HONDA

Honda Cars India Limited
SPL-1, Tapukara Industrial Area
Khushkhera, Distt. - ALWAR
RAJASTHAN 301707
E-mail : corporate@hondacarindia.com
Tel. : 01493-522000, Fax : 01493-522006

May 23, 2021

Additional Principal Chief Conservator of Forests (C),
Ministry of Environment, Forest and Climate Change,
Regional Office (CZ),
Kendriya Bhawan, 5th Floor,
Sector "H", Aliganj,
Lucknow - 226020

Kind Attention: **Additional Principal Chief Conservator of Forests (C)**

Subject : **Six Monthly Compliance Report (Oct' 20 ~ Mar'21) of conditions of Environment Clearance Letter F.No. J-11011/64/2011-IA-II(I)**

Reference : Environment Clearance Letter F.No. J-11011/64/2011-IA-II(I) dated 11th August 2017 for expansion of our Aluminium melting from 20,000TPA to 30,000 TPA, Propane Sorage from 50 MT to 100 MT and power backup from 4.9 MW to 37.3 MW at plot no SPL-1, Tapukara Industrial Area, Tehsil Tijara, District Alwar, Rajasthan

Dear Sir,

This has reference to the above subject. Please find enclosed herewith the compliance status under **Annexures - 1 to 17,** as per the conditions of Environment Clearance Letter.

Thanking you,

Yours faithfully,
For **Honda Cars India Limited**

(Pravin Chaudhari)
Senior Manager - EHS

Encl : Annexures - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15,16 & 17

cc:

1) The Zonal Officer,
Central Pollution Control Board, 4th Floor, Sahkar Bhawan
North T.T. Nagar, Bhopal – 462 003

2) The Member Secretary, Rajasthan State Pollution Control Board 4, institutional Area,
Jhalana Dungri, Jaipur, Rajasthan - 302004

3) The Zonal Officer, Rajasthan State Pollution Control Board,
RIICO Industrial Area, Phase-II, Phool Bagh Chowk, Bhiwadi (Rajasthan)

Annexure 1

HONDA

24-May-21

Conditions of Issued Environment Clearance Letter F.No. J-11011/64/2011-IA-II(I) dated 11th August 2017 under the provisions of EIA Notification 2006, as amended

S. No.	Conditions	Compliance Status
1	This has reference to your online application vide proposal no. IA/RJ/IND/5996/2013, dated 23rd April 2015 along with copies of EIA/EMP report seeking environmental clearance under the provisions of the EIA notification,2006 for the proposed project mentioned in the subject. The project proposal falls in Schedule 3(a) & 6(b), category "B" of EIA notification 2006 as amended. However, since the Haryana State boundary is located 5 Km from the project site, the project is treated as Category "A" and appraised at the central level.	Noted
2	M/s Honda Cars India Ltd. (HCIL) has proposed to expand their production capacity at the Tapukara premise along with indigenization of various car parts to reduce the cost of car. The proposal is for enhancement of Aluminium melting from 20,000 TPA to 30,000 TPA, Propane storage from 50 MT to 100 MT and power backup from 4.9 MW to 37.3 MW.	Noted
3	It is mentioned that the total land area available with M/s HCIL is about 1,768,972 Sq. m which is enough space for the proposed expansion project within the existing project area. The project location is reported to lay at 28°06'24"N latitude and 76°50'06"E longitude. The site is very well connected with NH-8 Nearest Railway station is Rewari, about 22 Km from the project site. The Haryana border is about 5 km NW. Nearest airport is IGI airport, Delhi approximately 47 km away from project site (aerial distance).	Noted
4	The total project investment will be about Rs. 1577 Crores. In 45th meeting of EAC which was held on 11th August 2015, the project proponent and their EIA/EMP consultant (M/s EQMS India Pvt. Ltd.) gave a detailed presentation of the project. Based on the presentation made and discussions held, some additional data was sought. Project Proponent submitted reply to Additional details sought on 8th June 2017.	Complied
5	The proposal was again considered in the 20th meeting of Expert Appraisal Committee [EAC (Industry - I)held during 10th - 12th July 2017 and the committee noted that PP submitted the reply and complied all the ADS points. After detailed delibrations, the committee recommended the proposal for grant of Environmental Clearance subject to following specific conditions alongwith other environmental condition while considering for accord of environmental clearance by the ministry.	Noted
6	The Ministry of Environment, Forest and Climate change has considered the recommendations of the Expert Appraisal Committee (Industry-I) and hereby decided to grant environmental clearance for proposed expansion of Aluminium melting from 20,000 TPA to 30,000 TPA, Propane storage from 50 MT to 100 MT and power backup from 4.9 MW to 37.3 MW at plot no SPL - 1, Tapukara Industrial area, Tehsil Tijara, District Alwar, Rajasthan by **M/s Honda Cars India Ltd.,** under the provisions of EIA Notification 2006, as amended, subject to strict compliance of the following Specific and General conditions :-	Noted
A	**SPECIFIC CONDITIONS:**	
I	The PP shall obtain requisite permission for storage of propane from Chief Controller of Explosives.	Complied. Licence No. S/HO/RJ/03/320 (S35121) for storage of Propane valid upto 30/09/2021 as in **Annexure - 2.**
II	The PP shall identify the VOCs and establish system of moniotring for VOCs. The results of monitoring shall be submitted to Regional office, Ministry of Environment, Forest and Climate change as a part of half yearly monitoring report.	Being Complied. VOCs are generated from the paint shop and MSDS of raw material used are being referred for identification of VOC generated. The parameters are being monitored on a half yearly basis. VOC Monitoring results are attached as **Annexure - 3.**
III	Management, Handling, Transportation and Disposal of Paint sludge and other hazardous waste shall be carried as per the provisions of Hazardous and Other waste (Management & Transboundary) Rules, 2016.	Being Complied. The Paint sludge and other hazardous wastes are stored, transported, disposed as per Hazardous Waste Authorization No. RPCB/HWM/2017-2018/HSW/21 issued by RSPCB dated 28.04.2017 and is in compliance with Hazardous Waste management, handing & transboundary movement rules 2016. , **We have applied for renewal as per the state government guidelines and is awaited.**
IV	The occupational health surveillance programme for the active workmen shall be carried as per the protocol of ILO. Occupational health check-up shall be carried for atleast 1/5th of the active workmen in a year covering all workmen in every 5 years.	Being Complied. HCIL is following the workers occupational health surveillance program as per ILO protocols and Indian requirements. The occupational health surveillance programme is maintained and monitored. The plan and sample medical report are enclosed as **Annexure – 5.**
V	The project proponent should install 24X7 air monitoring devices to monitor air emission, as provided by CPCB and submit report to Ministry and its Regional Office.	24X7 air monitoring devices to monitor air emission are installed in applicable stacks and are regularly being monitored and data shared with CPCB and RSPCB in online mode.

VI	PP shall strictly follow Oil Industry Safety Directorate (OISD) norms/guidelines for design, installation and operation of the isolated Propane Storage and HSD storage tanks with additional safety measures. The safety audit shall be conducted regularly and report shall be submitted to the Regional Office as part of half yearly report. Requisite Emergency Prepardeness Plan (including On-site and Off-site Response Plan) shall be in place at the project site, State Pollution Control Board and Regional Office of the Ministry.	Being Complied. OISD norms/guidelines is followed for installation and operation of the isolated Propane Storage and HSD Storage tanks with all Safety measures. Yes, the safety audit is conducted regularly. Emergency Preparedness Plan is in place and periodical mockdrills are being done and records are maintained. Emergency preparedness plan, periodic mockdrill and copy of last audit are enclosed as **Annexure-6.**
VII	API separator shall be installed by the PP to separate oil from the waste water before the treatment in ETP.	Being Complied. American Petroleum Institute Standards are being followed and API seperator is installed and operative to separate oil from waste water before treatment in ETP and the photo of the same is enclosed as **Annexure-7**.
VIII	Used oil, oil containing sludge and grease, filter and filter material containing oil should not be incinerated in the plant premises and should be sold to the authorized vendors.	Being Complied. Used oil, Oil containing sludge and grease, filter and filter material is being sold to RPCB authorized recycles (Continental petroleum Limited Jaipur, Shishpal Enterprises haryana & Poddar Hydrocarbon). Copy of the contract with authorized recycler is enclosed as **Annexure -8.**
IX	Adequate stack height shall be provided to as per the total capacity of all DG sets (2.4 MW x 10 DG sets, 1.6MW x 3 DG sets, 1.2 MW x 3 DG sets), Gaseous and particulate emissions shall be regularly monitored and records shall be maintained. The monitoring reports shall be submitted to this Ministry's Regional office as part of the half yearly compliance report.	Being Complied. Adequate stack height of all the existing 6 DG sets are maintained as per the CPCB norms. Regular monitoring of gaseous and Particulate emissions is done. The monitoring reports are attached as **Annexure-9.**
X	Adequate enclosures shall be provided to DG sets for controlling noise pollution so that the noise levels shall be within the limits as prescribed by CPCB.	Being Complied. DG sets are equiped with the acoustic enclosures. Also, the noise monitoring is done by NABL Accrediated laboratory. Results shows that the noise level at all the places are within the permissible limit as prescribed by CPCB and lab reports are enclosed as **Annexure–10.** Also, DGs run only in power breakdown periods which is very less.
XI	Green belt shall be developed in 33% area to mitigate the effects of fugitive emissions as per the CPCB guidelines. Plant species from local area shall be selected in consultation with DFO for green belt development.	Being Complied. Presently 27597 trees and Shurbs are already planted which is more than 33% of the total area of the plant. Trees planted help to mitigate the effect of fugitive emisssions as per the CPCB guidelines. The species of plants in Green Belt and acknowledgement letter from DFO is enclosed as **Annexure -11**.
XII	All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the Aluminium sector shall be strictly implemented.	As per the released minutes of the 28th EAC (Industry- I) held during 5th to 7th February 2018 by MOEFCC (attached as **Annexure – 4**), Committee has mentioned that the relevant recommendations made in the charter on corporate responsibility for Environmental Protection (CREP) for the Aluminum Sector shall be implemented. And none of the condition is applicable for HCIL- TKR.
XIII	The gaseous emissions (PM10, PM2.5, SO2, NOx) from various process units shall conform to the standards prescribed by the concerned authorities from time to time. The particulate emissions from the plant shall not exceed 50 mg/Nm3. At no time the emissions level should go beyond the prescribed standards. In the event of failure of any pollution control system adopted by the unit should not be restarted until the control measures are rectified to achieve the desired efficiency.	Noted., The gaseous emissions (PM10, PM2.5, SO2, NOx) from various process units are conforming to the standards prescribed by the concerned authorities, also particulate emissions from plant not exceeding 50mg/Nm3. Monitoring reports of stacks are attached herewith as **Annexure -14**
XIV	The plant will operate on a zero discharge concept and all treated water shall be recycled and reused. No effluents shall be discharged outside the premises. During the monsoon period water should be discharged only after proper treatment and meeting the norms of the SPCB/CPCB. A separate drainage system shall be provided for storm water/ rain water management.	Complied. We have a well established ZLD plant and 100% treated water is being recycled and reused within process, and STP treated is being used for horticulture purpose. So no effluent is being discharged outside the plant premises. . Rain water from surface run-off is directed towards recharging the ground water aquifer directly through the various types of structure such as, percolation pits, Bore wells.
XV	A separate budget provision shall be earmarked towards the Enterprise Social Commitment based on Public Hearing issues, locals need and item wise details along with time bound action plan as indicated by the project proponent shall be implemented. Action taken report in this regard shall be submitted to the Ministry's Regional Office.	The site is located in the industrial area. No public hearing as such is applicable to this plant and it was exempted by MOEF&CC at TOR stage itself. However, ESC expenditure will be done based on issues raised by the public if any and item wise details committed by the project proponent considering loacation need will be implemented. Apart from this CSR Budget is prepared as per the guidelines of MOEF&CC and will be spend on activities as mentioned in **Annexure-12**.

XVI	The existing water requirement is 1677 KLD and the additional fresh water requirement is 56 KLD for the proposed expansion project. Therefore, the total withdrawal of groundwater should not be exceed 1733 KLD. The PP should obtain required permission from Central Ground Water Board for withdrawal of aforesaid required quantity of ground water.	The CGWA has already granted permission for 1774 KLD water and a copy of approval is enclosed as **Annexure-13** (renewal application has already been submitted and approval is awaited from CGWA). Also as per the released minutes of the 28th EAC (Industry- I) held dusring 5th to 7th February 2018 by MOEFCC (attached as **Annexure – 4**), Committee has revised the limit from 1733 to 1774 KLD.
XVII	Oil Water Separation System shall be provided for the existing and proposed facilities and it should meet the standards stipulated by SPCB/CPCB/MoEFCC.	Yes, two oil water seperation systems are in place with ETP. The oil collected in separate tank is disposed of as per the consent and authorization from RSPCB.
XVIII	The project proponent shall provide for solar light system for all common areas, street lights, villages, parking around project area and maintain the same regularly. The project proponent shall provide LED lights in their offices and residential areas.	A solar power plant of 3.7 MW is installed in the parking & FE within the plant and power generated is being used for lighting and production in the plant. LED lights are installed in shops and offices.
B.	**GENERAL CONDITIONS**	
I	The project authorities must strictly adhere to the stipulations made by the Rajasthan Pollution Control Board and the State Government.	Yes, Being Complied.
II	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate change (MoEF&CC).	Agreed and Noted
III	Atleast four ambient air quality monitoring stations should be established in the downward direction as well as where maximum ground level concentration of PM10, PM2.5, SO2 and NOX are anticipated in consultation with the SPCB. Data on ambient air quality and stack emission shall be regularly submitted to this Ministry including its Regional office at Lucknow and the SPCB/CPCB once in six months.	Being Complied. The copy of detail results of 4 AAQ stations are being monitored for the parameters PM10, PM2.5, SO2 and NOX. Enclosed ambient air monitoring results as **Annexure – 17**. DG Stack emission monitoring reports are attached as **Annexure – 9.**
IV	Industrial wastewater shall be properly collected, treated so as to conform to the standards prescribed under GSR422 (E) dated 19 May, 1993 and 31st December 1993 or as amended from time to time. The treated waste water shall be utilized for plantation purpose.	Being Complied. 80 KLD ETP and 600 KLD STP and 1200 KLD ZLD is used to treat the effluent and waste water generated from the plant. Presently the treated water from STP is used for horticulture purpose inside the plant permises & ETP & ZLD water for process.
V	The overall noise levels in and around the plant area shall be kept well within the standards (85 dB(A)) by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels should conform to the standards prsecribed under EPA rules,1989 viz 75 dB(A) during day time and 70 dB(A) during night time.	Being Complied. Necessary noise control measures like acoustic hoods, silencers, enclosures etc. are provided and regular monitoring carried out to ensure ambient noise levels are within prescribed standard limits 75 dB(A) during day time and 70 dB(A) during night time. Monitoring reports are enclosed as **Annexure – 10.**
VI	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	A health center with all emergency equipments and medical facilities is open all round the clock. The Occupational health surveillance is being carried out and records of the same are maintained.
VII	The company shall develop rain water harvesting structures to harvest the rain water for utilization in the lean season besides recharging the ground water table.	Being Complied. Rain water from surface run-off shall be directed towards recharging the ground water aquifer directly through the various types of structure such as, percolation pits, Bore wells. Rain water Harvesting shall be implemented at proper location to conserve storm water
VIII	The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA/EMP report. Further, the company must undertake socio-economic development activities in the surrounding villages like community development and educational programmes , drinking water supply and health care etc.	Project Proponent is complying with all the environment protection measures as mentioned in EIA/ EMP report. The company is also taking care of socio-economic development activities in the surrounding villages like community development and educational programmes, drinking water supply and health care etc. Social activities are being done based on public hearing comments vide RIICO letter. The activities planned and actions carried out in surrounding villages and community is enclosed as **Annexure – 12.**
IX	Requisite funds shall be earmarked towards capital cost and recurring cost/annum for environement pollution control measures to implement the conditions stipulated by the Ministry of Environment, Forest & Climate change (MoEF & CC)as well as the state government. An implementation schedule for implementing all the conditions stipulated herein shall be submitted to the Regional Office of the Ministry at Lucknow. The funds so provided shall not be diverted for any other purpose.	Requisite funds are earmarked towards capital cost and recurring cost/annum for environment pollution control measures to implement the conditions stipulated by the Ministry of Environment, Forest & Climate change (MoEF&CC) as well as the state government. The schedule for implementing with funds so provided are being communicated to regional office of the MOEFCC, Lucknow. We have installed ZLD plant within our premises and is in operation .
X	A copy of clearance letter shall be sent by the proponent to concerned Panchayat, Zilaparishad/Muncipal Corporation , Urban local body and the local NGO, of any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the company by the proponent.	Being Complied. Copy of the EC letter submitted to the local Panchayat. A copy of EC letter is also available on the HCIL website.

XI	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of the MoEF&CC at Lucknow, The respective regional office of CPCB and the SPCB. The crietria pollutant levels namely; PM10, SO2, NOx, (ambient level as well as stack emissions) or critical sectoral parameters, indicated for the projects shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	Noted. The status of compliance of the stipulated environment clearance conditions, including results of monitored data are frequently updated on our official website and also be submitted to Regional Office MOEF Lucknow. The specified pollutants (PM10, SO2, NOx, stacks of DG Sets and Process) are being regularly monitored and displayed near the main gate of the company.
XII	The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated environmental conditions including results of the monitored data (both in hard copies as well as by e-mail) to the Regional Office of MoEF&CC, the representative zonal office of CPCB and the SPCB. The Regional office of this Ministry at Lucknow/ CPCB/ SPCB shall monitor the stipulated conditions.	Being complied. Company is submitting reports on the status of the compliance of the stipulated environmental conditions including results of the monitored data to the regional office MOEFCC along with CPCB and SPCB.
XIII	The environmental statement for each financial year ending 31st March in Form -V as it is mandated to be submitted by the project proponent to the concerned State Pollution Control Boards prescribed under the Environment (Protection) Rules, 1986, as ammended subsequently, shall also be put on the website of the company along with the status of compliance of environmental conditions and shall also be sent to the respective Regional office of the MoEF&CC at Lucknow by e-mail.	Noted. For each financial year ending 31st March, the company is submitting Form -V to the concerned State Pollution Control Board and the status of compliance of Environmental conditions will be sent to the Regional office of the MoEF&CC at Lucknow by e-mail. A copy of Form –V shall be put up in HCIL website.(Receving copy of Env Statement report is attached here as **Annexure-16**)
XIV	The Project Proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB and may also be seen at website of the Ministry of Environment, Forests & Climate Change (MoEF&CC) at http:/envfor.nic.in. This shall be advertised within 7 days from the date of issuance of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same should be forwarded to the regional Office at Lucknow.	Being complied. Accord of EC from MOEE&CC is already informed to the people by putting the EC letter on HCIL website and by giving the advertisement in Local and Regional Newspapers. Copies of advetisement in newspaper is enclosed as **Annexure – 15.**
XV	Project authorities shall inform the Regional office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of commencing the land development work.	Noted. The date of financial closure is 31.03.2019. The date of final approval of project by MoEFCC is 11.08.2017. The date of land development work is under progress - 1. Aluminum Melting work 100% completed as per the proposal. 2. Propane Storage 100 MT tank installed and it is in operation. 3. Power Back up - 9.3 MW currently.
XVI	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	Noted
XVII	The Ministry reserves the right to stipulate additional conditions if found necessary. The company in a time bound manner shall implement these conditions.	Noted and agree
XVIII	The PP shall abide by all the commitments and recommendations made in the EIA/EMP report and that during their presentation to the EAC. The commitment made by the project proponent to the issue raised during Public Hearing shall be implemented by the proponent.	Being complied. No public hearing was applicable to this project. However, all commitment is being complied with. The activities plan, and actions carried out is enclosed as **Annexure – 12**.
XIX	The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974 , the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and rules.	All applicable provision of applicable acts/rules shall be complied with.

Annexure 2

GOVERNMENT OF INDIA
MINISTRY OF COMMERCE & INDUSTRY
PETROLEUM AND EXPLOSIVES SAFETY ORGANISATION (PESO)
JAIPUR SUB CIRCLE OFFICE

Tel:2356781,2356731
Fax:(141)-2350279
Email:dyccejaipur@explosives.gov.in

Amrapali Circle
Near Power House, Vaishali Nagar
Jaipur -302021

Lic. No. :S/HO/RJ/03/320 (S35121)

Date :16 Mar,2017

To,

M/s. Honda Cars India Ltd.,
SPL-1, TAPUKARA INDL. AREA,,
KHUSHKHERA,
ALWAR--301707,
District : ALWAR
State : Rajasthan

23 MAR 2017

Sub:- Storage of **PROPANE,** gas in pressure vessels at Village **SPL-1 Tapukara Indl. Area, Khushkhera -** District : **ALWAR** , State : **Rajasthan** -LIC. No. S/HO/RJ/03/320 (S35121) Renewal Granted under SMPV(U) Rules, 2016

Sir/s,

Reference: Your letter No.NIL; dated: 4/3/2014

Licence Number: S/HO/RJ/03/320 is renewed and is valid upto **30/9/2021** is forwarded herwith.

The provisions of the Rule 55 of the above said rules shall be followed for further renewal of the licence beyond **30/9/2021** . The renewal application along with fees, Original licence and other documents shall reach in the Office of Jaipur Sub Circle office, Jaipur latest by **30 September, 2021** positively to avoid late fees.

Please acknowledge the receipt of the licence.

Yours faithfully,

(Dr. A.P. Singh)
Dy. Chief Controller of Explosives
Jaipur Sub Circle office , Jaipur

उप मुख्य विस्फोटक नियंत्रक
जयपुर

(For more information regarding status,fees and other details please visit our website http://peso.gov.in)

Form LS-1A

(See Rules 50, 51, 54 and 55)

Licence to Store Compressed gas in pressure vessel or vessels

Licence Number : **S/HO/RJ/03/320 (S35121)**

Fee Rs : 50000/-

Licence is here by granted to **M/s. Honda Cars India Ltd.,SPL-1, TAPUKARA INDL. AREA, KHUSHKHERA ALWAR-301707** District :-**ALWAR** State :-**Rajasthan** valid only for the storage of compressed gas in **2 Number/s.** of pressure vessel/s as indicated below in the licensed premises described below and shown in the plan No. **S/HO/RJ/03/320 dtd 6 December,2013** subject to the provisions of the Indian Explosives Act, 1884 (4 of 1884) and the rules made thereunder and to the further conditions of this licence.

Vessel No .	Name of Gas	Gas-State	Volume in Cubic M	Max Pressure (kg/cm 2)	Quantity Granted in kgs(Liquified gases)
STPL-306/07	PROPANE	Liquified	119.6	21	50000
STPL-447/12	PROPANE	Liquified	119.6	21	50106
	Total Water capacity		239.2		

The licence shall remain in force upto **31st day of March , 2014.**

The 6 December, 2013.

Sd/-

Chief Controller of Explosives

DESCRIPTION AND LOCATION OF THE LICENSED PREMISES

The licensed premises, the layout boundaries and other particulars of which are shown in the attached approved plan No **S/HO/RJ/03/320 dated 6 December,2013** and consists of **2 vessel(s)** for storage of :

a) Flammable/Corrosive/Toxic Gases :**PROPANE,**

b) Non-toxic Gases :

and situated at Plot No: **SPL-1** Name of Street: **Tapukara Indl. Area,** Village/Town : **Khushkhera** Police Station : **Khushkhera** District : **ALWAR** State : **Rajasthan**

SPACE FOR ENDORSEMENT OF RENEWALS

	Date of renewal	Date of expiry	Signature and stamp of the licensing authority
This licence shall be renewable without any concession in fee for three years in the absence of contravention of the provision of the Indian Explosives Act, 1884, or the Static and Mobile pressure Vessles (Unfired) Rules, 2016 framed thereunder or of the conditions of the licence	**16/3/2017** 22/02/2011	**30/09/2021** 31/03/2014	**Dy.Chief Controller of Explosives, Jaipur Sub Circle office, Jaipur.** उप मुख्य विस्फोटक नियंत्रक जयपुर

This licence is liable to be cancelled if the licensed premises are not found conforming to the description and conditions attached hereto and for contravention of any of the rules and conditions under which this licence is granted and the holder of this licence is also punishable under the Act.

उप मुख्य विस्फोटक नियंत्रक
जयपुर

Conditions of FORM LS-1A

License No. : S/HO/RJ/03/320 (S35121)

1. The licensed premises shall conform to the description of location and facilities and to the approved plan, as mentioned on the body of the licence.
2. The licensed premises shall have prominently marked thereon the number of the licence held for it.
3. The emergency telephone numbers of local fire service, police and the principal marketing company or supplier of the compressed gas, and emergency instructions shall be conspicuously displayed in the licensed premises.
4. The licensed premises shall not be used for any purpose other than the purpose for which the licence is granted.
5. The compressed gas shall be stored only in the vessels specified in the licence and shown in the approved plan attached hereto.
6. The storage vessel shall at all times maintain requisite safety distance from any other facility, building, boundary, fencing or protected works as specified in appropriate Table specified in rule 22.
7. A suitable hard stand for parking of the vehicle during loading or unloading of any compressed gas shall be provided . The following minimum safety distances shall be provided between the centre of the hard stand and the storage vessel or boundary line of installation; as well as between the loading or unloading points and storage vessel or boundary line of installation as specified under item (ii) of sub-rule 5 of Rule 27.
8. All fitments of the vessel shall be maintained in good operating condition.
9. No alteration of the position of the vessel and no replacement of the vessel shall be effected except with the previous sanction, in writing, of the licensing authority as provided in the rules.
10. Every vessel before being repaired or exhumed shall be made free of compressed gas and thoroughly cleaned in a safe manner. When a vessel is opened for cleaning or repairs, no lamp of any description either ordinary or electric, electric cables or fans and no articles, appliances or equipment capable of igniting flammable vapours shall be brought near the vessel.
11. No person shall cause to repair or repair either by the use of fire, welding, hot riveting or brazing any vessel used for the storage of flammable gas unless it has been thoroughly cleaned and gas-freed or otherwise prepared for safely carrying out such hot work and certified in writing, by a competent person, to have been so prepared. Where the vessel has been certified as gas-free, the certificate shall be preserved by the licensee for a period of not less than three months and produced to the licensing authority on demand.
12. No person shall enter any vessel used for the storage of a toxic or corrosive gas unless he is adequately protected by means of protective clothing, gas masks and such other equipments as may be required in the specific case.
13. Compressed gas shall be filled into or removed from the vessel through designated pipes of required specification and through transfer facilities shown in the approved plan.
14. The vessel shall not be filled between the hours of sunset and sunrise, unless adequate lighting of approved type is provided and except in such manner and such other condition or conditions as are specifically endorsed on the licence by the licensing authority.
15. All operations in the licensed premises shall be carried out by persons competent in such operation. Every person managing or employed on or in connection with the licensed premises shall abstain from any act whatsoever which tends to cause fire or explosion and which is not reasonably necessary and to the best of his ability, shall prevent any other person from doing such act.
16. The licensee shall provide for each licensed premises a minimum of two portable foam type or dry chemical type fire extinguishers of 9 kg. capacity each, which shall be kept ready at convenient location for immediate use in the event of any fire in addition to other fire fighting or other mitigating facilities required for flammable or toxic gases.
17. All valves in the premises must be permanently marked in a manner clearly indicating the direction of opening and shutting the valve.
18. Free access to the licensed premises shall be given at all reasonable times to any of the officers specified in rule 70 and every facility shall be afforded to such officer for ascertaining that the rules and the conditions of this licence are duly observed.
19. If the licensing authority calls upon the holder of a licence by a notice in writing to execute any repairs in the licensed premises which are, in the opinion of such authority, necessary for the safety of the premises, the holder of the licence shall execute the repairs within such period as may be specified in the notice.
20. Every vessel shall be outside any building and shall be supported on well designed calculations.
21. No artificial light capable of igniting flammable vapour shall at any time be present within nine meters of the vehicle and the loading or unloading points during the transfer of the compressed gas and no person engaged in such transfer shall smoke.
22. All electrically equipment such as motors switches, starters used for transfer of liquefied petroleum gas shall be of flameproof construction conforming to IS/IEC 60079-1 to 11 or of a type approved by the Chief Controller.
23. Smoking, naked lights, lamps, source of fire or any other stimulant capable of igniting flammable vapours shall not be allowed inside the premises. Every person managing or employed on or in connection with licensed premises shall abstain from any act whatsoever which tends to cause fire or explosion and which is not reasonably necessary and to the best of his ability, shall prevent any other person from doing such act.
24. Any accident, fire ,explosion or untoward incident occurred within the licensed premises shall be immediately reported to the Chief Controller of Explosives, Controller, nearest police station and District Magistrate by quickest mode of communication.

For Dy. Chief Controller of Explosives, Jaipur

उप मुख्य विस्फोटक नियंत्रक
जयपुर

Annexure 3

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☎ 09314012627

ENVIRO LAB

(Pollution Control Consultants)

An ISO 9001 : 2015, 14001 : 2015, & OHSAS 18001-2007 Certified Laboratory
Recognized from Ministry of Environment, Forest & Climate Change (MoEFCC) Govt. of India
Under the Environment Protection Act 1986

Controlled Format	No. 7.8F-03A
TEST REPORT	Issue Date: 31/10/2020

(Work Zone Air Analysis)

Test Report No.	:	**EL/BWD/261020-2894**		
Issued To.	:	**M/s Honda Cars India Ltd. SPL-1, RIICO Industrial Area, Tapukara, Tehsil: Tijara, Distt-Alwar (Raj.) 301707**		
Sample Id	:	EL/BWD/261020-2894		
Sample Description	:	Work Zone Monitoring		
Sampling Location	:	PAINT		
Sampling Date	:	26/10/2020		
Receiving Date	:	26/10/2020		
Time of Sampling	:	12:14 PM		
Sampling Duration	:	4 Hrs.		
Ambient Temperature (°C)	:	32°C		
Instrument used	:	Handy Sampler & Gaseous Pollutant Samper		
Sampling Done By	:	Lab Representative		
Test Protocol	:	As Per Indian Standard 5182		
Sampling Plan & Procedure	:	Plan & Procedure No. 5.7P-01		
Details of Environmental Conditions during sampling	:	Temp:- 32°C	RH:- 21%	Weather:- Clear

Results

S. NO.	PARAMETER		UNIT	Locations (PA)					LIMITS	TEST METHOD
				TC Inspection M-13	E.D. Sanding	Touch up Online Booth Repair	Sealer Line SL-12	On-PAPT-002		
1.	SPM		mg/m^3	0.83	0.74	0.70	0.66	0.71	10	IS: 5182 Part-23
2.	RSPM		mg/m^3	1.0	1.14	1.08	0.86	0.94	Not Specified	IS:5182 Part-23
3.	VOC	Benzene	mg/m^3	1.9	2.2	1.13	1.02	0.98	30	IS 5182 Part-11
		Xylene		1.4	1.6	2.0	1.8	2.5	435	
		Toulene		2.0	3.1	1.5	2.4	3.0	375	
4.	PAH		mg/m^3	1.6	1.0	1.19	1.02	1.13	-	By Gas Chromatograph Method
5.	CO		mg/m^3	0.34	0.48	0.42	0.36	0.39	55	IS: 5182 Part-10
6.	Oil Mist		mg/m^3	1.15	1.12	1.05	1.98	1.0	5	OSHA Method ID-128
7.	PBB		mg/m^3	1.30	1.46	1.54	1.21	1.28	-	By Gas Chromatograph Method
3.	Illumination Level		Lux	2818	1009	969	883	925	Not less than 300	IS:3646 Part-I
4.	Noise (Leq)		dB(A)	68.8	85.2	71.5	72.0	75.9	90	IS : 9989

Note	:	BDL= Below Detection Limit

Notes: 1. The result listed above refer only to the tested samples and applicable parameters.
2. Remnants sample will be destroyed after 20 days from the date of receipt of sample.
3. Complaints, if any, about this report should be communicated within seven (07) days of the issue of this report.
4. The report is not to be reproduced-wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without our special permission in writing.
5. Any Backup either related to re-issue of changing of report should be given within 30 days of issue of this report.

Analyzed By **Authorized By**

ENVIRO LAB BHIWADI

Annexure 4

Ministry of Environment, Forest and Climate Change
Impact Assessment Division
(Industry-I Sector)

SUMMARY RECORD OF THE TWENTY- EIGHTH (28TH) MEETING OF EXPERT APPRAISAL COMMITTEE HELD DURING 5TH TO 7TH FEBRUARY 2018 FOR ENVIRONMENTAL APPRAISAL OF INDUSTRY-I SECTOR PROJECTS CONSTITUTED UNDER EIA NOTIFICATION, 2006.

The Twenty-eighth meeting of the Expert Appraisal Committee (EAC) for Industry-I Sector as per the provisions of the EIA Notification, 2006 for Environmental Appraisal of Industry-I Sector Projects was held during **5th to 7th February 2018** in the Ministry of Environment, Forest and Climate Change. The list of participants is annexed.

28.1 After welcoming the Committee Members, discussion on each of the agenda items was taken up ad-seriatim.

28.2 Confirmation of the minutes of the 27th Meeting

The minutes of 27th meeting held during 3rd to 5th January 2018, with following corrections, as circulated were confirmed.

27.4 Enhancement in production capacity of Integrated Cement Project - Clinker (2.0 to 4.5 MTPA), Cement (2.5 to 5.2 MTPA), CPP (40 MW), WHRS (10 to 12 MW) and D.G. Set (2 x 6 MW) at Villages - Tonki, Temarni, Sondul and Golpura, Tehsil - Manawar, District - Dhar (Madhya Pradesh) by M/s. UltraTech Cement Ltd. [Online Proposal No. IA/MP/IND/50963/2016; MoEFCC File No. J-11011/86/2012-IA-II(I)] - Environmental Clearance.

Reference in MoM	For	Read as
Page no. 5, Item no. 27.4, Line no. 2	Enhancement in Production Capacity of Integrated Cement Project - **Clinker (2.0 to 4.5 MTPA)**, Cement (2.5 to 5.2 MTPA), CPP (40 MW),**WHRS (10 to 12 MW)** and D.G. Set (2 x 6 MW) at ……	Enhancement in Production Capacity of Integrated Cement Project - **Clinker (2.0 to 6.0 MTPA)**, Cement (2.5 to 5.2 MTPA), CPP (40 MW), **WHRS (10 to 16 MW)** and D.G. Set (2 x 6 MW) at ……

27.5 Production of Mild Steel Wire Rod of capacity 70000 TPA by setting up of wire rod rolling mill within the existing production of the plant of Rerolled products (70,000 TPA) and Steel Ingots and Billets (70,000 TPA) at village Sondra, Tehsil & District Raipur, Chhatisgarh by M/s Nandan Steel & Power Ltd [Online Proposal No. IA/CG/IND/71354/2017; MoEFCC File No. J-11011/1328/2007- IA.II(I)] - Modernization of existing project and Change in product mix under clause 7(ii) of EIA Notification, 2006.

Reference	For	Read as
Para 2	**M/s Nandan Steel & Power Limited** is operating the Induction Furnace to produce 70000 TPA MS Ignot/Billet and billet reheating furnace based Rolling Mill to produce structural steel	**M/s. Nandan Steels & Power Limited** is operating two facilities (i) Induction Furnaces to produce 70000 TPA MS Ingots/Billets; and (ii) billet reheating furnace based Rerolling Mills to produce

3. The project proponent should carry out social impact assessment of the project as per the Office Memorandum No. J-11013/25/2014-IA.I dated 11.08.2014 issued by the Ministry regarding guidelines on Environment Sustainability and Enterprise Social Commitment (ESC) related issues. The social impact assessment study so carried out should form part of EIA and EMP report.

4. Certificate of compliance of earlier EC from the Regional office of MoEFCC shall be submitted along with EIA/EMP.

5. The location of staff quarters shall be relocated considering air pollution from the raw material stock yard and plant premises.

6. Detailed Hazard Identification and Risk Assessment (HIRA) and project specific/site specific HIRA considering confined spaces within the plant and its layout.

7. Air quality modelling for normal, abnormal and emergency situations shall be carried out

28.25 Proposed expansion of Aluminum melting from 20,000 TPA to 30,000 TPA, Propane Storage from 50 MT to 100 MT and power back up from 4.9 MW to 37.3 MW at plot no SPL-1, Tapukara Industrial Area, Tehsil Tijara, District Alwar, Rajasthan by M/s Honda Cars India Ltd.- [Online Proposal No. IA/RJ/IND/71871/2017, MoEF&CC File No. J-11011/64/2013-IA-II(I)] – Amendment in EC.

1.0 M/s **Honda Cars India Limited** made online application vide proposal No. **IA/RJ/IND/71871/2017** dated 27th December 2017 seeking amendment in the conditions prescribed in the environmental clearance vide File No. J-11011/64/2013-IA-II(I) issued on 11th August 2017.

Details of the project as per the submissions of the project proponent:

2.0 M/S Honda Cars India Limited has proposed to enhancement its Aluminum melting capacity from 20,000TPA to 30,000TPA, enhance Propane storage from 50 MT to 100MTand power back up from 4.9 MW to 37.3MW at its existing cars manufacturing plant located at plot no SPL-1Tapukara industrial AREA Tehsil Tijara, District Alwar Rajasthan. The environmental clearance was obtained vide File No. J-11011/64/2013-IA-II(I) issued on 11th August 2017.

3.0 It was requested for following amendments in the said EC:

S.No	Para of EC issued by MoEF &CC	Details as per the EC	To be revised/ read as	Justification/ Reasons
1	Specific condition: Point V	The Project Proponent should install 24x7 air monitoring devices to monitor air emission, as provided by CPCB and submit report to Ministry and its Regional office.	Exempt from the condition of installing 24x7 air monitoring devices, as provided by CPCB	As we are not cover in highly Polluting industries as defined by CPCB, and we use clean fuel. Hence proposed condition is not applicable to us

2	Specific condition: Point XII	All the recommendation made in the charter on corporate responsibility for Environmental Protection (CREP) for the Aluminum Sector shall be strictly implemented.	Exemption from CREP guidelines	As per process: In Casting process melting of Aluminum ingots is done in melting furnace. Molten metal is injected into the mold which contains hollow cavity of desired shape and then allowed to solidify. The solidified part called casting is ejected from the mold to complete the process. As we have only the casting process Hence CREP for the Aluminum Sector shall not applicable to us
3	Specific condition: Point XIII	The gaseous emissions (PM 10, PM2.5, SO2, NOx) from various process units shall conform to the standards prescribed by the concerned authorities from time to time. the particulate emissions from the plant shall not exceed 50 mg/NM3. At no time the emissions level should go beyond the prescribed standards. In the event of failure of any pollution control measures are rectified to achieve the desires efficiency.	Exempt the condition i.e. the particulate emissions from the plant shall not exceed 50 mg/NM3	As process mentioned in Point no 2, Only Aluminum ingots is use in melting furnace and emission standard for particulate emissions as prescribed by RSPCB under our CTO is 150 mg/NM3
4	Specific condition: Point XVI	The existing water requirement is 1677 KLD and additional fresh water requirement is 56 KLD for the proposed expansion project. Therefore, the total withdrawal of groundwater should not exceed 1733 KLD, the PP should obtain required permission from Central Ground water board for withdrawal of aforesaid	The total water requirement will be about 1774 KLD	The water requirement in the proposed project will be mainly for industrial operation, domestic applications and cooling purposes. The total water requirement will be about 1774 KLD. This water will be met from the ground water. CGWA has already granted us permission for 1774 KLD. The

		required quantity of groundwater.		same value was indicated in our EIA report as well.

Observations of the committee

4.0 The committee observed that the modifications sought by PP in the EC conditions needs to be revised to suit to the industry specific. As such, the committee advised to revise and resubmit the proposed modifications for specific condition nos 5 and 12.

5.0 Accordingly the PP has submitted the revised modifications as follow:

Specific Condition No 5: The PP shall monitor Aluminum Oxide emission on monthly basis and submit the report to the respective authorities (RSPCB and MOEFCC) with EC compliance report.

Specific Condition No 12: All the relevant recommendations made in the charter on corporate responsibility for Environmental Protection (CREP) for the Aluminum Sector shall be implemented.

6.0 The committee observed that, the request for the modification of Specific Condition No 13 not accepted as the plant shall meet the standards in view of location in NCR region.

7.0 After detailed deliberation, the committee recommended for amendment/modification of **Specific Condition No 5; Specific Condition No 12 and Specific Condition No 16.**

28.26 Expansion by installation of 1.0 MTPA Steel Plant, 40 MW (2x20 MW) waste heat Recovery, 40 MW coal based captive power plant & 500 TPD Air Separation Plant in the existing ferro alloy plant of M/s The Sandur Manganese & Iron Ores Ltd., located at village Hanumanhalli, Danapur Mandal, Taluk Hospet, District Bellary, Karnataka [Online proposal No. IA/KA/IND/23395/2014; MoEFCC File No. J-11011/205/2014- IA-II(I)] – Environmental Clearance - further consideration.

1.0 M/s The Sandur Manganese & Iron Ores Ltd has made online application vide proposal no. **IA/KA/IND/23395/2014** dated **31st October 2017** along with the copies of EIA/EMP seeking Environmental Clearance under the provisions of the EIA Notification, 2006 for the above mentioned proposed project. The proposed project activity is listed at S. No. 3(a) Metallurgical industries (ferrous & non-ferrous) under Category "A" EIA Notification, 2006 and the proposal is appraised at Central level.

Details of the project as per the submissions of the project proponent:

2.0 The proposal for expansion of existing Ferro Alloys Plant to 1.0 MTPA Integrated Steel Plant of M/s Sandur Manganese & Iron Ores Limited comprising of Sinter Plant, Blast Furnace, Coke Oven Plant, SMS, Rebar Mill, Oxygen Plant & WHRB located at villages- Danapur, Danayakankere & Hanumanhalli Tehsil- Hospet, District- Bellary, State- Karnataka was initially received in the Ministry on 14.05.2014 for obtaining Terms of Reference (ToR) as per EIA Notification 2006. The project was appraised by the Expert Appraisal Committee (Industry) [EAC(I)] during its 21st meeting held during 30th July -1st August 2014 and prescribed ToR to the project for undertaking detailed EIA study for obtaining environmental clearance. Accordingly, the Ministry of Environment, Forest and Climate Change had

Annexure 5

Occupational Health Surveillance Plan as per ILO Standards

Parameter test as per ILO standard

Process Area	2017~18		2018~19	2019~20	2020~21	2021~22
	Planed M/P	1265	1265	1265	1265	1265
	Actual M/P	1265	1497	1335	1303	1358
• Press • Utility • AE • Casting • Forging / Ferrous • Tool Regrinding • PT- Maintenance • Paint Shop • Plastic Object	1/5th of Active Manpower (Considering total process man power)	Completed	Completed	Completed	Completed	1/5th of Active Manpower

Parameters :

- **Blood Test (CBC- Hb, TLC, DLC, ESR),**
- **X-Ray Chest,**
- **Audiometry (Only High Noise Area),**
- **PFT**
- **Urine Examination,**
- **Physical examination with Eye Test including color vision**

393

Form 5

Prescribed under Rule 19(2)

CERTIFICATE OF FITNESS

1. Serial Number / Emp Code:- : 393 70013399
2. Date :- : 10/12/20
3. Name of person examined:- : AYUB KHAN
4. Sex:- : MALE
5. Age:- : 25 YEAR
6. Department:- : SPC
7. Physical fitness:- : FIT
8. Reason for
(a) Refusal of certificate :- : NA

OR

(b) Certificate being :- : NA

Signature of Certifying Surgeon

Dr. R.K. SINGH
M.B.B.S., M.S., D.H.A.
Reg. No. HMC-7669
Mob.-9899334307

Note:- In case of physical disability, the exact details of the cause of the physical disability should be clearly stated.

APEX HOSPITAL & Trauma Centre

NABH Accredited

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Website: www.apexhospitalandtraumacentre.com
M.: Doctor: 09899334307, Pharmacy, Billing & Registration: 09466959160
Lab: 8607274999, Ambulance: 9466859160, Ph.: 01274-243374/75

Name : 393 70013399 AYUB KHAN SPC
Mobile No.:
Address : HONDA CAR'S INDIA PVT LTD, Alwar, Rajasthan

Report Date : 10-Dec-2020 20:31:00
Sex/Age : Male/25 Year

HONDA CARS TAPUKARA INTRAEMPLOYMENT MEDICAL CHECK UP

TEST NAME	RESULT	FLAG	UNITS	REF. RANGE	REMARKS
FMR+EYE					
FULL MEDICAL RECORD WITH EYE EXAMINATION	**NORMAL**			-	Normal

Clinical Description :

Height	:	**170 CMS**
Weight	:	**80 KGS**
Personal History	:	**NOT SIGNIFICANT**
Physical Examination	:	**NOT SIGNIFICANT**
B.P.	:	**134/81 MM HG**
P.R.	:	**97 /MIN, REGULAR**
Temp.	:	**98.6 F**
CVS Examination	:	**S1,S2 NORMAL NO MURMUS**
Rs Examination	:	**B/L/A/E EQUAL, NO ADV. SOUNDS**
P/A Examination	:	**SOFT NO TGR/ORGANOMEGALY**

EYE Examination :

EYE SIGHT	LEFT	RIGHT	COLOR VISION	CB ABSENT	Glasses Used	No
DISTANCE VISION	6/6	6/6				
NEAR VISION	N6	N6				

Remarks FIT

Apex Hospital & Trauma Centre PLOT No. 5 SECTOR-6 Dharuhera

Sign & Seal of Medical Officer

DR R K SINGH
MBBS MS DHA
REG. NO. HMC7669

DR R K SINGH
MBBS MS DHA
HMC7669REG. NO. HMC7669

APEX HOSPITAL
TRAUMA CENTRE

APEX HOSPITAL & TRAUMA CENTRE

PLOT No. 5, SECTOR-6 (NEAR NH-8 & SBI), DHARUHERA (REWARI)
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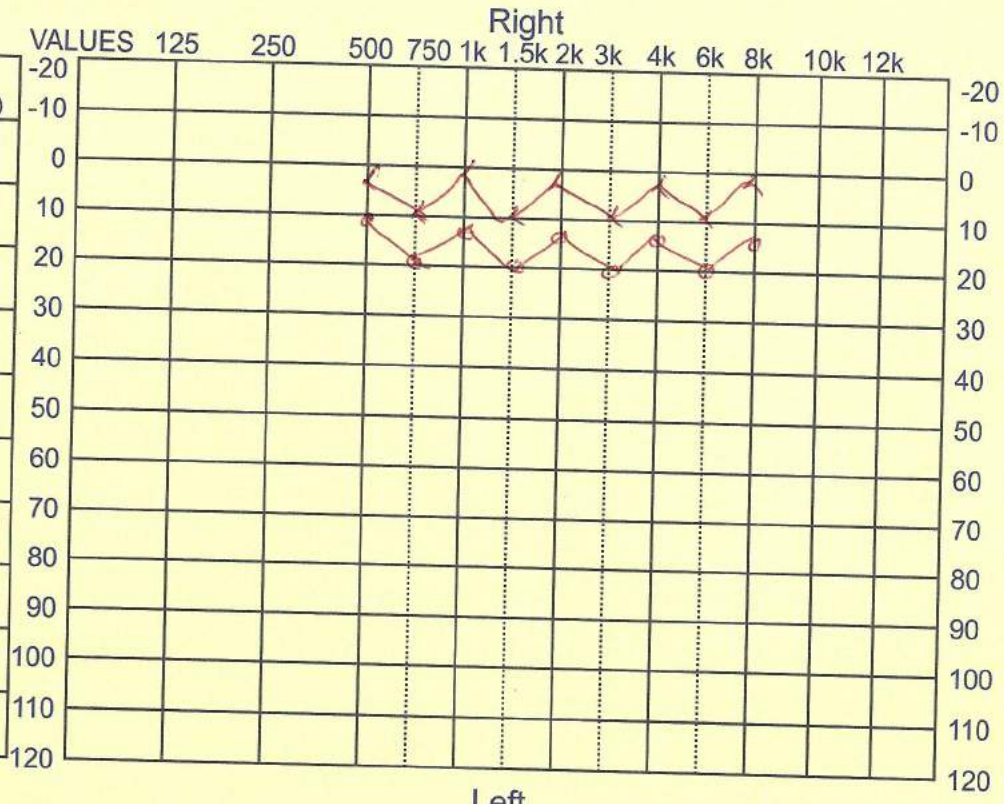
E-mail- apexhospital.rew@gmail.com, website: www.apexhospitalandtraumacentre.com www.apexenthospitaldharuhera.com

AUDIOGRAM

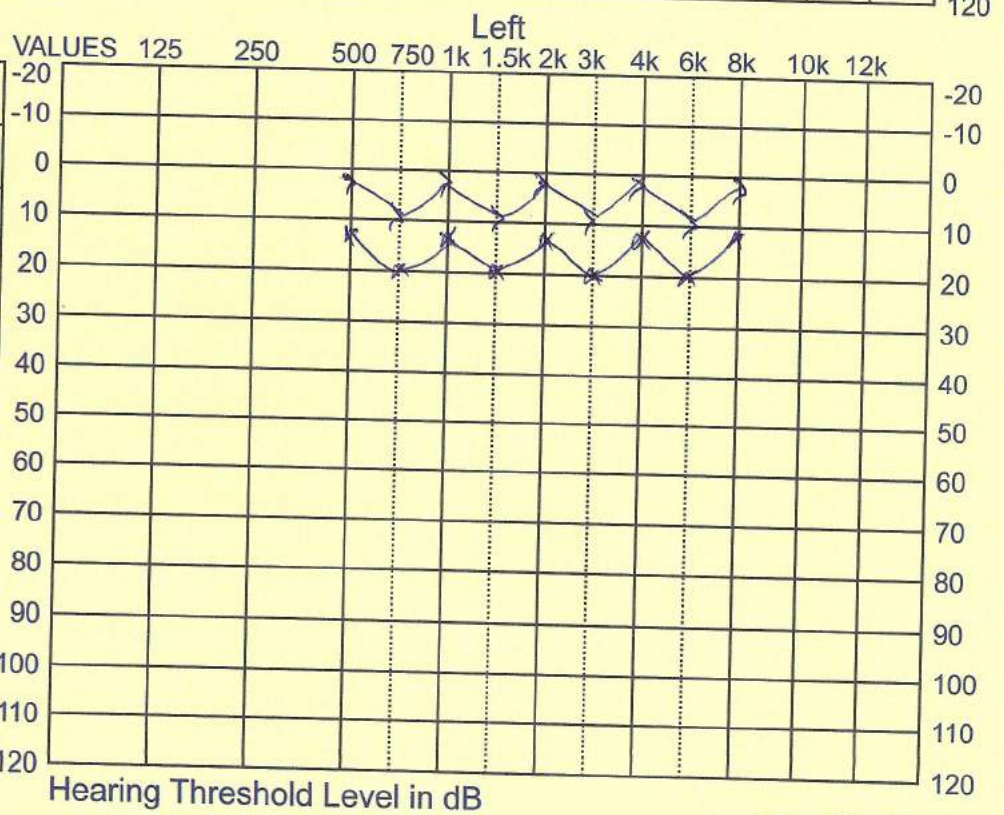
Patient Name 393-70013399 AYUB KHAN Sex M Age 25

Address HONDA CARS INDIA PVT LTD Date 10/12/20

TEST	Right Ear (Red)	Left Ear (Blue)
AIR	O-O	X-X
AIR OPP EAR MASKED	D-D	-
NO RESPONSE	O	X
BONE	<	>
BONE OPP EAR MASKED	[	]
HEARING EVALUATION		
AVE P.T.		
SRT		
PB% CORRECT		
MCL	NO	



TEST	Right Ear	Left Ear
AIR		
AIR OPP EAR MASKED		
NO RESPONSE		
SPECIAL TEST		
RECRUITMENT		
SISI		
T.T.S.		



Hearing Threshold Level in dB

Remarks : NORMAL

Dr. R.K. SINGH
M.B.B.S., M.S., D.H.A.
Regd. No. DMC 7669
Mob. [illegible]

Doctor/Audiologist

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Lab: 8607274999, Ambulance: 9466859160, Ph.: 01274-243374/75

Name : 393 70013399 AYUB KHAN SPC
Mobile No.:
Address : HONDA CAR'S INDIA PVT LTD, Alwar, Rajasthan

Report Date : 10-Dec-2020 20:31:00
Sex/Age : Male/25 Year

HONDA CARS TAPUKARA INTRAEMPLOYMENT MEDICAL CHECK UP

TEST NAME	RESULT	FLAG	UNITS	REF. RANGE	REMARKS
PTA AUDIOMETRY					
PURE TONE AUDIOMETRY RIGHT	**NORMAL**			-	Normal
PURE TONE AUDIOMETRY LEFT	**NORMAL**			-	Normal

DR R K SINGH
MBBS MS DHA
REG. NO. HMC7669

Apex Hospital & Trauma Centre
PLOT No. 5
SECTOR-6
Dharuhera

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Sex/Age : Male/25 Year

HONDA CARS TAPUKARA INTRAEMPLOYMENT MEDICAL CHECK UP

TEST NAME	RESULT	FLAG	UNITS	REF. RANGE	REMARKS
COMPLETE BLOOD COUNT					
HAEMOGLOBIN	**14.0**		MG%	12-16	Normal
TLC POLYMORPHS	**6400**		CEELS/CUMM	4000-11000	Normal
DLC NEUTROPHILS	**70**		%	40-75	Normal
LYMPHOCYTES	**20**		%	20-45	Normal
MONOCYTES	**8**		%	2-10	Normal
EOSINOPHILS	**2**		%	1-6	Normal
BASOPHILS	**0**		%	0-2	Normal

Clinical Description :

The complete blood count (CBC) is a test that evaluates the cells that circulate in blood. Blood consists of three types of cells suspended in fluid called plasma: white blood cells (WBCs), red blood cells (RBCs), and platelets (PLTs). They are produced and mature primarily in the bone marrow and, under normal circumstances, are released into the bloodstream as needed.

A CBC is typically performed using an automated instrument that measures various parameters, including counts of the cells that are present in a person's sample of blood. The results of a CBC can provide information about not only the number of cell types but also can give an indication of the physical characteristics of some of the cells.

Dr. R RAO
CONSULTANT PATHOLOGIST
REG. NO. MMC 2016/06/2454

SACHIN KUMAR

DMLT LAB TECHNICIAN
SP/DMLT/1161/183815REG. NO. SP/DMLT/1161/183815

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Report Date : 10-Dec-2020 20:31:00
Sex/Age : Male/25 Year

HONDA CARS TAPUKARA INTRAEMPLOYMENT MEDICAL CHECK UP

DEPARTMENT OF HAEMATOLOGY					
TEST NAME	**RESULT**	**FLAG**	**UNITS**	**REF. RANGE**	**REMARKS**
ESR					
ESR WESTERGEN	6		mm/hr	0-15	Normal

Clinical Description :

Erythrocyte sedimentation rate (ESR or sed rate) is a test that indirectly measures the degree of inflammation present in the body. The test actually measures the rate of fall (sedimentation) of erythrocytes (red blood cells) in a sample of blood that has been placed into a tall, thin, vertical tube. Results are reported as the millimeters of clear fluid (plasma) that are present at the top portion of the tube after one hour.

When a sample of blood is placed in a tube, the red blood cells normally settle out relatively slowly, leaving little clear plasma. The red cells settle at a faster rate in the presence of an increased level of proteins, particularly proteins called acute phase reactants. The level of acute phase reactants such as C-reactive protein (CRP) and fibrinogen increases in the blood in response to inflammation.

Dr. R RAO
CONSULTANT PATHOLOGIST
REG. NO. MMC 2016/06/2454

Apex Hospital & Trauma Centre PLOT No. 5 SECTOR-6 Dharuhera

SACHIN KUMAR
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Mobile No.:
Address : HONDA CAR'S INDIA PVT LTD, Alwar, Rajasthan

Report Date : 10-Dec-2020 20:31:00
Sex/Age : Male/25 Year

HONDA CARS TAPUKARA INTRAEMPLOYMENT MEDICAL CHECK UP

DEPARTMENT OF MICROBIOLOGY

TEST NAME	RESULT	FLAG	UNITS	REF. RANGE	REMARKS
URINE ROUTINE & MICROSCOPY					
COLOUR	**YELLOW**			-	Normal
PH	**6.4**			6.0-7.2	Normal
APPEARANCE	**CLEAR**			-	Normal
DEPOSITS	**ABSENT**			-	Normal
ALBUMIN	**TRACE**			-	Normal
SUGAR	**NIL**			-	Normal
BILE SALTS	**NIL**			-	Normal
BILE PIGMENTS	**NIL**			-	Normal
UROBILINOGEN	**NIL**			-	Normal
KETONE BODIES	**NIL**			-	Normal
PUS CELLS	**1-2**		/ HPF	0-1	Normal
EPITHELIAL CELLS	**2-3**		/ HPF	2-5	Normal
RBC;S	**NIL**		/ HPF	0-0	Normal
CAST	**NIL**		/ HPF	NIL-NIL	Normal
CRYSTALS	**NIL**		/ HPF	NIL-NIL	Normal

Dr. R RAO
CONSULTANT PATHOLOGIST
REG. NO. MMC 2016/06/2454

Apex Hospital & Trauma Centre PLOT No. 5 SECTOR-6 Dharuhera

SACHIN KUMAR
DMLT LAB TECHNICIAN
SP/DMLT/1161/183815REG. NO. SP/DMLT/1161/183815

APEX HOSPITAL & Trauma Centre

NABH Accredited

PLOT No. 5, SECTOR-6 (NEAR NH-8 & SBI), DHARUHERA (REWARI)
E-mail: apexhospital.rew@gmail.com,
Website: www.apexhospitalandtraumacentre.com
M.: Doctor: 09899334307, Pharmacy, Billing & Registration: 09466959160
Lab: 8607274999, Ambulance: 9466859160, Ph.: 01274-243374/75

Name : 393 70013399 AYUB KHAN SPC
Mobile No.:
Address : HONDA CAR'S INDIA PVT LTD, Alwar, Rajasthan

Report Date : 10-Dec-2020 20:31:00
Sex/Age : Male/25 Year

HONDA CARS TAPUKARA INTRAEMPLOYMENT MEDICAL CHECK UP

DEPARTMENT OF RADIOLOGY AND IMAGING

SKAIGRAM CHEST PA VEIW

Clinical Description :
Trachea is central.
Lung fields are normal in translucency with normal lung markings.
Both domes are normally placed with clear c.p. angles.
Hila and mediastinum appears normal.
Cardiac size and silhouette appears normal.
Bony thoracic cage and soft tissues are unremarkable.

IMPRESSION: - NORMAL SKIAGRAM CHEST

CONSULTANT

Apex Hospital & Trauma Centre PLOT No. 5 SECTOR-6 Dharuhera

X-RAY TECHNICIAN

Annexure 6

2020

Confidential

HONDA

SAFETY AUDIT REPORT

HONDA CARS INDIA LIMITED

SPL-1, Tapukara Industrial Area,
Khushkhera, Alwar (Rajasthan)

21st to 23rd October 2020

RAJENDRA GUPTA

(Certified Safety Auditor from DGFASLI, Ministry of Labour and an accredited safety auditor by Chief Inspector of Factories and Boilers Jaipur, Rajasthan)
Plot No - 2. Model Town, Station Road, Kota-324001 (Raj.)
Contact: +91-8769312044, +91-9057276879,+91-744-2323826
Email: safetyauditor.raj@gmail.com , shakti.anita@gmail.com

ACKNOWLEDGEMENT

We Rajendra Gupta & **team acknowledge** with thanks the co-operation extended to audit team by management and plant personnel during the safety audit **of M/s Honda Cars India Limited, Tapukara.**

Audit team would like to specifically highlight and put on record that the level of co-operation, involvement, transparency and willingness to improve as shown by all levels of staff during the site audit was of highest order witnessed in the auditing profession.

This is to be noted here that this safety audit has been conducted on random sample basis & audit findings presented in this report is based on the evaluation of safety management system of these representative activities & departments only and the data provided to audit team. While, audit team has exercised all possible reasonable skills, care and diligence in carrying out the above audit, the findings shall not be considered as absolute and complete in all respect.

October, 2020

Place: Kota Rajendra Gupta

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SAFETY AUDIT REPORT

REPORT CONTENTS

4. Audit Findings & Recommendations

ANNEXURES

SAFETY AUDIT REPORT

EXECUTIVE SUMMARY

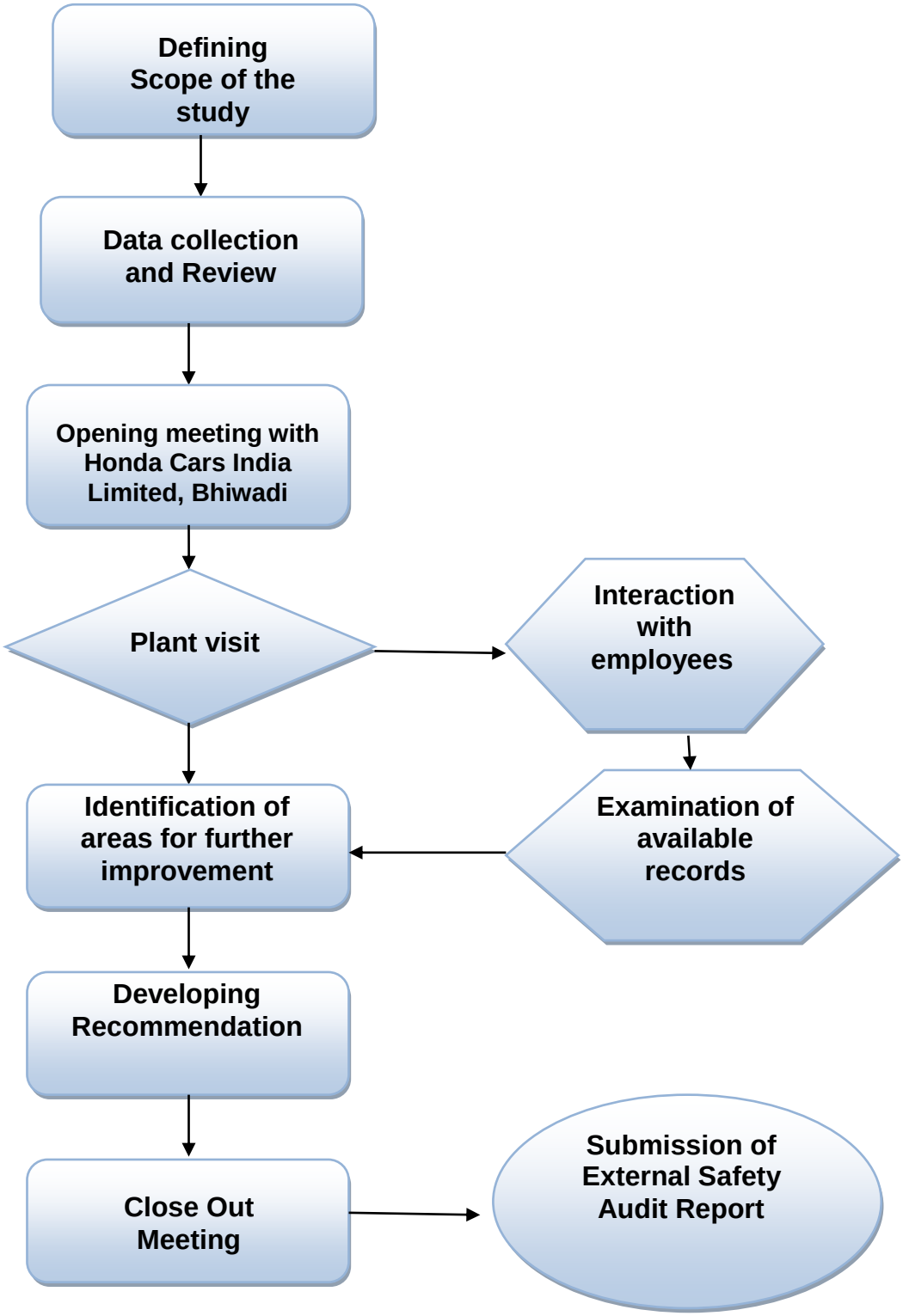
(A) BRIEF INTRODUCTION OF THE PLANT AND AUDIT CRITERIA

Honda Cars India Limited being a safety and socially conscious company has institutionalized a comprehensive safety management system. To further identify the opportunities for improvement in its safety management systems & performance **Honda Cars India Limited** entrusted Rajendra Gupta to conduct safety audit of its plant located at Tapukara in conformity with the following criteria:

- IS 14489:2018 – Occupation Health & Safety Audit.
- Applicable safety legislations .
- Evaluation of **Honda Cars India Limited** safety management systems against globally recognized management systems approaches.

(B) METHODOLOGY OF THE SAFETY AUDIT

Safety Audit at **Honda Cars India Limited** was conducted on representative basis (including high risk activities) as per the agreed audit plan finalized in consultation with Honda Cars India Limited. The audit methodology followed was based on audit checklist/ site specific assessment/ inspection/ interaction with cross section of employees and workers/ activities specific sample observations/ document and record review approaches. Rajendra Gupta's checklists for the safety audit are based mostly on IS: 14489 including various applicable Acts, Rules and standards in particular The Rajasthan State Factory Rules, 1951.


Defining Scope of the study
Data collection and Review
Opening meeting with Honda Cars India Limited, Bhiwadi
Plant visit
Interaction with employees
Examination of available records
Identification of areas for further improvement
Developing Recommendation
Close Out Meeting
Submission of External Safety Audit Report

(C) PROCESS SAFETY & SAFETY MANAGEMENT SYSTEMS

Honda Cars India Limited have institutionalized a structured & documented occupational health and process safety tools. The **key elements of the safety management systems** are:

- **Risk based safety management:** (operational risk assessments)
- **Process safety control measures:** (includes Process Operational Controls with round the clock staff surveillance, process interlocks, On/Off switches, Alarms & Trips, Safety Valves, Leak detectors with sensors)
- **Operational & System Safety:** (includes Hazard Caution notices, Machine Guarding & engineering controls, Safety Work Permit Systems/operational control procedures, Safety Training Programmes, Safety Inspections & Behavioural Safety Observation), Safety Related Campaign Activities, Annual Training Plan, Legal Compliance management, Respiratory & non respiratory PPE, Engineering Work request for proposed technical/process changes, Lifting Equipments Testing, Pressure Vessels Statutory & NDT examinations, Pre Start Up Safety Review, Near Misses / Incident / Accident Reporting & their Investigation , House Keeping, Safety Recognitions)
- **Emergency Preparedness & Management:** includes On Site Emergency Plan / Emergency Response Team (Regular Fire Mock Drills Are Conducted, Emergency Response Centre & OHS Centre, Fire Safety Measures)
- **Safety Administration**: (Safety Function at Assistant Manager Level, Designated Safety Officers, Safety committee meetings).
- **Contractors Safety Management:** (includes induction training, Contractors learning & Competence Control, contractor's safety committee, contractors' meet.)

(D)SAFETY PERFORMANCE TRENDS

Honda Cars India Limited safety performance has been consistently improving from last three years as evident from following safety statistics & trends (Human injury - Lost Time Incidents).

Year	**2017-18**	**2018-19**	**2019-20**	**2020-21 (upto sep. 20)**
Fatality	Nil	Nil	Nil	Nil
Reportable Accidents	Nil	1	1	Nil
Minor Injury	19	25	21	09
Near-miss	31	503	888	56

(E) KEY AUDIT FINDINGS & RECOMMENDATIONS

The key audit findings and audit conclusion based on site inspection, interaction with the personnel and review of records & documentations are described in ***Section 4*** of this Report in detail.

SAFETY AUDIT REPORT

1. BRIEF INTRODUCTION OF THE PLANT

Honda Cars India Ltd. First state-of-the-art manufacturing unit was setup at Greater Noida U.P in 1997. The Green-field is spread across 150 acres of land. The annual capacity of Greater Noida is 1,50,000 units. The company's second manufacturing facility is in Tapukara, Rajasthan. The annual capacity of Tapukara is 1,80,000 units. This facility is spread over 600 acres. The first phase of this facility was inaugurated in Sep-2008 and II phase commissioned in Feb- 2014.

The Honda group is globally recognized for its concern towards environment, safety & conservation of the society in which it operates. Honda Cars India Ltd. follows the same in India for achieving high standards in environmental safety in the various processes of cars manufacturing.

Tapukara plant is manufacturing cars and its components.

- Honda Cars India Ltd. is situated near Tapukara only 2 KM away from Bhiwadi-Alwar Mega Highway, 8 KM away from Bhiwadi town, 22 KM away from Rewari Railway station and 53 KM away from Indira Gandhi International Airport - New Delhi.

- Honda Cars India Ltd., (HCIL) was incorporated in December 1995 for manufacture of technologically advanced latest passenger car to the Indian Customers.

- HCIL facilities at Tapukara: Press Shop (sheet metal body parts) and PT Step-1 (machining of iron parts for engine) under Phase-I started its operation in 2008-09.

- PT Step-2 (die casting and machining of aluminum part for petrol engines) operations started at Tapukara in 2011.

- Further, expansion activities are being carried out in pressure die casting & machining of aluminum parts, modification in machining line of iron parts, mission case assembly and testing and Press Shop.

- Existing power back up facility in the plant is 4.9 MW by 3 Nos DG sets.

- Connected power supply load from JVVNL is 24 MVA.

- HCIL has a storage capacity of propane 100 MT (Two bullets of 50 Ton each), but the company is maintaining a limited stock of 50 MT at present.

- Existing Aluminum melting capacity is 20,000 MT / annum.

- Existing capacity of production at HCIL Tapukara plant for various products / items is stated below: -

PRODUCTIOIN CAPACITY (Existing and Proposed)

Existing production capacity of Tapukra plant is 1,80,000 cars per annum. All the major parts required to assemble a car, such as Sheet Metal parts duly painted, Crank Shaft, Connecting Rod, Engine Head and Engine Block for Petrol and Diesel Engines, Mission Case and Clutch case for Petrol and Diesel Engine, are produced in the plant and some of the other parts are supplied by Venders.

Sheet metal Parts after Press work, Ferrous parts for Power Train, Aluminum Parts for power Train and Cylinder Sleeves are also exported to other Honda Plants for their use.

Familiarization with HONDA

Since its establishment in 1948, Honda Motor Co., Ltd., Japan has remained on the leading edge by providing products of the highest quality that create new values, at a reasonable price, for worldwide customer satisfaction. In addition, the company has conducted its activities with a commitment to environmental protection and enhancing safety in a mobile society.

Maintaining its commitment to achieve the vision of "Value Creation", "Globalization" and "Commitment for the Future, "Honda aims to share joy with its customers worldwide, thus becoming "a company that society wants to exist.

HONDA IS FOUNDED BY SOICHIRO HONDA AT HAMAMATSU, JAPAN (year 1948)

1.1 GENERAL PLANT PARTICULARS

Name of the company:	**Honda Cars India Limited**
Location:	**Tapukara**
Works Address:	SPL-1, TAPUKARA INDUSTRIAL AREA, KHUSHKHERA, ALWAR (RAJASTHAN)
Telephone Numbers:	01493 –522006
Factory license No	**RJ-28528 upto 31 March 2023**

Manufacturing Process Details

Product Name: Different models of Honda Cars and their components for export.

Process Description: Process is mainly divided into three parts. Forging and PT Step-3 are for the production of car engine parts for export and supporting main car line. Third line is mainly car line, with capacity of 1,80,000 cars/annum.

Power Train (Fe) –

A – (Crank Shaft-In forging) HCIL receives iron blocks from supplier. These iron blocks pass through different operations of forging machines. The forged crankshaft is prepared

and sent to crank shaft machining line for several process of machining. After machining crank shaft is sent to GSN (Gas Soft Nitriding) for hardening process. After completion of hardening process crank shaft is ready for use in engines.

B- (Connecting rods) – In forging area connecting rods (Sozai) are received from supplier. Forged connecting rods sent to machining line for several process of machining. After completion of machining process connecting rods are ready for use in engines.

Capacity of forging plant is high, therefore, some of the forged crank shafts & connecting rods are sent to PT Step 1 for machining & hardening. At this stage forging of connecting rod and crank shaft are also exported to other plants.

Currently, some finish parts of PT Step-1 are going for Honda Greater Noida Plant for car production (as on requirement basis) and remaining parts is going for IPD department for export to other plants of Honda situated in Thailand, Japan, Philippines etc.

C- Press shop: It supplies sheet metal component to weld shop wherein these components are welded to form shell body. This shell body is further being painted in paint shop along with molding and painting of plastic parts.

Furthermore, child parts from supplier and along with the help of self generated parts, cars engines are assembled in assembly engine shop.

Finally, is assembly frame shop, painted body from paint shop, painted plastic parts from POPA and assembled engine from AE are assembled along with other fixtures like doors, wind shield, seats, etc to finally produce a car, of which the quality is checked by vehicle quality department.

Power train: The "State-of-the-Art" manufacturing facility will be set up in line with the required production process and part storage as per Honda standards.

Manufacturing process of Diesel Project is given below:

Die Casting: First of all, the Aluminium ingots are received as raw material. The aluminium ingots are melted in the furnace for making aluminium die casting parts.

Low Pressure Die Casting (LPDC): After melting, the molten aluminium goes for degassing process. After degassing molten metal is sent to LPDC machine for making the casting pre cast. Sand modules are inserted in the die and molten metal is poured in the die. After cooling the die is opened and casting is being made ready. Later, casting is sent for Heat treatment (T 5 Furnace capacity 41 Pieces / Hour). After heat treatment it goes for fettling process for removal of flash. After flash removal finished low pressure die casting part is ready to use in car.

High Pressure Die Casting (HPDC): It works under complete automatic operation. The aluminium ingots are fed into the HPDC melting cum holding furnace. The ingots are melted and degasified. The molten is moved from furnace through auto ladle and injected into the mould. After cooling off, it goes for fettling for removal of flash. After flash removal finished high pressure die casting parts are ready for machining.

Machining: On receipt of casting from HPDC or LPDC, it is sent to surface milling machine for surface milling. After surface milling it goes for Drilling machine various drilling operation. After completion of drilling operation, it goes for boring machine for various boring operation. After boring operation, it goes for honing operation. After honing operation component goes for washing. After washing it goes for leak testing then few child parts to be fixed in it.

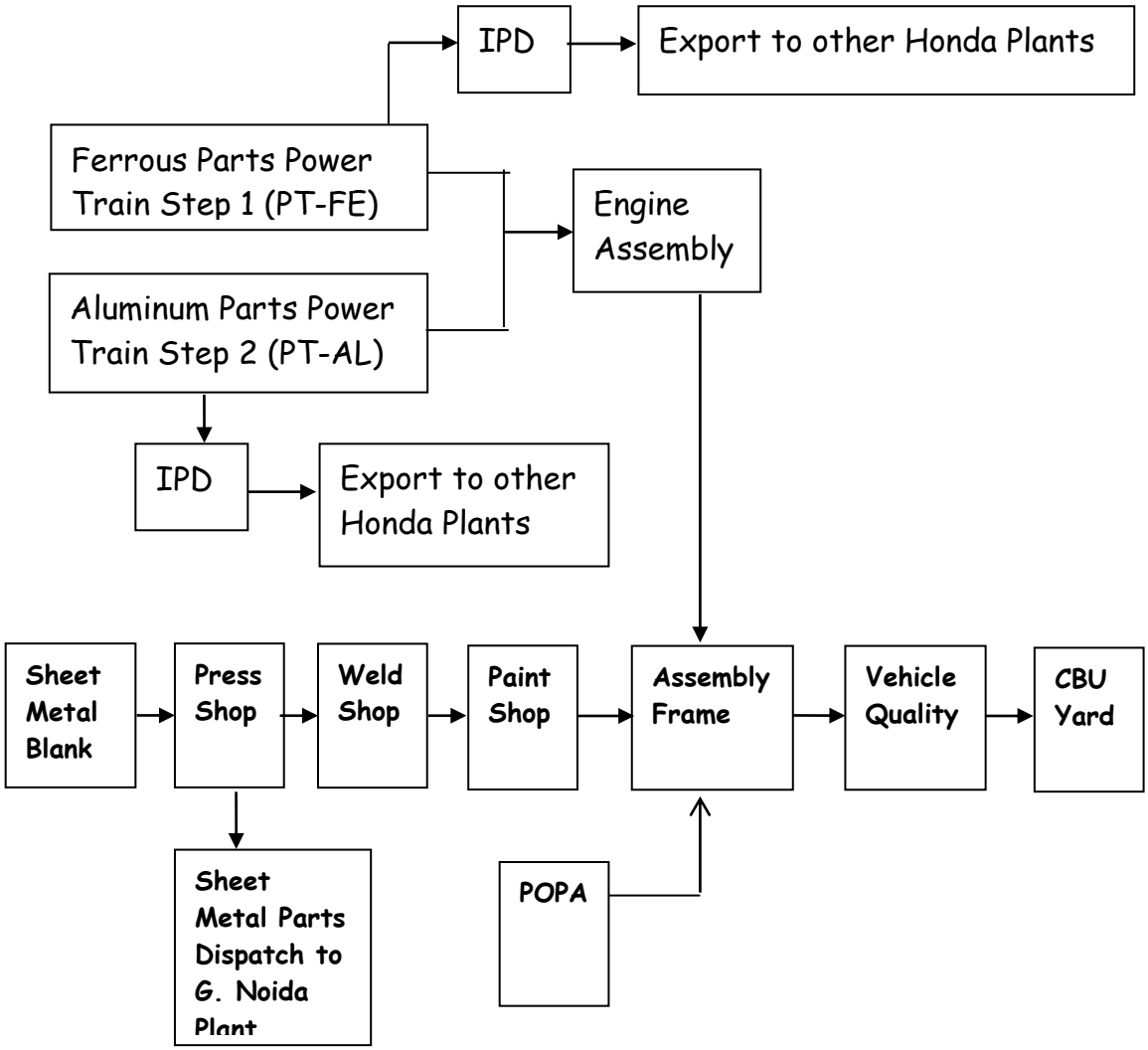
Packing & Dispatch: After fixing the child parts the final part goes to quality inspection. Later, it is sent to engine or mission assembly line. These parts are to be sent to Greater Noida Plant or Internal consumption or for Export packing as per demand.

Various departments in the plant: -

PT SECTION	**FRAME SECTION**	**SCM SECTION**	**OTHER SECTIONS**
PT – FE	Press Shop	Plant Logistic Control	Vehicle Quality
PT-AL Die Casting	Weld Shop	Utility	CBU Yard
PT AL Machining	Paint Shop	Plant Kanri	General Administration
PT – Kanri	Assembly Frame	IPD	QDD
Mission Assembly	Plastic Object and Paint Application – POPA	Production Control	Engine Test Bench and Test Track

PROCESS FLOW CHART

General process flow chart for production of passenger car in HCIL, Tapukara plant is described as below: -



2. AUDIT METHODOLOGY AND APPROACH:

2.1 SCOPE OF WORK & OBJECTIVES OF SAFETY AUDIT

The audit scope covered the following:

i) Facilities Audit

The facility audit is concerned with various plant related safety factors. **Honda Cars India Limited** facilities audit functions, which are to be audited include but not restricted to:

a) Building Areas
b) Control Systems
c) Documentation and training
d) Instrumentation
e) Other Equipment
f) Personnel Health and Safety (PPE's, first Aid, Health Check up, etc.)
g) Piping
h) Procedures
i) Safety of Equipment
j) Safety and reliability of utilities
k) Active and passive safety devices
l) Safety System Audits

ii) Safety management Systems

The key aspects, which are to be studied in details in the SAFETY Audit, include:

- Leadership, administration and training
- Structured occupational health and safety management system and SAFETY policy,
- Planned in house and external inspections and maintenance
- Critical Task Analysis (CTA), Job Safety Analysis (JSA) and procedures.
- Incident/accident investigations and reporting (major, minor and near miss)
- Plant Rules sand work permits systems
- Job knowledge and job Training
- PPE use, availability, etc.
- Health and hygiene control
- Evaluation of safety systems
- Management of Change (plant modification, etc.)
- Communications with people and in groups
- Promotion and recruitment polices and safety
- Management of critical spares, materials and plant services

iii) Statutory Compliance Audit

The detailed compliance audit would evaluate the status of compliance (through questionnaire and site inspection, discussions with the plant staff, in particular Rajasthan

State Factory Rules, 1951 and others. The audit methodology to confirm IS14489:2018– Code of Practices on Occupational Safety and Health Audit.

Following documents were reviewed during the audit:

1. OH&S policy
2. Safety organization chart
3. Record of hazard identification & risk assessment/ HAZOP studies
4. Training records on safety, fire-fighting and first-aid
5. Record of plant safety inspection
6. Incident investigation reports
7. Safety Observation, Incidents and dangerous occurrences – statistics and analysis
8. Record of tests and examinations of equipment and structures
9. Safety standards, operating procedures for various operations
10. Record of work permit
11. Record of monitoring of flammable and explosives substances at work place
12. Maintenance and testing records of fire detection and fire fighting equipment
13. Medical records of employees
14. Records of industrial hygiene surveys (noise, illumination levels, etc)
15. Material safety data sheets
16. On-site emergency plans and record of Mock Drills
17. Records of waste disposal
18. Minutes of safety committee meetings
19. Approval of layouts; and other approval from statutory authorities
20. Records of modifications carried out in plant or process
21. Maintenance procedure records
22. Calibration and testing records
23. Records of previous audits
24. Safety in transportation of hazardous substances

Visit involved the conduct of the site audit with opening & closing meeting followed by preparation & submission of the report. Opening meeting for safety audit with safety department executives was held on **21st October** with the aim to:

- Introduce the members of the safety audit team to Safety department executive of **Honda Cars India Limited** Review the scope objectives & plan of the audit.

- Provide a short summary of the methods and procedures to be used to conduct the audit.
- Establish the official communication links between audit team & **Honda Cars India Limited** personnel.
- Confirm that the resources and facilities needed by the audit team are available.
- Discuss with the Safety department executive of **Honda Cars India Limited**, the area of concern and suggested areas of focus.
- Confirm the time and date of closing meeting and any interim meeting of the audit team and Safety department executive of **Honda Cars India Limited**.

  The audit findings were informally reported to the personnel at plant during the closing meeting. The list of participant for closing meeting is available with the Safety department.

3. THE AUDIT OBSERVATIONS

The audit observations based on representative site assessment are described below:

Note: The audit findings including improvement opportunities for applicable areas are described in Section 4.0 along with the suggested remedial actions.

3.1 OCCUPATIONAL HEALTH & SAFETY POLICY

Honda Cars India Limited has documented a specific Environment, Occupational Health & Safety Policy. This is signed by President and CEO. It was revised on 01 April, 2019. This policy is displayed at locations prominently and comprehensively communicated through Intranet, cards, newsletters and in training programmes.

3.2 HAZOP/OPERATIONAL HAZARD IDENTIFICATION & RISK ASSESSMENT

Process Level: Being a process industry, hazard identification and Risk Assessment studies are conducted before every product change. There is a defined & documented hazard identification and Risk Assessment studies procedure in place to identify hazards & appropriate risk control measures.

A Hazard identification and Risk assessment team is constituted for these studies. Hazard identification and Risk Assessment studies recommendations are implemented to ensure process safety. HAZOP for decommissioning of any facility needs to be included as an improvement. At **operational level**, Hazard Identification and Risk Assessment (HIRA) procedure has been carried out to integrate process safety.

3.3 MAJOR ACCIDENT POTENTIAL INSTALLATIONS

- **Honda Cars India Limited** has developed an On-site Emergency Management Plan for Tapukara Works & confirmed submission to Rajasthan State Factory Inspector Office.

- There are Process Operational Controls, Interlocks, Trips & Safe Work Procedures, alarms based on Hazard identification and risk assessment studies as a part of process technology supplier.

3.4 LEGAL AND OTHER REQUIREMENTS

The statuses of legal compliance/statutory requirements are up to the mark. The copy of the status is enclosed.

3.5 SAFETY DEPARTMENT

The Honda Cars India Limited has established a safety fire and environment department. The department is headed by Mr. Pravin Chaudhari (HOD-EHS) is reporting to Mr. Nagesh Kumar Gupta (General Manager & Div. Head – Buss. Adm.) who is equivalent to Factory Manager.

The key functions of the Safety department are:

- Hazard identification & risk assessment Coordination
- Safety policy & procedures development & implementation
- Inspection, arranging testing and certification
- Organizing Training programs for Executives, Supervisors, technicians, Contractor technicians
- Training, Licensing and authorization
- Regular Updation of "On- site Emergency plan" as and when required & communication
- Preparation, modification and monitoring of different work permits like Hot Work, Working at height, Confined space entry, operational controls, use of PPEs etc.
- Incident Reporting, investigation & analysis
- Safety awareness & events
- Hazard Identification, Safety Inspections, safety observations & Assistance to safety committee
- Reporting to top management

3.6 SAFETY COMMITTEE

The Company has a Safety committee. Mr. Sunil Jethani (Factory Manager) is the Chairman and Mr. Amit Gaur is the secretary. The committee consists of about 52 members comprising of equal participation of management and workers.

The committee is having very large number of members and it will not be possible to discuss the points in such large groups. There is a need to check the feasibility to constitute committees in layers like, appex committee, department committee, etc.

3.7 SAFETY BUDGET

Honda Cars India Limited integrates safety budget/ requirements at the selection of Technology stage. At the operational level annual safety budgeting is done by the safety department; and there is no restriction towards investment for safety

3.8 TRAINING, AWARENESS AND COMPETENCE

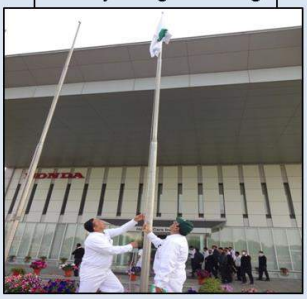
Safety motivation, awareness & skill development training programs are available for implementation at the plant. Annual safety training plan is prepared. The status of Training (man-hours) for last three years is shown below:

Subjects	**2017-18**		**2018-19**		**2019-20**	
Category	**Associate**	**MA's**	**Associate**	**MA's**	**Associate**	**MA's**
EHS Training	1055	8370	1125	8455	1187	8568

Safety campaigns were regularly organized in 2019-20 for employee & workers' awareness including safety week celebrations. Company also organise Road Safety Week, World Environment day.

Safety Week Celebration (04th Mar ~ 11th Mar'20)

Safety Flag Hoisting



Safety Oath by all Associate

Lamp Lightening in Kick of Meeting

Fire Fighting Training to Female Associate

Signature on Safety Board by M. Nakatani San (Mfg. Director)

Safety Skit Competition

3.9 CONSTRUCTION SAFETY

Honda Cars India Limited stipulates general contract conditions on safety to all contractors for safety assurance. Induction & regular training programs are conducted by Safety department for contractors' workmen. The system of inspection, work permit & audits is implemented.

3.10 CONSULTATION AND COMMUNICATION

Various forms of safety communications & engagement are in place including safety pledge, training & departmental committee meetings & safety observation systems. Safety campaigns are conducted for workers participation & involvement.

3.11 SAFETY INSPECTIONS / OBSERVATION AND INTERNAL AUDIT/ REVIEWS

Regular fire & safety inspections are carried out on shift & random basis by safety personnel and department specific/ company level management reviews are conducted to address the findings.

3.12 OCCUPATIONAL HEALTH

The pre employment & annual health surveillance programmes are in place. There is a full time OHS centre with staffing in the plant along with fully equipped ambulance.

3.13 INCIDENT REPORTING AND INVESTIGATION SYSTEM

Honda Cars India Limited has incident recording and analysis system for reporting of incidents and first aid cases. Incidents are investigated in systematic manner and corrective actions are taken timely manner as required.

3.14 SAFETY PERFORMANCE

Honda Cars India Limited safety performance has been consistently improving from last three years.

3.15 HOUSE KEEPING

- The passages, floors and stairways are mostly in good condition. The system is available to deal with the any spillage of chemical at the plant.
- Sufficient disposable bins are clearly marked and these are suitably located in the plant.
- Walkways / Inside and outside plant battery limits are clearly marked and free from obstructions in the plant areas.
- Roads within the plant are maintained neat and clean.

3.16 NOISE

- The annual noise monitoring is being regularly conducted and record is maintained.
- High noise generating source / areas have been identified.
- Personal protective equipment are provided to workers.

3.17 VENTILATION

- Natural ventilation and forced ventilation arrangements are provided at different locations in the plant to maintain the work environment.

- Personal protective equipment (i.e. nose masks) are provided to workers exposed to prevent exposure/ protection from dust/fumes and gases.

3.18 ILLUMINATION

- Periodic illumination monitoring is undertaken and actions are taken.

3.19 PERSONNEL PROTECTIVE EQUIPMENT (PPE)

- The workers have been trained in proper use of PPEs. PPEs procured at the plant are in conformance to the IS or equivalent standards as applicable. For helmets IS: 2925 is followed.

- Helmet, glove, goggle and plugs are available as PPEs at the plant.

- SCBA are available with different departments.
- The Safety Shoes, Helmet & safety goggles are the mandatory PPE in the plant operational areas.
- PPEs used during work at height in plant are Full body harness, Fall Arrestor, Safety net, Crawling ladder apart from these **Honda Cars India Limited** also have extension ladders.
- For electrical safety electrician were using electric resistance shoes & rubber hand gloves.
- The Company has framed its PPE policy which is complied in entire operational areas.

3.20 FIRE PROTECTION

After installation of Fire Hydrant system in plant, new operation/production areas have been added and Fire Hydrant System was extended to these new areas with same available Fire Pumps.

Fire hydrant facilities and portable fire extinguishers are available at the plant.

- In every shift trained fire man are available on duty.
- Fire extinguishers are available at the various locations in the plant and are inspected periodically.
- The fire drills are conducted & recorded.
- The plant has mutual aid scheme with its neighboring companies for an unlikely event of emergency.

3.21 COMMUNICATION SYSTEM ADOPTED IN PLANT

- Emergency siren is provided in the plant areas. This is periodically tested and records are maintained.
- The means of communicating emergency cell phone, internal telephones, PA Systems in all plants etc are available in the plant.

3. 22 ON SITE-EMERGENCY RESPONSE PLAN

Honda Cars India Limited has developed and implemented a detailed Emergency Response Plan. A dedicated Emergency Control Centre is also identified with infrastructure.

3.23 MAINTENANCE SYSTEM

Regular Preventive & breakdown Maintenance schedules were found in place as a part of maintenance management system.

3.24 COLOUR CODING OF PIPING

There is a color-coding of painting of piping and utility lines as per international standard (as per technology providers) and is displayed in plant areas**.**

3.25 MANAGEMENT OF CHANGE SYSTEM

The Modification of Work Order Process / Pre Start up Review is implemented to ensure control on management of change to identify process hazards & control measures.

3.26 WORK PERMIT SYSTEM

Work permit with prior positive isolation system has been implemented at the **Honda Cars India Limited**. This work permits system is enforced for following activities:

Sr. No.	Title	(Yes / No)
1	Hot work	Yes
2	Confined space work	Yes
3	Height work	Yes
4	Excavation	Yes
5	Electrical work	Yes

3.27 MACHINES, LIFTING MACHINES & TACKLES / PRESSURE VESSLES & PLANTS

- The guarding & operational control measures are provided for the safe working of machines.
- The lifting machines are mostly marked with their SWL in conspicuous manner.
- All the examinations and tests are conducted and documented in the prescribed form by competent person & record is maintained.

3.28 MATERIAL HANDLING & EQUIPMENT

- All the material handling mobile equipments have preventive maintenance & inspection system to maintain their up-keep and were observed in good condition. Material handling areas are clearly defined and storage facilities available at the plant.
- Racks are mostly in good condition.
- Equipments are available for handling materials and cylinders.

- The workers are informed about the hazards associated with manual material handling through training programmes. Use of safety helmet, safety shoes, gloves, respiratory protection etc are mandatory during material handling.
- Predictive and preventive maintenance schedules are available for material handling equipment and followed.

  However, it is observed that hazardous waste is not handled properly, the material is not kept in the designated bins, and employees are not using PPEs while handling harzardous waste, the transportation of hazardous waste is also not as per the requirement.

3.29 ACCESS & EXIT

- Safe access has been provided in the plant where workers need to work and all such access are in good condition with conspicuous EXIT displays.

3.30 TRANSPORT & ROAD SAFETY

- The company employs only licensed vehicles from outside sources for transportation of its vehicles/goods and employees. The vehicle inspections are carried out for authorized drivers & vehicle fitness.
- The vehicles are parked at designated places in the plant.
- Safety Signage provided inside the plant.

3.31 ELECTRICAL AND PERSONAL SAFEGUARDING

- The electrical installations are approved by the Chief Electrical Inspectorate for energization and the inspection/approval certificates are obtained.
- Isolation system exists and followed effectively during electrical maintenance. A work permit system is available for electrical maintenance, which is part of maintenance work permit, is being followed for electrical work.
- Cardio Pulmonary Resucitation (CPR) chart are displayed in required location in plant. Cardio Pulmonary Resuscitation procedure should be prominently displayed in local language also.

3.32 PRESSURE PLANTS

- The pressure plants are provided with interlocks/ trips/ Isolation & drainage valves.
- The Gas detectors are also provided in plants.
- The statutory tests & examinations are conducted and documented in the prescribed form by competent person & record is maintained. The audit findings

as identified during the site audit are based on interaction with the personnel, sample site assessment and review of records & documentation.

4.1 Audit Findings

Company has obtained regulatory licenses/ permits as required under various applicable safety statutes namely Factory Act, 1948; The Rajasthan State Factory Rules, 1951; The MSIHC Rules, 1989/2000, Indian Electricity Rules, 1956/2005, The Petroleum Rules, 2000. The Gas Cylinder Rules, 2004 and maintains the records**.**

Key Safety measures / processes at Honda Cars India Limited are summarized below:

- **Honda Cars India Limited has institutionalized a structured & documented occupational health & safety management systems. The key elements of the safety management systems at the site are:**

- Risk based safety management (operational risk assessments)

- Process safety control measures (Iinterlocks, On / Off switches, Alarms & Leak detectors)

- Operational & System Safety (including Hazard Caution notices, Machine Guarding & engineering controls, Safety Work Permit Systems/operational control procedures, Safety Training Programmes, Safety Inspections & Behavioral Safety Observation, safety Training programmes), Safety Related Campaign Activities, Annual Training Plan, Legal Compliance management, Respiratory & non respiratory PPE Engineering Work request for proposed technical/process changes, Lifting Equipments Testing, Pressure Vessels Statutory & NDT examinations, Pre Start Up Safety Review, Near Misses / Incident / Accident Reporting & their Investigation , House Keeping, Safety Recognitions. The site maintains Occupational Health & Safety Management Systems.)

- Emergency Preparedness & Management (including On site Emergency Plan / Emergency Response Team (Regular Fire Mock Drills are Conducted, Emergency Response Centre & OHS Centre, Fire Safety Measures)

- Safety Administration : Safety Function at Plant In charge Level , Designated Safety Officers (safety supervisors), Safety committee meetings and department safety coordinators.

- Contractors Safety Management (including induction training, Contractors Gallery & Competence Control.

Honda Car India Ltd.

OBSERVATIONS & RECCOMMENDATION

Positive (Good) Observations

1. Awareness & Measures for Covid-19 Prevention.
   Arrangement of Hand washing made at entrance gate. Security guard on duty was ensuring that everybody should enter the plant premises after proper hand washing, human temperature monitoring, Nose masks /Face shields should be used by all the incoming persons.
2. Displays regarding Dos & Don'ts for Covid-19 awareness are visible.
3. Housekeeping standard inside the whole plant was very good.
4. Smart locks are provided at the entrance of propane storage / ammonia storage area.
5. Adherence of PPE's was good at Genba.
6. Inspection and maintenance record of all fire equipment found available.
7. Touch free operating system provided on water cooler.
8. Safety and awareness signage displayed in Hazardous Chemical store

Plant visit

S.N.	Description of the observations	Reference	Remarks/Suggested Remedial Actions, if any
1.	Blank / Blind flange not provided on the hoses for unloading the propane from the tankers.	Propane storage	Blank / Blind flange to be provided on the hoses for unloading the propane from the tankers to prevent any reptile in the hoses. (closure done during audit)
2.	Jumper / Bonding strip not provided on the end flange of drain lines of bullets.		Jumper / Bonding strip to be provided on the end flange of drain lines of bullets. (closure done during audit)

SAFETY AUDIT REPORT

S.N.	Description of the observations	Reference	Remarks/Suggested Remedial Actions, if any
3.	SCBA check sheet is not available in control room. SCBA check sheet do not have pressure parameter of the cylinder. Emergency handling cartridge, gas masks are kept open in the Amirah.	Ammonia storage	SCBA check sheet to be displayed in control room. SCBA check sheet to be reviewed. Ensure that cartridge should be provided with cover and mask should be kept in a polythene cover.
4.	Lot of dust accumulation observed. Company has a system to measure thicknesses of all Hazardous chemical pipelines at regular frequency, however it is observed that minimum thickness requirement is not calculated.		Minimum required thickness to be calculated for the reference.
5.	On one fork lift indication light (Daytime Running Light) is not working. Presently warning indication lights are provided on fork lift cabins. Horizontal deployment to be done for improvement purpose.	Casting area	Ensure that all the indication lights of fork lift should be in working order to warn the people. Feasibility to be checked to provide warning indications lights upto the fork length.
6.	Air receiver capacity $30m^3$ – working platform not provided on the top of the air receiver. Feasibility to be checked in this regard. However,	Entrance forging area	Feasibility to be checked for providing working platform with ladder on the top of the air receiver.

SAFETY AUDIT REPORT

S.N.	Description of the observations	Reference	Remarks/Suggested Remedial Actions, if any
	there are no regular activity is being performed on the top of the vessel.		
7.	Presently no fire detection system is available in the packing material small storage area while flammable material is kept / stored in the area.	PO/PLC dock area	Feasibility to be checked to provide fire detection system in the area.
8.	One eye washer at the entrance of the area, the water line is not insulated to prevent the increase of temperature of water in the summer season.	Hazardous chemical storage	Water line to be insulated or ensure that normal temperature water should be available in summer season also.
9.	One ordinary light is installed inside the fencing area.		Ensure that there should not be any ordinary light inside the licensed area. (Closure done during audit)
10.	Coupling guard is not provided on the flange of one pump.	WWTP (Utility)	Ensure that all moving parts in the plant should be adequately guarded. (Closure done during audit)
11.	Hot work was going on but Permit copy was not available at site as Online work permit system implemented by HCIL.	EHS	Final approved work permit copy printout must be available at site for awareness of workers and precautions to check point mentioned in Work Permit.
12.	The Occupational Safety, Health and Working conditions code, 2020-No. 37 of		Ensure the compliance of the Gazette notification.

SAFETY AUDIT REPORT

S.N.	Description of the observations	Reference	Remarks/Suggested Remedial Actions, if any
	2020 : Factory carrying on hazardous process wherein two hundred fifty workers or more, the employer shall also appoint such number of safety officers, who shall possess such qualifications and perform such duties, as may be prescribed by appropriate Government.		

1.0 PURPOSE:

The purpose of this procedure is to lay down guidelines for handling the emergency situations in case of leakage of ammonia.

2.0 SCOPE:

This procedure is applicable to HCIL, Tapukara

3.0 DEFINITIONS:

- EMERGENCY CONTROLLER is the person who assumes absolute control of the Unit and determines action necessary to control the emergency.

- ADMINISTRATION CONTROLLER is the person who coordinates for effective laisioning & providing administrative support & transportation during emergency.

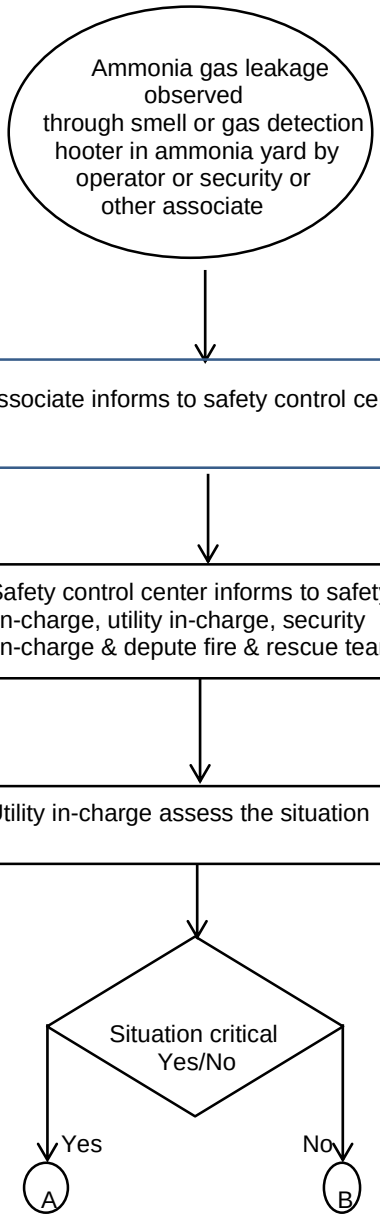
- UTILITY IN-CHARGE is the person who goes to the scene of the emergency and supervises the actions necessary to overcome the emergency at the site of the accident.

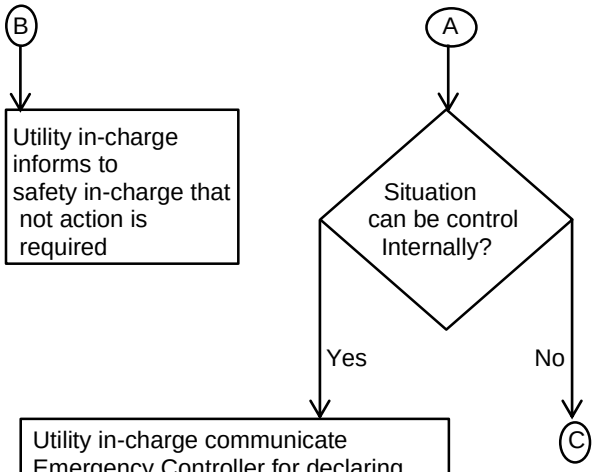
4.0 Roles:

	Emergency Controller	**Incident Controller**	**Administration Controller**
Main	Plant Manager	HOD - Utility	Div. Head - GA
Alternate	Div. Head - GA	Area Safety Coordinator	Head – Security
Alternate	Div. Head – Buss. Adm.	Shift In-charge	Head – HR & IR

	Safety in-charge	**Security in-charge**	**Medical in-charge**
Main	Head - Safety	Head – Security	HOD – Health Center
Alternate	Shift in-charge	Shift in-charge	Shift in-charge

5.0 PROCEDURE:

Sr. No.	PROCESS FLOW	DESCRIPTION	RESPONSI-BILITY
5.1			
5.2		If an associate or security guard observes gas leakage ammonia storage area he informs to safety control center at Tel no. 9783801094 or through walky- talky (band no. 2).	Concerned associate / Security guard
5.3		Safety control center informs the utility in-charge & security In-charge and depute fire & rescue team	Safety Control Center
5.4		Utility in-charge goes to the site and assess the situation	Utility in-charge
5.5		Utility in-charge decides whether situation is critical or not	Utility in-charge

Sr. No.	PROCESS FLOW	DESCRIPTION	RESPONSI-BILITY
5.6		If situation is not critical than utility in-charge decides that no action is required	Utility in-charge
5.7	Utility in-charge communicate Emergency Controller for declaring Emergency	If the situation can be controlled internally the utility in-charge informs safety in-charge. Safety in-charge will take permission from emergency controller for declaring emergency. After permission he announce the emergency through PA system	Utility in-charge Safety in-charge
5.8	Evacuation In case of major leakage, evacuate affected / Injured/ non-essential persons from the Ammonia yard and plant areas to Assembly point. Announcement shall be made on PA system. After evacuation roll call shall be taken.	Evacuation is carried out by the shift in-charges of affected area upon hearing the announcement from the PA system	Shift in-charges of affected area
5.9	Cordoning Nearby area of Ammonia storage yard shall be cordoned off / road blockage shall be done by the security team which shall not allow non-essential person or any vehicle inside this area.	Cordoning is carried out by Security in-charge and Security team	Security In-charge
5.10	Rescue Rescue the injured person by using stretcher/ambulance & provide first aid. Arrange further treatment if required. Rescuers to wear chemical masks	Rescue is carried out by fire & rescue team. Treatment will be provided by health center	Fire & rescue team Medical in-charge

Sr. No.	PROCESS FLOW	DESCRIPTION	RESPONSI-BILITY
5.11	Mitigation 1) The fire & security team shall take measures to avoid spreading of Ammonia gas by spraying water through Sprinklers, Water monitors, etc. 2) Utility team will control the leakage & Isolate the supply valves with the help of non-sparking tools. 3) Wear appropriate PPE's like BA set & suit	Mitigation is carried out by fire team, security team & utility team	Safety in-charge, security in-charge, utility in-charge
5.12	Salvaging The security team shall carry out search & take custody of the valuables from the nearby area (Use PPEs :chemical mask)	Salvaging is carried out by the security team	Security in-charge
5.13	Reporting & Communicating End of emergency situation & communicate to all concerned that the emergency is contained. Utility in-charge to make a report of the incident & inform the emergency controller.	If the situation is under control than utility in-charge report to emergency controller	Utility in-charge
5.14	C Situation requires External help Safety in-charge inform to emergency controller & administration controller for external help from nearby fire station, mutual aid neighboring industries, hospital & local govt. agencies. Simultaneously all the internal emergency control activities like evacuation, rescue, mitigation etc. shall continue.	If the situation requires external help the same shall be obtained from various sources.	Administration controller
5.15	Emergency situation under control, check for normalcy. Communicate the normalcy on PA system. Utility in-charge to make a report of the incident & inform the emergency controller.	If the situation is under control than utility in-charge reports to Safety In-charge & emergency controller.	Utility In-charge

6.0 **Records:** Records of incidents if any.

Navid Shoukat Talib	Krishan Swaroop Malik	Rabindra Singh	Nagesh Kumar Gupta	Pravin Chaudhari	Amit Gaur / Yogendra Singh	Pradeep Mittal
Approved by	Reviewed by	Reviewed by	Reviewed by	Reviewed by	Checked by	Prepared by

Emergency (Rescue - Communication- Investigation) Route

Accident / Fire / Traffic Accident

STEP-1
Rescue Route
Rescue injured person (Medical Officer)

STEP-2
Information Route
Information Flow
Concerned Area Safety Coordinator / Shift In-charge / Associate

STEP-3
Investigation Route
Investigation of accident

Medical officer (Dr. Amit Tyagi) **Medical Assistant** (Shift Incharge)

Security (HOD/Shift Incharge)

HOD / Div. Head / Operating Head (Concerned Dept. / Division / Operation)

Utility (Shift In-charge)

Safety (Mr. Yogendra Singh / Shift Incharge)

Medical officer (Dr.Amit Tyagi) **Medical Assistant** (Shift Incharge)

Div. Head Associate Relations (Mr. Manish Gupta)

HOD - Utility (Mr. Kamal Joshi)

HOD - EHS (Mr. Pravin Chaudhari)

HOD (Concerned-Dept.) **Safety Coordinator** (Concerned-Dept.) **Safety** (Safety In-charge / HOD)

Designated hospital:

City Nursing Home-Bhiwadi
Ph:01493-221700

Apex Hospital & Trauma Center-Dharuhera
Ph:01274-243374

Gopinath Hospital-Bhiwadi
Mob:097843 33863

SA /SE /SSE (Concerned Dept. /Div.)

Mr. N. K. Gupta (Div. Head - EHS)

Mr. T. Bitchu (SCE - Mfg.)

Mr. K. S. Malik (Op. Head - PT)

Mr. Rabindra Singh (Op. Head - GA)

Reporting to statutory authorities, media, if required.

Mr. M. Nakatani (SVP & DIR-MFG)

Mr. N. S. Talib (OP. Head - MFG)

Mr. P. Paranjape (SVP & Dir. GA)

Mr. K. Iwashita (Dir. GA)

Mr. G. Nakanishi (President & CEO)

PPO - Safety (ASH)

Emergency Contact Numbers

Name	Mobile No.	Name	Mobile No.
Safety (Shift Incharge)	97838 01094 91161 96739	Mr. Yogendra Singh Safety Incharge	97722 08602
		Mr.Pravin Chaudhari HOD - EHS	99102 26817
Health Center (Shift Incharge)	91166 34366 97722 06044	Dr. Amit Tyagi HOD (Health Center)	97838 01089
Security (Shift Incharge)	73579 11333 99833 44515	Mr. Shamsher Singh HOD (Estate Mgmt)	97838 01079
Utility (Shift Incharge)	77288 99307	Mr. Kamal Joshi HOD (Utility)	99833 44222
AR (Dheeraj Chauhan)	99833 31784	Mr. Manish Gupta Div. Head (AR)	97722 08710

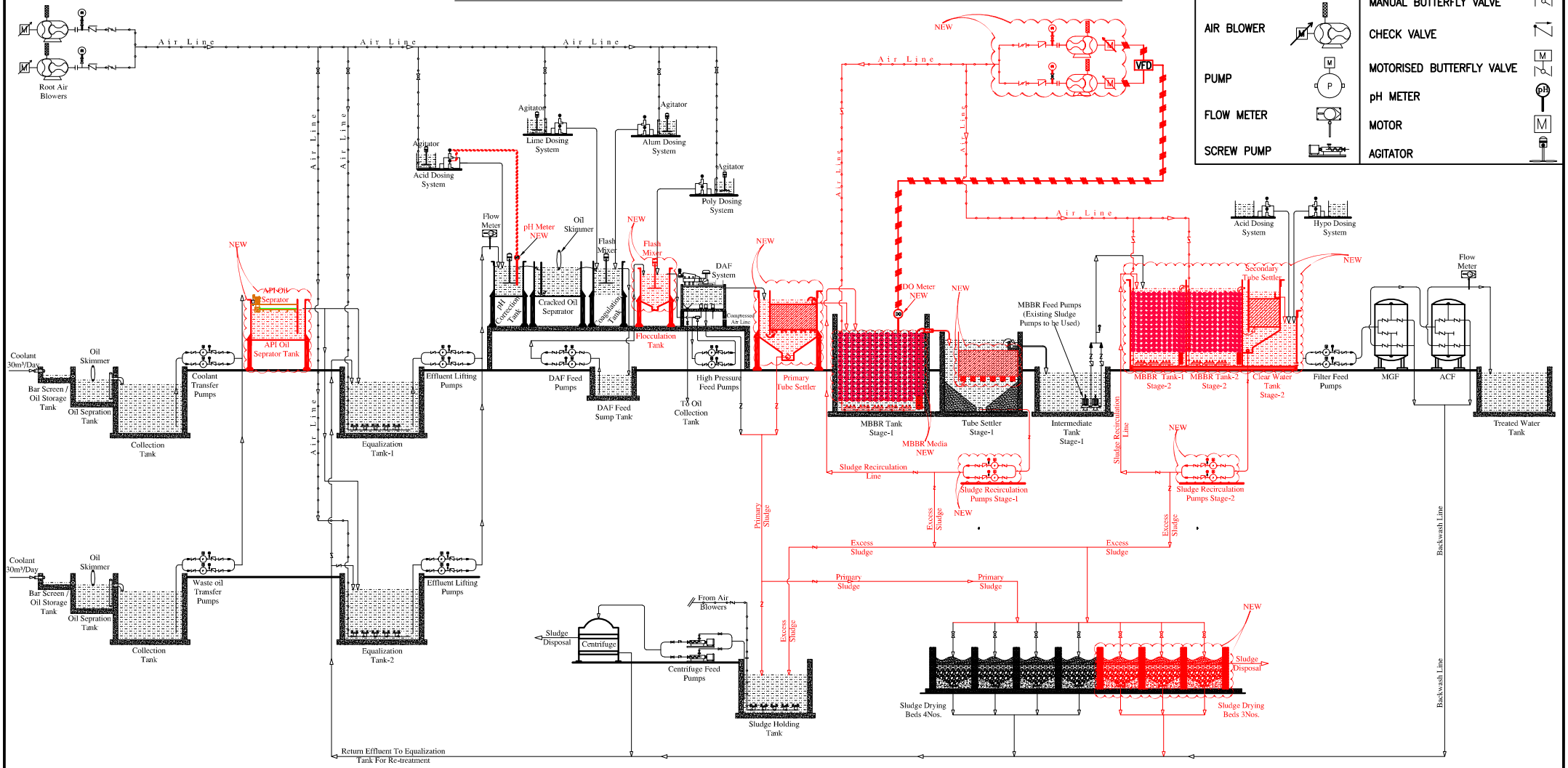
Type of Accident	Code	ATAI Rank	Information upto
Major	Red	A,B,C	PPO-Safety, Mr. G. Nakanishi, Mr. N.S. Talib, Mr. M. Nakatani, Mr. P.Paranjape, K. Iwashita
Minor (Akachin)	Yellow	D, E	Mr. T. Bitchu, Mr. K.S. Malik, Mr. Rabindra Singh, Mr. N. K. Gupta

Updated on - 13-Jun-18

Annexure 7

API Separator in ETP

SCHEMATIC DIAGRAM
ETP MODIFICATION FROM-30.5KLD TO-40 KLD



NOTES :-

RED COLOUR ITEMS NEW

REV.	DATE	REMARKS	DRAWN	CHECKED	APROV.

SOPHISTICATED INDUSTRIAL MATERIALS ANALYTIC LABS PVT. LTD.
A-3/7,Mayapuri Industrial Area, Phase - II,New Delhi - 110 064
e-mail:-projects@simalab.co.in

SCALE	N.T.S	DATE
DRN.	NEERAJ	16/05/14
CHD.	NITESH	16/05/14
APPD.	S.P.SENA	16/05/14

PROJECT :- HONDA CAR INDIA LTD.
ETP MODIFICATION FROM - 30.5 KLD TO - 40 KLD

TITLE :- SCHEMATIC DIAGRAM

PROJECT NO.

DRAWING NO. SIMA-P-1011

REV. NO. R0

FILE NAME

Annexure 8

HONDA
Honda Cars India Limited.
Plot No-A1, Sector 40/41, Surajpur Kasna Road, Greater Noida,
Uttar Pradesh PIN-201306 INDIA

CIN: U15114UP1995PLC099377
Website: www.hondacarindia.com
E-mail: corporate@hondacarindia.com

WORK ORDER

To M/s	**AMBUJA CEMENTS LTD RABRIYAWAS, RABRIYAWAS, RABRIYAWAS TEHSI, PALI, RAJASTHAN, 306709, India**	**Work Order**	**4800001921**	**Date**	**22.06.2020**
		Amendment No	**0**	**Date**	**22.06.2020**
		Purchasing Contact	**GURUSEWAK SETHI**		
GST No.	**08AAACG0569P1Z7**	**Contact. No.**			
Tel. No.		**RFx No**			

We are pleased to confirm our order as per details given below. You are requested to execute the order as per SOW, general instructions mentioned and terms & conditions mentioned below.

Shipping Address	**Billing Address**
Honda Cars India Limited,SPL-1 and 1E,Tapukara Industrial Area,Khuskera,Tapukara,Alwar,PIN-301707,IN	**Honda Cars India Limited,SPL-1 and 1E,Tapukara Industrial Area,Khuskera,Tapukara,Alwar,PIN-301707,IN**

A) SCOPE OF SUPPLY / WORK

S.No.	Item Code	Item Description	HSN /SAC Code	QTY	UOM	Unit Price (INR)	Disc. %	Disc. Unit Price(INR)	Tax Rate (In %)	Delivery Location	Due Date
1		Co- Processing of Haz. Waste		1,000	AU	3,825,000,00	0.00	3,825,000,00	18,00	SFMS	30.03.2021

Line No	Activity Number	Short Text	Quantity	UOM	Unit Price
0000000010	532227	Coprocessing of Oil Containing waste,SOW	350	MT	6,375,00

Charges for Co Processing of Wastes/ residues containing Oil (Oil Containing Grinding Sludge)

0000000020	532225	Coprocessing of Process Waste,SOW	250	MT	6,375,00

Charges for Co Processing of Process Waste, Residues and Sludges (Paint Sludge)

Total Basic Amount (INR)	3,825,000,00
Packing & Forwarding (INR)	0,00
Freight charges value (INR)	0,00
Tax Value (INR)	688,500,00
Total WO Value (with taxes)	4,513,500,00

INDIAN RUPEES FORTY FIVE LAKH THIRTEEN THOUSAND FIVE HUNDRED ONLY

B) GENERAL INSTRUCTIONS

1. Price Terms : FOR HCIL TAPUKARA
2. Payment Terms : 100% within 30 days from date of Invoice
3. Mode of Shipment :
4. Transit Insurance :
5. Warranty Period :
6. Penalty Clause :
7. Remarks : HCIL/P2/PUR/NFA/20-21/186(VALIDITY:-01-JUL-2020~30-JUN-2021)
8. Attachments : a) General Terms & Conditions - Annexure A
   b) Details Terms & Conditions - Annexure B/ NA
   c) Scope Of Supply - As per SOW
   d) Technical Specifications - Annexure D/ NA

HCIL GST Number. 08AAACH1765Q1Z4

For Honda Cars India Ltd.

1. Supplier Invoice must contain WO No, Item Description & UOM, as exactly mentioned in Work Order, to ensure smooth receiving of material at HCIL.
2. Please send the material with Original & Duplicate Tax Invoice.

This is system generated Work Order.No signature required

GURUSEWAK SETHI	VISHAL AGARWAL	VISHAL AGARWAL
PREPARED BY	CHECKED BY	APPROVED BY

ANNEXURE A TERMS & CONDITIONS WORK ORDER

This order is subject to the following terms & conditions and by accepting the order or part thereof, the Service Provider agrees to and accepts terms & conditions mentioned below:

1) DEFINITION: "WO" shall mean this Work Order on the date written for performance of such service in such conditions as detailed therein.
"HCIL" shall mean Honda Cars India Limited who is issuing this Work Order or any direction further for performance of the Services as defined
"Service Provider" means the person or Firm or Corporate body to whom this Work Order is being issued.
"Services" shall mean the work to be done as defined under this Work Order as per the terms and conditions defined

2)DELIVERABLE: i)All Services to be performed and any related Deliverables to be provided by Vendor shall be in accordance with this WO
ii) In case of any modification, it shall be provided with detailed description through a revised WO.
iii)If the Service Provider is in non-conformity to the mutually agreed deliverables, the same shall be rectified within 5 days after the first information to the vendor else the entire cost of services shall be repayable.
iv) After the completion of the Job the Contractor agrees to clean the work area of all debris /waste.
v) The Contractor will maintain proper account of the raw material or other items provided by HCIL for execution and completion of the contract. The Contractor agrees that the detailed Description of each item shall be as per the original tender document of the Company.
vi) Service Provider will arrange the Transportation and Canteen facilities at its own cost. If facility provided by HCIL, cost will be reimbursed by the Service Provider.
vii) The Service Provider. shall at his own cost should arrange all the required tools & tackles, measuring instruments; safety gadgets etc.
viii) The Service Provider. shall ensure that while working inside HCIL, no damage is caused to the Properties of the Company thereof and the Contractor shall be solely responsible for any such damage/shortage /losses. The loss, shortage or damage in this respect shall be determined by the Company and payable to the Company. Such determination shall be final and binding on the Contractor.
ix) All jobs must be carried out in HCIL premises on any working day between 9.00 AM to 5.30 PM else otherwise requested or agreed by HCIL in writing.
x) In case of emergency or abnormality, Service Provider shall be given assistance & technical support at the earliest possible.
xi) This Service Provider shall stand cancelled if at any point of time if he or any of their representatives is found indulging in any type of unfair / unethical practices at HCIL

3)TAXES: The Service provider must pay GST charged in the invoice on the due date of payment of GST. The required returns under GST must be filed on due dates. If the GST credit is not available to HCIL, it reserves the right to stop payment of invoice & or recovery of GST with interest.

4)TERMINATION: This Agreement may be terminated at any time by either side by giving 30 days advance notice, in writing. It is understood that in the event of any breach of the obligations and undertakings on the part of the Contractor, the Company reserves the right to terminate the Agreement by giving 15 day's notice, in writing. In case of such breach of duties and obligations by the Contractor, the Contractor indemnifies the Company to the extent of such damages, losses, incurred by the Company as covenanted in this Agreement

5) PAYMENT TERMS: All payment shall be made as agreed in the WO against invoice, which shall be inclusive of all the services

6) QUALITY: The Service Provider shall provide high quality of Services in consonance with the parameter laid and rendered by other reputed specialized service providers.

7) CONDUCT: Service Provider shall ensure that the employee/ personnel deputed at the HCIL Premises observe discipline, good conduct and applicable HCIL policies.

8)RELATIONSHIP: i) This Agreement has been entered into and executed by the Parties on a Principal-to-Principal basis and is a contract for service
ii) Service Provider specifically agrees that it has been appointed on a Non-Exclusive basis

9) INSPECTION: HCIL shall have right to audit the quality of the performance deliverables and such other records, accounts, registers or log looks as applicable to ensure such deliverable.

10) REPRESENTATION AND WARRANTY: The Service Provider represents that it holds all the necessary approvals for the performance of such services and such performance shall not be violation of law of the lands. Further, the Service Provider, warrants to hold all necessary skills and expertise to efficiently perform the Services.

11) INDEMNITY: Service Provider hereby indemnifies, holds harmless and undertakes to defend HCIL and its respective employees, officers and directors against all or any claim, actions, proceedings, costs, damages, expenses, penalties, claims, demands and liabilities, arising out of default of the Service Provider.
HCIL would not be liable for any amount, claims or liabilities statutory or otherwise, civil or criminal, pertaining to licenses, taxes, direct or indirect labour problems, all of which shall be to the account of the Service Provider who at all times will hold HCIL, its officers, agents and employees free and harmless there from

12) CONFIDENTIALITY: The Service Provider shall also not divulge, directly or indirectly, to any person any of the confidential information which he had access to directly or indirectly, in whole or in part, save with the prior written consent of HCIL.

13) FORCE MAJEURE: Service Provider shall not be deemed in default to the extent that performance of its obligation are delayed or prevented due to war, strikes, industrial action, lock outs, accidents, fire, blockade, terrorism or any other causes beyond its reasonable control ("Force Majeure Event"),

14) ASSIGNABILITY: The rights and obligations of the Service Provider assigned hereunder are specific to the Service Provider and the Service Provider shall not, without HCIL#s prior written consent, assign, change or otherwise transfer, delegate or share any provision of this Agreement to any third party

15) STATUTORY COMPLIANCE : i) Service Provider shall comply with all applicable Statutory compliances and keep HCIL indemnifies for any loss caused due to any adverse claim of act of non-compliance.

ii)The following Document must be given along with the bills and presented at HCIL.

1)	Invoice	:	2-Copies (Original for Buyer & Extra Copy)
2)	ESI Challan	:	Xerox Copy
3)	PF Challan	:	Xerox Copy
4)	Attendance Sheet	:	Xerox Copy
5)	Salary Slips	:	Xerox Copy
6)	Undertaking by the contractor for the period worked in HCIL premises		

The liability of Insurance till the completion of the job at site will be of the Contractor else otherwise agreed by HCIL in writing.

16) ANTI-CORRUPTION COVENANT :The Service Provider, its employees, agents and any other persons acting for or on behalf of Service Provider in relation to this order shall comply with the provisions of Anti- Corruption Laws. The Seller shall not cause HCIL and its Affiliates to be in violation of any Anti-Corruption Laws.

17) ARBITRATION & JURISDICTION:All disputes/ differences arising between the Service Provider and HCIL shall be resolved through arbitration in accordance with the Arbitration and Conciliation Act, 1996 as amended from time to time. Both Service Provider and HCIL shall mutually discuss and appoint sole arbitrator. The decision of the sole arbitrator shall be final and binding on both the Parties. The venue of arbitration shall be at New Delhi and the language of arbitration proceedings shall be English. All conflicts & disputes in connection with this order are subject to jurisdiction of Delhi courts only.

Ref. No. HCIL/P2/PUR/LOA/20-21/063 **22-Dec-2020**

M/s CONTINENTAL PETROLEUMS LIMITED,
REG OFFICE: A-2,OPP. UDYOG BHAWAN,TILAK MARG,
JAIPUR, RAJASTHAN

Kind Attention: Mr. VIKRANT,

SUB : Letter of Award for Sale of Regular Non Hazardous/ Hazardous Scrap

Dear Mr.VIKRANT,

This has reference to the e-auction participated by M/s continental Petroleums limited **(**herein referred as **"**Purchaser**")** at M/s E-Business Dot Com Pvt. Dated 17-Dec-2020 to 18-Dec-2020.We are pleased to award the contract for the purchase of the following items generated at our Works under the following terms and conditions-

The types of scrap and their rates which comes under this contract is as follows-

S No	Item Code	Item Desp.	UOM	Tentative Qty.	UNIT RATE (Rs)	GST	Security Deposit (Rs)	Contract Validity
1	USS	USED SOLVENT SCRAP	Ltr.	18000	1.68	As actual	5000.00	01-Jan-2021 to 31-Mar-2021

The sale will be effected with the following terms and conditions: -

Validity of contract period will be as per above stated table. The quantity mention above is tentative & can vary depending on availability at the time of lifting.
The scrap has to be lifted from our Khushkera Works at the following address - Honda Cars India Ltd, SPL-1,Tapukara Industrial Area, Khushkera, Rajasthan-301707.(herein referred as "site/premises")

The Purchaser will lift the Material from HCIL site on payment of cost of material and other taxes as applicable in advance through Demand Draft/online Transfer to Honda car India Ltd.

The Purchaser shall be required to maintain the security deposit at all times during the tenure of the contract and on this amount no interest will be payable. Security money has to be submitted within one week after receiving of contract. The security amount will be returned to the Purchaser at the end of the contract period subject to the completion of all the formalities as per RFQ document.
The Purchaser will be lifting the scrap by making its own arrangements of labour for sorting, dismantling & loading of the scrap. However, the final judgement regarding which type of scrap will go under what item will lie with HCIL only and will be binding on The Purchaser. The Purchaser will also make sure that at no point of time more than one truck load is piled up at our premises. Purchaser shall fully comply with the applicable provisions of GST Law.

All the scrap will have to be weighed at HCIL Weigh Bridge in front of HCIL representatives. However, in case the HCIL Weigh Bridge is not working the scrap shall be weighed at HCIL recommended Weigh Bridge and the measurement charges will have to be borne by The Purchaser.

Quantity of scraps to be lifted shall be based upon actual generation of scrap at HCIL. Items should be immediately lifted as soon as it becomes one truck of Capacity (as per HCIL requirement).

All the tools & tackles and labour required for sorting & loading of scrap are in the scope of The Purchaser.

The Purchaser will be fully responsible to keep the scrap yard absolutely clean before & after the scrap has been lifted.
HCIL factory timings are from 8.30 am to 5.30 pm. As such labour and / or trucks will be allowed inside the factory premises only after 8.30 am and the truck will leave the factory premises before 3.30 pm.
The Purchaser are advised to post one supervisor or Munshi above the labourers to supervise the scrap yard activities & co-ordinate with HCIL representative, Name list of such persons, whom The Purchaser will be deputing for work at HCIL, should be given in writing to HCIL.

There shall be no employer/employees relationship between The Purchaser and Honda Cars India Ltd. The Purchaser shall have entire charge/control/supervision of the work here in this manner answerable or accountable for any accident or injury of any kind or death which may occur to any of the Purchaser's employee during the time and in the course of the performance of the work under this contract or for any injury, loss or damage arising from negligence or carelessness of the Purchaser or their property including the employees, supervisor office or agents of the Honda Cars India Ltd and its proprietor nor for any amount,

claim or liability civil or criminal pertaining to license, taxes permits for overtime work or any other permits, all of which shall be for the account of The Purchaser, Who hereby covenant and agrees to assume all claims arising out of and related to foregoing including but not limited to other direct or indirect Labour problem and claims and to hold the Honda Cars India Ltd officer, agents and employees free and harmless there from.

The Purchaser shall be solely responsible to pay the wages and any other dues / claim in respect of such staff and will also abide by and deposit mandatory dues under the PF Act, ESI Act and any other act which may come into force at any later stage.

The purchaser shall be liable to comply with various statutory liabilities including payment of Road Tax, Passenger Tax, Road Permits, Fitness certificate, Insurance Liability (for his staff as well for the vehicles), pollution Certificate fees, and other payable statutory charges as imposed by the authorities. If the statutory liabilities are not complied with the Contractor, then HCIL shall not be liable in any manner whatsoever. Honda Cars India Ltd shall not be liable for any damages/ injury sustained by purchaser's personnel during the term of contract. The Purchaser should provide all safety related consumables to their workers e. g. Uniform, Hand Gloves, Arm Sleeves Apron Cap, safety Goggles, safety shoes etc. However Purchaser will have Workmen's Compensation cover or any suitable cover as provided under provisions of law of the land covering any such liability.

The Purchaser, its employees, agents and any other persons acting for or on behalf of Purchaser in relation to this order shall comply with the provisions of Anti-Corruption Laws. The purchaser shall not cause HCIL and its Affiliates to be in violation of any Anti-Corruption Laws

All disputes/ differences arising between the Purchaser and HCIL shall be resolved through arbitration in accordance with the Arbitration and Conciliation Act, 1996 as amended from time to time. Both purchaser and HCIL shall mutually appoint one arbitrator. The decision of the sole arbitrator shall be final and binding on both the Parties. The venue of arbitration shall be at New Delhi and the Language of arbitration proceedings shall be English. All conflicts & disputes in connection with this order are subject to jurisdiction of Delhi courts only

The purchaser hereby indemnifies, holds harmless and undertakes to defend HCIL and its respective employees, officers and directors against all or any claim, actions, proceedings, costs, damages, expenses, penalties, claims, demands and liabilities, arising out of default of the Purchaser. HCIL would not be liable for any amount, claims or liabilities statutory or otherwise, civil or criminal, pertaining to licenses, taxes, direct or indirect labour problems, all of which shall be to the account of the Purchaser who at all times will hold HCIL, its officers, agents and employees free and harmless there from

The arbitration & termination Clause will be applicable as mentioned in the RFQ Document shared in the auction agency Portal at the time of auction.

For the purposes of this Agreement, force majeure shall mean and include an Act of God (including but not limited to flood, earthquake, typhoon, epidemic or other natural calamity) war or armed conflict or the serious threat of the same (including but not limited to prohibition or restriction of importation or exportation) or any other cause beyond the reasonable control of the Parties hereto including but not limited to industrial relation problem involving government/quasi government organization /banks/ transportation / Associations / others public bodies, HCIL and purchaser shall not be liable for any default or delay in performance of this Agreement herein. However, strike, lockout, shortage of labour, lack of or inability to obtain raw materials, fuel power or supplies shall not be included in the above mentioned categories of Force Majeure. In the event that the strike, lockout, shortage of labour, lack of or inability to obtain raw materials, fuel power or supplies continues for a period exceeding seven (7) days, the Parties shall mutually consult each other to decide the course of action to be adopted

The Purchaser shall promptly notify HCIL if it comes to know of any reason to believe that it or its employees or affiliate has violated any anti-bribery laws referred to above. The knowledge standard for this purpose shall include conscious disregard, willful blindness or deliberate ignorance of circumstances that should alert one to the likelihood of anti-bribery, anti-corruption Laws and prohibited business practices violation, as well as actual knowledge. This provision shall survive the termination of this Agreement. For the purpose of this Agreement Anti-corruption laws shall mean individually or collectively, the US Foreign Corrupt Practices Act, 1977, the UK Bribery Act 2010, the Unfair Competition Prevention Act, 1993 (Japan), Prevention of Corruption Act, 1988, The Indian Penal Code, 1860 and any relevant anti-bribery or anti-corruption laws, regulations, rules and orders (as amended from time to time) as applicable to HCIL or purchaser

The Purchaser will have to follow all the rules and regulations prevailing in the state of Rajasthan

All other terms and conditions, apart from those stated in this letter, remain same as per the auction catalogue signed between the purchaser and M/s E-Business Dot Com Pvt.

This contract shall stand cancelled if at any point of time The Purchaser is found indulging in any type of malpractice(s) at HCIL.

For Honda Cars India Ltd,

(Yutaka Yamagami)
Operating Head – Purchasing

Ref. No. HCIL/P2/PUR/LOA/20-21/070 **22-Dec-2020**

M/s Poddar Hydrocarbon,
23,24, Laxman Colony, Shyam Nagar
Jaipur, Rajasthan

Kind Attention: Mr. Kamal Poddar,

SUB : Letter of Award for Sale of Regular Non Hazardous/ Hazardous Scrap

Dear Mr. Kamal Poddar,

This has reference to the e-auction participated by M/s Poddar Hydrocarbon **(**herein referred as **"**Purchaser**")** at M/s E-Business Dot Com Pvt. Dated: 17-Dec-2020 to 18-Dec-2020. We are pleased to award the contract for the purchase of the following items generated at our Works under the following terms and conditions-

The types of scrap and their rates which comes under this contract is as follows-

S No	Item Code	Item Desp.	UOM	Tentative Qty.	UNIT RATE (Rs)	GST	Security Deposit (Rs)	Contract Validity
1	MOS	MIXED OIL SCRAP	Ltr.	27000	3.50	As actual	25,000.00	01-Jan-2021 to 31-Mar-2021

The sale will be effected with the following terms and conditions: -

Validity of contract period will be as per above stated table. The quantity mention above is tentative & can vary depending on availability at the time of lifting.

The scrap has to be lifted from our Khushkera Works at the following address - Honda Cars India Ltd, SPL-1,Tapukara Industrial Area, Khushkera, Rajasthan-301707.(herein referred as "site/premises")

The Purchaser will lift the Material from HCIL site on payment of cost of material and other taxes as applicable in advance through Demand Draft/online Transfer to Honda car India Ltd.

The Purchaser shall be required to maintain the security deposit at all times during the tenure of the contract and on this amount no interest will be payable. Security money has to be submitted within one week after receiving of contract. The security amount will be returned to the Purchaser at the end of the contract period subject to the completion of all the formalities as per RFQ document.

The Purchaser will be lifting the scrap by making its own arrangements of labour for sorting, dismantling & loading of the scrap. However, the final judgement regarding which type of scrap will go under what item will lie with HCIL only and will be binding on The Purchaser. The Purchaser will also make sure that at no point of time more than one truck load is piled up at our premises. Purchaser shall fully comply with the applicable provisions of GST Law.

All the scrap will have to be weighed at HCIL Weigh Bridge in front of HCIL representatives. However, in case the HCIL Weigh Bridge is not working the scrap shall be weighed at HCIL recommended Weigh Bridge and the measurement charges will have to be borne by The Purchaser.

Quantity of scraps to be lifted shall be based upon actual generation of scrap at HCIL. Items should be immediately lifted as soon as it becomes one truck of Capacity (as per HCIL requirement).

All the tools & tackles and labour required for sorting & loading of scrap are in the scope of The Purchaser.

The Purchaser will be fully responsible to keep the scrap yard absolutely clean before & after the scrap has been lifted.
HCIL factory timings are from 8.30 am to 5.30 pm. As such labour and / or trucks will be allowed inside the factory premises only after 8.30 am and the truck will leave the factory premises before 3.30 pm.

The Purchaser are advised to post one supervisor or Munshi above the labourers to supervise the scrap yard activities & co-ordinate with HCIL representative, Name list of such persons, whom The Purchaser will be deputing for work at HCIL, should be given in writing to HCIL.

There shall be no employer/employees relationship between The Purchaser and Honda Cars India Ltd. The Purchaser shall have entire charge/control/supervision of the work here in this manner answerable or accountable for any accident or injury of

any kind or death which may occur to any of the Purchaser's employee during the time and in the course of the performance of the work under this contract or for any injury, loss or damage arising from negligence or carelessness of the Purchaser or their property including the employees, supervisor office or agents of the Honda Cars India Ltd and its proprietor nor for any amount, claim or liability civil or criminal pertaining to license, taxes permits for overtime work or any other permits, all of which shall be for the account of The Purchaser, Who hereby covenant and agrees to assume all claims arising out of and related to foregoing including but not limited to other direct or indirect Labour problem and claims and to hold the Honda Cars India Ltd officer, agents and employees free and harmless there from.

The Purchaser shall be solely responsible to pay the wages and any other dues / claim in respect of such staff and will also abide by and deposit mandatory dues under the PF Act, ESI Act and any other act which may come into force at any later stage.

The purchaser shall be liable to comply with various statutory liabilities including payment of Road Tax, Passenger Tax, Road Permits, Fitness certificate, Insurance Liability (for his staff as well for the vehicles), pollution Certificate fees, and other payable statutory charges as imposed by the authorities. If the statutory liabilities are not complied with the Contractor, then HCIL shall not be liable in any manner whatsoever. Honda Cars India Ltd shall not be liable for any damages/ injury sustained by purchaser's personnel during the term of contract. The Purchaser should provide all safety related consumables to their workers e. g. Uniform, Hand Gloves, Arm Sleeves Apron Cap, safety Goggles, safety shoes etc. However Purchaser will have Workmen's Compensation cover or any suitable cover as provided under provisions of law of the land covering any such liability.

The Purchaser, its employees, agents and any other persons acting for or on behalf of Purchaser in relation to this order shall comply with the provisions of Anti-Corruption Laws. The purchaser shall not cause HCIL and its Affiliates to be in violation of any Anti-Corruption Laws

All disputes/ differences arising between the Purchaser and HCIL shall be resolved through arbitration in accordance with the Arbitration and Conciliation Act, 1996 as amended from time to time. Both purchaser and HCIL shall mutually appoint one arbitrator. The decision of the sole arbitrator shall be final and binding on both the Parties. The venue of arbitration shall be at New Delhi and the Language of arbitration proceedings shall be English. All conflicts & disputes in connection with this order are subject to jurisdiction of Delhi courts only

The purchaser hereby indemnifies, holds harmless and undertakes to defend HCIL and its respective employees, officers and directors against all or any claim, actions, proceedings, costs, damages, expenses, penalties, claims, demands and liabilities, arising out of default of the Purchaser. HCIL would not be liable for any amount, claims or liabilities statutory or otherwise, civil or criminal, pertaining to licenses, taxes, direct or indirect labour problems, all of which shall be to the account of the Purchaser who at all times will hold HCIL, its officers, agents and employees free and harmless there from

The arbitration & termination Clause will be applicable as mentioned in the RFQ Document shared in the auction agency Portal at the time of auction.

For the purposes of this Agreement, force majeure shall mean and include an Act of God (including but not limited to flood, earthquake, typhoon, epidemic or other natural calamity) war or armed conflict or the serious threat of the same (including but not limited to prohibition or restriction of importation or exportation) or any other cause beyond the reasonable control of the Parties hereto including but not limited to industrial relation problem involving government/quasi government organization /banks/ transportation / Associations / others public bodies, HCIL and purchaser shall not be liable for any default or delay in performance of this Agreement herein. However, strike, lockout, shortage of labour, lack of or inability to obtain raw materials, fuel power or supplies shall not be included in the above mentioned categories of Force Majeure. In the event that the strike, lockout, shortage of labour, lack of or inability to obtain raw materials, fuel power or supplies continues for a period exceeding seven (7) days, the Parties shall mutually consult each other to decide the course of action to be adopted

The Purchaser shall promptly notify HCIL if it comes to know of any reason to believe that it or its employees or affiliate has violated any anti-bribery laws referred to above. The knowledge standard for this purpose shall include conscious disregard, willful blindness or deliberate ignorance of circumstances that should alert one to the likelihood of anti-bribery, anti-corruption Laws and prohibited business practices violation, as well as actual knowledge. This provision shall survive the termination of this Agreement. For the purpose of this Agreement Anti-corruption laws shall mean individually or collectively, the US Foreign Corrupt Practices Act, 1977, the UK Bribery Act 2010, the Unfair Competition Prevention Act, 1993 (Japan), Prevention of Corruption Act, 1988, The Indian Penal Code, 1860 and any relevant anti-bribery or anti-corruption laws, regulations, rules and orders (as amended from time to time) as applicable to HCIL or purchaser

The Purchaser will have to follow all the rules and regulations prevailing in the state of Rajasthan

All other terms and conditions, apart from those stated in this letter, remain same as per the auction catalogue signed between the purchaser and M/s E-Business Dot Com Pvt.

This contract shall stand cancelled if at any point of time The Purchaser is found indulging in any type of malpractice(s) at HCIL.

For Honda Cars India Ltd,

(Yutaka Yamagami)
Operating Head – Purchasing)

Annexure 9

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Recognized from Ministry of Environment, Forest & Climate Change (MoEFCC) Govt. of India

Under the Environment Protection Act 1986

Controlled Format	No. 7.8F-04
TEST REPORT	Issue Date: 01/11/2020

(Stack Emission Analysis)

Test Report No.	:	EL/BWD/251020-2887		
Issued To.	:	M/s Honda Cars India Ltd. SPL-1, RIICO Industrial Area, Tapukara, Tehsil: Tijara, Distt-Alwar (Raj.) 301707		
Sample Id	:	EL/BWD/251020-2887		
Sample Description	:	Stack Emission		
Sampling Location	:	DG Area		
Type of Stack	:	MS		
Source of Emission		D.G Stack		
Sampling Date	:	25/10/2020		
Receiving Date	:	25/10/2020		
Instrument Used	:	Stack Monitoring Kit		
Sampling Done By	:	Lab Representative		
Test Protocol	:	As Per Indian Standard 11255		
Sampling Plan & Procedure	:	Plan & Procedure No. 7.3P-01		
Details of Environmental Conditions during sampling	:	Temp:- 32°C	RH:- 20%	Weather:- Clear

Results

S. NO.	PARAMETER	UNIT	Stack 1 (3085 KVA)	Stack 2 (1500 KVA)	Stack 3 (1500 KVA)	Stack 4 (2000 KVA)	Stack 5 (2000 KVA)	Stack 6 (1500KVA)	STANDARD LIMIT	TEST METHOD
			Ht. 45m	Ht. 30m	Ht. 30m	Ht. 30m	Ht. 30m	Ht. 30m		
			Dia. 2400 mm	Dia. 350 NB	Dia. 350 NB	Dia. 450NB	Dia. 450 NB	Dia. 750NB		
			Stack temp 138°C	Stack temp 152°C	Stack temp 143°C	Stack temp 148°C	Stack temp 158°C	Stack temp 132°C		
			Analysis Duration-38 min	Analysis Duration-40 min	Analysis Duration-41 min	Analysis Duration-39 min	Analysis Duration-40 min	Analysis Duration-42 min		
			N28°08'008" E76°48'327"	N28°08'014" E76°48'322"	N28°08'015" E76°48'315"	N28°08'018" E76°48'322"	N28°08'019" E76°48'323"	N28°06'995" E76°48'269"		
1.	PM	mg/Nm³	52.3	42.5	48.2	34.7	49.6	43.8	75	IS:11255 Part-1
2.	Sulphur Content	%	0.0033	0.0025	0.0036	0.0028	0.0034	0.0028	<2.0	IS:11255 Part-2
3.	Oxides of Nitrogen (NOx)	ppmv	128.54	110.82	106.56	96.5	124.32	114.85	710	IS:11255 Part-7
4.	CO (at 15%O_2)	mg/Nm³	94.3	82.4	80.3	78.6	95.4	90.5	150	USEPA Method
5.	Velocity	m/s	8.6	12.6	11.4	12.4	13.6	12.8	-	IS:11255
6.	Emission Rate	Nm³/hr	7096.93	3889.62	5395.23	5798.80	6212.41	17425.65	-	IS:11255
7.	NMHC (as C) (at 15%O_2)	mg/Nm³	16.3	23.5	16.8	18.2	20.6	14.1	100	USEPA Method

Note	:	BDL= Below Detection Limit

Notes: 1. The result listed above refer only to the tested samples and applicable parameters.
2. Remnants sample will be destroyed after 20 days from the date of receipt of sample.
3. Complaints, if any, about this report should be communicated within seven (07) days of the issue of this report.
4. The report is not to be reproduced-wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without our special permission in writing.
5. Any Backup either related to re-issue of changing of report should be given within 30 days of issue of this report.

Analyzed By

Authorized By

ENVIRO LAB BHIWADI

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Under the Environment Protection Act 1986

Controlled Format | No. 7.8F-04

TEST REPORT

Issue Date: 15/11/2020

(Stack Emission Analysis)

Test Report No.	:	EL/BWD/081120-3125
Issued To.	:	M/s Honda Cars India Ltd. SPL-1, RHCO Industrial Area, Tapukara, Tehsil: Tijara, Distt-Alwar (Raj.) 301707
Sample Id	:	ELBWD/081120-3125
Sample Description	:	Stack Emission
Sampling Location	:	DG Area
Type of Stack	:	MS
Source of Emission		D.G Stack
Sampling Date	:	08/11/2020
Receiving Date	:	08/11/2020
Instrument Used	:	Stack Monitoring Kit
Sampling Done By	:	Lab Representative
Test Protocol	:	As Per Indian Standard 11255
Sampling Plan & Procedure	:	Plan & Procedure No. 7.3P-01
Details of Environmental Conditions during sampling	:	Temp:- 27°C / RH:- 56% / Weather:- Clear

Results

S. NO.	PARAMETER	UNIT	Stack 1 (3085 KVA)	Stack 2 (1500 KVA)	Stack 3 (1500 KVA)	Stack 4 (2000 KVA)	Stack 5 (2000 KVA)	Stack 6 (1500KVA)	STANDARD LIMIT	TEST METHOD
			Ht. 45m	Ht. 30m	Ht. 30m	Ht. 30m	Ht. 30m	Ht. 30m		
			Dia. 2400 mm	Dia. 350 NB	Dia. 350 NB	Dia. 450NB	Dia. 450 NB	Dia. 750NB		
			Stack temp 132°C	Stack temp 149°C	Stack temp 140°C	Stack temp 146°C	Stack temp 152°C	Stack temp 138°C		
			Analysis Duration-38 min	Analysis Duration-40 min	Analysis Duration-41 min	Analysis Duration-39 min	Analysis Duration-40 min	Analysis Duration-41 min		
			N28°08'008" E76°48'327"	N28°08'014" E76°48'322"	N28°08'015" E76°48'315"	N28°08'018" E76°48'322"	N28°08'019" E76°48'323"	N28°06'995" E76°48'269"		
1.	PM	mg/Nm^3	45.2	38.0	35.8	39.5	43.1	40.3	75	IS:11255 Part-1
2.	Sulphur Content	%	0.0038	0.0027	0.0032	0.0025	0.0030	0.0023	<2.0	IS:11255 Part-2
3.	Oxides of Nitrogen (NOx)	ppmv	121.8	105.2	113.5	102.1	117.3	109.8	710	IS:11255 Part-7
4.	CO (at 15%O_2)	mg/Nm^3	98.2	75.5	79.1	83.3	88.0	93.4	150	IS 13270 (Orsat Method)
5.	Velocity	m/s	11.6	10.2	12.0	11.5	13.0	12.2	-	IS:11255
6.	Emission Rate	Nm^3/hr	10364.31	3174.81	3816.46	3605.07	4017.76	3898.95	-	IS:11255
7.	NMHC (as C) (at 15%O_2)	mg/Nm^3	18.0	15.3	16.0	20.4	22.0	17.1	100	USEPA Method

Note	:	BDL= Below Detection Limit

Notes: 1. The result listed above refer only to the tested samples and applicable parameters.
2. Remnants sample will be destroyed after 20 days from the date of receipt of sample.
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Controlled Format	No. 7.8F-04
TEST REPORT	Issue Date: 27/12/2020
(Stack Emission Analysis)	

Test Report No.	:	EL/BWD/201220-3756		
Issued To.	:	M/s Honda Cars India Ltd. SPL-1, RIICO Industrial Area, Tapukara, Tehsil: Tijara, Distt-Alwar (Raj.) 301707		
Sample Id	:	EL/BWD/201220-3756		
Sample Description	:	Stack Emission		
Sampling Location	:	DG Area		
Type of Stack	:	MS		
Source of Emission		D.G Stack		
Sampling Date	:	20/12/2020		
Receiving Date	:	20/12/2020		
Instrument Used	:	Stack Monitoring Kit		
Sampling Done By	:	Lab Representative		
Test Protocol	:	As Per Indian Standard 11255		
Sampling Plan & Procedure	:	Plan & Procedure No. 7.3P-01		
Details of Environmental Conditions during sampling	:	Temp:- 23°C	RH:- 71%	Weather:- Clear

Results

S. NO.	PARAMETER	UNIT	Stack 1 (3085 KVA)	Stack 2 (1500 KVA)	Stack 3 (1500 KVA)	Stack 4 (2000 KVA)	Stack 5 (2000 KVA)	Stack 6 (1500KVA)	STANDARD LIMIT	TEST METHOD
			Ht. 45m	Ht. 30m	Ht. 30m	Ht. 30m	Ht. 30m	Ht. 30m		
			Dia. 2400 mm	Dia. 350 NB	Dia. 350 NB	Dia. 450NB	Dia. 450 NB	Dia. 750NB		
			Stack temp 128°C	Stack temp 142°C	Stack temp 138°C	Stack temp 145°C	Stack temp 148°C	Stack temp 140°C		
			Analysis Duration-40 min	Analysis Duration-41 min	Analysis Duration-38 min	Analysis Duration-40 min	Analysis Duration-40 min	Analysis Duration-38 min		
			N28°08'008" E76°48'327"	N28°08'014" E76°48'322"	N28°08'015" E76°48'315"	N28°08'018" E76°48'322"	N28°08'019" E76°48'323"	N28°06'995" E76°48'269"		
1.	PM	mg/Nm^3	42.6	33.8	37.3	35.0	40.2	38.0	75	IS:11255 Part-1
2.	Sulphur Content	%	0.0035	0.0020	0.0034	0.0029	0.0032	0.0025	<2.0	IS:11255 Part-2
3.	Oxides of Nitrogen (NOx)	ppmv	117.6	101.0	116.2	104.6	115.3	111.4	710	IS:11255 Part-7
4.	CO (at 15%O_2)	mg/Nm^3	89.8	71.2	74.6	30.1	84.5	88.0	150	IS 13270 (Orsat Method)
5.	Velocity	m/s	10.2	10.0	10.7	9.8	12.4	10.9	-	IS:11255
6.	Emission Rate	Nm^3/hr	9084.52	3324.79	5526.02	4895.64	5602.18	4028.70	-	IS:11255
7.	NMHC (as C) (at 15%O_2)	mg/Nm^3	16.7	12.6	14.2	18.1	16.0	15.4	100	USEPA Method

Note	:	BDL= Below Detection Limit

Notes: 1. The result listed above refer only to the tested samples and applicable parameters.
2. Remnants sample will be destroyed after 20 days from the date of receipt of sample.
3. Complaints, if any, about this report should be communicated within seven (07) days of the issue of this report.
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Controlled Format	No. 7.8F-04
TEST REPORT	Issue Date: 23/01/2021
(Stack Emission Analysis)	

Test Report No.	:	**EL/BWD/170121-348**
Issued To.	:	**M/s Honda Cars India Ltd.** **SPL-1, RIICO Industrial Area, Tapukara,** **Tehsil: Tijara, Distt-Alwar (Raj.) 301707**
Sample Id	:	EL/BWD/170121-348
Sample Description	:	Stack Emission
Sampling Location	:	DG Area
Type of Stack	:	MS
Source of Emission		D.G Stack
Sampling Date	:	17/01/2021
Receiving Date	:	17/01/2021
Instrument Used	:	Stack Monitoring Kit
Sampling Done By	:	Lab Representative
Test Protocol	:	As Per Indian Standard 11255
Sampling Plan & Procedure	:	Plan & Procedure No. 7.3P-01
Details of Environmental Conditions during sampling	:	Temp:- 17°C RH:- 72% Weather:- Clear

Results

S. NO.	PARAMETER	UNIT	Stack 1 (3085 KVA)	Stack 2 (1500 KVA)	Stack 3 (1500 KVA)	Stack 4 (2000 KVA)	Stack 5 (2000 KVA)	Stack 6 (1500KVA)	STANDARD LIMIT	TEST METHOD
			Ht. 45m	Ht. 30m	Ht. 30m	Ht. 30m	Ht. 30m	Ht. 30m		
			Dia. 2400 mm	Dia. 350 NB	Dia. 350 NB	Dia. 450NB	Dia. 450 NB	Dia. 750NB		
			Stack temp 124°C	Stack temp 140°C	Stack temp 135°C	Stack temp 142°C	Stack temp 146°C	Stack temp 138°C		
			Analysis Duration-38 min	Analysis Duration-41 min	Analysis Duration-40 min	Analysis Duration-37 min	Analysis Duration-40 min	Analysis Duration-38 min		
			N28°08'008" E76°48'327"	N28°08'014" E76°48'322"	N28°08'015" E76°48'315"	N28°08'018" E76°48'322"	N28°08'019" E76°48'323"	N28°06'995" E76°48'269"		
1.	PM	mg/Nm^3	41.7	39.1	32.8	37.1	40.9	37.8	75	IS:11255 Part-I
2.	Sulphur Content	%	0.0035	0.0025	0.0030	0.0027	0.0029	0.0025	<2.0	IS:11255 Part-2
3.	Oxides of Nitrogen (NOx)	ppmv	118.8	110.5	116.6	105.41	120.81	108.22	710	IS:11255 Part-7
4.	CO (at 15%O_2)	mg/Nm^3	100.0	81.1	77.7	92.6	89.9	97.5	150	IS 13270 (Orsat Method)
5.	Velocity	m/s	10.8	9.9	10.5	11.6	10.9	11.3	-	IS:11255
6.	Emission Rate	Nm^3/hr	10510.25	4015.61	3991.82	3775.55	4190.67	3976.84	-	IS:11255
7.	NMHC (as C) (at 15%O_2)	mg/Nm^3	22.2	17.6	15.8	18.0	14.8	16.1	100	USEPA Method

Note	:	BDL= Below Detection Limit

Notes: 1. The result listed above refer only to the tested samples and applicable parameters.
2. Remnants sample will be destroyed after 20 days from the date of receipt of sample.
3. Complaints, if any, about this report should be communicated within seven (07) days of the issue of this report.
4. The report is not to be reproduced-wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without our special permission in writing.
5. Any Backup either related to re-issue of changing of report should be given within 30 days of issue of this report.

Analyzed By

Authorized By

ENVIRO LAB BHIWADI

website: www.pollutionconsultants.com
mail: anupam@pollutionconsultants.com
Mob.: 09214012627
☎ 09314012627

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(Pollution Control Consultants)

An ISO 9001 : 2015, 14001 : 2015, & OHSAS 18001-2007 Certified Laboratory

Recognized from Ministry of Environment, Forest & Climate Change (MoEFCC) Govt. of India

Under the Environment Protection Act 1986

Controlled Format	No. 7.8F-04
TEST REPORT	Issue Date: 21/02/2021
(Stack Emission Analysis)	

Test Report No.	:	**EL/BWD/140221-803**		
Issued To.	:	**M/s Honda Cars India Ltd.** **SPL-1, RIICO Industrial Area, Tapukara,** **Tehsil: Tijara, Distt-Alwar (Raj.) 301707**		
Sample Id	:	EL/BWD/140221-803		
Sample Description	:	Stack Emission		
Sampling Location	:	DG Area		
Type of Stack	:	MS		
Source of Emission		D.G Stack		
Sampling Date	:	14/02/2021		
Receiving Date	:	14/02/2021		
Instrument Used	:	Stack Monitoring Kit		
Sampling Done By	:	Lab Representative		
Test Protocol	:	As Per Indian Standard 11255		
Sampling Plan & Procedure	:	Plan & Procedure No. 7.3P-01		
Details of Environmental Conditions during sampling	:	Temp:- 26°C	RH:- 50%	Weather:- Clear

Results

S. NO.	PARAMETER	UNIT	Stack 1 (3085 KVA)	Stack 2 (1500 KVA)	Stack 3 (1500 KVA)	Stack 4 (2000 KVA)	Stack 5 (2000 KVA)	Stack 6 (1500KVA)	STANDARD LIMIT	TEST METHOD
			Ht. 45m	Ht. 30m	Ht. 30m	Ht. 30m	Ht. 30m	Ht. 30m		
			Dia. 2400 mm	Dia. 350 NB	Dia. 350 NB	Dia. 450NB	Dia. 450 NB	Dia. 750NB		
			Stack temp 148°C	Stack temp 141°C	Stack temp 136°C	Stack temp 139°C	Stack temp 145°C	Stack temp 140°C		
			Analysis Duration-38 min	Analysis Duration-41 min	Analysis Duration-40 min	Analysis Duration-37 min	Analysis Duration-40 min	Analysis Duration-38 min		
			N28°08'008" E76°48'327"	N28°08'014" E76°48'322"	N28°08'015" E76°48'315"	N28°08'018" E76°48'322"	N28°08'019" E76°48'323"	N28°06'995" E76°48'269"		
1.	PM	mg/Nm^3	43.6	35.8	38.0	40.2	36.9	32.5	75	IS:11255 Part-1
2.	Sulphur Content	%	0.0042	0.0031	0.0028	0.0036	0.0034	0.0030	<2.0	IS:11255 Part-2
3.	Oxides of Nitrogen (NOx)	ppmv	125.1	108.6	112.0	101.4	115.2	104.9	710	IS:11255 Part-7
4.	CO (at 15%O_2)	mg/Nm^3	98.6	78.1	83.0	80.2	85.8	90.1	150	IS 13270 (Orsat Method)
5.	Velocity	m/s	11.0	9.2	8.9	10.6	8.5	9.6	-	IS:11255
6.	Emission Rate	Nm^3/hr	10510.25	4015.61	3991.82	3775.55	4190.67	3976.84	-	IS:11255
7.	NMHC (as C) (at 15%O_2)	mg/Nm^3	19.6	13.2	14.8	16.0	18.2	15.9	100	APHA 3rd Ed. (Air)

Note	:	**BDL= Below Detection Limit**

Notes: 1. The result listed above refer only to the tested samples and applicable parameters.
2. Remnants sample will be destroyed after 20 days from the date of receipt of sample.
3. Complaints, if any, about this report should be communicated within seven (07) days of the issue of this report.
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Authorized By

ENVIRO LAB BHIWADI

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Recognized from Ministry of Environment, Forest & Climate Change (MoEFCC) Govt. of India

Under the Environment Protection Act 1986

Controlled Format | No. 7.8F-04

TEST REPORT | Issue Date: 27/03/2021

(Stack Emission Analysis)

Test Report No.	:	EL/BWD/210321-1442
Issued To.	:	M/s Honda Cars India Ltd. SPL-1, RIICO Industrial Area, Tapukara, Tehsil: Tijara, Distt-Alwar (Raj.) 301707
Sample Id	:	EL/BWD/210321-1442
Sample Description	:	Stack Emission
Sampling Location	:	DG Area
Type of Stack	:	MS
Source of Emission		D.G Stack
Sampling Date	:	21/03/2021
Receiving Date	:	21/03/2021
Instrument Used	:	Stack Monitoring Kit
Sampling Done By	:	Lab Representative
Test Protocol	:	As Per Indian Standard 11255
Sampling Plan & Procedure	:	Plan & Procedure No. 7.3P-01
Details of Environmental Conditions during sampling	:	Temp:- 35°C / RH:- 18% / Weather:- Clear

Results

S. NO.	PARAMETER	UNIT	Stack 1 (3085 KVA)	Stack 2 (1500 KVA)	Stack 3 (1500 KVA)	Stack 4 (2000 KVA)	Stack 5 (2000 KVA)	Stack 6 (1500KVA)	STANDARD LIMIT	TEST METHOD
			Ht. 45m	Ht. 30m	Ht. 30m	Ht. 30m	Ht. 30m	Ht. 30m		
			Dia. 2400 mm	Dia. 350 NB	Dia. 350 NB	Dia. 450NB	Dia. 450 NB	Dia. 750NB		
			Stack temp 151°C	Stack temp 144°C	Stack temp 139°C	Stack temp 142°C	Stack temp 142°C	Stack temp 146°C		
			Analysis Duration-38 min	Analysis Duration-40 min	Analysis Duration-37 min	Analysis Duration-38 min	Analysis Duration-41 min	Analysis Duration-39 min		
			N28°08'008" E76°48'327"	N28°08'014" E76°48'322"	N28°08'015" E76°48'315"	N28°08'018" E76°48'322"	N28°08'019" E76°48'323"	N28°06'995" E76°48'269"		
1.	PM	mg/Nm³	40.5	37.4	31.1	35.5	38.6	41.1	75	IS:11255 Part-1
2.	Sulphur Content	%	0.0030	0.0027	0.0033	0.0025	0.0027	0.0022	<2.0	IS:11255 Part-2
3.	Oxides of Nitrogen (NOx)	ppmv	116.0	109.8	114.6	103.39	118.98	107.77	710	IS:11255 Part-7
4.	CO (at 15%O_2)	mg/Nm³	97.8	84.4	75.1	90.0	88.5	94.60	150	IS 13270 (Orsat Method)
5.	Velocity	m/s	9.9	8.9	10.1	10.9	10.6	11.4	-	IS:11255
6.	Emission Rate	Nm³/hr	10987.65	5678.81	4790.28	4116.44	4987.15	4167.48	-	IS:11255
7.	NMHC (as C) (at 15%O_2)	mg/Nm³	20.9	18.1	16.4	16.9	15.1	15.8	100	APHA 3rd Ed. (Air)

Note	:	BDL= Below Detection Limit

Notes: 1. The result listed above refer only to the tested samples and applicable parameters.
2. Remnants sample will be destroyed after 20 days from the date of receipt of sample.
3. Complaints, if any, about this report should be communicated within seven (07) days of the issue of this report.
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ENVIRO LAB BHIWADI

Annexure 10

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Under the Environment Protection Act 1986

Controlled Format	No. 7.8F-05
TEST REPORT	Issue Date: 27/01/2021

(Noise Analysis)

Test Report No.	:	**EL/BWD/200121-359**		
Issued To	:	**M/s Honda Cars India Ltd.** **SPL-1, RIICO Industrial Area, Tapukara,** **Tehsil: Tijara, Distt-Alwar (Raj.) 301707**		
Sample Id	:	EL/BWD/200121-359		
Sample Description	:	Ambient Noise		
Sampling Date	:	20/01/2021		
Sampling Time	:	11:39 AM (Day) – 10:06 PM (Night)		
Ambient Temperature (^{0}C)	:	18°C		
Sampling Procedure	:	Sound Level Meter		
Sampling Done By	:	Lab Representative		
Test Protocol	:	As Per Indian Standard 9989		
Sampling Plan & Procedure	:	Plan & Procedure No. 5.7P-01		
Details of Environmental Conditions during sampling	:	Temp.:18^{0}C	R.H.:70%	Weather: Clear

RESULTS

S. No.	LOCATIONS	UNIT	RESULT	STANDARD LIMIT	TEST METHOD
1.	QE Area	Leq dB (A)	63.2 (Day Time) 55.4 (Night Time)	75 (Day Time) 70 (Night Time)	IS:9989
2.	ETB Area	Leq dB (A)	65.7 (Day Time) 63.2 (Night Time)	75 (Day Time) 70 (Night Time)	IS:9989
3.	Admin Area	Leq dB (A)	61.5 (Day Time) 53.7 (Night Time)	75 (Day Time) 70 (Night Time)	IS:9989
4.	Forging Area	Leq dB (A)	65.1 (Day Time) 62.6 (Night Time)	75 (Day Time) 70 (Night Time)	IS:9989

NOTE	:	**Day Time is reckoned in between 6 A.M. to 10 P.M.** **Night Time is reckoned in between 10 P.M. to 6 A.M.**

Notes: -

1. The result listed above refers only to the tested samples and applicable parameters.
2. Complaints, if any, about this report should be communicated within seven (07) days of the issue of this report.
3. The report is not to be reproduced-wholly or in part and cannot be used as evidence in the court of law and should not be used in any advertising media without our special permission in writing.
4. Any backup either related in re-issue or changing of report should be given within 30 days of issue of this report.

ENVIRO LAB BHIWADI
Authorized By

Annexure 11

Ro Receiving

Honda Cars India Limited
SPL-1, Tapukara Industrial Area
Khushkhera, Distt. - ALWAR
RAJASTHAN 301707
E-mail : corporate@hondacarindia.com
Tel. : 01493-522000, Fax : 01493-522006

Date: 14th Sep 2017

To,

District Forest Officer,
Forest Department,
Manu Marg, Moti Doongri,
Alwar,
Rajasthan - 301001

Sub.: Regarding Green Belt Development of Honda Cars India Limited, Tapukara

Dear Sir,

This is to inform you that we have developed and maintained Green Belt at 33% as per CPCB guidelines in our manufacturing facility located at Honda Cars India Limited, Plot No. SPL – 1, Tapukara Industrial Area, Tehsil – Tijara, Dist.-Alwar, Rajasthan

We are hereby enclosing the detail of green area development as Annexure - I for your kind consideration and acknowledgement.

Thanking you,

Yours faithfully
For **Honda Cars India Ltd.**

(Sunil Kumar Yadav)
Vice President - General Affairs

Enclosures:

1) Annexure – I Detail of green area development

Trees/ Shrubs Details - HCIL - TKR				
Sr.	Particulars	No of Trees/ Shrubs	Area / Tree	Area in sqmtr
	SHRUBS			
1	Plumeria Alba	**1802**	9	16218
2	TMC (Chandani)	**3641**	9	32769
3	Bogal Villa	**1015**	9	9135
4	Kaner	**81**	9	729
5	Tikoma	**65**	9	585
6	Royal Palm	135	9	1215
7	Tibernee Mountana	50	9	450
8	Ficus Panda	2598	9	23382
	SUB TOAL:-	**9387**		
	TRESS			
1	Ficus Benjamina	2300	25	57500
2	Papri	1753	25	43825
3	Alostonia	1447	25	36175
4	Terminalia (Arjuna)	853	25	21325
5	Polyalthia (Ashoka)	1007	25	25175
6	Silver Oak	324	25	8100
7	Cassia Siamea	898	25	22450
8	Pilkhan	530	25	13250
9	Gulmohar (Red)	394	25	9850
10	Simel	67	25	1675
11	Australian Kicker	260	25	6500
12	Neem	3826	25	95650
13	Kajalia Pinnata	1977	25	49425
14	Lagerstroemia Floxregene	98	25	2450
15	Sona Mukhi	333	25	8325
16	Casia Shyma	334	25	8350
17	Kranj	35	25	875
18	Sisam	21	25	525
29	Espathodia	963	25	24075
30	Kadam	414	25	10350
31	Kachnar	376	25	9400
	SUB TOTAL:-	18210		539733
	GRAND TOTAL:-	**27597**		133

Annexure 12

96 Ki (2019-20) CSR Plan – No CSR planned in 97 KI

Activities		Location	Total Amount(In Million)
Health	Health camp	GNU / TKR	0.86
	Specialized Health Initiative	TKR	2
Education	TKR Construction	TKR	54.2
	Furniture & Fixture	TKR	4
	Education Upgradation	GNU / TKR	6.7
	YES Award	GNU	7
Environment	Green Area Maintinance	TKR	4.13
	Green Development & maintenance	GNU	4.75
	Pond	GNU	1.45
Road safety	Initiative at GNU	GNU	7
	Road Safety Proposal HMSI	GNU / TKR	2
Administrative			1.1
Total			95.13

Activity Pics

Tapukara Girls School

Health Camp Pics

Road Safety Pics

Green Area Maintenance

Annexure 13

Member Secretary

केन्द्रीय भूमि जल प्राधिकरण
जल संसाधन, नदी विकास एवं
गंगा संरक्षण मंत्रालय
भारत सरकार

Central Ground Water Authority
Ministry of Water Resources
River Development & Ganga Rejuvenation
Government of India

CGWA/IND/Proj/2017-258-R

No.21-4(237)/WR /CGWA /2007- 2009 Dated:- 06 DEC 2017

To

M/s Honda Cars India Ltd.
SPL-1, Tapukara Industrial Area,
Khushkhera, District Alwar , Rajasthan - 301707

Sub:- Renewal of NOC for ground water withdrawal to M/s Honda Cars India Ltd., in respect of their existing unit of manufacturing and production of Honda brand cars and components located at SPL-1, Tapukara Industrial Area, Block Tijara, District Alwar, Rajasthan - reg.

Refer to your application dated 15.07.2016 on the above cited subject. Based on recommendations of Regional Director, CGWB, Western Region, Jaipur vide their office letter No.TS/21B(186)/CGWA/WR/2007/158 dated 26.05.2017, and further deliberations on the subject, the renewal of NOC issued vide this office letter of even no. dated 09.09.2014 is hereby accorded to **M/s Honda Cars India Ltd., in respect of their existing unit of manufacturing and production of Honda brand cars and components located at SPL-1, Tapukara Industrial Area, Block Tijara, District Alwar, Rajasthan.** The renewal is however subject to the following conditions:-

1. The firm may abstract **1,774 m3/day** of ground water **(not exceeding 6,47,510 m^3/year)** through existing eighteen (18) tube wells only. No additional ground water abstraction structures to be constructed for this purpose without prior approval of the CGWA.
2. All the wells to remain fitted with water meter and monitoring of ground water abstraction to be continued on regular basis at least once in a month. The firm will continue to provide data of ground water extraction on regular basis to the Regional Director, Central Ground Water Board, Western Region, Jaipur. The ground water quality to be monitored twice in a year during pre monsoon and post monsoon periods.
3. **M/s Honda Cars India Ltd.,** shall, continue to implement ground water recharge measures to the tune of **15,47,360 m^3/year** for augmenting the ground water resources in consultation with the Regional Director, Central Ground Water Board, Western Region, Jaipur. Firm shall also undertake periodic maintenance of recharge structures at its own cost.

4. The firm shall continue to execute monthly ground water regime monitoring in and around the project area through four (4) nos. of piezometers and also install digital water level recorders with telemetry systems on regular basis in consultation with the Central Ground Water Board, Western Region, Jaipur.
5. The ground water monitoring data in respect of S. No. 2 & 4 shall be submitted to Central Ground Water Board, Western Region, Jaipur on regular basis at least once in a year.
6. The firm shall ensure proper recycling and reuse of waste water after adequate treatment.
7. Action taken report in respect of S.N o. 1 to 6 shall be submitted to CGWA within one year period.
8. The renewal is liable to be cancelled in case of non-compliance of any of the conditions as mentioned in S. No. 1 to 7.
9. This NOC is subject to prevailing Central/State Government rules/laws or Court orders related to construction of tubewell/ground water withdrawal/construction of recharge or conservation structures/discharge of effluents or any such matter as applicable.
10. This NOC does not absolve the applicant / proponent of his obligation / requirement to obtain other statutory and administrative clearances from other statutory and administrative authorities.
11. The NOC does not imply that other statutory / administrative clearances shall be granted to the project by the concerned authorities. Such authorities would consider the project on merits and be taking decisions independently of the NOC.
12. This renewal is valid for three years from date of issuance of this letter

Member Secretary

Copy to:

1. The Member Secretary, Rajasthan State Pollution Control Board, 4, Institutional Area, Jhalana Doongri, Jaipur- 302004, Rajasthan **with a request to ensure that the conditions mentioned in the NOC are compiled by the firm in consultation with the District Collector, District Alwar, Rajasthan.**
2. The District Collector, District Alwar, Rajasthan for necessary action.
3. The Regional Director, Central Ground Water Board, Western Region, Jaipur. This has reference to your recommendation dated 26.05.2017.
4. TS to the Chairman, Central Ground Water Authority, Shram Shakti Bhawan, Rafi Marg, New Delhi.
5. Guard File 2017-18.

Member Secretary

Government of India
Ministry of Jal Shakti
Department of Water Resources, River Development and Ganga Rejuvenation
Central Ground Water Authority (CGWA)
Applications for Issue of NOC to Abstract Ground Water (NOCAP)

Application for Renew of NOC Issued to Existing Industrial Projects Abstracting GroundWater (Save As Draft Application For Renewal of NOC)

Application Number : 21-4/237/RJ/IND/2007
Old Application Number : 21-4(237)/WR/CGWA/2014
Applied For Renewal : 2nd

(Scanned copy of this page after signature and seal should be attached at "Application with Signature and Seal" in attachment section before submission of application)

Name of Industry:	M/S HONDA CARS INDIA LTD.
Location Details of the Industrial Unit	
Address Line 1 :	M/S HONDA CARS INDIA LTD.
Address Line 2 :	
Address Line 3 :	
State:	RAJASTHAN
District:	ALWAR
Sub-District:	TIJARA
Village/Town:	Tapookra (CT)
Net Ground Water(m3/day):	1774.00
Area Type Category :	Over Exploited

INDUSTRIAL USE- Self Declaration

I hereby certify that the data and information furnished above are true to the best of my knowledge and belief and I am aware that if any part of the data / information submitted is found to be false or misleading at any stage, the application will be rejected outright.

I hereby declare that all the mandatory documents prescribed in the application form have been uploaded and no blank /irrelevant documents have been uploaded. I am also aware that any false/ wrong submission /uploading of document will lead to rejection of my application without any notice.

It is to certify that no case related to ground water withdrawal/ contamination is pending against the industry/ project/ unit as on date. Any such case filed against the company/ project/ unit in respect of ground water withdrawal/ contamination during the pendency of this application shall be immediately brought to the notice of CGWA.

I hereby undertake that in case any environmental compensation/ penalty is imposed on the firm by any statutory authority, I shall comply with the decision of such authority.

/

मैं यह प्रमाणित करता हूं कि ऊपर प्रस्तुत किये गऐ आँकड़े और जानकारी मेरे ज्ञान और विश्वास के अनुसार सही हैं और मुझे पता है कि यदि प्रस्तुत आँकड़े / सूचना का कोई भी भाग किसी भी स्तर पर गलत या भ्रामक पाया जाता है, तो आवेदन बिना किसी पूर्व सूचना के निरस्त कर दिया जाएगा।

मैं इसके द्वारा घोषित करता हूं कि आवेदन पत्र में निर्धारित सभी अनिवार्य दस्तावेजों को अपलोड किया गया है और कोई रिक्त / अप्रासंगिक दस्तावेज अपलोड नहीं किया गया है। मुझे यह भी पता है कि कोई भी गलत दस्तावेज अपलोड करने पर मेरे आवेदन को बिना किसी सूचना के निरस्त कर दिया जाएगा।

यह प्रमाणित करता हूँ कि उद्योग / परियोजना / इकाई के खिलाफ आज तक भूजल निकासी / प्रदूषण से संबंधित कोई भी मामला किसी भी न्यायालय में लंबित नहीं है। इस आवेदन की प्रक्रिया के दौरान भूजल निकासी / प्रदूषण के संबंध में कंपनी / परियोजना / इकाई के खिलाफ दायर किसी भी मामले को तुरंत के. भू. ज. प्राधिकरण के ध्यान में लाउंगा।

मैं इस बात का वचन देता हूं कि यदि किसी भी वैधानिक प्राधिकरण द्वारा फर्म पर कोई पर्यावरणीय क्षतिपूर्ति / जुर्माना लगाया जाता है,तो मैं प्राधिकरण के उस निर्णय का पालन करूंगा।

HONDA CARS INDIA LTD. TAPUKARA

Yogendra Singh

Name & Signature of the applicant

(With official seal)

Date :

Place :

Associated User : HCIL

* In case signed by any authorized signatory, the details of the signatory with the authorization shall be enclosed.

Annexure 14

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ENVIRO LAB

(Pollution Control Consultants)

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Recognized from Ministry of Environment, Forest & Climate Change (MoEFCC) Govt. of India
Under the Environment Protection Act 1986

Controlled Format	No. 7.8F-04
TEST REPORT	Issue Date: 02/04/2021
(Stack Emission Analysis)	

Test Report No.	:	**EL/BWD/250321-1459**
Issued To.	:	**M/s Honda Cars India Ltd.** **SPL-1, RIICO Industrial Area, Tapukara,** **Tehsil: Tijara, Distt-Alwar (Raj.) 301707**
Sample Id	:	EL/BWD/250321-1459
Sample Description	:	Stack Emission
Sampling Location	:	HPDC Melting Furnace
Type of Stack	:	MS
Source of Emission		HPDC Stack-1
Sampling Date	:	25/03/2021
Receiving Date	:	25/03/2021
Time of Sampling	:	12:06 PM
Analysis Duration	:	40 min.
Ambient Temperature	:	30°C
Stack Temperature (°C)	:	72°C
Capacity	:	4 ton/hr
Velocity (m/sec)	:	10.7 m/sec.
Height of Stack from Ground Level	:	30 meter
Diameter of Stack	:	1.3 meter
Instrument Used	:	Stack Monitoring Kit
Sampling Done By	:	Lab Representative
Latitude	:	N 28°06'911"
Longitude	:	E 76°48'219"
Test Protocol	:	As Per Indian Standard 11255
Sampling Plan & Procedure	:	Plan & Procedure No. 7.3P-01
Details of Environmental Conditions during sampling	:	Temp: -30°C / RH: - 21% / Weather: - Clear

Results

S. NO.	PARAMETER	UNIT	RESULT	STANDARD LIMIT	TEST METHOD
1.	SPM	mg/Nm^3	4.9	150	IS:11255 Part-1
2.	SO_2	mg/Nm^3	BDL	-	IS:11255 Part-2
3.	Oxides of Nitrogen (NOx)	mg/Nm^3	6.0	-	IS:11255 Part-7
4.	CO (at 15%O_2)	%	BDL	-	IS 13270 (Orsat Method)
5	Velocity	m/s	10.7	-	IS:11255
6.	Emission Rate	Nm^3/hr	50010.20	-	IS:11255
7.	Aluminium as Al	mg/Nm^3	1.7	-	APHA 23rd Edition

Note	:	**BDL= Below Detection Limit**

Notes: 1. The result listed above refer only to the tested samples and applicable parameters.
2. Remnants sample will be destroyed after 20 days from the date of receipt of sample.
3. Complaints, if any, about this report should be communicated within seven (07) days of the issue of this report.
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Analyzed By

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Controlled Format	No. 7.8F-04
TEST REPORT	Issue Date: 02/04/2021
(Stack Emission Analysis)	

Test Report No.	:	**EL/BWD/250321-1460**		
Issued To.	:	**M/s Honda Cars India Ltd.** **SPL-1, RIICO Industrial Area, Tapukara,** **Tehsil: Tijara, Distt-Alwar (Raj.) 301707**		
Sample Id	:	EL/BWD/250321-1460		
Sample Description	:	Stack Emission		
Sampling Location	:	LPDC Melting Furnace		
Type of Stack	:	MS		
Source of Emission		LPDC		
Sampling Date	:	25/03/2021		
Receiving Date	:	25/03/2021		
Time of Sampling	:	01:14 PM		
Analysis Duration	:	38 min.		
Ambient Temperature	:	30°C		
Stack Temperature (^{0}C)	:	60°C		
Capacity	:	1.8 ton/hr.		
Velocity (m/sec)	:	12.8 m/sec.		
Height of Stack from Ground Level	:	30 meter		
Diameter of Stack	:	1.5 meter		
Instrument Used	:	Stack Monitoring Kit		
Sampling Done By	:	Lab Representative		
Latitude	:	N 28°06'930"		
Longitude	:	E 76°48'235"		
Test Protocol	:	As Per Indian Standard 11255		
Sampling Plan & Procedure	:	Plan & Procedure No. 7.3P-01		
Details of Environmental Conditions during sampling	:	Temp: -30°C	RH: - 21%	Weather: - Clear

Results

S. NO.	PARAMETER	UNIT	RESULT	STANDARD LIMIT	TEST METHOD
1.	SPM	mg/Nm^3	5.5	150	IS:11255 Part-1
2.	SO_2	mg/Nm^3	BDL	-	IS:11255 Part-2
3.	Oxides of Nitrogen (NOx)	mg/Nm^3	5.7	-	IS:11255 Part-7
4.	CO (at 15%O_2)	%	BDL	-	IS 13270 (Orsat Method)
5.	Velocity	m/s	12.8	-	IS:11255
6.	Emission Rate	Nm^3/hr	71699.10	-	IS:11255
7.	Aluminium as Al	mg/Nm^3	1.8	-	APHA 23rd Edition

Note : **BDL= Below Detection Limit**

Notes: 1. The result listed above refer only to the tested samples and applicable parameters.
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Controlled Format					No. 7.8F-04
TEST REPORT					Issue Date: 02/04/2021
(Stack Emission Analysis)					
Test Report No.	:	**EL/BWD/250321-1461**			
Issued To.	:	**M/s Honda Cars India Ltd. SPL-1, RIICO Industrial Area, Tapukara, Tehsil: Tijara, Distt-Alwar (Raj.) 301707**			
Sample Id	:	EL/BWD/250321-1461			
Sample Description	:	Stack Emission			
Sampling Location	:	HPDC+LPDC Melting Furnace Stack			
Type of Stack	:	MS			
Source of Emission		HPDC+LPDC Stack			
Sampling Date	:	25/03/2021			
Receiving Date	:	--			
Time of Sampling	:	--			
Analysis Duration	:	--			
Ambient Temperature	:	30°C			
Stack Temperature (°C)	:	--			
Capacity	:	1.2 ton/hr.			
Velocity (m/sec)	:	--			
Height of Stack from Ground Level	:	30 meter			
Diameter of Stack	:	1.5 meter			
Instrument Used	:	Stack Monitoring Kit			
Sampling Done By	:	Lab Representative			
Latitude	:	N 28°06'948"			
Longitude	:	E 76°48'238"			
Test Protocol	:	As Per Indian Standard 11255			
Sampling Plan & Procedure	:	Plan & Procedure No. 7.3P-01			
Details of Environmental Conditions during sampling	:	Temp: -30°C	RH: - 21%	Weather: - Clear	

Results

S. NO.	PARAMETER	UNIT	RESULT	STANDARD LIMIT	TEST METHOD
This Stack was not in Operation at time of Monitoring					

Note	:	BDL= Below Detection Limit

Notes: 1. The result listed above refer only to the tested samples and applicable parameters.
2. Remnants sample will be destroyed after 20 days from the date of receipt of sample.
3. Complaints, if any, about this report should be communicated within seven (07) days of the issue of this report.
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Controlled Format	No. 7.8F-04
TEST REPORT	Issue Date: 02/04/2021
(Stack Emission Analysis)	

Test Report No.	:	**EL/BWD/250321-1462**
Issued To.	:	**M/s Honda Cars India Ltd.** **SPL-1, RIICO Industrial Area, Tapukara,** **Tehsil: Tijara, Distt-Alwar (Raj.) 301707**
Sample Id	:	EL/BWD/250321-1462
Sample Description	:	Stack Emission
Sampling Location	:	SPC
Type of Stack	:	MS
Source of Emission		SPC Stack
Sampling Date	:	25/03/2021
Receiving Date	:	25/03/2021
Time of Sampling	:	03:48 PM
Analysis Duration	:	41 min.
Ambient Temperature	:	30°C
Stack Temperature (°C)	:	37°C
Capacity	:	1800 KWH
Velocity (m/sec)	:	10.9 m/sec.
Height of Stack from Ground Level	:	30 meter
Diameter of Stack	:	0.8 meter
Instrument Used	:	Stack Monitoring Kit
Sampling Done By	:	Lab Representative
Latitude	:	N 28°06'983"
Longitude	:	E 76°48'245"
Test Protocol	:	As Per Indian Standard 11255
Sampling Plan & Procedure	:	Plan & Procedure No. 7.3P-01
Details of Environmental Conditions during sampling	:	Temp: -30°C / RH: - 21% / Weather: - Clear

Results

S. NO.	PARAMETER	UNIT	RESULT	STANDARD LIMIT	TEST METHOD
1.	SPM	mg/Nm^3	10.2	150	IS:11255 Part-1
2.	SO_2	mg/Nm^3	BDL	-	IS:11255 Part-2
3.	Oxides of Nitrogen (NOx)	mg/Nm^3	6.1	-	IS:11255 Part-7
4.	CO (at 15%O_2)	%	BDL	-	IS 13270 (Orsat Method)
5.	Velocity	m/s	10.9	-	IS:11255
6.	Emission Rate	Nm^3/hr	20101.55	-	IS:11255
7.	Aluminium as Al	mg/Nm^3	2.9	-	APHA 23rd Edition

Note	:	**BDL= Below Detection Limit**

Notes: 1. The result listed above refer only to the tested samples and applicable parameters.
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Annexure 15

SC tells med college to pay ₹10L each to 150 students

Compensation For Illegal Admissions

AmitAnand.Choudhary
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New Delhi: In the wake of an ongoing investigation into a judicial nexus in illegal medical college admissions, the Supreme Court directed a Lucknow-based college on Thursday to pay Rs 10 lakh each to 150 students as compensation and sternly admonished a bench of the Allahabad high court for permitting the admissions.

The court asked the college to refund the admission fee paid by the students and slapped a fine of Rs 25 lakh to be paid to the SC registry. It also barred the college from admitting students for the next academic year, 2018-19.

Not mincing words while pulling up the division bench of the Allahabad HC for allowing the institute to admit students in violation of its order, a bench of Chief Justice Dipak Misra and Justices A M Khanwilkar and D Y Chandrachud said it was a case of "judicial indiscipline and impropriety".

The apex court said the HC bench had virtually overruled the SC order, transgressing all rules and regulations.

"It is most unfortunate, which may cause [an] institutional problem," the bench said and hinted that it may address the issue on the administrative side.

Senior advocate Vikas Singh and lawyer Gaurav Sharma, appearing for the Medical Council of India (MCI), told the bench that the HC allowed admissions even though the college didn't have formal permission from the Centre and failed to consider that the college suffered from deficiencies in infrastructure, clinical material and faculty. Moreover, the HC ignored the earlier SC order restraining any interim order in this regard.

Senior advocate Rajeev Dhavan, appearing for the college, said the institution should not be punished for the HC's wrong verdict but the bench remained firm.

A bench of the Allahabad HC was recently in the news after the CBI arrested a retired judge of the Orissa HC, I M Quddusi, for allegedly conspiring to facilitate a favourable order for a college run by Prasad Education Trust — also a Lucknow-based institution. Quddusi had earlier served in the Allahabad HC.

The SC's order assumes significance in view of allegations of a middlemen-judges nexus for getting favourable judgments in cases of medical admissions. The CBI arrested Quddusi and five others for allegedly conspiring to "settle" an MCI order debarring a private medical college from MBBS admissions. The case exposed the rot and corruption in medical education.

COURT HAULS UP ALLAHABAD HC BENCH

- SC admonishes an Allahabad HC bench for permitting admissions, says it's a case of **'judicial indiscipline and impropriety'**
- MCI counsel tells SC that HC allowed admissions though college didn't have permission from Centre and **lacked infrastructure, clinical material and faculty**
- SC says HC bench virtually overruled its order, **transgressing all rules and regulations**

Actor who played Padmavati in 70s says Deepika must be fond of queen

Marathi Play Had Not Sparked Any Protests

Ambarish.Mishra
@timesgroup.com

Mumbai: Asha Kale's landline hasn't stopped buzzing ever since the 'Padmavati' row erupted. The noted actor's friends and admirers want her to recall 'Maharani Padmini,' a Marathi play in which she essayed the iconic Chittor queen. "I am happy Marathis still remember 'Maharani Padmini,'" Kale told TOI on Thursday. Written by P B Bhave, whose loyalty to Hindutva, it was said, often impinged on his near-impeccable literary credentials, the play chiefly views the Padmini-Allauddin Khilji faceoff through the prism of religion.

Premiered in Mumbai in December 1971, 'Maharani Padmini' coincided with the rise of the Shiv Sena; veterans are quick to point out Padmini's soliloquies had not-so-faint echoes of Bal Thackeray's outburst against "anti-national" Muslims. Yet the Congress, which then reigned supreme, struck a balance between politics and the arts, said Shantaram Mankame, a theatre aficionado. "The 'Ghashiram Kotwal' controversy of the 1970s pales before the present madness over 'Padmavati,'" he said.

Kale remembers the rigorous schedule that Bhave and director Purushottam Darvhekar planned for her preceding the premiere. "Rehearsals went on for three months. Bhave's highly Sanskritised lines were difficult to remember, leave alone mouthing them with emotions," she said. "Bhave told me I should show the dignity of Padmini who, he said, had 12 children when Khilji set eyes on her," said Kale. Was she ever told Padmini may have been the imagination of a Sufi poet? "No, I was told she was a true person, a brave queen."

Preparations were elaborate: master make-up artist Pandharinath Jukar was on board and Padmini's sequined 'ghagras' and Khilji's robes were designed by craftsmen of V Shantaram's Raj Kamal Studios. Vasant Desai set to tune songs penned by Raja Badhe, while noted actor-singer Faiyyaz did the playback.

"The song when Padmini's friends prepare her for the final act, the self-immolation, was moving," said Faiyyaz. Sets were lavish and producer Prabhakar Panshikar, who played Khilji, was liberal with funds. Shashikant Nikte, a National School of Drama alumni, portrayed Ratansinh Rawal, Padmini's husband.

"The play demanded intensity and understanding. I was barely in my 20s and I'd be nervous at the start of every show. But soon I got fond of Padmavati. I am sure Deepika Padukone too felt the same," said Kale. "TOI wrote a rave review and praised my role too," she added.

Yet the play hardly created ripples in the cultural and political domain. While it luckily didn't spark protest, it didn't witness big-ticket success either. After 90 performances, Panshikar decided to stop the play for financial reasons. And no one has been talking about it since then, except its brief revival which too bombed. Kale thinks people may have found it "punishing" to sit through a 4.5-hour performance. But, according to a prominent theatre person, Bhave's anti-Islam rant and lop-sided view of history must have left Marathi connoisseurs cold.

Kale is surprised the Rajput community is up in arms against 'Padmavati.' "Maharashtra has by and large adhered to tolerance and creative freedom. Protest has to be peaceful and within the framework of law," she said.

ABOUT THE THEATRE VERSION

- 'Maharani Padmini' premiered in Mumbai in December 1971
- Written by P B Bhave, a believer in Hindutva
- Vasant Desai set to tune songs penned by Raja Badhe
- Noted actor-singer Faiyyaz did the playback
- Play didn't spark protest, but it didn't witness big-ticket success either

Asha Kale with CM Devendra Fadnavis

UGC suspends engg degrees given by 4 deemed to be univs

New Delhi: The University Grants Commission (UGC) has suspended engineering degrees awarded by four deemed to be universities through distance mode.

The move comes following an order by the Supreme Court earlier this month which had restrained universities across the country from continuing any distance learning courses from the 2018-19 without prior approval of the regulatory authorities and ordered a CBI probe into granting of approvals to four of them. The four universities are –JRN Rajasthan Vidyapeeth, Institute of Advanced Studies in Education (IASE), Rajasthan, Allahabad Agricultural Institute (AAI) and Vinayaka Mission's Research Foundation, Tamil Nadu. "AICTE Regulations, do apply to deemed to be universities and the four varsities were not justified in introducing any new courses in Technical Education without the approval of AICTE.

"Consequent to this..all the degrees in Engineering awarded by concerned deemed to be universities stand suspended," UGC Secretary PK Thakur said.

The top court had directed the AICTE to hold tests for the students whose degrees would stand suspended by January 15, 2018, and said these students should not be given more than two chances to clear the examination. PTI

Fractured track led to mishap, say railways

New year affords 16 'long weekend' opportunities, Sept alone has three

7 Holidays 'Lost' In 2018

Chittaranjan.Tembhekar
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Mumbai: Seven holidays are 'lost' to weekends and Wednesdays (that nixes the opportunity to club a weekend with a holiday with only a day's leave in between) in 2018, but there are more long-weekend pos-

PACK YOUR BAGS | LONG WEEKEND OPPORTUNITIES

Sunday | 19, Shivaji Jayanti

MARCH

2 (Rangpanchami), Friday | 3, Saturday | 4, Sunday | 29 (Mahavir Jayanti), Thursday | 30, Good Friday | 31, Saturday | April 1, Sunday

APRIL-MAY

28, 4th Saturday | 29, Sunday | 30 (Budhha Purnima),

| 14, Friday (take a day's leave) | 15, Saturday | 16, Sunday | 20 (Muharram), Thursday | 21, Friday (take a day's leave) | 22, 4th Saturday | 23 (Anant Chaturdashi), Sunday

SEPT-OCT

Sept 29, Saturday | Sept 30, Sunday | Oct 1, Monday (take a day's leave) | Oct 2 (Gandhi Jayanti), Tuesday | Oct 18 (Dussera), Thursday | Oct 19, Friday (take a day's leave) | Oct 20,

छोटी... बड़ी खबरें

डोल विवाद को लेकर झगड़ा, आधा दर्जन घायल

किशनगढ़बास. समीपवर्ती ग्राम घासोली में खेत के डोल विवाद को लेकर दो पक्षों में हुए झगड़े में एक पक्ष के आधा दर्जन लोग घायल हो गए। जानकारी के अनुसार झगड़े में एक पक्ष के जैकम, ताहिरा, मौसम, महमूदी, आजाद व लीला घायल हो गए। घायलों को परिजनों ने किशनगढ़बास रैफरल चिकित्सालय ले गए, जहां उनका इलाज चल रहा है।

खैरथल-किशनगढ़बास क्षेत्र अलवर उद्योग केन्द्र के क्षेत्राधिकार में शामिल

खैरथल. रीको औद्योगिक क्षेत्र खैरथल व किशनगढ़बास तहसील क्षेत्र को जिला उद्योग केन्द्र भिवाड़ी के क्षेत्र अधिकार से हटाकर जिला उद्योग केन्द्र अलवर के क्षेत्राधिकार में किया गया है। भाजपा के मंडल अध्यक्ष प्रमिल जसोरिया ने बताया कि पिछले पांच वर्षों से उद्योगपतियों की ओर से खैरथल-किशनगढ़बास क्षेत्र को भिवाड़ी की जगह अलवर उद्योग केन्द्र के क्षेत्राधिकार में रखे जाने की मांग की जा रही थी।

ए[illegible] को ज्ञापन देने का किया निर्णय

की ओर से विभिन्न खेलकूद प्रतियोगिताओं का आयोजन 27 नवम्बरको कस्बे के जालूकी रोड़ पर स्थित खेल मैदान में आयोजित किया जाएगा। पुलिस थाना प्रभारी प्रहलाद सहाय ने बताया कि पुलिस अधीक्षक राहुल प्रकाश के निर्देशन में आमजन में आपसी भाईचारा, प्रेमभाव व पुलिस के प्रति सोच बदलने के मकसद से 27 नवम्बर को कबड्डी, कुश्ती व थ्रो बॉल प्रतियोगिताओं का आयोजन किया जाएगा। जिससें पुलिस थाना लक्ष्मणगढ़ क्षेत्र के खिलाड़ियों की टीमें व खिलाड़ी भाग ले सकेंगे।

शिविर में 126 नेत्र रोगियों की जांच

खैरथल. लॉयस क्लब व इक्वीटास के संयुक्त तत्वावधान में शुक्रवार को कस्बे की कुठली बस्ती में निःशुल्क नेत्र रोग जांच शिविर लगाया गया। क्लब के अध्यक्ष रिंकू मेहता ने बताया कि शिविर में 126 रोगियों की नेत्रों की जांच, उपचार व निःशुल्क दवाइयां दी गई। शिविर में इक्वीटास के क्षेत्रीय अधिकारी रविसिंह व शाखा प्रबन्धक मनोज चौधरी मौजूद रहे।

ईएनटी रोग निदान शिविर आज

रैणी. पंचायत समिति क्षेत्र की बबेली ग्राम पंचायत के अटल सेवा केन्द्र में शनिवार को नाक-कान, गला रोग निदान शिविर का आयोजन ग्राम पंचायत बबेली के तत्वाधान में होगा। यह जानकारी सरपंच संघ अध्यक्ष गब्बर सिंह मीणा ने दी।

ट्रैक्टर ने बाइक को टक्कर मारी, महिला की मौत

अलवर. रिश्तेदारी में मिलने जा रहे दो बाइक सवार तीन लोगों को ट्रैक्टर ने शुक्रवार सुबह बुर्जा के पास पीछे से टक्कर मार दी। इसमें बाइक सवार एक महिला की मौत हो गई। जबकि दो भाई घायल हो गए। घटना के बाद आरोपी ट्रैक्टर चालक वाहन सहित मौके से फरार हो गया। सदर थाना पुलिस ने बताया कि मालाखेड़ा कस्बे के खारेड़ा गांव निवासी रूजदार अपनी पत्नी जैबुना व भाई उमरदीन के साथ बाइक पर मालाखेड़ा से अलवर की तरफ आ रहा था। बुर्जा के पास पीछे से ट्रैक्टर ने बाइक में टक्कर मार दी। घटना में रूजदार की मौके पर ही मौत हो गई। घटना स्थल पर भारी भीड़ जमा हो गई। मृतका व घायलों को 108 एम्बुलेंस की मदद से सामान्य अस्पताल लाया गया। जहां डॉक्टरों ने महिला को मृत घोषित किया। जबकि घायलों को ट्रोमा सेंटर में इलाज किया गया। पोस्टमार्टम के बाद महिला का शव परिजनों को सौंप दिया गया है। मृतका के परिजनों ने ट्रैक्टर चालक के खिलाफ मामले की लिखित पुलिस को दी है।

कृषि योजनाओं की दी जानकारी

राजगढ़. किसान मोर्चा के जिलाध्यक्ष विजयपाल चौधरी का राजगढ़ पहुंचने पर जिला मंत्री बाबूलाल शर्मा के नेतृत्व में शुक्रवार शाम को स्वागत किया गया। उन्होंने केन्द्र एवं राज्य सरकार की कृषि योजनाओं के सम्बन्ध में जानकारी दी। इस मौके पर किसान मोर्चा मण्डल राजगढ़ के पूर्व अध्यक्ष कालूराम सैनी, उपाध्यक्ष सुरेन्द्र सैनी आदि मौजूद थे।

जीएसएस पर किया प्रदर्शन

[illegible] में जीएसएस पर विरोध प्रदर्शन करते किसान।

ट्रिप हो जाता है। ट्रीपिंग की समस्या के चलते किसानों की बोरिंग की थ्रीफेज बिजली आती है, जिससे किसानों को रात में खेतों में पानी देना ... शुरू की गई।

सर छोटूराम की जयंती मनाई

खैरथल @ पत्रिका. समीपवर्ती ग्राम मोहम्मदपुर में शुक्रवार को दीनबंधु छोटूराम की 136वीं जयंती कार्यक्रम का आयोजन किया गया। कार्यक्रम में युवा जाट महासभा के अध्यक्ष कुलदीप चौधरी ने सर छोटूराम की जीवन पर प्रकाश डालते हुए कहा कि उन्होंने लोगों को शिक्षा का महत्व बताया व जगह-जगह स्कूल कॉलेज खुलवाए। इस अवसर पर अशोक, राजू, नरेश कुमार, कर्मवीर, होशियारसिंह, दयाराम, मुरली, महेन्द्र, नन्दराम, फकीरचन्द, सुबेसिंह, विनोद बोहरा आदि मौजूद थे।

मालाखेड़ा. किसान नेता सर छोटूराम की जयंती कस्बे के वीरतेजा एकेडमी के सामने मनाई गई। कार्यक्रम किसान महापंचायत के तत्वावधान में किया गया। अध्यक्षता प्रबुद्ध समाज सेवी एडवोकेट जनक चौधरी ने की। किसान महापंचायत के जिला प्रभारी सुरेश बिजराणीया ने किसान नेता सर छोटूराम की जीवनी पर प्रकाश डाला व उनके चित्र पर पुष्प अर्पित किए। जिले मे एक लाख किसानों के सदस्यता दिलाने की बात कही। इस मौके पर डॉ. बबली हल्दीना, गुट्टारी हल्दीना, फूल सिंह मिर्जापुर, महेन्द्र चौधरी, राजाराम कलसाड़ा, इरफान महुआ, रघुवीर चौधरी, जत्ती आदि ने सभा को सम्बोधित किया।

रैली निकाल दिया स्वच्छता का संदेश

किशनगढ़बास @ पत्रिका. ग्राम पंचायत बृसंगपुर में स्थित राउमावि मेदाबास में स्वच्छ भारत अभियान कार्यक्रम के तहत रैली निकालकर स्वच्छता का संदेश दिया।

रैली को अतिरिक्त ब्लॉक शिक्षा अधिकारी किशोर कुमार ने हरी झंडी दिखाकर रवाना किया। इस मौके पर स्वच्छ भारत मिशन के डीआरजी गुलाब शर्मा ने लोगों को रैली के माध्यम से खुले में शौच मुक्त ग्राम पंचायत बनाने के लिए प्रेरित किया। ग्रामीणों को स्वच्छ भारत जागृति संदेश देने के लिए ग्राम पड़ासला के राउमावि मेदाबाद के विद्यालय के छात्र- छात्राओं की ओर से रैली निकालकर संदेश दिया तथा घर-घर जाकर शौचालय निमार्ण के लिए जागृत किया गया। इस मौके पर ग्राम पंचायत सरपंच डीआरजी भारत सिंह, विद्यालय अध्यापक राजेश मेघवाल सहित आंगनबाड़ी कर्मचारी ग्रामीण मौजूद थे।

गिरफ्तारी को लेकर धरना प्रदर्शन शुरू

रामगढ़ @ पत्रिका. युवा ओड़ समाज ने शुक्रवार को नाबालिग से दुष्कर्म के मामले में आरोपितों की गिरफ्तारी को लेकर तहसील रंगमंच पर धरना शुरू किया।

गौरतलब है कि नौ माह पूर्व रामगढ़ क्षेत्र के एक गांव में नाबालिक के साथ दुष्कर्म किया गया था। इस मामले में आरोपितों की गिरफ्तारी की मांग को लेकर ओड़ समाज की ओर से मंगत सिंह चिड़वई के नेतृत्व में समाज के लोगों ने तहसील रंगमंच पर अनिश्चितकालीन धरना शुरू किया। धरने पर सरपंच रामस्वरूप चिड़वाई, पूर्व सरपंच ग्राम बैसाखी राम, हीरालाल, गोपालराम, हुकम सिंह नौगांवा, राजा राजपूत, अशोक पवार, पलटू राम आदि उपस्थित थे। इस दौरान डॉ. पीयूष दीक्षित ने धरने पर बैठे मंगत सिंह का चेकअप किया।

सुलतान सैनी प्रदेश सहकारिता प्रकोष्ठ के सदस्य बने

नारायणपुर. भाजपा के प्रदेशाध्यक्ष अशोक परनामी की सहमति से प्रदेश सहकारिता प्रकोष्ठ कार्यकारिणी का विस्तार किया गया। इसमें दो की सह संयोजक व नौ जनों को सदस्य नियुक्त किया गया है। कस्बे से भाजपा कार्यकर्ता सुलतान सैनी को प्रदेश सहकारिता प्रकोष्ठ कार्यकारिणी में सदस्य नियुक्त किया है। इस दौरान धुड़ाराम यादव, नारायणपुर उपसरपंच भवानी शंकर सैनी, जगदीश सैनी, ओमप्रकाश, कमलेश मीणा आदि उपस्थित थे।

स्वरोजगार करने के लिए किया प्रेरित

माचाड़ी (राजगढ़). माता श्रीगोमती देवी जनसेवा निधि के तत्वावधान में शुक्रवार को माचाड़ी कस्बे के संस्था के कार्यालय परिसर में स्वरोजगार विकास कार्यक्रम का आयोजन किया गया।

मुख्य अतिथि व रैणी प्रधान अनिता सैनी ने कहा कि संस्था की ओर से ग्रामीण क्षेत्र में स्वरोजगार के लिए आर्थिक मदद प्रदान की जा रही है वह सराहनीय है। उन्होंने सभी लोगों को स्वरोजगार करने के लिए प्रेरित किया। कार्यक्रम के विशिष्ट अतिथि रैणी के विकास अधिकारी मोहन सिंह फौजदार ने बीपीएल एवं अल्प आय वर्ग के परिवारों को ग्रामीण क्षेत्र में छोटे-छोटे कुटीर उद्योग शुरू करने का आह्वान किया। संस्था के मुख्य ... नागपाल शर्मा आदि मौजूद थे।

मंत्री ने ग्रामीणों की समस्या सुनी

सकट. सामान्य प्रशासन मंत्री हेमसिंह भड़ाना ने बुधवार देर शाम को ग्राम पंचायत नाथलवाड़ा के गांव नारायणपुर में ग्रामीणों की समस्याएं सुनी । इस अवसर पर मंत्री भडाना का गांव नारायणपुर के ग्रामीणों सहित राजपूत समाज के लोगों ने स्वागत किया। ग्रामीणों ने मंत्री को गांव व क्षेत्र की समस्याओं से अवगत कराया। इस मौके पर राजगढ़ तहसीलदार अनिल चौधरी, राजगढ़ के विकास अधिकारी बलदेव सिंह गुर्जर, भाजयुमो घमरेड़ राजपुरबड़ा मण्डल अध्यक्ष श्याम सुंदर शर्मा जोनेटा, अजय सिंह राजपूत, प्रेम सिंह, सुल्तान सिंह, संदीप शर्मा, गोपाल लाटा आदि मौजूद थे।

नारी उत्थान संस्थान की अध्यक्ष उमारत्नू 'कुरजां' अवार्ड से सम्मानित

नारायणपुर. जयपुर स्थित रविन्द्र मंच पर कुरजां आवार्ड लेती नारी उत्थान संस्थान की अध्यक्ष उमारत्नू।

नारायणपुर @ पत्रिका. जयपुर के रविन्द्र पर आयोजित सुपर स्टार आवार्ड 'कुरजां' आवार्ड समारोह में नारी सशक्तीकरण व महिलाओं के लिए बगए गए उत्कृष्ट कार्य के ... किया। इस अवसर पर आईएएस नवीन कुमार जैन, जयपुर उपमहापौर मनोज कुमार आदि उपस्थित थे। उमारत्नू स्त्रियों के स्वरोजगार तथा स्वावलम्बन के ... नारी उत्थान संस्थान के ... होने पर फिर से धरने की चेतावनी दी है।

केमिकल्स पर लगाओ रोक

अपनी त्वचा का हमेशा ख्याल ... अक्लमंदी इसी में है कि किसी अच्छे ...

Annexure 16

9/c

HONDA

Honda Cars India Limited
SPL-1, Tapukara Industrial Area
Khushkhera, Distt. - ALWAR
RAJASTHAN 301707
E-mail : corporate@hondacarindia.com
Tel. : 01493-522000, Fax : 01493-522006

Date: 18-Sep-20

To,

Sr. Environmental Engineer (MUID)
Rajasthan State Pollution Control Board
4, Institutional Area, Jhalana Doongri
Jaipur (Rajasthan)

Sub: Submission of Environment Statement Report for the FY 2019-20

Ref: CTO license no. for consents issued to HCIL – TKR :
File No: F(HDF)/Alwar(Tijara)/28(1)/2020-2021/457-460.
Order no: 2020-2021/HDF/3026
Unit Id: 3097

Dear Sir,

We are submitting you the Environment Statement for the FY 2019-20 in Form-V based on existing consent as mentioned above.

This is for your kind information & records.

Thanking You,
Yours faithfully,

For Honda Cars India Ltd

Rajasthan State Pollution Control Board, Bhiwadi — Dt. 18/09/20 Rec.

(Pravin Chaudhari)
Head - EHS

Cc: The Regional Officer, Rajasthan Pollution Control Board, 8/43-44, N.E.B., Housing Board Alwar, Dist.-Alwar (Rajasthan)

Enclosures: Environment Statement Form V

FORM -V

ENVIRONMENT STATEMENT REPORT

From:

1-Apr-19 to 31-Mar-20

---- Submitted By ----

M/s Honda Cars India Ltd.

SPL-1, Tapukara Industrial Area, Khuskhera,

Dist. - Alwar (Rajasthan)

ENVIRONMENT STATEMENT
FORM –V
(See Rule 14)
Environment Statement for the financial year ending the 31st March 2018

PART –A

(i) Name and address of the owner/ Occupier of the industry operation or process. : Mr. Praveen Paranjape
Honda Cars India Ltd
SPL-1, Tapukara Industrial Area
Khushkhera, Dist. –Alwar (Raj.)

(ii) Industry category : Red (Large)

(iii) Production Capacity :

S. No.	Plant	Product	Quantity (Car Sets / Annum)
1	Press and Phase-I and PT Step-II	Clutch Case	136,000
		Engine Block	163,000
		Engine Head	163,000
		Mission Case	136,000
		Power Train Facilities (Crank Shaft & Con Rod facility)	272,000
		Press Shop (Body Parts Sheet Metal Components)	170,000
2	Diesel	Clutch Case	136,000
		Engine Assembly	239,360
		Engine Block	163,200
		Engine Head	163,200
		Mission Assembly	272,000
		Mission Case	136,000
3	Car Assembly line (2L project)	Assembled Passenger Car	180,000
		Con Rod Grinding	272,000
		Crank Shaft Forging	1,130,160
		Crank Shaft Grinding	272,000
		Front Bumper	180,000
		Rear Bumper	180,000
4	Spin Die Casting	Cylinder sleeve	5,50,256
5	Press Expansion	Press shop (Body Parts sheet metal components)	220,000
6	Car Assembly Line & powertrain-expansion (FE III)	Con Rod (Finished)	2,72,000
		Crank Shaft (Finished)	2,72,000
7	MT Mission Expansion in Casting, Machining & Assembly Project	Clutch Case	2,72,000
		Mission Case	2,72,000

(i) Year of establishment:

S. No.	Shop details	Date of Commissioning
1	Press Shop	Sept – 2008
2	Powertrain Facilities	May - 2009
3	PT Step -2 – Die casting	Aug - 2011
4	Machining & Assembly	Aug - 2011
5	Diesel Project	Mar – 2013
6	Car Assembly Line	Feb - 2014
7	SPC Project	Sept – 2014
8	Press Shop Expansion Project	Jan – 2014
9	Car Assembly Line (2L Project)	Dec - 2016
10	Mission Expansion Project	Sept – 2017

(ii) Date of the last environmental statement submitted: **25-Sep-2019**

PART - B

Water and Raw Material Consumption

(i) **Water consumption m^3/day**

Process	KLD	413
Cooling	KLD	347
Domestic	KLD	272
Total	**KLD**	**1032**

Name of product	Process water consumption per unit of product output	
	During the previous financial year (2018-19)	During the current financial year (2019-20)
Passenger Car	1608.96 liter/Car	2569.11 liter/Car

(ii) **Raw Material Consumption**

Name of raw materials	Name of products	UOM	Consumption of raw material per unit of output	
			During the previous financial year (2018 - 19)	During the current financial year (2019-20)
Sheet Metal Blanks	Passenger Car	Kg/Car Set	239.38	179.13
Iron Forging			18.25	20.21
Aluminum Ingot			115.15	33.09
Cylinder sleeve			3.2	5.26

Note: The consumption of raw material as per car is calculated based on total production of car sets in 272 working days as per our CTO.

PART – C

Pollution discharged to environment / Unit of output
(Parameters as specified in the consent issued)

For WATER

(a) ETP Outlet Water

Month	pH	TSS	COD	BOD	Oil & Grease	Copper	Total Cr	Iron	Ni	Dissolved Phosphate	Cr^{+6}	Zinc
		mg/l	*mg/l*	*mg/l*	*mg/l*	*mg/l*	*mg/l*	*mg/l*	*mg/l*	*mg/l*	*mg/l*	*mg/l*
RPCB Standard	5.5 - 9.0	100	250	30	10	3	2	3	3	5	0.1	5
Apr-19	7.2	47	104	15	6.00	BDL	BDL	0.84	BDL	2.90	BDL	0.51
May-19	7.8	52.6	88	12.4	4.80	0.32	BDL	1.19	0.17	2.90	BDL	0.56
Jun-19	7.2	17	20	3	5.30	BDL	BDL	0.61	BDL	1.25	BDL	0.26
Jul-19	7.24	24	32	5.10	4.30	0.18	BDL	1.08	0.10	2.30	BDL	0.46
Aug-19	7.10	4.50	132.00	21	4.70	0.14	BDL	0.92	0.11	1.90	BDL	0.31
Sep-19	7.21	18.40	66.60	12.90	4.80	0.16	BDL	0.53	0.10	1.30	BDL	0.10
Oct-19	7.73	9.70	52.00	8.60	4.60	0.11	BDL	0.41	0.16	1.10	BDL	0.13
Nov-19	7.23	11.70	60.00	9.10	5.10	0.13	BDL	0.40	0.18	1.20	BDL	0.11
Dec-19	7.92	13.80	64.00	10.30	5.20	0.13	BDL	0.52	0.15	1.00	BDL	0.18
Jan-20	7.96	34.70	44.00	10.30	5.30	0.11	BDL	0.27	0.16	1.18	BDL	0.13
Feb-20	7.98	7.50	64.00	13.70	5.10	0.14	BDL	0.31	0.21	1.40	BDL	0.16
Mar-20	7.71	6.80	60.00	14.80	5.40	0.10	BDL	0.60	0.15	1.50	BDL	0.25

(b) WWTP & STP Outlet Water

Month	pH	TSS	COD	BOD	O&G	Cu	Total Cr	Fe	Ni	Dissolved Phosphate	Zn	Cr^{+6}	Total Residual Cr	N	NO_3
		mg/l	*mg/l*	*mg/l*	*mg/l*	*mg/l*	*mg/l*	*mg/l*	*mg/l*	*mg/l*	*mg/l*	*mg/l*	*mg/l*	*mg/l*	*mg/l*
RPCB Std.	5.5-9.0	100	250	30	10	3	2	3	3	5	0.1	5	1	50	50
Apr-19	8.1	9	8	2	3.7	N.T	N.T	N.T	N.T	3.10	N.T	N.T	N.T	11.2	3.7

May-19	7.5	27	56	13.7	4.6	N.T	N.T	N.T	N.T	2.50	N.T	N.T	N.T	12.4	3.1
Jun-19	8.1	14	36.0	8.5	4.3	N.T	N.T	N.T	N.T	1.10	N.T	N.T	N.T	44.6	4.17
Jul-19	7.3	13	60.0	16.8	4.4	N.T	N.T	N.T	N.T	2.4	N.T	N.T	N.T	11.3	4.56
Aug-19	6.5	13	4.0	N.T	4.0	N.T	N.T	N.T	N.T	1.80	N.T	N.T	N.T	5.7	1.9
Sep-19	6.26	5.8	16.7	3.80	4.0	N.T	N.T	N.T	N.T	1.20	N.T	N.T	N.T	11.8	3.97
Oct-19	7.12	8.7	40.0	9.10	4.1	N.T	N.T	N.T	N.T	0.90	N.T	N.T	N.T	13.4	4.16
Nov-19	7.01	6.3	4	N.T	4.3	N.T	N.T	N.T	N.T	0.80	N.T	N.T	N.T	11.3	3.07
Dec-19	7.36	9.7	8	1.7	4.2	N.T	N.T	N.T	N.T	0.80	N.T	N.T	N.T	10.4	2.63
Jan-20	7.68	7.3	76	15.20	4.3	N.T	N.T	N.T	N.T	1.80	N.T	N.T	N.T	15.3	3.6
Feb-20	8.04	8.1	32	5.7	4.9	N.T	N.T	N.T	N.T	1.20	N.T	N.T	N.T	12.5	3.3
Mar-20	7.31	9.2	36.4	9.10	4.2	N.T	N.T	N.T	N.T	1.40	N.T	N.T	N.T	10.6	2.8

N.T. – Not Traceable

For AIR Quality

a) Ambient Air Monitoring (Monthly Average)

*N.T - Not Traceable

Stations/ Area	Month	PM_{10}	$PM_{2.5}$	SO_2	NO_2	CO	O_3	Pb	NH_3	C_6H_6	Benzo Pyrene	As	Ni
		(µg/m3)											
Standard		100	60	80	80	4	180	1	400	5	1	6	20
Near QE Area	Apr-19	82	42	8	15	0	11	0	8	N.T	N.T	N.T	1
	May-19	87	49	8	14	0	10	0	8	N.T	N.T	N.T	1
	June-19	82.7	50.8	8.6	16.2	0.4	10.7	0.3	7.3	N.T	N.T	N.T	0.6
	July-19	91.3	41.7	8.1	12.9	0.4	8.8	0.4	7.1	N.T	N.T	N.T	0.5
	Aug-19	78.1	30.1	7.0	12.3	0.3	7.3	0.3	6.2	N.T	N.T	N.T	0.4
	Sep-19	86.0	32.1	7.2	12.4	0.3	7.6	0.3	6.6	N.T	N.T	N.T	0.4
Near QE Area	Oct-19	93.2	46.6	7.6	12.9	0.3	16.3	0.3	7.1	N.T	N.T	N.T	0.5
	Nov-19	91.0	51.4	13.4	19.8	0.4	11.0	0.4	8.5	N.T	N.T	N.T	0.5
	Dec-19	91.2	51.0	13.4	18.2	0.4	10.4	0.4	7.6	N.T	N.T	N.T	0.5
	Jan-20	92.0	51.0	12.9	16.7	0.3	9.6	0.4	7.1	N.T	N.T	N.T	0.5
	Feb-20	87.4	51.3	9.9	18.3	0.3	10.3	0.3	6.8	N.T	N.T	N.T	0.5
	Mar-20	87.8	48.6	8.2	13.7	0.2	14.3	0.3	8.9	N.T	N.T	N.T	0.4
	Avg.	86.6	45.0	9.3	15.2	0.3	10.7	0.3	7.4	N.T	N.T	N.T	0.6

Stations/ Area	Month	PM_{10}	$PM_{2.5}$	SO_2	NO_2	CO	O_3	Pb	NH_3	C_6H_6	Benzo Pyrene	As	Ni
	(ug/m3)												
Standard		100	60	80	80	4	180	1	400	5	1	6	20
Near ETB	Apr-19	80	41	8	14	0	9	0	8	N.T	N.T	N.T	0
	May-19	85	46	9	15	0	8	0	7	N.T	N.T	N.T	0
	Jun-19	82	46	9	14	0	12	0	7	N.T	N.T	N.T	1
	Jul-19	92	41	8	13	0	8	0	7	N.T	N.T	N.T	0
	Aug-19	79	28	7	12	0	8	0	6	N.T	N.T	N.T	0
	Sep-19	79	30	8	13	0	8	0	7	N.T	N.T	N.T	0
	Oct-19	93	44	8	14	0	8	0	7	N.T	N.T	N.T	0
	Nov-19	91	50	12	18	0	11	0	8	N.T	N.T	N.T	0
	Dec-19	86	49	13	18	0	11	0	8	N.T	N.T	N.T	1
	Jan-20	92	51	27	18	0	10	0	7	N.T	N.T	N.T	1
	Feb-20	92	53	11	20	0	10	0	6	N.T	N.T	N.T	1
	Mar-20	85	48	8	13	0	15	0	7	N.T	N.T	N.T	1
	Avg.	86.3	43.9	10.7	15.2	0.0	9.8	0.0	7.1	N.T	N.T	N.T	0.1

Stations/ Area	Month	PM_{10}	$PM_{2.5}$	SO_2	NO_2	CO	O_3	Pb	NH_3	C_6H_6	Benzo Pyrene	As	Ni
	(ug/m3)												
Standard		100	60	80	80	4	180	1	400	5	1	6	20
Near Admin Building	Apr-19	80.2	40.0	8.4	12.8	0.5	10.1	0.3	8.2	N.T	N.T	N.T	0.5
	May-19	83.1	49.1	8.0	13.5	0.5	8.7	0.3	7.7	N.T	N.T	N.T	0.5
	Jun-19	81.4	48.2	7.6	13.7	0.4	11.3	0.4	7.9	N.T	N.T	N.T	0.5
	Jul-19	81.4	48.2	7.6	13.7	0.4	11.3	0.4	7.9	N.T	N.T	N.T	0.5
	Aug-19	75.4	27.3	7.3	11.7	0.3	7.5	0.3	6.4	N.T	N.T	N.T	0.4
	Sep-19	77.4	30.8	7.8	13.2	0.3	7.9	0.3	6.9	N.T	N.T	N.T	0.4
	Oct-19	91.8	41.8	8.0	13.5	0.3	8.3	0.3	6.9	N.T	N.T	N.T	0.4
	Nov-19	91.5	51.6	12.4	17.4	0.4	10.6	0.3	7.9	N.T	N.T	N.T	0.5
	Dec-19	90.5	46.8	12.6	17.2	0.4	10.5	0.3	7.3	N.T	N.T	N.T	0.4
	Jan-20	89.4	50.5	24.7	16.5	0.4	9.9	0.4	7.0	N.T	N.T	N.T	0.5
	Feb-20	90.8	52.4	9.4	19.4	0.3	9.9	0.3	6.3	N.T	N.T	N.T	0.5
	Mar-20	88.7	48.8	8.1	14.0	0.2	14.0	0.2	6.1	N.T	N.T	N.T	0.4
	Avg.	85.1	44.6	10.2	14.7	0.4	10.0	0.3	7.2	N.T	N.T	N.T	0.5

Note: All the values mentioned above are the average values of each month.

Stations/ Area	Month	PM_{10}	$PM_{2.5}$	SO_2	NO_2	CO	O_3	Pb	NH_3	C_6H_6	Benzo Pyrene	As	Ni
		(ug/m3)											
Standard		100	60	80	80	4	180	1	400	5	1	6	20
Near Forging Building	Apr-19	83.4	42.8	8.9	14.7	0.6	11.0	0.4	8.7	N.T	N.T	N.T	0.6
	May-19	87.8	49.2	9.6	16.4	0.5	10.3	0.4	8.5	N.T	N.T	N.T	0.6
	Jun-19	82.8	47.1	9.4	16.2	0.5	12.7	0.5	8.3	N.T	N.T	N.T	
	Jul-19	92.3	49.7	9.7	14.6	0.5	10.2	0.5	8.3	N.T	N.T	N.T	0.6
	Aug-19	85.7	33.1	8.3	14.5	0.5	9.2	0.4	7.8	N.T	N.T	N.T	0.5
	Sep-19	90.2	36.3	8.6	14.7	0.4	9.3	0.4	8.1	N.T	N.T	N.T	0.5
	Oct-19	93.9	53.0	9.0	16.0	0.4	9.0	0.4	8.1	N.T	N.T	N.T	0.5
	Nov-19	92.6	52.2	14.2	20.0	0.5	11.7	0.4	8.8	N.T	N.T	N.T	0.5
	Dec-19	87.0	49.0	14.3	20.5	0.5	11.7	0.4	8.5	N.T	N.T	N.T	0.5
	Jan-20	90.9	50.3	14.2	21.1	0.4	11.0	0.4	8.3	N.T	N.T	N.T	0.6
	Feb-20	91.0	51.2	11.1	21.4	0.4	10.9	0.4	7.7	N.T	N.T	N.T	0.5
	Mar-20	88.4	49.0	7.9	14.1	0.2	13.1	0.3	6.5	N.T	N.T	N.T	0.3
	Avg.	88.8	46.9	10.4	17.0	0.5	10.8	0.4	8.1	N.T	N.T	N.T	0.5

For Process Stack Monitoring

(a) Stack attached to Painting Process

Month	Stack number	SO2	NOx	CO	SPM	VOC
		µg/nm3	µg/nm3	% by Vol	µg/nm3	µg/nm3
RPCB Standards		—	—	—		
Apr-19	E-Coat Oven	N.T	8	0.0024	9.4	2.6
	Sealer Oven	N.T	7.6	0.0028	8.6	2.2
	Top Coat Oven	N.T	14.2	0.0041	7.8	2.8
	Primer Oven	Not in Use				
	Touch up Oven	N.T	12.8	0.0053	8.5	2.5
	RTO Exhaust	N.T	38.1	0.276	20.9	3.6
	POPA Oven Exhaust	N.T	13.4	0.0035	7	N.T
	Propane/CNG Fired Hot Water Generator	19.3	281.4	0.522	26.9	2.8

May-19	E-Coat Oven	N.T	8.9	0.0018	11.3	2
	Sealer Oven	N.T	8.1	0.0021	7.6	1.9
	Top Coat Oven	N.T	12.8	0.0034	9	2.5
	Primer Oven	Not in Use				
	Touch up Oven	N.T	14.5	0.0042	8.9	2.2
	RTO Exhaust	N.T	39.8	0.0219	21.4	3.1
	POPA Oven Exhaust	N.T	10.3	0.0026	7.8	N.T
	Propane/CNG Fired Hot Water Generator	17.8	267.6	0.356	28.4	3.2
Jun-19	E-Coat Oven	N.T	7.8	0.0022	10.8	1.8
	Sealer Oven	N.T	7	0.0026	8.2	2.2
	Top Coat Oven	N.T	14.6	0.0037	9.70	2
	Primer Oven	Not In Use				
	Touch up Oven	N.T	12.3	0.004	7.2	2.50
	RTO Exhaust	N.T	43.7	0.0228	23.6	3.3
	POPA Oven Exhaust	N.T	8.5	0.002	8.9	N.T
	Propane/CNG Fired Hot Water Generator	15.6	272.3	0.329	35.4	2.9
Jul-19	E-Coat Oven	N.T	9.3	0.0019	13.4	2.1
	Sealer Oven	N.T	8.1	0.0023	9	1.5
	Top Coat Oven	N.T	13.2	0.0032	10.2	2.3
	Primer Oven	Not in Use				
	Touch up Oven	N.T	10.7	0.0043	8.8	2
	RTO Exhaust	N.T	40.5	0.0197	20.7	2.8
	POPA Oven Exhaust	N.T	9.8	0.0018	8.1	N.T
	Propane/CNG Fired Hot Water Generator	18.2	266.5	0.288	42.8	1.9
Aug-19	E-Coat Oven	N.T	8.5	0.0025	11.9	1.5
	Sealer Oven	N.T	7.9	0.0017	10.4	1.8
	Top Coat Oven	N.T	15.2	0.004	12.3	2.1
	Primer Oven	Not in Use				
	Touch up Oven	N.T	11.7	0.0037	9.6	2.4
	RTO Exhaust	N.T	47.1	0.0182	18.7	3
	POPA Oven Exhaust	N.T	10.2	0.0021	7.8	N.T

	Propane/CNG Fired Hot Water Generator	16.4	258.3	0.296	39.3	2.3
Sep-19	E-Coat Oven	N.T	7.8	0.0019	8.8	1
	Sealer Oven	N.T	7	0.0014	7.6	1.3
	Top Coat Oven	N.T	12.4	0.0034	9.5	2
	Primer Oven	Not in Use				
	Touch up Oven	N.T	9	0.003	8	1.8
	RTO Exhaust	N.T	39.2	0.016	14.6	2.7
	POPA Oven Exhaust	N.T	8.5	0.0017	6.2	N.T
	Propane/CNG Fired Hot Water Generator	14.9	247.1	0.272	35.8	1.4
Oct-19	E-Coat Oven	N.T	11.3	0.0021	9.8	1.2
	Sealer Oven	N.T	9.6	0.0018	8.2	1.6
	Top Coat Oven	N.T	13.2	0.0037	11.5	2.4
	Primer Oven	Not in Use				
	Touch up Oven	N.T	8.9	0.0033	7.4	2.2
	RTO Exhaust	N.T	35.8	0.0176	16.1	3
	POPA Oven Exhaust	N.T	7.8	0.0019	5.7	N.T
	Propane/CNG Fired Hot Water Generator	15.8	251.7	0.283	36	1.2
Nov-19	E-Coat Oven	N.T	13.2	0.0017	7.6	1.4
	Sealer Oven	N.T	8	0.0015	6.9	1.1
	Top Coat Oven	N.T	11.8	0.0033	10.2	1.8
	Primer Oven	Not in Use				
	Touch up Oven	N.T	8.5	0.0028	7	1.5
	RTO Exhaust	N.T	37.4	0.0171	18.2	2.3
	POPA Oven Exhaust	N.T	8.2	0.0013	5.2	N.T
	Propane/CNG Fired Hot Water Generator	13.6	238.8	0.268	33.2	1
Dec-19	E-Coat Oven	N.T	12.9	0.002	8.7	1
	Sealer Oven	N.T	8.5	0.0017	7.1	1.4
	Top Coat Oven	N.T	10.2	0.003	9.8	1.1
	Primer Oven	Not in Use				
	Touch up Oven	N.T	9.6	0.0027	6.8	1.8

	RTO Exhaust	N.T	32.5	0.0168	20.8	2.5
	POPA Oven Exhaust	N.T	7.8	0.0016	5.5	N.T
	Propane/CNG Fired Hot Water Generator	10.3	243.6	0.259	35.4	1.4
Jan-20	E-Coat Oven	N.T	10.6	0.0016	6.2	1.2
	Sealer Oven	N.T	7.9	0.0019	5.8	1
	Top Coat Oven	N.T	8.3	0.0035	7.4	1.5
	Primer Oven	Not in Use				
	Touch up Oven	N.T	9	0.0029	5	1.3
	RTO Exhaust	N.T	30.8	0.0152	14.2	2
	POPA Oven Exhaust	N.T	8	0.0014	4.9	N.T
	Propane/CNG Fired Hot Water Generator	12	235.9	0.252	30.8	1.1
Feb-20	E-Coat Oven	N.T	10	0.0018	5.6	1.1
	Sealer Oven	N.T	8.2	0.0015	5.1	1.3
	Top Coat Oven	N.T	9.4	0.0032	6.9	1
	Primer Oven	Not in use				
	Touch up Oven	N.T	8.7	0.0026	4.2	1.5
	RTO Exhaust	N.T	35.2	0.016	15	2.2
	POPA Oven Exhaust	N.T	7.1	0.0012	4	N.T
	Propane/CNG Fired Hot Water Generator	9.2	227.4	0.218	29.6	1.6
Mar'20	E-Coat Oven	Not done due shutdown of plant (Covid-19 pandemic)				
	Sealer Oven					
	Top Coat Oven					
	Primer Oven					
	Touch up Oven					
	RTO Exhaust					
	POPA Oven Exhaust					
	Propane/CNG Fired Hot Water Generator					

(a) Stack attached to DG sets

Source of sample : DG Set (3085 KVA) 1 nos Stack no. 1 DG Sets (1500 KVA) 2 nos Stack no. 2 & 3 DG Set (2000 KVA) 2 nos Stack no. 4 & 5 DG Sets (1500 KVA) 1 nos Stack no. 6				Frequency : Once in a Month		
Month	**Stack number**	**Sulphur Content**	**NOx**	**NMHC**	**CO**	**Particulate Matter**
		%	**ppmv**	**mg/nm^3**	**mg/nm^3**	**mg/nm^3**
RPCB Standards ⟶		**<2**	**710**	**100**	**150**	**75**
Apr-19	Stack no.1	0.0036	134.6	29.6	111.3	39.4
	Stack no.2	0.0021	81.3	21.9	79.4	28.9
	Stack no.3	0.0018	86.7	19.2	76.2	28.2
	Stack no.4	0.0023	114.5	23.4	83.3	30.0
	Stack no.5	0.0020	91.2	21	81.6	29.4
	Stack no.6	0.0017	108.7	26.6	89.1	32.8
May-19	Stack no.1	0.0029	139.8	27.3	97.4	41.7
	Stack no.2	0.0018	88.0	22.8	83.5	34.2
	Stack no.3	0.0022	83.6	17.9	78.2	30.8
	Stack no.4	0.0020	122.3	21.4	87.9	33.6
	Stack no.5	0.0016	101.7	19.7	85.3	36.1
	Stack no.6	0.0021	114.1	24.2	92.6	37.5
Jun-19	Stack no.1	0.0024	133.6	24.8	107.5	47.4
	Stack no.2	0.0021	91.5	19.5	74.3	40.6
	Stack no.3	0.0019	86.9	18.3	81.7	37.2
	Stack no.4	0.0016	119.4	20.8	91.3	39.6
	Stack no.5	0.0014	98.7	16.2	88.2	43.6
	Stack no.6	0.0020	102.3	21.9	83.6	41.9
Jul-19	Stack no.1	0.0027	141.2	26.2	114.2	44.7
	Stack no.2	0.0024	96.8	18.6	78.9	38.2
	Stack no.3	0.0024	96.8	20.4	78.9	34.9
	Stack no.4	0.0018	115.1	22.1	93.5	37.4
	Stack no.5	0.0017	108.5	19.6	85.1	40.3
	Stack no.6	0.0022	99.8	17.4	89.3	43.5
Aug-19	Stack no.1	0.0023	137.1	23.9	103.8	49.2
	Stack no.2	0.0021	89.4	18.0	83.2	42.6
	Stack no.3	0.0017	94.0	18.0	81.9	39.8
	Stack no.4	0.0019	98.7	21.6	88.4	35.2
	Stack no.5	0.0015	102.6	15.8	90.2	44.7
	Stack no.6	0.0020	96.2	20.3	93.8	46.3
	Stack no.1	0.0032	146.5	25.2	98.2	46.1
	Stack no.2	0.0026	93.8	19.4	79.4	40.8
	Stack no.3	0.0022	88.1	17.8	86.1	36.5

Sep-19	Stack no.4	0.0016	108.3	20.5	81.8	39.1
	Stack no.5	0.0020	91.6	18.2	76.5	41.2
	Stack no.6	0.0027	112.0	19.7	91.4	44.6
Oct-19	Stack no.1	0.0028	140.2	22.3	112.3	48.2
	Stack no.2	0.0020	90.6	16.9	87.5	38.6
	Stack no.3	0.0018	82.4	15.2	90.2	36.4
	Stack no.4	0.0023	94.8	17.7	77.2	41.2
	Stack no.5	0.0025	88.3	14.5	82.6	43.6
	Stack no.6	0.0021	104.2	18.2	89.1	40.5
Nov-19	Stack no.1	0.0035	137.5	21.6	103.1	45.8
	Stack no.2	0.0016	87.2	18.3	76.5	36.2
	Stack no.3	0.0019	86.7	17.2	80.9	34.7
	Stack no.4	0.0024	101.3	19.4	84.3	39.1
	Stack no.5	0.0021	94.6	17.9	87.1	40.9
	Stack no.6	0.0018	109.4	20.1	93.5	43.5
Dec-19	Stack no.1	0.0031	125.2	20.8	107.6	44.1
	Stack no.2	0.0015	89.8	14.5	72.5	35.5
	Stack no.3	0.0017	91.1	16.9	77.9	33.2
	Stack no.4	0.0027	106.4	17.2	80.7	37.9
	Stack no.5	0.0024	98.2	19.4	83.4	42.3
	Stack no.6	0.0020	112.6	15.6	95.2	39.7
Jan-20	Stack no.1	0.0032	129.8	18.5	101.4	42.5
	Stack no.2	0.0012	83.6	73.0	74.8	38.2
	Stack no.3	0.0015	88.2	15.2	79.3	35.0
	Stack no.4	0.0023	108.3	16.0	82.6	39.4
	Stack no.5	0.0026	102.7	14.7	87.8	33.7
	Stack no.6	0.0017	107.2	17.2	91.5	40.1
Feb-20	Stack no.1	0.0029	132.2	19.6	95.1	45.2
	Stack no.2	0.0014	80.3	11.2	78.6	40.6
	Stack no.3	0.0017	86.8	14.0	81.2	37.1
	Stack no.4	0.0019	101.7	16.8	86.0	41.2
	Stack no.5	0.0023	97.5	15.5	80.9	35.9
	Stack no.6	0.0021	110.8	17.0	88.6	38.5
Mar-20	Stack no.1	0.0026	125.4	19.6	92.0	44.1
	Stack no.2	0.0017	89.8	21.4	86.2	33.0
	Stack no.3	0.0020	92.1	16.5	82.1	28.7
	Stack no.4	0.0025	122.1	20.7	75.3	25.2
	Stack no.5	0.0029	116.5	18.1	76.1	28.1
	Stack no.6	0.0021	122.4	23.1	84.1	30.2

(b) Stack attached to Casting Process

Source of sample : GSN fume extractor, HPDC, LPDC & SPC stack				Frequency : Once in a Month	
Month	Stack Detail	SPM	SO_2	NO_X	CO
		Mg/NM^3	Mg/NM^3	Mg/NM^3	Mg/NM^3
RPCB Standards ⟶		150	-	-	-
Apr-19	GSN Batch-1	17	7.2	14.5	0.0043
	GSN Stack Continuous	16.2	6	16.9	0.0045
	LPDC Stack	22.1	N.T	N.T	N.T
	HPDC Stack-I	29.4	N.T	8.4	0.019
	HPDC Stack-II	26.9	N.T	6.7	0.021
	SPC Stack	44.6	N.T	7.9	0.028
May-19	GSN Batch-1	16.8	7	17.4	0.0036
	GSN Stack Continuous	18.3	6.7	21.2	0.0039
	LPDC Stack	31.4	N.T	N.T	N.T
	HPDC Stack-I	38.6	N.T	9.3	0.024
	HPDC Stack-II	34.8	N.T	8.4	0.018
	SPC Stack	48.6	N.T	7.1	0.025
Jun-19	GSN Stack Batch 1	17.6	6.7	14.9	0.0039
	GSN Stack Continuous	15.4	5.8	18.3	0.0043
	LPDC Stack	37.4	N.T	N.T	N.T
	HPDC Stack-I	40.6	N.T	11.3	0.021
	HPDC Stack-II	45.2	N.T	7.2	0.026
	SPC Stack	64.2	N.T	8.4	0.023
Jul-19	GSN Stack Batch 1	19.4	5.1	20.3	0.0041
	GSN Stack Continuous	21.2	6.3	24.7	0.0037
	LPDC Stack	39.6	N.T	N.T	N.T
	HPDC Stack-I	38.2	N.T	1.8	N.T
	HPDC Stack-II	42.3	N.T	5.3	0.02
	SPC Stack	68.1	N.T	6	0.027
Aug-19	GSN Stack Batch 1	18.6	6	17.4	0.0036
	GSN Stack Continuous	19.8	5.2	21.6	0.004
	LPDC Stack	28.2	N.T	9	N.T
	HPDC Stack-I	31.1	N.T	12	N.T
	HPDC Stack-II	25	N.T	3.2	N.T
	SPC Stack	96.3	N.T	7.8	0.035
Sep-19	GSN Stack	13.5	6.8	15.8	0.0039
	GSN Stack Continuous	17.2	5.6	18.4	0.0034
	LPDC Stack	3.2	N.T	3	N.T
	HPDC Stack-I	5.7	N.T	8.2	N.T
	HPDC Stack-II	N.T	N.T	N.T	N.T
	SPC Stack	32.6	N.T	6.5	0.03

Oct-19	GSN Stack Continuous	20.8	6.8	20.3	0.0038
	GSN Stack	16.6	7.2	19.2	0.0042
	LPDC Stack	2.8	N.T	3.5	N.T
	HPDC Stack-I	6.7	N.T	7.6	N.T
	HPDC Stack-II	Not in Use			
	SPC Stack	78.9	N.T	5.8	0.027
Nov-19	GSN Stack	15.2	7	18.4	0.004
	GSN Stack Continuous	18.6	5.9	17.1	0.0033
	LPDC Stack	3.2	N.T	5.2	N.T
	HPDC Stack-I	5.1	N.T	7	N.T
	HPDC Stack-II				
	SPC Stack	5.8	N.T	7.4	0.024
Dec-19	GSN Stack	17.5	6.7	16.9	0.0037
	GSN Stack Continuous	19.3	6.2	15.3	0.0035
	LPDC Stack	4	N.T	5.5	N.T
	HPDC Stack-I	4.6	N.T	6.3	N.T
	HPDC Stack-II	Not in Use			
Jan-20	SPC Stack	5	N.T	6.7	0.021
	GSN Stack	14.9	6.4	15	0.0042
	GSN Stack Continuous	16.4	5.8	13.2	0.0031
	LPDC Stack	3.6	N.T	5.1	N.T
	HPDC Stack-I	5.4	N.T	5.8	N.T
	HPDC Stack-II	Not in Use			
Feb-20	SPC Stack	4.4	N.T	6.2	0.015
	GSN Stack	16.8	7.3	17	0.0039
	GSN Stack Continuous	18.2	6	14.2	0.0035
	LPDC Stack	4.2	N.T	5	N.T
	HPDC Stack-I	7	N.T	6.7	N.T
	HPDC Stack-II	Not in Use			
Mar-20	SPC Stack	4.1	N.T	5.5	0.019
	GSN Stack	15.4	6.5	15.2	0.0032
	GSN Stack Continuous	17.2	6.1	14.5	0.0037
	LPDC Stack	5.1	N.T	4.6	N.T
	HPDC Stack-I	6.8	N.T	6.2	N.T

** N.T. - Not Traceable **N.T – Below Detectable Limit

(c) Noise Monitoring

Source of sample : East: East of Press Shop, North: North side of WTP, South: South of PT Shop, West: West of PT Shop			
Month	**Location**	**Noise Level**	
		Day Time (dB)	**Night Time (dB)**
Standards →		**75**	**70**
Apr-19	East: East of Test Track	54.2	46
	North: North side of ETB	64.5	56.3
	South: South of Admin Building	58.3	53
	West: West of Forging Shop	65	66.8
Jul-19	East: East of Test Track	56.2	49.5
	North: North side of ETB	66.2	54.6
	South: South of Admin Building	56.8	55.1
	West: West of Forging Shop	63	66.2
Oct-19	East: East of Test Track	56.2	52.5
	North: North side of ETB	63.7	55
	South: South of Admin Building	56.6	51
	West: West of Forging Shop	66.1	67.2
Jan-20	East: East of Test Track	64.7	50
	North: North side of ETB	62.4	61.8
	South: South of Admin Building	63.4	53.2
	West: West of Forging Shop	60.5	58.6

PART -D

HAZARDOUS WASTE

as specified under Hazardous and Other Waste (Management & Transboundary Movement) Rules, 2016

Hazardous Waste	**Total Quantity (Kg.)**	
	During the previous financial year (2018-19)	**During the current financial year (2019-20)**
(a) From process		
Category 5.1- Used Oil/Spent Oil	100,000 Liters	134,000 Liters
Category 5.2- waste & Residue Containing Oil	290,000 Kg	187,000 Kg
Category 12.5 – Phosphate Sludge	65,000 Kg	29,000 Kg
Category 21.2 – Spent Solvent	54,000 Liters	52,000 Liters
Category 21.1 – Process Waste residues	127,000 Kg	116,000 Kg
Category 33.1 - Empty Barrels	53598 Nos	36012 Nos
Category 11.4 – Flue gas dust & other particulars	21000 Kg	25000 Kg
(b) From pollution control facilities		
Category 35.3 – ETP,WWTP Sludge	3,73,000 Kg	382,000 Kg

PART - E

SOLID WASTE

		Total Quantity	
		During the previous financial year (2018-19)	During the current financial year (2019-20)
(a)	From process	25592	14081
(b)	From pollution control facility	Nil	Nil
(c)	(1) Qnty recycled or re-utilized within the unit	Nil	Nil
	(2) Sold to recycler (tons)	25250	13869
	(3) Disposed (Mix Malwa & Garbage in tons)	341	212

PART - F

Please specify the characterizations (in terms of composition and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.

Category 5.1 – Used Oil	Stored in Steel drums and sent for recycling to the authorized recycler.
Category 5.2 – Waste & Residue containing oil	Oil soaked cotton waste is stored in HDPE bags and sent for the registered recycler for co processing in the kiln.. Grinding Sludge stored in HDPE bags and sent for Co-Processing.
Category 12.5 – Phosphate Sludge	Phosphate Sludge is stored in container and sent for land filling to CTDF Udaipur.
Category 21.2 – Spent Solvent	Spent Solvent collected in mild steel drums and sent for recycling to the authorized recycler.
Category 21.1 – Paint Sludge	Paint sludge is sent to the registered recycler for co processing in the kiln.
Category 33.1 – Empty Barrels	All the oil and paint contaminated empty barrels are sent to Registered Recycler for recycling.
Category 35.3 – ETP Sludge	Stored in HDPE Bags and sent for land filling to CTDF Udaipur.

PART-G

Impact of the pollution abatement measures taken on conservation of natural resources and on the cost of Production:

1. Establishment of Zero Liquid discharge plant including Multistage RO plant for 100% re utilization of WWTP & ETP treated water in process – investment INR 153 Million.
2. Utilization of CETP Water for internal horticulture use - Investment (INR 5 Million).
3. Installation of 3.7 MW solar power plant inside plant premises to increase the renewal energy resource consumption.
4. PM Emission through installation of Dust Collector and Bag filters on Casting Stack. (Investment 50 Million).
5. Rain Water Harvesting facility having recharge Capacity of 1.234 MCM.

PART - H

Additional measures / investment proposal for environment protection including abatement of pollution prevention of pollution:

1. Electricity Consumption reduction by different activities like - CFL to LED conversion, Reduction in Compressed Air Wastage, Logic optimization for optimum output of Pumps
   - Investment INR 1.32 Million.
2. CO2 Emission reduction of 3465 Tons/ Yr. by changing the Dispatch mode from truck through train mode.

PART - I

Any other particular for improving the quality of the environment:

- 3500 Nos. of Tree plantation is planned in this financial year to improve air quality.

Annexure 17

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ENVIRO LAB

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Recognized from Ministry of Environment, Forest & Climate Change (MoEFCC) Govt. of India

Under the Environment Protection Act 1986

Controlled Format	No. 7.8F-03
TEST REPORT	Issue Date: 01/11/2020

(Ambient Air Analysis)

Issued To.	:	**M/s Honda Cars India Ltd.** **SPL-I, RIICO Industrial Area, Tapukara,** **Tehsil: Tijara, Distt-Alwar (Raj.) 301707**
Sample Description	:	Ambient Air
Sampling Location	:	ETB Area
Sampling Duration	:	24 hrs.
Instrument Used	:	RDS & Fine Particulate Sampler
Sampling Done By	:	Lab Representative
Latitude	:	N 28°07'1931"
Longitude	:	E 76°48'417"
Test Protocol	:	As Per Indian Standard 5182
Standard Reference Code	:	As Per CPCB Guidelines (NAAQS-2009)
Sampling Plan & Procedure	:	Plan & Procedure No. 7.3P-01

Results

Test Report No.		:	**EL/BWD/04 1020-2833**	**EL/BWD/06 1020-2837**	**EL/BWD/08 1020-784**	**EL/BWD/10 1020-2841**	**STANDARD LIMIT**	**TEST METHOD**
Environmental Conditions		:	**Temp: -35°C RH: - 25%**	**Temp: - 35°C RH: -24%**	**Temp: -34°C RH: - 26%**	**Temp: -33°C RH: - 22%**		
S. NO.	**PARAMETER**	**UNIT**	**RESULT (03/10/20 – 04/10/20)**	**RESULT (05/10/20 – 06/10/20)**	**RESULT (07/10/20 – 08/10/20)**	**RESULT (09/10/20 – 10/10/20)**		
1.	Particulate Matter (PM_{10})	$\mu g/m^3$	91.2	93.4	92	89	100	IS:5182 Part-23
2.	Particulate Matter ($PM_{2.5}$)	$\mu g/m^3$	49.2	48.1	52.4	50	60	CPCB Guideline (Gravimetric Method)
3.	Sulphur Dioxide as SO_2	$\mu g/m^3$	30.9	34.1	24.0	31.2	80	IS:5182 Part-2
4.	Nitrogen Dioxide as NO_2	$\mu g/m^3$	34.6	37.3	30.9	34.7	80	IS:5182 Part-6
5.	Ozone (O_3)	$\mu g/m^3$	12.1	13.9	18.1	16.1	180	IS:5182 Part-9
6.	Ammonia as NH_3	$\mu g/m^3$	9.9	10.8	12.5	11.8	400	CPCB Guideline (Indophenol Method)
7.	Lead (Pb)	$\mu g/m^3$	0.29	0.26	0.13	0.27	1.0	IS:5182 Part-22(AAS Method)
8.	Arsenic (As)	ng/m^3	BDL	BDL	BDL	BDL	06	CPCB Guideline (AAS Method)
9.	Nickel (Ni)	ng/m^3	1.30	1.39	1.30	1.78	20	CPCB Guideline (AAS Method)
10.	Benzene	$\mu g/m^3$	BDL	BDL	BDL	BDL	5	IS:5182 Part-11
11.	BaP	ng/m^3	BDL	BDL	BDL	BDL	1	IS:5182 Part-12
12.	Carbon Mono Oxide (CO)	mg/m^3	0.59	0.69	0.69	0.81	4	IS:5182 Part-10

S - 2 & 3, Phase - II, (Near Dee Pharma) Indl. Area, Bhiwadi - 301019, Distt. Alwar (Raj.)

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Under the Environment Protection Act 1986

Results									
Test Report No.		:	EL/BWD /131020-2845	EL/BWD/ 151020-2858	EL/BWD/ 171020-2865	EL/BWD/ 201020-2870	EL/BWD/ 241020-2883	STANDARD LIMIT	TEST METHOD
Environmental Conditions		:	Temp: - 34°C RH: - 525%	Temp: - 34°C RH: -23%	Temp: - 33°C RH: - 26%	Temp: - 32°C RH: - 21%	Temp: - 31°C RH: -22%		
S. NO.	PARAMETER	UNIT	RESULT (12/10/20-13/10/20)	RESULT (14/10/20-15/09/20)	RESULT (16/10/20 -17/10/20)	RESULT (19/10/20-20/10/20)	RESULT (23/10/20 – 24/10/20)		
1.	Particulate Matter (PM_{10})	$\mu g/m^3$	91.8	93	89	90	88.2	100	IS:5182 Part-23
2.	Particulate Matter ($PM_{2.5}$)	$\mu g/m^3$	51.2	50.1	52.3	48.1	47.2	60	CPCB Guideline (Gravimetric Method)
3.	Sulphur Dioxide as SO_2	$\mu g/m^3$	30.4	29.1	21.9	27.4	31.8	80	IS:5182 Part-2
4.	Nitrogen Dioxide as NO_2	$\mu g/m^3$	33.9	32.6	29.0	34.0	35.2	80	IS:5182 Part-6
5.	Ozone (O_3)	$\mu g/m^3$	13.8	14.9	18.3	19.3	16.7	180	IS:5182 Part-9
6.	Ammonia as NH_3	$\mu g/m^3$	12.3	14.0	11.9	14.0	13.9	400	CPCB Guideline (Indophenol Method)
7.	Lead (Pb)	$\mu g/m^3$	0.32	0.24	0.26	0.29	0.32	1.0	IS:5182 Part-22(AAS Method)
8.	Arsenic (As)	ng/m^3	BDL	BDL	BDL	BDL	BDL	06	CPCB Guideline (AAS Method)
9.	Nickel (Ni)	ng/m^3	2.88	1.94	1.33	1.85	1.51	20	CPCB Guideline (AAS Method)
10.	Benzene	$\mu g/m^3$	BDL	BDL	BDL	BDL	BDL	5	IS:5182 Part-11
11.	BaP	ng/m^3	BDL	BDL	BDL	BDL	BDL	1	IS:5182 Part-12
12.	Carbon Mono Oxide (CO)	mg/m^3	0.90	0.61	0.77	0.68	0.77	4	IS:5182 Part-10

Note	:	BDL= Below Detection Limit

Notes: 1. The result listed above refer only to the tested samples and applicable parameters.

2. Remnants sample will be destroyed after 20 days from the date of receipt of sample.
3. Complaints, if any, about this report should be communicated within seven (07) days of the issue of this report.
4. The report is not to be reproduced-wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without our special permission in writing.
5. Any Backup either related to re-issue of changing of report should be given within 30 days of issue of this report.

Analyzed By

Authorized By

ENVIRO LAB BHIWADI

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Controlled Format	No. 7.8F-03
TEST REPORT	Issue Date: 01/11/2020

(Ambient Air Analysis)

Issued To.	:	M/s Honda Cars India Ltd. SPL-1, RIICO Industrial Area, Tapukara, Tehsil: Tijara, Distt-Alwar (Raj.) 301707
Sample Description	:	Ambient Air
Sampling Location	:	QE Area
Sampling Duration	:	24 hrs.
Instrument Used	:	RDS & Fine Particulate Sampler
Sampling Done By	:	Lab Representative
Latitude	:	N 28°06'902"
Longitude	:	E 76°48'804"
Test Protocol	:	As Per Indian Standard 5182
Standard Reference Code	:	As Per CPCB Guidelines (NAAQS-2009)
Sampling Plan & Procedure	:	Plan & Procedure No. 7.3P-01

Results

Test Report No.		:	EL/BWD/04 1020-2834	EL/BWD/0 61020-2838	EL/BWD/08 1020-785	EL/BWD/10 1020-2842	STANDARD LIMIT	TEST METHOD
Environmental Conditions		:	Temp: -35°C RH: - 25%	Temp: - 35°C RH: -24%	Temp: -34°C RH: - 26%	Temp: -33°C RH: - 22%		
S. NO.	PARAMETER	UNIT	RESULT (03/10/20 – 04/10/20)	RESULT (05/10/20 – 06/10/20)	RESULT (07/10/20 – 08/10/20)	RESULT (09/10/20 – 10/10/20)		
1.	Particulate Matter (PM_{10})	µg/m³	92.4	91.4	89.4	88.1	100	IS:5182 Part-23
2.	Particulate Matter ($PM_{2.5}$)	µg/m³	47.3	54.9	46.2	49.3	60	CPCB Guideline (Gravimetric Method)
3.	Sulphur Dioxide as SO_2	µg/m³	27.7	24.8	25.4	34.1	80	IS:5182 Part-2
4.	Nitrogen Dioxide as NO_2	µg/m³	31.8	27.2	32.3	36.6	80	IS:5182 Part-6
5.	Ozone (O_3)	µg/m³	16.9	17.8	15.7	14.0	180	IS:5182 Part-9
6.	Ammonia as NH_3	µg/m³	13.1	13.1	12.6	13.3	400	CPCB Guideline (Indophenol Method)
7.	Lead (Pb)	µg/m³	0.26	0.33	0.18	0.29	1.0	IS:5182 Part-22(AAS Method)
8.	Arsenic (As)	ng/m³	BDL	BDL	BDL	BDL	06	CPCB Guideline (AAS Method)
9.	Nickel (Ni)	ng/m³	2.29	2.11	1.19	2.10	20	CPCB Guideline (AAS Method)
10.	Benzene	µg/m³	BDL	BDL	BDL	BDL	5	IS:5182 Part-11
11.	BaP	ng/m³	BDL	BDL	BDL	BDL	1	IS:5182 Part-12
12.	Carbon Mono Oxide (CO)	mg/m³	0.66	0.77	0.76	0.75	4	IS:5182 Part-10

S - 2 & 3, Phase - II, (Near Dee Pharma) Indl. Area, Bhiwadi - 301019, Distt. Alwar (Raj.)

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Results									
Test Report No.			EL/BWD /131020-2846	EL/BWD/ 151020-2859	EL/BWD/1 71020-2866	EL/BWD/ 201020-2871	EL/BWD/ 241020-2884	STANDARD LIMIT	TEST METHOD
Environmental Conditions		:	Temp: - 34°C RH: - 525%	Temp: - 34°C RH: - 23%	Temp: - 33°C RH: -26%	Temp: - 32°C RH: - 21%	Temp: - 31°C RH: -22%		
S. NO.	PARAMETER	UNIT	RESULT (12/10/20-13/10/20)	RESULT (14/10/20-15/09/20)	RESULT (16/10/20 - 17/10/20)	RESULT (19/10/20-20/10/20)	RESULT (23/10/20 – 24/10/20)		
1.	Particulate Matter (PM_{10})	µg/m³	91.2	88.3	87.4	86.2	90.5	100	IS:5182 Part-23
2.	Particulate Matter ($PM_{2.5}$)	µg/m³	48.3	41.5	47.2	51.3	52.8	60	CPCB Guideline (Gravimetric Method)
3.	Sulphur Dioxide as SO_2	µg/m³	25.9	28.8	32.4	30.9	29.1	80	IS:5182 Part-2
4.	Nitrogen Dioxide as NO_2	µg/m³	30.1	33.6	34.0	35.1	34.0	80	IS:5182 Part-6
5.	Ozone (O_3)	µg/m³	17.4	20.2	14.3	18.4	15.5	180	IS:5182 Part-9
6.	Ammonia as NH_3	µg/m³	11.9	16.3	8.1	13.9	12.1	400	CPCB Guideline (Indophenol Method)
7.	Lead (Pb)	µg/m³	0.23	0.28	0.31	0.26	0.30	1.0	IS:5182 Part-22(AAS Method)
8.	Arsenic (As)	ng/m³	BDL	BDL	BDL	BDL	BDL	06	CPCB Guideline (AAS Method)
9.	Nickel (Ni)	ng/m³	2.55	1.92	1.25	1.65	2.10	20	CPCB Guideline (AAS Method)
10.	Benzene	µg/m³	BDL	BDL	BDL	BDL	BDL	5	IS:5182 Part-11
11.	BaP	ng/m³	BDL	BDL	BDL	BDL	BDL	1	IS:5182 Part-12
12.	Carbon Mono Oxide (CO)	mg/m³	0.81	0.77	0.75	0.87	0.85	4	IS:5182 Part-10

Note : **BDL= Below Detection Limit**

Notes: 1. The result listed above refer only to the tested samples and applicable parameters.
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Analyzed By

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Under the Environment Protection Act 1986

Controlled Format	No. 7.8F-03
TEST REPORT	Issue Date: 01/11/2020

(Ambient Air Analysis)

Issued To.	:	M/s Honda Cars India Ltd. SPL-1, RIICO Industrial Area, Tapukara, Tehsil: Tijara, Distt-Alwar (Raj.) 301707
Sample Description	:	Ambient Air
Sampling Location	:	Admin Area
Sampling Duration	:	24 hrs.
Instrument Used	:	RDS & Fine Particulate Sampler
Sampling Done By	:	Lab Representative
Latitude	:	N 28°06'671"
Longitude	:	E 76°48'445"
Test Protocol	:	As Per Indian Standard 5182
Standard Reference Code	:	As Per CPCB Guidelines (NAAQS-2009)
Sampling Plan & Procedure	:	Plan & Procedure No. 7.3P-01

Results

Test Report No.			EL/BWD/04 1020-2835	EL/BWD/0 61020-2839	EL/BWD/08 1020-786	EL/BWD/10 1020-2843	STANDARD LIMIT	TEST METHOD
Environmental Conditions		:	Temp: -35°C RH: - 25%	Temp: - 35°C RH: -24%	Temp: -34°C RH: - 26%	Temp: -33°C RH: - 22%		
S. NO.	PARAMETER	UNIT	RESULT (03/10/20 – 04/10/20)	RESULT (05/10/20 – 06/10/20)	RESULT (07/10/20 – 08/10/20)	RESULT (09/10/20 – 10/10/20)		
1.	Particulate Matter (PM_{10})	$\mu g/m^3$	91.4	92.5	90.2	87.4	100	IS:5182 Part-23
2.	Particulate Matter ($PM_{2.5}$)	$\mu g/m^3$	52.4	53.2	55.1	51.3	60	CPCB Guideline (Gravimetric Method)
3.	Sulphur Dioxide as SO_2	$\mu g/m^3$	24.2	22.9	25.1	30.2	80	IS:5182 Part-2
4.	Nitrogen Dioxide as NO_2	$\mu g/m^3$	27.0	31.0	33.8	32.8	80	IS:5182 Part-6
5.	Ozone (O_3)	$\mu g/m^3$	18.0	16.1	19.1	12.9	180	IS:5182 Part-9
6.	Ammonia as NH_3	$\mu g/m^3$	11.9	10.8	13.7	10.6	400	CPCB Guideline (Indophenol Method)
7.	Lead (Pb)	$\mu g/m^3$	0.24	0.29	0.20	0.22	1.0	IS:5182 Part-22(AAS Method)
8.	Arsenic (As)	ng/m^3	BDL	BDL	BDL	BDL	06	CPCB Guideline (AAS Method)
9.	Nickel (Ni)	ng/m^3	1.44	1.40	2.61	1.99	20	CPCB Guideline (AAS Method)
10.	Benzene	$\mu g/m^3$	BDL	BDL	BDL	BDL	5	IS:5182 Part-11
11.	BaP	ng/m^3	BDL	BDL	BDL	BDL	1	IS:5182 Part-12
12.	Carbon Mono Oxide (CO)	mg/m^3	0.71	0.63	0.79	0.79	4	IS:5182 Part-10

S - 2 & 3, Phase - II, (Near Dee Pharma) Indl. Area, Bhiwadi - 301019, Distt. Alwar (Raj.)

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Results									
Test Report No.			EL/BWD /131020-2847	EL/BWD/ 151020-28560	EL/BWD/1 71020-2867	EL/BWD/ 201020-2872	EL/BWD/ 241020-2885	STANDARD LIMIT	TEST METHOD
Environmental Conditions		:	Temp: - 34°C RH: - 525%	Temp: - 34°C RH: - 23%	Temp: - 33°C RH: -26%	Temp: - 32°C RH: - 21%	Temp: - 31°C RH: -22%		
S. NO.	PARAMETER	UNIT	RESULT (12/10/20-13/10/20)	RESULT (14/10/20-15/09/20)	RESULT (16/10/20 - 17/10/20)	RESULT (19/10/20-20/10/20)	RESULT (23/10/20 – 24/10/20)		
1.	Particulate Matter (PM_{10})	µg/m³	91.5	88.3	87.4	90.1	92.4	100	IS:5182 Part-23
2.	Particulate Matter ($PM_{2.5}$)	µg/m³	49.2	42.4	45.1	46.3	50.4	60	CPCB Guideline (Gravimetric Method)
3.	Sulphur Dioxide as SO_2	µg/m³	29.1	31.4	32.0	28.6	27.2	80	IS:5182 Part-2
4.	Nitrogen Dioxide as NO_2	µg/m³	33.3	36.1	37.1	34.0	32.9	80	IS:5182 Part-6
5.	Ozone (O_3)	µg/m³	19.4	17.7	19.2	13.9	18.0	180	IS:5182 Part-9
6.	Ammonia as NH_3	µg/m³	14.0	12.9	16.9	11.2	16.3	400	CPCB Guideline (Indophenol Method)
7.	Lead (Pb)	µg/m³	0.29	0.22	0.27	0.31	0.33	1.0	IS:5182 Part-22(AAS Method)
8.	Arsenic (As)	ng/m³	BDL	BDL	BDL	BDL	BDL	06	CPCB Guideline (AAS Method)
9.	Nickel (Ni)	ng/m³	2.13	1.80	2.05	1.77	1.89	20	CPCB Guideline (AAS Method)
10.	Benzene	µg/m³	BDL	BDL	BDL	BDL	BDL	5	IS:5182 Part-11
11.	BaP	ng/m³	BDL	BDL	BDL	BDL	BDL	1	IS:5182 Part-12
12.	Carbon Mono Oxide (CO)	mg/m³	0.86	0.79	0.83	0.69	0.79	4	IS:5182 Part-10

Note	:	BDL= Below Detection Limit

Notes: 1. The result listed above refer only to the tested samples and applicable parameters.
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Controlled Format	No. 7.8F-03
TEST REPORT	Issue Date: 01/11/2020

(Ambient Air Analysis)

Issued To.	:	M/s Honda Cars India Ltd. SPL-1, RIICO Industrial Area, Tapukara, Tehsil: Tijara, Distt-Alwar (Raj.) 301707
Sample Description	:	Ambient Air
Sampling Location	:	Forging Area
Sampling Duration	:	24 hrs.
Instrument Used	:	RDS & Fine Particulate Sampler
Sampling Done By	:	Lab Representative
Latitude	:	N 28°06'919"
Longitude	:	E 76°48'056"
Test Protocol	:	As Per Indian Standard 5182
Standard Reference Code	:	As Per CPCB Guidelines (NAAQS-2009)
Sampling Plan & Procedure	:	Plan & Procedure No. 7.3P-01

Results

Test Report No.			EL/BWD/04 1020-2836	EL/BWD/0 61020-2840	EL/BWD/08 1020-787	EL/BWD/10 1020-2844	STANDARD LIMIT	TEST METHOD
Environmental Conditions		:	Temp: -35°C RH: - 25%	Temp: - 35°C RH: -24%	Temp: -34°C RH: - 26%	Temp: -33°C RH: - 22%		
S. NO.	PARAMETER	UNIT	RESULT (03/10/20 – 04/10/20)	RESULT (05/10/20 – 06/10/20)	RESULT (07/10/20 – 08/10/20)	RESULT (09/10/20 – 10/10/20)		
1.	Particulate Matter (PM_{10})	$\mu g/m^3$	91.4	90.4	89.4	88.3	100	IS:5182 Part-23
2.	Particulate Matter ($PM_{2.5}$)	$\mu g/m^3$	44.3	46.1	49.3	47.2	60	CPCB Guideline (Gravimetric Method)
3.	Sulphur Dioxide as SO_2	$\mu g/m^3$	24.6	22.8	27.8	29.9	80	IS:5182 Part-2
4.	Nitrogen Dioxide as NO_2	$\mu g/m^3$	29.1	30.0	36.7	33.4	80	IS:5182 Part-6
5.	Ozone (O_3)	$\mu g/m^3$	16.0	15.9	17.9	18.6	180	IS:5182 Part-9
6.	Ammonia as NH_3	$\mu g/m^3$	13.3	12.8	12.8	14.4	400	CPCB Guideline (Indophenol Method)
7.	Lead (Pb)	$\mu g/m^3$	0.30	0.33	0.23	0.25	1.0	IS:5182 Part-22(AAS Method)
8.	Arsenic (As)	ng/m^3	BDL	BDL	BDL	BDL	06	CPCB Guideline (AAS Method)
9.	Nickel (Ni)	ng/m^3	1.95	2.10	1.31	2.19	20	CPCB Guideline (AAS Method)
10.	Benzene	$\mu g/m^3$	BDL	BDL	BDL	BDL	5	IS:5182 Part-11
11.	BaP	ng/m^3	BDL	BDL	BDL	BDL	1	IS:5182 Part-12
12.	Carbon Mono Oxide (CO)	mg/m^3	0.68	0.71	0.86	0.85	4	IS:5182 Part-10

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Results									
Test Report No.			EL/BWD /131020-2848	EL/BWD/ 151020-2861	EL/BWD/I 71020-2868	EL/BWD/ 201020-2873	EL/BWD/ 241020-2886	STANDARD LIMIT	TEST METHOD
Environmental Conditions		:	Temp: - 34°C RH: - 525%	Temp: - 34°C RH: - 23%	Temp: - 33°C RH: -26%	Temp: - 32°C RH: - 21%	Temp: - 31°C RH: -22%		
S. NO.	PARAMETER	UNIT	RESULT (12/10/20-13/10/20)	RESULT (14/10/20-15/09/20)	RESULT (16/10/20 - 17/10/20)	RESULT (19/10/20-20/10/20)	RESULT (23/10/20 – 24/10/20)		
1.	Particulate Matter (PM_{10})	µg/m³	88.4	86.2	84.9	89.2	90.5	100	IS:5182 Part-23
2.	Particulate Matter ($PM_{2.5}$)	µg/m³	46.2	43.4	47.2	49.2	50.3	60	CPCB Guideline (Gravimetric Method)
3.	Sulphur Dioxide as SO_2	µg/m³	30.3	32.0	31.1	28.9	35.5	80	IS:5182 Part-2
4.	Nitrogen Dioxide as NO_2	µg/m³	36.9	37.7	34.8	32.2	37.8	80	IS:5182 Part-6
5.	Ozone (O_3)	µg/m³	18.8	19.0	20.1	17.6	16.8	180	IS:5182 Part-9
6.	Ammonia as NH_3	µg/m³	12.3	16.9	13.7	15.1	14.9	400	CPCB Guideline (Indophenol Method)
7.	Lead (Pb)	µg/m³	0.36	0.32	0.30	0.37	0.36	1.0	IS:5182 Part-22(AAS Method)
8.	Arsenic (As)	ng/m³	BDL	BDL	BDL	BDL	BDL	06	CPCB Guideline (AAS Method)
9.	Nickel (Ni)	ng/m³	2.35	2.41	1.89	1.95	2.10	20	CPCB Guideline (AAS Method)
10.	Benzene	µg/m³	BDL	BDL	BDL	BDL	BDL	5	IS:5182 Part-11
11.	BaP	ng/m³	BDL	BDL	BDL	BDL	BDL	1	IS:5182 Part-12
12.	Carbon Mono Oxide (CO)	mg/m³	0.91	0.67	0.81	0.72	0.85	4	IS:5182 Part-10

Notes: 1. The result listed above refer only to the tested samples and applicable parameters.
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Controlled Format	No. 7.8F-03
TEST REPORT	Issue Date: 01/12/2020

(Ambient Air Analysis)

Issued To.	:	M/s Honda Cars India Ltd. SPL-1, RIICO Industrial Area, Tapukara, Tehsil: Tijara, Distt-Alwar (Raj.) 301707
Sample Description	:	Ambient Air
Sampling Location	:	ETB Area
Sampling Duration	:	24 hrs.
Instrument Used	:	RDS & Fine Particulate Sampler
Sampling Done By	:	Lab Representative
Latitude	:	N 28°07'1931"
Longitude	:	E 76°48'417"
Test Protocol	:	As Per Indian Standard 5182
Standard Reference Code	:	As Per CPCB Guidelines (NAAQS-2009)
Sampling Plan & Procedure	:	Plan & Procedure No. 7.3P-01

Results

Test Report No.		:	EL/BWD/03 1120-3105	EL/BWD/05 1120-5109	EL/BWD/07 1120-3121	EL/BWD/10 1120-3149	STANDARD LIMIT	TEST METHOD
Environmental Conditions		:	Temp: -28°C RH: - 52%	Temp: -27°C RH: -53%	Temp: -29°C RH: - 55%	Temp: -25°C RH: - 59%		
S. NO.	PARAMETER	UNIT	RESULT (02/11/20 – 03/11/20)	RESULT (04/11/20 – 05/11/20)	RESULT (06/11/20 – 07/11/20)	RESULT (09/11/20 – 10/11/20)		
1.	Particulate Matter (PM_{10})	µg/m³	91.2	92.7	91.6	90.7	100	IS:5182 Part-23
2.	Particulate Matter ($PM_{2.5}$)	µg/m³	47.2	44.1	40.8	49.1	60	CPCB Guideline (Gravimetric Method)
3.	Sulphur Dioxide as SO_2	µg/m³	29.5	23.5	26.0	26.3	80	IS:5182 Part-2
4.	Nitrogen Dioxide as NO_2	µg/m³	34.1	31.2	29.4	33.2	80	IS:5182 Part-6
5.	Ozone (O_3)	µg/m³	16.7	14.8	14.6	14.7	180	IS:5182 Part-9
6.	Ammonia as NH_3	µg/m³	11.9	10.6	11.2	12.5	400	CPCB Guideline (Indophenol Method)
7.	Lead (Pb)	µg/m³	0.18	0.22	0.09	0.22	1.0	IS:5182 Part-22(AAS Method)
8.	Arsenic (As)	ng/m³	BDL	BDL	BDL	BDL	06	CPCB Guideline (AAS Method)
9.	Nickel (Ni)	ng/m³	1.08	1.08	2.34	2.18	20	CPCB Guideline (AAS Method)
10.	Benzene	µg/m³	BDL	BDL	BDL	BDL	5	IS:5182 Part-11
11.	BaP	ng/m³	BDL	BDL	BDL	BDL	1	IS:5182 Part-12
12.	Carbon Mono Oxide (CO)	mg/m³	0.68	0.48	0.78	0.65	4	IS:5182 Part-10

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Results									
Test Report No.		:	EL/BWD /131120-3159	EL/BWD/241120-3163	EL/BWD/ 251120-3167	EL/BWD/ 271120-3188	EL/BWD/ 281120-3192	STANDARD LIMIT	TEST METHOD
Environmental Conditions		:	Temp: - 27°C RH: -53%	Temp: - 23°C RH: -59%	Temp: - 24°C RH: - 57%	Temp: - 24°C RH: - 61%	Temp: - 24°C RH: -62%		
S. NO.	PARAMETER	UNIT	RESULT (12/11/20-13/11/20)	RESULT (23/11/20-24/11/20)	RESULT (24/11/20 -25/11/20)	RESULT (26/11/20-27/11/20)	RESULT (27/11/20 – 28/11/20)		
1.	Particulate Matter (PM_{10})	$\mu g/m^3$	89.3	88.8	91.3	93.2	94.1	100	IS:5182 Part-23
2.	Particulate Matter ($PM_{2.5}$)	$\mu g/m^3$	56.9	50.3	55.3	47.2	51.3	60	CPCB Guideline (Gravimetric Method)
3.	Sulphur Dioxide as SO_2	$\mu g/m^3$	26.0	22.3	26.0	26.8	22.5	80	IS:5182 Part-2
4.	Nitrogen Dioxide as NO_2	$\mu g/m^3$	31.8	28.9	34.6	35.2	35.1	80	IS:5182 Part-6
5.	Ozone (O_3)	$\mu g/m^3$	16.3	16.5	17.5	16.0	12.6	180	IS:5182 Part-9
6.	Ammonia as NH_3	$\mu g/m^3$	12.1	11.4	13.1	11.3	9.2	400	CPCB Guideline (Indophenol Method)
7.	Lead (Pb)	$\mu g/m^3$	0.13	0.08	0.24	0.18	0.17	1.0	IS:5182 Part-22(AAS Method)
8.	Arsenic (As)	ng/m^3	BDL	BDL	BDL	BDL	BDL	06	CPCB Guideline (AAS Method)
9.	Nickel (Ni)	ng/m^3	3.14	1.14	1.12	2.23	1.23	20	CPCB Guideline (AAS Method)
10.	Benzene	$\mu g/m^3$	BDL	BDL	BDL	BDL	BDL	5	IS:5182 Part-11
11.	BaP	ng/m^3	BDL	BDL	BDL	BDL	BDL	1	IS:5182 Part-12
12.	Carbon Mono Oxide (CO)	mg/m^3	0.52	0.76	0.55	0.74	0.68	4	IS:5182 Part-10

Note	:	BDL= Below Detection Limit

Notes: 1. The result listed above refer only to the tested samples and applicable parameters.
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Controlled Format	No. 7.8F-03
TEST REPORT	Issue Date: 01/12/2020

(Ambient Air Analysis)

Issued To.	:	M/s Honda Cars India Ltd. SPL-1, RIICO Industrial Area, Tapukara, Tehsil: Tijara, Distt-Alwar (Raj.) 301707
Sample Description	:	Ambient Air
Sampling Location	:	QE Area
Sampling Duration	:	24 hrs.
Instrument Used	:	RDS & Fine Particulate Sampler
Sampling Done By	:	Lab Representative
Latitude	:	N 28°06'902"
Longitude	:	E 76°48'804"
Test Protocol	:	As Per Indian Standard 5182
Standard Reference Code	:	As Per CPCB Guidelines (NAAQS-2009)
Sampling Plan & Procedure	:	Plan & Procedure No. 7.3P-01

Results

Test Report No.		:	EL/BWD/03 1120-3106	EL/BWD/0 51120-5110	EL/BWD/07 1120-3122	EL/BWD/10 1120-3150	STANDARD LIMIT	TEST METHOD
Environmental Conditions		:	Temp: -28°C RH: - 52%	Temp: - 27°C RH: -53%	Temp: -29°C RH: - 55%	Temp: -25°C RH: - 59%		
S. NO.	PARAMETER	UNIT	RESULT (02/11/20 – 03/11/20)	RESULT (04/11/20 – 05/11/20)	RESULT (06/11/20 – 07/11/20)	RESULT (09/11/20 – 10/11/20)		
1.	Particulate Matter (PM_{10})	$\mu g/m^3$	90.3	91.7	92.6	93.2	100	IS:5182 Part-23
2.	Particulate Matter ($PM_{2.5}$)	$\mu g/m^3$	52.3	51.0	47.2	45.0	60	CPCB Guideline (Gravimetric Method)
3.	Sulphur Dioxide as SO_2	$\mu g/m^3$	24.6	25.9	24.3	25.3	80	IS:5182 Part-2
4.	Nitrogen Dioxide as NO_2	$\mu g/m^3$	29.3	36.2	32.1	29.8	80	IS:5182 Part-6
5.	Ozone (O_3)	$\mu g/m^3$	15.2	15.3	15.6	16.4	180	IS:5182 Part-9
6.	Ammonia as NH_3	$\mu g/m^3$	10.6	10.0	12.3	10.6	400	CPCB Guideline (Indophenol Method)
7.	Lead (Pb)	$\mu g/m^3$	0.2	0.12	0.14	0.09	1.0	IS:5182 Part-22(AAS Method)
8.	Arsenic (As)	ng/m^3	BDL	BDL	BDL	BDL	06	CPCB Guideline (AAS Method)
9.	Nickel (Ni)	ng/m^3	1.22	2.12	1.08	1.28	20	CPCB Guideline (AAS Method)
10.	Benzene	$\mu g/m^3$	BDL	BDL	BDL	BDL	5	IS:5182 Part-11
11.	BaP	ng/m^3	BDL	BDL	BDL	BDL	1	IS:5182 Part-12
12.	Carbon Mono Oxide (CO)	mg/m^3	0.75	0.58	0.62	0.55	4	IS:5182 Part-10

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Results									
Test Report No.			EL/BWD /131120-3160	EL/BWD/ 241120-3164	EL/BWD/2 51120-3168	EL/BWD/ 271120-3189	EL/BWD/ 281120-3193	STANDARD LIMIT	TEST METHOD
Environmental Conditions		:	Temp: - 27°C RH: - 53%	Temp: - 23°C RH: - 59%	Temp: - 24°C RH: -57%	Temp: - 24°C RH: - 61%	Temp: - 24°C RH: -62%		
S. NO.	PARAMETER	UNIT	RESULT (12/11/20-13/11/20)	RESULT (23/11/20-24/11/20)	RESULT (24/11/20 - 25/11/20)	RESULT (26/11/20-27/11/20)	RESULT (27/11/20 – 28/11/20)		
1.	Particulate Matter (PM_{10})	$\mu g/m^3$	87.3	86.2	89.4	90.4	91.4	100	IS:5182 Part-23
2.	Particulate Matter ($PM_{2.5}$)	$\mu g/m^3$	41.7	44.2	46.3	51.4	50.4	60	CPCB Guideline (Gravimetric Method)
3.	Sulphur Dioxide as SO_2	$\mu g/m^3$	25.6	24.0	25.3	24.3	26.1	80	IS:5182 Part-2
4.	Nitrogen Dioxide as NO_2	$\mu g/m^3$	33.2	33.1	31.8	34.8	30.6	80	IS:5182 Part-6
5.	Ozone (O_3)	$\mu g/m^3$	15.5	15.7	15.5	15.4	13.8	180	IS:5182 Part-9
6.	Ammonia as NH_3	$\mu g/m^3$	13.6	12.2	10.3	12.2	10.2	400	CPCB Guideline (Indophenol Method)
7.	Lead (Pb)	$\mu g/m^3$	0.23	0.13	0.12	0.25	0.2	1.0	IS:5182 Part-22(AAS Method)
8.	Arsenic (As)	ng/m^3	BDL	BDL	BDL	BDL	BDL	06	CPCB Guideline (AAS Method)
9.	Nickel (Ni)	ng/m^3	2.22	2.23	2.26	1.08	2.14	20	CPCB Guideline (AAS Method)
10.	Benzene	$\mu g/m^3$	BDL	BDL	BDL	BDL	BDL	5	IS:5182 Part-11
11.	BaP	ng/m^3	BDL	BDL	BDL	BDL	BDL	1	IS:5182 Part-12
12.	Carbon Mono Oxide (CO)	mg/m^3	0.64	0.65	0.69	0.58	0.70	4	IS:5182 Part-10

Note : **BDL= Below Detection Limit**

Notes: 1. The result listed above refer only to the tested samples and applicable parameters.

2. Remnants sample will be destroyed after 20 days from the date of receipt of sample.
3. Complaints, if any, about this report should be communicated within seven (07) days of the issue of this report.
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5. Any Backup either related to re-issue of changing of report should be given within 30 days of issue of this report.

Analyzed By

Authorized By

ENVIRO LAB BHIWADI

S - 2 & 3, Phase - II, (Near Dee Pharma) Indl. Area, Bhiwadi - 301019, Distt. Alwar (Raj.)

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Controlled Format	No. 7.8F-03
TEST REPORT	Issue Date: 01/12/2020

(Ambient Air Analysis)

Issued To.	:	**M/s Honda Cars India Ltd.** **SPL-1, RIICO Industrial Area, Tapukara,** **Tehsil: Tijara, Distt-Alwar (Raj.) 301707**
Sample Description	:	Ambient Air
Sampling Location	:	Admin Area
Sampling Duration	:	24 hrs.
Instrument Used	:	RDS & Fine Particulate Sampler
Sampling Done By	:	Lab Representative
Latitude	:	N 28°06'671"
Longitude	:	E 76°48'445"
Test Protocol	:	As Per Indian Standard 5182
Standard Reference Code	:	As Per CPCB Guidelines (NAAQS-2009)
Sampling Plan & Procedure	:	Plan & Procedure No. 7.3P-01

Results

Test Report No.			**EL/BWD/03 1120-3107**	**EL/BWD/0 51120-5111**	**EL/BWD/07 1120-3123**	**EL/BWD/10 1120-3151**	**STANDARD LIMIT**	**TEST METHOD**
Environmental Conditions		:	**Temp: -28°C RH: - 52%**	**Temp: -27°C RH: -53%**	**Temp: -29°C RH: - 55%**	**Temp: -25°C RH: - 59%**		
S. NO.	**PARAMETER**	**UNIT**	**RESULT (02/11/20 – 03/11/20)**	**RESULT (04/11/20 – 05/11/20)**	**RESULT (06/11/20 – 07/11/20)**	**RESULT (09/11/20 – 10/11/20)**		
1.	Particulate Matter (PM_{10})	$\mu g/m^3$	90.3	91.6	87.2	89.6	100	IS:5182 Part-23
2.	Particulate Matter ($PM_{2.5}$)	$\mu g/m^3$	43.2	49.2	45.3	48.2	60	CPCB Guideline (Gravimetric Method)
3.	Sulphur Dioxide as SO_2	$\mu g/m^3$	26.1	21.1	25.6	21.4	80	IS:5182 Part-2
4.	Nitrogen Dioxide as NO_2	$\mu g/m^3$	30.0	29.5	31.0	30.2	80	IS:5182 Part-6
5.	Ozone (O_3)	$\mu g/m^3$	17.7	13.4	13.7	14.5	180	IS:5182 Part-9
6.	Ammonia as NH_3	$\mu g/m^3$	12.3	11.5	11.0	11.7	400	CPCB Guideline (Indophenol Method)
7.	Lead (Pb)	$\mu g/m^3$	0.31	0.08	0.10	0.15	1.0	IS:5182 Part-22(AAS Method)
8.	Arsenic (As)	ng/m^3	BDL	BDL	BDL	BDL	06	CPCB Guideline (AAS Method)
9.	Nickel (Ni)	ng/m^3	2.22	1.16	2.26	1.06	20	CPCB Guideline (AAS Method)
10.	Benzene	$\mu g/m^3$	BDL	BDL	BDL	BDL	5	IS:5182 Part-11
11.	BaP	ng/m^3	BDL	BDL	BDL	BDL	1	IS:5182 Part-12
12.	Carbon Mono Oxide (CO)	mg/m^3	0.65	0.69	0.82	0.68	4	IS:5182 Part-10

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Results									
Test Report No.			EL/BWD /131120-3161	EL/BWD/ 241120-3165	EL/BWD/2 51120-3169	EL/BWD/ 271120-3190	EL/BWD/ 281120-3194	STANDARD LIMIT	TEST METHOD
Environmental Conditions		:	Temp: - 27°C RH: - 53%	Temp: - 23°C RH: - 59%	Temp: - 24°C RH: -57%	Temp: - 24°C RH: - 61%	Temp: - 24°C RH: -62%		
S. NO.	PARAMETER	UNIT	RESULT (12/11/20-13/11/20)	RESULT (23/11/20-24/11/20)	RESULT (24/11/20 - 25/11/20)	RESULT (26/11/20-27/11/20)	RESULT (27/11/20 – 28/11/20)		
1.	Particulate Matter (PM_{10})	$\mu g/m^3$	87.3	89.5	90.2	91.6	92.7	100	IS:5182 Part-23
2.	Particulate Matter ($PM_{2.5}$)	$\mu g/m^3$	45.8	47.2	44.9	48.2	50.4	60	CPCB Guideline (Gravimetric Method)
3.	Sulphur Dioxide as SO_2	$\mu g/m^3$	26.9	25.7	22.5	23.0	25.5	80	IS:5182 Part-2
4.	Nitrogen Dioxide as NO_2	$\mu g/m^3$	30.0	28.0	33.2	28.1	32.2	80	IS:5182 Part-6
5.	Ozone (O_3)	$\mu g/m^3$	13.3	16.1	16.7	16.9	14.7	180	IS:5182 Part-9
6.	Ammonia as NH_3	$\mu g/m^3$	9.9	10.2	11.2	9.6	11.0	400	CPCB Guideline (Indophenol Method)
7.	Lead (Pb)	$\mu g/m^3$	0.16	0.25	0.28	0.28	0.24	1.0	IS:5182 Part-22(AAS Method)
8.	Arsenic (As)	ng/m^3	BDL	BDL	BDL	BDL	BDL	06	CPCB Guideline (AAS Method)
9.	Nickel (Ni)	ng/m^3	1.06	3.44	1.11	2.26	3.36	20	CPCB Guideline (AAS Method)
10.	Benzene	$\mu g/m^3$	BDL	BDL	BDL	BDL	BDL	5	IS:5182 Part-11
11.	BaP	ng/m^3	BDL	BDL	BDL	BDL	BDL	1	IS:5182 Part-12
12.	Carbon Mono Oxide (CO)	mg/m^3	0.58	0.56	0.80	0.49	0.76	4	IS:5182 Part-10

Note	:	BDL= Below Detection Limit

Notes: 1. The result listed above refer only to the tested samples and applicable parameters.

2. Remnants sample will be destroyed after 20 days from the date of receipt of sample.
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Controlled Format	No. 7.8F-03
TEST REPORT	Issue Date: 01/12/2020

(Ambient Air Analysis)

Issued To.	:	**M/s Honda Cars India Ltd.** **SPL-1, RIICO Industrial Area, Tapukara,** **Tehsil: Tijara, Distt-Alwar (Raj.) 301707**
Sample Description	:	Ambient Air
Sampling Location	:	Forging Area
Sampling Duration	:	24 hrs.
Instrument Used	:	RDS & Fine Particulate Sampler
Sampling Done By	:	Lab Representative
Latitude	:	N 28°06'919"
Longitude	:	E 76°48'056"
Test Protocol	:	As Per Indian Standard 5182
Standard Reference Code	:	As Per CPCB Guidelines (NAAQS-2009)
Sampling Plan & Procedure	:	Plan & Procedure No. 7.3P-01

Results

Test Report No.			**EL/BWD/03 1120-3108**	**EL/BWD/0 51120-5112**	**EL/BWD/07 1120-3124**	**EL/BWD/10 1120-3152**	**STANDARD LIMIT**	**TEST METHOD**
Environmental Conditions		:	**Temp: -28°C RH: - 52%**	**Temp: - 27°C RH: -53%**	**Temp: -29°C RH: - 55%**	**Temp: -25°C RH: - 59%**		
S. NO.	**PARAMETER**	**UNIT**	**RESULT (02/11/20 – 03/11/20)**	**RESULT (04/11/20 – 05/11/20)**	**RESULT (06/11/20 – 07/11/20)**	**RESULT (09/11/20 – 10/11/20)**		
1.	Particulate Matter (PM_{10})	$\mu g/m^3$	85.2	88.1	90.2	89.5	100	IS:5182 Part-23
2.	Particulate Matter ($PM_{2.5}$)	$\mu g/m^3$	48.9	47.9	48.2	49.2	60	CPCB Guideline (Gravimetric Method)
3.	Sulphur Dioxide as SO_2	$\mu g/m^3$	22.8	23.8	23.8	24.4	80	IS:5182 Part-2
4.	Nitrogen Dioxide as NO_2	$\mu g/m^3$	28.6	28.6	30.4	34.6	80	IS:5182 Part-6
5.	Ozone (O_3)	$\mu g/m^3$	14.1	12.7	16.2	12.5	180	IS:5182 Part-9
6.	Ammonia as NH_3	$\mu g/m^3$	9.8	10.5	12.0	9.4	400	CPCB Guideline (Indophenol Method)
7.	Lead (Pb)	$\mu g/m^3$	0.16	0.18	0.21	0.23	1.0	IS:5182 Part-22(AAS Method)
8.	Arsenic (As)	ng/m^3	BDL	BDL	BDL	BDL	06	CPCB Guideline (AAS Method)
9.	Nickel (Ni)	ng/m^3	1.10	2.20	3.12	2.32	20	CPCB Guideline (AAS Method)
10.	Benzene	$\mu g/m^3$	BDL	BDL	BDL	BDL	5	IS:5182 Part-11
11.	BaP	ng/m^3	BDL	BDL	BDL	BDL	1	IS:5182 Part-12
12.	Carbon Mono Oxide (CO)	mg/m^3	0.58	0.75	0.72	0.56	4	IS:5182 Part-10

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Results									
Test Report No.			EL/BWD /131120-3162	EL/BWD/ 241120-3166	EL/BWD/2 51120-3170	EL/BWD/ 271120-3191	EL/BWD/ 281120-3195	STANDARD LIMIT	TEST METHOD
Environmental Conditions		:	Temp: - 27°C RH: - 53%	Temp: - 23°C RH: - 59%	Temp: - 24°C RH: -57%	Temp: - 24°C RH: - 61%	Temp: - 24°C RH: -62%		
S. NO.	PARAMETER	UNIT	RESULT (12/11/20-13/11/20)	RESULT (23/11/20-24/11/20)	RESULT (24/11/20 - 25/11/20)	RESULT (26/11/20-27/11/20)	RESULT (27/11/20 – 28/11/20)		
1.	Particulate Matter (PM_{10})	µg/m³	90.4	89.5	84.6	85.3	86.9	100	IS:5182 Part-23
2.	Particulate Matter ($PM_{2.5}$)	µg/m³	51.4	53.9	54.2	55.9	54.2	60	CPCB Guideline (Gravimetric Method)
3.	Sulphur Dioxide as SO_2	µg/m³	28.6	23.8	23.6	25.9	26.6	80	IS:5182 Part-2
4.	Nitrogen Dioxide as NO_2	µg/m³	36.2	32.2	30.1	29.0	34.5	80	IS:5182 Part-6
5.	Ozone (O_3)	µg/m³	14.1	18.6	15.4	13.4	16.0	180	IS:5182 Part-9
6.	Ammonia as NH_3	µg/m³	10.3	12.7	11.8	10.1	10.4	400	CPCB Guideline (Indophenol Method)
7.	Lead (Pb)	µg/m³	0.21	0.18	0.15	0.35	0.20	1.0	IS:5182 Part-22(AAS Method)
8.	Arsenic (As)	ng/m³	BDL	BDL	BDL	BDL	BDL	06	CPCB Guideline (AAS Method)
9.	Nickel (Ni)	ng/m³	2.12	1.05	1.32	3.46	1.16	20	CPCB Guideline (AAS Method)
10.	Benzene	µg/m³	BDL	BDL	BDL	BDL	BDL	5	IS:5182 Part-11
11.	BaP	ng/m³	BDL	BDL	BDL	BDL	BDL	1	IS:5182 Part-12
12.	Carbon Mono Oxide (CO)	mg/m³	0.45	0.48	0.72	0.64	0.55	4	IS:5182 Part-10

Notes: 1. The result listed above refer only to the tested samples and applicable parameters.
2. Remnants sample will be destroyed after 20 days from the date of receipt of sample.
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Under the Environment Protection Act 1986

Controlled Format	No. 7.8F-03
TEST REPORT	Issue Date: 02/01/2021

(Ambient Air Analysis)

Issued To.	:	M/s Honda Cars India Ltd. SPL-1, RIICO Industrial Area, Tapukara, Tehsil: Tijara, Distt-Alwar (Raj.) 301707
Sample Description	:	Ambient Air
Sampling Location	:	ETB Area
Sampling Duration	:	24 hrs.
Instrument Used	:	RDS & Fine Particulate Sampler
Sampling Done By	:	Lab Representative
Latitude	:	N 28°07'1931"
Longitude	:	E 76°48'417"
Test Protocol	:	As Per Indian Standard 5182
Standard Reference Code	:	As Per CPCB Guidelines (NAAQS-2009)
Sampling Plan & Procedure	:	Plan & Procedure No. 7.3P-01

Results

Test Report No.		:	EL/BWD/02 1220-3713	EL/BWD/04 1220-3717	EL/BWD/08 1220-3726	EL/BWD/10 1220-3730	STANDARD LIMIT	TEST METHOD
Environmental Conditions		:	Temp: -25°C RH: - 58%	Temp: -25°C RH: -61%	Temp: -24°C RH: - 63%	Temp: -24°C RH: - 64%		
S. NO.	PARAMETER	UNIT	RESULT (01/12/20 – 02/12/20)	RESULT (03/12/20 – 04/12/20)	RESULT (07/12/20 – 08/12/20)	RESULT (09/12/20 – 10/12/20)		
1.	Particulate Matter (PM_{10})	$\mu g/m^3$	90.1	91.5	88.1	89.3	100	IS:5182 Part-23
2.	Particulate Matter ($PM_{2.5}$)	$\mu g/m^3$	42.3	44.5	46.1	45.3	60	CPCB Guideline (Gravimetric Method)
3.	Sulphur Dioxide as SO_2	$\mu g/m^3$	32.5	29.5	28.5	27.4	80	IS:5182 Part-2
4.	Nitrogen Dioxide as NO_2	$\mu g/m^3$	38.1	38.1	36.4	32.6	80	IS:5182 Part-6
5.	Ozone (O_3)	$\mu g/m^3$	18.0	18.4	14.8	17.2	180	IS:5182 Part-9
6.	Ammonia as NH_3	$\mu g/m^3$	12.8	13.8	11.5	11.4	400	CPCB Guideline (Indophenol Method)
7.	Lead (Pb)	$\mu g/m^3$	0.12	0.09	0.08	0.08	1.0	IS:5182 Part-22(AAS Method)
8.	Arsenic (As)	ng/m^3	BDL	BDL	BDL	BDL	06	CPCB Guideline (AAS Method)
9.	Nickel (Ni)	ng/m^3	2.18	2.14	1.26	2.16	20	CPCB Guideline (AAS Method)
10.	Benzene	$\mu g/m^3$	BDL	BDL	BDL	BDL	5	IS:5182 Part-11
11.	BaP	ng/m^3	BDL	BDL	BDL	BDL	1	IS:5182 Part-12
12.	Carbon Mono Oxide (CO)	mg/m^3	0.89	0.88	0.78	0.83	4	IS:5182 Part-10

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Results									
Test Report No.		:	EL/BWD /121220-3734	EL/BWD/151220-3738	EL/BWD/ 171220-3748	EL/BWD/ 191220-3752	EL/BWD/ 221220-3762	STANDARD LIMIT	TEST METHOD
Environmental Conditions		:	Temp: - 24°C RH: -64%	Temp: - 23°C RH: -67%	Temp: - 23°C RH: - 68%	Temp: - 23°C RH: - 69%	Temp: - 23°C RH: -70%		
S. NO.	PARAMETER	UNIT	RESULT (11/12/20-12/12/20)	RESULT (14/12/20-15/12/20)	RESULT (16/12/20 -17/12/20)	RESULT (18/12/20-19/12/20)	RESULT (21/12/20 – 22/12/20)		
1.	Particulate Matter (PM_{10})	µg/m³	90.4	91.5	89.5	88.3	90.7	100	IS:5182 Part-23
2.	Particulate Matter ($PM_{2.5}$)	µg/m³	43.6	45.1	47.2	41.6	44.5	60	CPCB Guideline (Gravimetric Method)
3.	Sulphur Dioxide as SO_2	µg/m³	26.6	30.5	32.0	27.1	27.5	80	IS:5182 Part-2
4.	Nitrogen Dioxide as NO_2	µg/m³	38.2	36.3	36.7	29.8	30.4	80	IS:5182 Part-6
5.	Ozone (O_3)	µg/m³	16.6	17.5	18.3	13.5	16.6	180	IS:5182 Part-9
6.	Ammonia as NH_3	µg/m³	11.5	12.3	12.0	9.2	10.7	400	CPCB Guideline (Indophenol Method)
7.	Lead (Pb)	µg/m³	0.09	0.12	0.08	0.16	0.12	1.0	IS:5182 Part-22(AAS Method)
8.	Arsenic (As)	ng/m³	BDL	BDL	BDL	BDL	BDL	06	CPCB Guideline (AAS Method)
9.	Nickel (Ni)	ng/m³	1.28	1.26	1.16	2.18	1.08	20	CPCB Guideline (AAS Method)
10.	Benzene	µg/m³	BDL	BDL	BDL	BDL	BDL	5	IS:5182 Part-11
11.	BaP	ng/m³	BDL	BDL	BDL	BDL	BDL	1	IS:5182 Part-12
12.	Carbon Mono Oxide (CO)	mg/m³	0.84	1.08	1.23	1.23	1.12	4	IS:5182 Part-10

Note	:	BDL= Below Detection Limit

Notes: 1. The result listed above refer only to the tested samples and applicable parameters.

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Analyzed By

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Under the Environment Protection Act 1986

Controlled Format	No. 7.8F-03
TEST REPORT	Issue Date: 02/01/2021

(Ambient Air Analysis)

Issued To.	:	M/s Honda Cars India Ltd. SPL-1, RIICO Industrial Area, Tapukara, Tehsil: Tijara, Distt-Alwar (Raj.) 301707
Sample Description	:	Ambient Air
Sampling Location	:	QE Area
Sampling Duration	:	24 hrs.
Instrument Used	:	RDS & Fine Particulate Sampler
Sampling Done By	:	Lab Representative
Latitude	:	N 28°06'902"
Longitude	:	E 76°48'804"
Test Protocol	:	As Per Indian Standard 5182
Standard Reference Code	:	As Per CPCB Guidelines (NAAQS-2009)
Sampling Plan & Procedure	:	Plan & Procedure No. 7.3P-01

Results

Test Report No.		:	EL/BWD/02 1220-3714	EL/BWD/0 41220-3718	EL/BWD/08 1220-3727	EL/BWD/10 1220-3731	STANDARD LIMIT	TEST METHOD
Environmental Conditions		:	Temp: -25°C RH: - 58%	Temp: - 25°C RH: -61%	Temp: -24°C RH: - 63%	Temp: -24°C RH: - 64%		
S. NO.	PARAMETER	UNIT	RESULT (01/12/20 – 02/12/20)	RESULT (03/12/20 – 04/12/20)	RESULT (07/12/20 – 08/12/20)	RESULT (09/12/20 – 10/12/20)		
1.	Particulate Matter (PM_{10})	$\mu g/m^3$	86.3	87.5	86.4	88.4	100	IS:5182 Part-23
2.	Particulate Matter ($PM_{2.5}$)	$\mu g/m^3$	40.5	39.2	41.5	42.3	60	CPCB Guideline (Gravimetric Method)
3.	Sulphur Dioxide as SO_2	$\mu g/m^3$	30.1	26.6	26.4	28.4	80	IS:5182 Part-2
4.	Nitrogen Dioxide as NO_2	$\mu g/m^3$	32.6	33.4	39.8	36.0	80	IS:5182 Part-6
5.	Ozone (O_3)	$\mu g/m^3$	14.4	19.2	17.1	14.2	180	IS:5182 Part-9
6.	Ammonia as NH_3	$\mu g/m^3$	10.3	10.6	10.5	9.8	400	CPCB Guideline (Indophenol Method)
7.	Lead (Pb)	$\mu g/m^3$	0.14	0.13	0.12	0.10	1.0	IS:5182 Part-22(AAS Method)
8.	Arsenic (As)	ng/m^3	BDL	BDL	BDL	BDL	06	CPCB Guideline (AAS Method)
9.	Nickel (Ni)	ng/m^3	1.18	3.18	2.26	2.24	20	CPCB Guideline (AAS Method)
10.	Benzene	$\mu g/m^3$	BDL	BDL	BDL	BDL	5	IS:5182 Part-11
11.	BaP	ng/m^3	BDL	BDL	BDL	BDL	1	IS:5182 Part-12
12.	Carbon Mono Oxide (CO)	mg/m^3	1.01	0.68	0.58	0.74	4	IS:5182 Part-10

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Results									
Test Report No.			EL/BWD /121220-3735	EL/BWD/ 151220-3739	EL/BWD/1 71220-3749	EL/BWD/ 191220-3753	EL/BWD/ 221220-3763	STANDARD LIMIT	TEST METHOD
Environmental Conditions		:	Temp: - 24°C RH: - 64%	Temp: - 23°C RH: - 67%	Temp: - 23°C RH: -68%	Temp: - 23°C RH: - 69%	Temp: - 23°C RH: -70%		
S. NO.	PARAMETER	UNIT	RESULT (11/12/20-12/12/20)	RESULT (14/12/20-15/12/20)	RESULT (16/12/20 - 17/12/20)	RESULT (18/12/20-19/12/20)	RESULT (21/12/20 – 22/12/20)		
1.	Particulate Matter (PM_{10})	µg/m³	88.3	89.5	87.5	86.3	85.4	100	IS:5182 Part-23
2.	Particulate Matter ($PM_{2.5}$)	µg/m³	40.2	41.5	42.3	41.6	41.4	60	CPCB Guideline (Gravimetric Method)
3.	Sulphur Dioxide as SO_2	µg/m³	29.5	29.8	26.3	30.2	29.4	80	IS:5182 Part-2
4.	Nitrogen Dioxide as NO_2	µg/m³	34.4	35.5	30.5	39.9	36.0	80	IS:5182 Part-6
5.	Ozone (O_3)	µg/m³	15.1	16.8	17.9	17.1	15.5	180	IS:5182 Part-9
6.	Ammonia as NH_3	µg/m³	10.6	12.8	12.5	11.6	11.2	400	CPCB Guideline (Indophenol Method)
7.	Lead (Pb)	µg/m³	0.07	0.10	0.12	0.15	0.16	1.0	IS:5182 Part-22(AAS Method)
8.	Arsenic (As)	ng/m³	BDL	BDL	BDL	BDL	BDL	06	CPCB Guideline (AAS Method)
9.	Nickel (Ni)	ng/m³	2.12	2.28	2.35	2.22	2.24	20	CPCB Guideline (AAS Method)
10.	Benzene	µg/m³	BDL	BDL	BDL	BDL	BDL	5	IS:5182 Part-11
11.	BaP	ng/m³	BDL	BDL	BDL	BDL	BDL	1	IS:5182 Part-12
12.	Carbon Mono Oxide (CO)	mg/m³	0.95	1.10	1.18	1.29	1.08	4	IS:5182 Part-10

Note	:	BDL= Below Detection Limit

Notes: 1. The result listed above refer only to the tested samples and applicable parameters.
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Controlled Format	No. 7.8F-03
TEST REPORT	Issue Date: 02/01/2021

(Ambient Air Analysis)

Issued To.	:	M/s Honda Cars India Ltd. SPL-1, RIICO Industrial Area, Tapukara, Tehsil: Tijara, Distt-Alwar (Raj.) 301707
Sample Description	:	Ambient Air
Sampling Location	:	Admin Area
Sampling Duration	:	24 hrs.
Instrument Used	:	RDS & Fine Particulate Sampler
Sampling Done By	:	Lab Representative
Latitude	:	N 28°06'671"
Longitude	:	E 76°48'445"
Test Protocol	:	As Per Indian Standard 5182
Standard Reference Code	:	As Per CPCB Guidelines (NAAQS-2009)
Sampling Plan & Procedure	:	Plan & Procedure No. 7.3P-01

Results

Test Report No.			EL/BWD/02 1220-3715	EL/BWD/0 41220-3719	EL/BWD/08 1220-3728	EL/BWD/10 1220-3732	STANDARD LIMIT	TEST METHOD
Environmental Conditions		:	Temp: -25°C RH: - 58%	Temp: - 25°C RH: -61%	Temp: -24°C RH: - 63%	Temp: -24°C RH: - 64%		
S. NO.	PARAMETER	UNIT	RESULT (01/12/20 – 02/12/20)	RESULT (03/12/20 – 04/12/20)	RESULT (07/12/20 – 08/12/20)	RESULT (09/12/20 – 10/12/20)		
1.	Particulate Matter (PM_{10})	$\mu g/m^3$	89.5	86.2	88.8	87.5	100	IS:5182 Part-23
2.	Particulate Matter ($PM_{2.5}$)	$\mu g/m^3$	44.2	42.6	41.3	43.2	60	CPCB Guideline (Gravimetric Method)
3.	Sulphur Dioxide as SO_2	$\mu g/m^3$	28.2	28.2	29.7	30.4	80	IS:5182 Part-2
4.	Nitrogen Dioxide as NO_2	$\mu g/m^3$	34.0	31.6	38.1	36.2	80	IS:5182 Part-6
5.	Ozone (O_3)	$\mu g/m^3$	12.8	16.5	15.5	18.5	180	IS:5182 Part-9
6.	Ammonia as NH_3	$\mu g/m^3$	11.2	11.3	12.4	12.8	400	CPCB Guideline (Indophenol Method)
7.	Lead (Pb)	$\mu g/m^3$	0.08	0.11	0.14	0.12	1.0	IS:5182 Part-22(AAS Method)
8.	Arsenic (As)	ng/m^3	BDL	BDL	BDL	BDL	06	CPCB Guideline (AAS Method)
9.	Nickel (Ni)	ng/m^3	2.24	1.12	2.14	3.16	20	CPCB Guideline (AAS Method)
10.	Benzene	$\mu g/m^3$	BDL	BDL	BDL	BDL	5	IS:5182 Part-11
11.	BaP	ng/m^3	BDL	BDL	BDL	BDL	1	IS:5182 Part-12
12.	Carbon Mono Oxide (CO)	mg/m^3	0.92	0.96	0.93	0.79	4	IS:5182 Part-10

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Results									
Test Report No.			EL/BWD /121220-3736	EL/BWD/ 151220-3740	EL/BWD/1 71220-3750	EL/BWD/ 191220-3754	EL/BWD/ 221220-3764	STANDARD LIMIT	TEST METHOD
Environmental Conditions		:	Temp: - 24°C RH: - 64%	Temp: - 23°C RH: - 67%	Temp: - 23°C RH: -68%	Temp: - 23°C RH: - 69%	Temp: - 23°C RH: -70%		
S. NO.	PARAMETER	UNIT	RESULT (11/12/20-12/12/20)	RESULT (14/12/20-15/12/20)	RESULT (16/12/20 - 17/12/20)	RESULT (18/12/20-19/12/20)	RESULT (21/12/20 – 22/12/20)		
1.	Particulate Matter (PM_{10})	µg/m³	87.4	86.2	88.4	90.5	91.5	100	IS:5182 Part-23
2.	Particulate Matter ($PM_{2.5}$)	µg/m³	46.3	45.3	42.1	43.7	44.3	60	CPCB Guideline (Gravimetric Method)
3.	Sulphur Dioxide as SO_2	µg/m³	25.8	31.0	30.6	28.7	31.4	80	IS:5182 Part-2
4.	Nitrogen Dioxide as NO_2	µg/m³	32.2	38.5	37.5	32.2	37.9	80	IS:5182 Part-6
5.	Ozone (O_3)	µg/m³	16.8	17.0	19.3	16.8	16.4	180	IS:5182 Part-9
6.	Ammonia as NH_3	µg/m³	14.0	11.4	10.2	10.1	12.8	400	CPCB Guideline (Indophenol Method)
7.	Lead (Pb)	µg/m³	0.13	0.14	0.14	0.13	0.18	1.0	IS:5182 Part-22(AAS Method)
8.	Arsenic (As)	ng/m³	BDL	BDL	BDL	BDL	BDL	06	CPCB Guideline (AAS Method)
9.	Nickel (Ni)	ng/m³	3.10	3.32	2.18	3.16	2.14	20	CPCB Guideline (AAS Method)
10.	Benzene	µg/m³	BDL	BDL	BDL	BDL	BDL	5	IS:5182 Part-11
11.	BaP	ng/m³	BDL	BDL	BDL	BDL	BDL	1	IS:5182 Part-12
12.	Carbon Mono Oxide (CO)	mg/m³	1.04	1.14	1.26	1.12	1.22	4	IS:5182 Part-10

Note	:	BDL= Below Detection Limit

Notes: 1. The result listed above refer only to the tested samples and applicable parameters.

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Controlled Format	No. 7.8F-03
TEST REPORT	Issue Date: 02/01/2021

(Ambient Air Analysis)

Issued To.	:	M/s Honda Cars India Ltd. SPL-1, RIICO Industrial Area, Tapukara, Tehsil: Tijara, Distt-Alwar (Raj.) 301707
Sample Description	:	Ambient Air
Sampling Location	:	Forging Area
Sampling Duration	:	24 hrs.
Instrument Used	:	RDS & Fine Particulate Sampler
Sampling Done By	:	Lab Representative
Latitude	:	N 28°06'919"
Longitude	:	E 76°48'056"
Test Protocol	:	As Per Indian Standard 5182
Standard Reference Code	:	As Per CPCB Guidelines (NAAQS-2009)
Sampling Plan & Procedure	:	Plan & Procedure No. 7.3P-01

Results

Test Report No.			EL/BWD/02 1220-3716	EL/BWD/0 41220-3720	EL/BWD/08 1220-3729	EL/BWD/10 1220-3733	STANDARD LIMIT	TEST METHOD
Environmental Conditions		:	Temp: -25°C RH: - 58%	Temp: - 25°C RH: -61%	Temp: -24°C RH: - 63%	Temp: -24°C RH: - 64%		
S. NO.	PARAMETER	UNIT	RESULT (01/12/20 – 02/12/20)	RESULT (03/12/20 – 04/12/20)	RESULT (07/12/20 – 08/12/20)	RESULT (09/12/20 – 10/12/20)		
1.	Particulate Matter (PM_{10})	$\mu g/m^3$	90.5	88.4	89.5	91.3	100	IS:5182 Part-23
2.	Particulate Matter ($PM_{2.5}$)	$\mu g/m^3$	45.3	47.3	48.2	49.1	60	CPCB Guideline (Gravimetric Method)
3.	Sulphur Dioxide as SO_2	$\mu g/m^3$	26.2	29.4	25.8	26.8	80	IS:5182 Part-2
4.	Nitrogen Dioxide as NO_2	$\mu g/m^3$	30.5	34.4	32.0	36.0	80	IS:5182 Part-6
5.	Ozone (O_3)	$\mu g/m^3$	16.4	17.5	16.7	14.5	180	IS:5182 Part-9
6.	Ammonia as NH_3	$\mu g/m^3$	10.6	10.1	14.6	11.4	400	CPCB Guideline (Indophenol Method)
7.	Lead (Pb)	$\mu g/m^3$	0.09	0.05	0.08	0.06	1.0	IS:5182 Part-22(AAS Method)
8.	Arsenic (As)	ng/m^3	BDL	BDL	BDL	BDL	06	CPCB Guideline (AAS Method)
9.	Nickel (Ni)	ng/m^3	1.08	1.34	3.16	1.14	20	CPCB Guideline (AAS Method)
10.	Benzene	$\mu g/m^3$	BDL	BDL	BDL	BDL	5	IS:5182 Part-11
11.	BaP	ng/m^3	BDL	BDL	BDL	BDL	1	IS:5182 Part-12
12.	Carbon Mono Oxide (CO)	mg/m^3	0.82	0.62	0.76	0.68	4	IS:5182 Part-10

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Results									
Test Report No.			EL/BWD /121220-3737	EL/BWD/ 151220-3741	EL/BWD/171220-3751	EL/BWD/ 191220-3755	EL/BWD/ 221220-3765	STANDARD LIMIT	TEST METHOD
Environmental Conditions		:	Temp: - 24°C RH: - 64%	Temp: - 23°C RH: - 67%	Temp: - 23°C RH: -68%	Temp: - 23°C RH: - 69%	Temp: - 23°C RH: -70%		
S. NO.	PARAMETER	UNIT	RESULT (11/12/20-12/12/20)	RESULT (14/12/20-15/12/20)	RESULT (16/12/20 - 17/12/20)	RESULT (18/12/20-19/12/20)	RESULT (21/12/20 – 22/12/20)		
1.	Particulate Matter (PM_{10})	$\mu g/m^3$	91.6	92.3	90.8	93.1	90.1	100	IS:5182 Part-23
2.	Particulate Matter ($PM_{2.5}$)	$\mu g/m^3$	42.1	43.6	40.5	41.6	41.7	60	CPCB Guideline (Gravimetric Method)
3.	Sulphur Dioxide as SO_2	$\mu g/m^3$	29.2	32.1	29.0	29.8	30.8	80	IS:5182 Part-2
4.	Nitrogen Dioxide as NO_2	$\mu g/m^3$	38.7	34.4	36.6	36.4	35.2	80	IS:5182 Part-6
5.	Ozone (O_3)	$\mu g/m^3$	17.2	16.3	14.7	18.5	17.7	180	IS:5182 Part-9
6.	Ammonia as NH_3	$\mu g/m^3$	13.8	13.6	11.2	12.3	10.2	400	CPCB Guideline (Indophenol Method)
7.	Lead (Pb)	$\mu g/m^3$	0.10	0.11	0.10	0.14	0.21	1.0	IS:5182 Part-22(AAS Method)
8.	Arsenic (As)	ng/m^3	BDL	BDL	BDL	BDL	BDL	06	CPCB Guideline (AAS Method)
9.	Nickel (Ni)	ng/m^3	1.26	1.26	3.16	3.22	3.18	20	CPCB Guideline (AAS Method)
10.	Benzene	$\mu g/m^3$	BDL	BDL	BDL	BDL	BDL	5	IS:5182 Part-11
11.	BaP	ng/m^3	BDL	BDL	BDL	BDL	BDL	1	IS:5182 Part-12
12.	Carbon Mono Oxide (CO)	mg/m^3	1.01	1.12	1.10	1.25	1.14	4	IS:5182 Part-10

Notes: 1. The result listed above refer only to the tested samples and applicable parameters.
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Under the Environment Protection Act 1986

Controlled Format	No. 7.8F-03
TEST REPORT	Issue Date: 01/02/2021

(Ambient Air Analysis)

Issued To.	:	M/s Honda Cars India Ltd. SPL-1, RIICO Industrial Area, Tapukara, Tehsil: Tijara, Distt-Alwar (Raj.) 301707
Sample Description	:	Ambient Air
Sampling Location	:	ETB Area
Sampling Duration	:	24 hrs.
Instrument Used	:	RDS & Fine Particulate Sampler
Sampling Done By	:	Lab Representative
Latitude	:	N 28°07'1931"
Longitude	:	E 76°48'417"
Test Protocol	:	As Per Indian Standard 5182
Standard Reference Code	:	As Per CPCB Guidelines (NAAQS-2009)
Sampling Plan & Procedure	:	Plan & Procedure No. 7.3P-01

Results

Test Report No.		:	EL/BWD/05 0121-312	EL/BWD/07 0121-316	EL/BWD/09 0121-321	EL/BWD/12 0121-325	STANDARD LIMIT	TEST METHOD
Environmental Conditions		:	Temp: -20°C RH: - 71%	Temp: -19°C RH: -67%	Temp: -18°C RH: - 74%	Temp: -18°C RH: - 70%		
S. NO.	PARAMETER	UNIT	RESULT (04/01/21 – 05/01/21)	RESULT (06/01/21 – 07/01/21)	RESULT (08/01/21 – 09/01/21)	RESULT (11/01/21 – 12/01/21)		
1.	Particulate Matter (PM_{10})	µg/m³	88.4	91.5	90.4	88.0	100	IS:5182 Part-23
2.	Particulate Matter ($PM_{2.5}$)	µg/m³	44	45.1	42.2	41.7	60	CPCB Guideline (Gravimetric Method)
3.	Sulphur Dioxide as SO_2	µg/m³	32.8	36.3	26.0	29.4	80	IS:5182 Part-2
4.	Nitrogen Dioxide as NO_2	µg/m³	36.7	38.5	32.8	33.2	80	IS:5182 Part-6
5.	Ozone (O_3)	µg/m³	14.2	15.8	20.5	18.3	180	IS:5182 Part-9
6.	Ammonia as NH_3	µg/m³	11.0	12.9	14.1	13.5	400	CPCB Guideline (Indophenol Method)
7.	Lead (Pb)	µg/m³	0.27	0.24	0.15	0.026	1.0	IS:5182 Part-22(AAS Method)
8.	Arsenic (As)	ng/m³	BDL	BDL	BDL	BDL	06	CPCB Guideline (AAS Method)
9.	Nickel (Ni)	ng/m³	1.35	1.37	1.28	1.70	20	CPCB Guideline (AAS Method)
10.	Benzene	µg/m³	BDL	BDL	BDL	BDL	5	IS:5182 Part-11
11.	BaP	ng/m³	BDL	BDL	BDL	BDL	1	IS:5182 Part-12
12.	Carbon Monó Oxide (CO)	mg/m³	0.61	0.66	0.67	0.79	4	IS:5182 Part-10

S - 2 & 3, Phase - II, (Near Dee Pharma) Indl. Area, Bhiwadi - 301019, Distt. Alwar (Raj.)

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Results									
Test Report No.		:	EL/BWD /160121-343	EL/BWD/190121-355	EL/BWD/ 230121-367	EL/BWD/ 280121-371	EL/BWD/ 300121-378	STANDARD LIMIT	TEST METHOD
Environmental Conditions		:	Temp: - 17°C RH: -78%	Temp: - 18°C RH: -66%	Temp: - 18°C RH: - 62%	Temp: - 19°C RH: - 68%	Temp: - 18°C RH: -61%		
S. NO.	PARAMETER	UNIT	RESULT (15/01/21-16/01/21)	RESULT (18/01/21-19/01/21)	RESULT (22/01/21 -23/01/21)	RESULT (27/01/21-28/01/21)	RESULT (29/01/21 – 30/01/21)		
1.	Particulate Matter (PM_{10})	$\mu g/m^3$	87.5	85.7	89.4	90.2	88.4	100	IS:5182 Part-23
2.	Particulate Matter ($PM_{2.5}$)	$\mu g/m^3$	42.0	45.0	41.9	43.9	44.7	60	CPCB Guideline (Gravimetric Method)
3.	Sulphur Dioxide as SO_2	$\mu g/m^3$	28.4	30.7	24.8	27.2	29.2	80	IS:5182 Part-2
4.	Nitrogen Dioxide as NO_2	$\mu g/m^3$	31.8	35.4	29.0	34.3	34.1	80	IS:5182 Part-6
5.	Ozone (O_3)	$\mu g/m^3$	15.6	15.1	20.3	18.3	18.4	180	IS:5182 Part-9
6.	Ammonia as NH_3	$\mu g/m^3$	12.3	12.5	14.9	14.1	13.5	400	CPCB Guideline (Indophenol Method)
7.	Lead (Pb)	$\mu g/m^3$	0.30	0.25	0.20	0.18	0.16	1.0	IS:5182 Part-22(AAS Method)
8.	Arsenic (As)	ng/m^3	BDL	BDL	BDL	BDL	BDL	06	CPCB Guideline (AAS Method)
9.	Nickel (Ni)	ng/m^3	1.86	1.90	1.30	1.42	1.28	20	CPCB Guideline (AAS Method)
10.	Benzene	$\mu g/m^3$	BDL	BDL	BDL	BDL	BDL	5	IS:5182 Part-11
11.	BaP	ng/m^3	BDL	BDL	BDL	BDL	BDL	1	IS:5182 Part-12
12.	Carbon Mono Oxide (CO)	mg/m^3	0.88	0.67	0.76	0.81	0.85	4	IS:5182 Part-10

Note	:	BDL= Below Detection Limit

Notes: 1. The result listed above refer only to the tested samples and applicable parameters.

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Analyzed By

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Controlled Format	No. 7.8F-03
TEST REPORT	Issue Date: 01/02/2021

(Ambient Air Analysis)

Issued To.	:	M/s Honda Cars India Ltd. SPL-1, RIICO Industrial Area, Tapukara, Tehsil: Tijara, Distt-Alwar (Raj.) 301707
Sample Description	:	Ambient Air
Sampling Location	:	QE Area
Sampling Duration	:	24 hrs.
Instrument Used	:	RDS & Fine Particulate Sampler
Sampling Done By	:	Lab Representative
Latitude	:	N 28°06'902"
Longitude	:	E 76°48'804"
Test Protocol	:	As Per Indian Standard 5182
Standard Reference Code	:	As Per CPCB Guidelines (NAAQS-2009)
Sampling Plan & Procedure	:	Plan & Procedure No. 7.3P-01

Results

Test Report No.		:	EL/BWD/050121-314	EL/BWD/070121-317	EL/BWD/090121-322	EL/BWD/120121-326	STANDARD LIMIT	TEST METHOD
Environmental Conditions		:	Temp: -20°C RH: - 71%	Temp: - 19°C RH: -67%	Temp: -18°C RH: - 74%	Temp: -18°C RH: - 70%		
S. NO.	PARAMETER	UNIT	RESULT (04/01/21 – 05/01/21)	RESULT (06/01/21 – 07/01/21)	RESULT (08/01/21 – 09/01/21)	RESULT (11/01/21 – 12/01/21)		
1.	Particulate Matter (PM_{10})	$\mu g/m^3$	83.4	86.4	87.4	88.7	100	IS:5182 Part-23
2.	Particulate Matter ($PM_{2.5}$)	$\mu g/m^3$	45.1	42.2	42.7	44.1	60	CPCB Guideline (Gravimetric Method)
3.	Sulphur Dioxide as SO_2	$\mu g/m^3$	32.4	28.4	25.1	29.5	80	IS:5182 Part-2
4.	Nitrogen Dioxide as NO_2	$\mu g/m^3$	34.7	31.7	30.3	34.0	80	IS:5182 Part-6
5.	Ozone (O_3)	$\mu g/m^3$	15.1	18.4	19.5	16.0	180	IS:5182 Part-9
6.	Ammonia as NH_3	$\mu g/m^3$	12.4	14.2	15.1	12.9	400	CPCB Guideline (Indophenol Method)
7.	Lead (Pb)	$\mu g/m^3$	0.17	0.15	0.11	0.14	1.0	IS:5182 Part-22(AAS Method)
8.	Arsenic (As)	ng/m^3	BDL	BDL	BDL	BDL	06	CPCB Guideline (AAS Method)
9.	Nickel (Ni)	ng/m^3	1.22	2.10	2.20	2.05	20	CPCB Guideline (AAS Method)
10.	Benzene	$\mu g/m^3$	BDL	BDL	BDL	BDL	5	IS:5182 Part-11
11.	BaP	ng/m^3	BDL	BDL	BDL	BDL	1	IS:5182 Part-12
12.	Carbon Mono Oxide (CO)	mg/m^3	1.05	0.72	0.65	0.70	4	IS:5182 Part-10

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Test Report No.			EL/BWD /160121-344	EL/BWD/ 190121-356	EL/BWD/230121-368	EL/BWD/ 280121-372	EL/BWD/ 300121-379	STANDARD LIMIT	TEST METHOD
Environmental Conditions		:	Temp: - 17°C RH: - 78%	Temp: - 18°C RH: - 66%	Temp: - 18°C RH: -62%	Temp: - 19°C RH: - 68%	Temp: - 18°C RH: -61%		
S. NO.	PARAMETER	UNIT	RESULT (15/01/21-16/01/21)	RESULT (18/01/21-19/01/21)	RESULT (22/01/21 - 23/01/21)	RESULT (27/01/21-28/01/21)	RESULT (29/01/21 – 30/01/21)		
1.	Particulate Matter (PM_{10})	µg/m³	89.3	88.4	87.5	88.5	86.4	100	IS:5182 Part-23
2.	Particulate Matter ($PM_{2.5}$)	µg/m³	43.5	44.5	45.1	46.2	42.1	60	CPCB Guideline (Gravimetric Method)
3.	Sulphur Dioxide as SO_2	µg/m³	30.2	30.8	27.4	28.2	31.4	80	IS:5182 Part-2
4.	Nitrogen Dioxide as NO_2	µg/m³	34.8	36.4	32.2	35.1	33.0	80	IS:5182 Part-6
5.	Ozone (O_3)	µg/m³	14.2	15.4	16.8	18.5	16.4	180	IS:5182 Part-9
6.	Ammonia as NH_3	µg/m³	11.6	13.7	14.2	15.1	12.4	400	CPCB Guideline (Indophenol Method)
7.	Lead (Pb)	µg/m³	0.10	0.14	0.11	0.13	0.17	1.0	IS:5182 Part-22(AAS Method)
8.	Arsenic (As)	ng/m³	BDL	BDL	BDL	BDL	BDL	06	CPCB Guideline (AAS Method)
9.	Nickel (Ni)	ng/m³	2.05	2.21	2.30	2.15	2.22	20	CPCB Guideline (AAS Method)
10.	Benzene	µg/m³	BDL	BDL	BDL	BDL	BDL	5	IS:5182 Part-11
11.	BaP	ng/m³	BDL	BDL	BDL	BDL	BDL	1	IS:5182 Part-12
12.	Carbon Mono Oxide (CO)	mg/m³	0.99	1.18	1.31	1.40	1.16	4	IS:5182 Part-10

Note : **BDL= Below Detection Limit**

Notes: 1. The result listed above refer only to the tested samples and applicable parameters.

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Controlled Format	No. 7.8F-03
TEST REPORT	Issue Date: 01/02/2021

(Ambient Air Analysis)

Issued To.	:	M/s Honda Cars India Ltd. SPL-1, RIICO Industrial Area, Tapukara, Tehsil: Tijara, Distt-Alwar (Raj.) 301707
Sample Description	:	Ambient Air
Sampling Location	:	Admin Area
Sampling Duration	:	24 hrs.
Instrument Used	:	RDS & Fine Particulate Sampler
Sampling Done By	:	Lab Representative
Latitude	:	N 28°06'671"
Longitude	:	E 76°48'445"
Test Protocol	:	As Per Indian Standard 5182
Standard Reference Code	:	As Per CPCB Guidelines (NAAQS-2009)
Sampling Plan & Procedure	:	Plan & Procedure No. 7.3P-01

Results

Test Report No.			EL/BWD/050121-315	EL/BWD/070121-318	EL/BWD/090121-323	EL/BWD/120121-327	STANDARD LIMIT	TEST METHOD
Environmental Conditions		:	Temp: -20°C RH: - 71%	Temp: - 19°C RH: -67%	Temp: -18°C RH: - 74%	Temp: -18°C RH: - 70%		
S. NO.	PARAMETER	UNIT	RESULT (04/01/21 – 05/01/21)	RESULT (06/01/21 – 07/01/21)	RESULT (08/01/21 – 09/01/21)	RESULT (11/01/21 – 12/01/21)		
1.	Particulate Matter (PM_{10})	$\mu g/m^3$	92.7	87.4	86.7	88.0	100	IS:5182 Part-23
2.	Particulate Matter ($PM_{2.5}$)	$\mu g/m^3$	43.4	42.5	41.6	45.1	60	CPCB Guideline (Gravimetric Method)
3.	Sulphur Dioxide as SO_2	$\mu g/m^3$	28.4	30.5	32.1	33.7	80	IS:5182 Part-2
4.	Nitrogen Dioxide as NO_2	$\mu g/m^3$	36.1	34.2	37.4	38.9	80	IS:5182 Part-6
5.	Ozone (O_3)	$\mu g/m^3$	14.7	15.1	15.9	16.3	180	IS:5182 Part-9
6.	Ammonia as NH_3	$\mu g/m^3$	12.4	11.9	13.5	13.0	400	CPCB Guideline (Indophenol Method)
7.	Lead (Pb)	$\mu g/m^3$	0.09	0.15	0.20	0.18	1.0	IS:5182 Part-22(AAS Method)
8.	Arsenic (As)	ng/m^3	BDL	BDL	BDL	BDL	06	CPCB Guideline (AAS Method)
9.	Nickel (Ni)	ng/m^3	2.32	1.20	2.05	2.98	20	CPCB Guideline (AAS Method)
10.	Benzene	$\mu g/m^3$	BDL	BDL	BDL	BDL	5	IS:5182 Part-11
11.	BaP	ng/m^3	BDL	BDL	BDL	BDL	1	IS:5182 Part-12
12.	Carbon Mono Oxide (CO)	mg/m^3	0.99	0.90	0.88	0.81	4	IS:5182 Part-10

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Results									
Test Report No.			EL/BWD /160121-345	EL/BWD/ 190121-357	EL/BWD/230121-369	EL/BWD/ 280121-373	EL/BWD/ 300121-380	STANDARD LIMIT	TEST METHOD
Environmental Conditions		:	Temp: - 17°C RH: - 78%	Temp: - 18°C RH: - 66%	Temp: - 18°C RH: -62%	Temp: - 19°C RH: - 68%	Temp: - 18°C RH: -61%		
S. NO.	PARAMETER	UNIT	RESULT (15/01/21-16/01/21)	RESULT (18/01/21-19/01/21)	RESULT (22/01/21 - 23/01/21)	RESULT (27/01/21-28/01/21)	RESULT (29/01/21 – 30/01/21)		
1.	Particulate Matter (PM_{10})	µg/m³	89.4	88.6	87.4	85.7	88.5	100	IS:5182 Part-23
2.	Particulate Matter ($PM_{2.5}$)	µg/m³	43.0	42.4	45.1	42.5	44.3	60	CPCB Guideline (Gravimetric Method)
3.	Sulphur Dioxide as SO_2	µg/m³	28.4	32.6	31.9	30.5	33.4	80	IS:5182 Part-2
4.	Nitrogen Dioxide as NO_2	µg/m³	33.5	36.1	35.5	34.9	39.0	80	IS:5182 Part-6
5.	Ozone (O_3)	µg/m³	16.1	17.4	18.1	19.2	18.5	180	IS:5182 Part-9
6.	Ammonia as NH_3	µg/m³	14.5	13.7	14.0	15.3	11.9	400	CPCB Guideline (Indophenol Method)
7.	Lead (Pb)	µg/m³	0.15	0.18	0.11	0.14	0.16	1.0	IS:5182 Part-22(AAS Method)
8.	Arsenic (As)	ng/m³	BDL	BDL	BDL	BDL	BDL	06	CPCB Guideline (AAS Method)
9.	Nickel (Ni)	ng/m³	2.90	3.08	2.32	3.01	2.25	20	CPCB Guideline (AAS Method)
10.	Benzene	µg/m³	BDL	BDL	BDL	BDL	BDL	5	IS:5182 Part-11
11.	BaP	ng/m³	BDL	BDL	BDL	BDL	BDL	1	IS:5182 Part-12
12.	Carbon Mono Oxide (CO)	mg/m³	1.12	1.20	1.21	1.15	1.19	4	IS:5182 Part-10

Note	:	BDL= Below Detection Limit

Notes: 1. The result listed above refer only to the tested samples and applicable parameters.
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Controlled Format	No. 7.8F-03
TEST REPORT	Issue Date: 01/02/2021

(Ambient Air Analysis)

Issued To.	:	M/s Honda Cars India Ltd. SPL-1, RIICO Industrial Area, Tapukara, Tehsil: Tijara, Distt-Alwar (Raj.) 301707
Sample Description	:	Ambient Air
Sampling Location	:	Forging Area
Sampling Duration	:	24 hrs.
Instrument Used	:	RDS & Fine Particulate Sampler
Sampling Done By	:	Lab Representative
Latitude	:	N 28°06'919"
Longitude	:	E 76°48'056"
Test Protocol	:	As Per Indian Standard 5182
Standard Reference Code	:	As Per CPCB Guidelines (NAAQS-2009)
Sampling Plan & Procedure	:	Plan & Procedure No. 7.3P-01

Results

Test Report No.			EL/BWD/05 0121-316	EL/BWD/0 70121-319	EL/BWD/09 0121-324	EL/BWD/12 0121-328	STANDARD LIMIT	TEST METHOD
Environmental Conditions		:	Temp: -20°C RH: - 71%	Temp: - 19°C RH: -67%	Temp: -18°C RH: - 74%	Temp: -18°C RH: - 70%		
S. NO.	PARAMETER	UNIT	RESULT (04/01/21 – 05/01/21)	RESULT (06/01/21 – 07/01/21)	RESULT (08/01/21 – 09/01/21)	RESULT (11/01/21 – 12/01/21)		
1.	Particulate Matter (PM_{10})	$\mu g/m^3$	89.5	88.4	87.5	86.7	100	IS:5182 Part-23
2.	Particulate Matter ($PM_{2.5}$)	$\mu g/m^3$	44.6	45.3	42.2	46.5	60	CPCB Guideline (Gravimetric Method)
3.	Sulphur Dioxide as SO_2	$\mu g/m^3$	28.4	32.2	26.7	28.4	80	IS:5182 Part-2
4.	Nitrogen Dioxide as NO_2	$\mu g/m^3$	32.3	36.8	30.0	33.3	80	IS:5182 Part-6
5.	Ozone (O_3)	$\mu g/m^3$	18.6	19.1	17.0	15.5	180	IS:5182 Part-9
6.	Ammonia as NH_3	$\mu g/m^3$	12.1	14.5	13.0	10.5	400	CPCB Guideline (Indophenol Method)
7.	Lead (Pb)	$\mu g/m^3$	0.11	0.06	0.09	0.11	1.0	IS:5182 Part-22(AAS Method)
8.	Arsenic (As)	ng/m^3	BDL	BDL	BDL	BDL	06	CPCB Guideline (AAS Method)
9.	Nickel (Ni)	ng/m^3	1.11	1.28	3.05	1.24	20	CPCB Guideline (AAS Method)
10.	Benzene	$\mu g/m^3$	BDL	BDL	BDL	BDL	5	IS:5182 Part-11
11.	BaP	ng/m^3	BDL	BDL	BDL	BDL	1	IS:5182 Part-12
12.	Carbon Mono Oxide (CO)	mg/m^3	0.88	0.68	0.80	0.72	4	IS:5182 Part-10

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Test Report No.			Results						
			EL/BWD /160121-346	EL/BWD/ 190121-358	EL/BWD/2 30121-370	EL/BWD/ 280121-374	EL/BWD/ 300121-381	STANDARD LIMIT	TEST METHOD
Environmental Conditions		:	Temp: - 17°C RH: - 78%	Temp: - 18°C RH: - 66%	Temp: - 18°C RH: -62%	Temp: - 19°C RH: - 68%	Temp: - 18°C RH: -61%		
S. NO.	PARAMETER	UNIT	RESULT (15/01/21-16/01/21)	RESULT (18/01/21-19/01/21)	RESULT (22/01/21 - 23/01/21)	RESULT (27/01/21-28/01/21)	RESULT (29/01/21 – 30/01/21)		
1.	Particulate Matter (PM_{10})	µg/m³	88.3	89.4	90.1	91.2	87.4	100	IS:5182 Part-23
2.	Particulate Matter ($PM_{2.5}$)	µg/m³	85.5	86.2	82.4	87.5	89.1	60	CPCB Guideline (Gravimetric Method)
3.	Sulphur Dioxide as SO_2	µg/m³	30.6	34.1	32.4	30.5	28.4	80	IS:5182 Part-2
4.	Nitrogen Dioxide as NO_2	µg/m³	35.1	38.5	35.9	33.8	31.7	80	IS:5182 Part-6
5.	Ozone (O_3)	µg/m³	18.5	19.3	15.1	16.4	17.3	180	IS:5182 Part-9
6.	Ammonia as NH_3	µg/m³	14.2	15.6	12.4	12.8	13.9	400	CPCB Guideline (Indophenol Method)
7.	Lead (Pb)	µg/m³	0.11	0.14	0.16	0.12	0.09	1.0	IS:5182 Part-22(AAS Method)
8.	Arsenic (As)	ng/m³	BDL	BDL	BDL	BDL	BDL	06	CPCB Guideline (AAS Method)
9.	Nickel (Ni)	ng/m³	1.34	1.40	3.05	3.12	3.15	20	CPCB Guideline (AAS Method)
10.	Benzene	µg/m³	BDL	BDL	BDL	BDL	BDL	5	IS:5182 Part-11
11.	BaP	ng/m³	BDL	BDL	BDL	BDL	BDL	1	IS:5182 Part-12
12.	Carbon Mono Oxide (CO)	mg/m³	1.10	1.16	1.19	1.37	1.20	4	IS:5182 Part-10

Notes: 1. The result listed above refer only to the tested samples and applicable parameters.
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Analyzed By

Authorized By

ENVIRO LAB BHIWADI

S - 2 & 3, Phase - II, (Near Dee Pharma) Indl. Area, Bhiwadi - 301019, Distt. Alwar (Raj.)

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Controlled Format	No. 7.8F-03
TEST REPORT	Issue Date: 01/03/2021

(Ambient Air Analysis)

Issued To.	:	M/s Honda Cars India Ltd. SPL-1, RIICO Industrial Area, Tapukara, Tehsil: Tijara, Distt-Alwar (Raj.) 301707
Sample Description	:	Ambient Air
Sampling Location	:	ETB Area
Sampling Duration	:	24 hrs.
Instrument Used	:	RDS & Fine Particulate Sampler
Sampling Done By	:	Lab Representative
Latitude	:	N 28°07'1931"
Longitude	:	E 76°48'417"
Test Protocol	:	As Per Indian Standard 5182
Standard Reference Code	:	As Per CPCB Guidelines (NAAQS-2009)
Sampling Plan & Procedure	:	Plan & Procedure No. 7.3P-01

Results

Test Report No.		:	EL/BWD/02 0221-771	EL/BWD/04 0221-775	EL/BWD/06 0221-779	EL/BWD/09 0221-783	STANDARD LIMIT	TEST METHOD
Environmental Conditions		:	Temp: -24°C RH: - 61%	Temp: -24°C RH: -60%	Temp: -20°C RH: - 65%	Temp: -23°C RH: - 55%		
S. NO.	PARAMETER	UNIT	RESULT (01/02/21 – 02/02/21)	RESULT (03/02/21 – 04/02/21)	RESULT (05/02/21 – 06/02/21)	RESULT (08/02/21 – 09/02/21)		
1.	Particulate Matter (PM_{10})	$\mu g/m^3$	89.2	90.3	88.2	89.9	100	IS:5182 Part-23
2.	Particulate Matter ($PM_{2.5}$)	$\mu g/m^3$	43.2	44.1	42.5	45.9	60	IS:5182 Part-24
3.	Sulphur Dioxide as SO_2	$\mu g/m^3$	31.5	35.4	28.2	30.5	80	IS:5182 Part-2
4.	Nitrogen Dioxide as NO_2	$\mu g/m^3$	37.4	39.1	34.5	35.6	80	IS:5182 Part-6
5.	Ozone (O_3)	$\mu g/m^3$	14.8	15.9	21.6	19.8	180	IS:5182 Part-9
6.	Ammonia as NH_3	$\mu g/m^3$	13.0	12.5	14.7	14.2	400	CPCB Guideline (Indophenol Method)
7.	Lead (Pb)	$\mu g/m^3$	0.25	0.25	0.18	0.22	1.0	IS:5182 Part-22(AAS Method)
8.	Arsenic (As)	ng/m^3	BDL	BDL	BDL	BDL	06	CPCB Guideline (AAS Method)
9.	Nickel (Ni)	ng/m^3	1.42	1.45	1.36	1.62	20	CPCB Guideline (AAS Method)
10.	Benzene	$\mu g/m^3$	BDL	BDL	BDL	BDL	5	IS:5182 Part-11
11.	BaP	ng/m^3	BDL	BDL	BDL	BDL	1	IS:5182 Part-12
12.	Carbon Mono Oxide (CO)	mg/m^3	0.65	0.71	0.69	0.81	4	IS:5182 Part-10

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Results									
Test Report No.		:	EL/BWD /110221-787	EL/BWD/130221-799	EL/BWD/160221-809	EL/BWD/200221-819	EL/BWD/230221-823	STANDARD LIMIT	TEST METHOD
Environmental Conditions		:	Temp: - 24°C RH: -52%	Temp: - 24°C RH: -51%	Temp: - 27°C RH: - 48%	Temp: - 24°C RH: - 50%	Temp: - 30°C RH: -42%		
S. NO.	PARAMETER	UNIT	RESULT (10/02/21-11/02/21)	RESULT (12/02/21-13/02/21)	RESULT (15/02/21 -16/02/21)	RESULT (19/02/21-20/02/21)	RESULT (22/02/21 – 23/02/21)		
1.	Particulate Matter (PM_{10})	µg/m³	88.4	89.3	90.1	87.5	91.4	100	IS:5182 Part-23
2.	Particulate Matter ($PM_{2.5}$)	µg/m³	41.5	42.5	43.5	40.2	45	60	IS:5182 Part-24
3.	Sulphur Dioxide as SO_2	µg/m³	29.1	32.4	26.7	29.4	31.7	80	IS:5182 Part-2
4.	Nitrogen Dioxide as NO_2	µg/m³	32.4	36.2	31.7	35.4	36.9	80	IS:5182 Part-6
5.	Ozone (O_3)	µg/m³	16.2	15.8	22.4	20.6	21.6	180	IS:5182 Part-9
6.	Ammonia as NH_3	µg/m³	14.2	13.2	15.4	16.4	14.2	400	CPCB Guideline (Indophenol Method)
7.	Lead (Pb)	µg/m³	0.35	0.28	0.25	0.22	0.20	1.0	IS:5182 Part-22(AAS Method)
8.	Arsenic (As)	ng/m³	BDL	BDL	BDL	BDL	BDL	06	CPCB Guideline (AAS Method)
9.	Nickel (Ni)	ng/m³	1.72	1.88	1.42	1.40	1.35	20	CPCB Guideline (AAS Method)
10.	Benzene	µg/m³	BDL	BDL	BDL	BDL	BDL	5	IS:5182 Part-11
11.	BaP	ng/m³	BDL	BDL	BDL	BDL	BDL	1	IS:5182 Part-12
12.	Carbon Mono Oxide (CO)	mg/m³	0.90	0.72	0.74	0.79	0.82	4	IS:5182 Part-10

Note	:	BDL= Below Detection Limit

Notes: 1. The result listed above refer only to the tested samples and applicable parameters.
2. Remnants sample will be destroyed after 20 days from the date of receipt of sample.
3. Complaints, if any, about this report should be communicated within seven (07) days of the issue of this report.
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Under the Environment Protection Act 1986

Controlled Format | No. 7.8F-03

TEST REPORT | Issue Date: 01/03/2021

(Ambient Air Analysis)

Issued To.	:	M/s Honda Cars India Ltd. SPL-1, RIICO Industrial Area, Tapukara, Tehsil: Tijara, Distt-Alwar (Raj.) 301707
Sample Description	:	Ambient Air
Sampling Location	:	Admin Area
Sampling Duration	:	24 hrs.
Instrument Used	:	RDS & Fine Particulate Sampler
Sampling Done By	:	Lab Representative
Latitude	:	N 28°06'671"
Longitude	:	E 76°48'445"
Test Protocol	:	As Per Indian Standard 5182
Standard Reference Code	:	As Per CPCB Guidelines (NAAQS-2009)
Sampling Plan & Procedure	:	Plan & Procedure No. 7.3P-01

Results

Test Report No.			EL/BWD/020221-773	EL/BWD/040221-777	EL/BWD/060221-781	EL/BWD/090221-785	STANDARD LIMIT	TEST METHOD
Environmental Conditions		:	Temp: -24°C RH: - 61%	Temp: - 24°C RH: -60%	Temp: -20°C RH: - 65%	Temp: -23°C RH: - 55%		
S. NO.	PARAMETER	UNIT	RESULT (01/02/21 – 02/02/21)	RESULT (03/02/21 – 04/02/21)	RESULT (05/02/21 – 06/02/21)	RESULT (08/02/21 – 09/02/21)		
1.	Particulate Matter (PM_{10})	µg/m³	90.3	91.6	89.5	92.5	100	IS:5182 Part-23
2.	Particulate Matter ($PM_{2.5}$)	µg/m³	42.3	41.3	40.5	43.7	60	IS:5182 Part-24
3.	Sulphur Dioxide as SO_2	µg/m³	32.4	29.1	33.9	35.1	80	IS:5182 Part-2
4.	Nitrogen Dioxide as NO_2	µg/m³	37.1	33.6	39.1	40.2	80	IS:5182 Part-6
5.	Ozone (O_3)	µg/m³	15.6	16.4	15.8	16.0	180	IS:5182 Part-9
6.	Ammonia as NH_3	µg/m³	12.9	11.4	14.2	13.8	400	CPCB Guideline (Indophenol Method)
7.	Lead (Pb)	µg/m³	0.11	0.14	0.18	0.15	1.0	IS:5182 Part-22(AAS Method)
8.	Arsenic (As)	ng/m³	BDL	BDL	BDL	BDL	06	CPCB Guideline (AAS Method)
9.	Nickel (Ni)	ng/m³	2.15	1.24	2.16	2.90	20	CPCB Guideline (AAS Method)
10.	Benzene	µg/m³	BDL	BDL	BDL	BDL	5	IS:5182 Part-11
11.	BaP	ng/m³	BDL	BDL	BDL	BDL	1	IS:5182 Part-12
12.	Carbon Mono Oxide (CO)	mg/m³	0.95	0.92	0.85	0.82	4	IS:5182 Part-10

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Results									
Test Report No.			EL/BWD /110221-789	EL/BWD/ 130221-801	EL/BWD/160221-811	EL/BWD/ 200221-821	EL/BWD/ 230221-825	STANDARD LIMIT	TEST METHOD
Environmental Conditions		:	Temp: - 24°C RH: - 52%	Temp: - 24°C RH: - 51%	Temp: - 27°C RH: -48%	Temp: - 24°C RH: - 50%	Temp: - 30°C RH: -42%		
S. NO.	PARAMETER	UNIT	RESULT (10/02/21-11/02/21)	RESULT (12/02/21-13/02/21)	RESULT (15/02/21 - 16/02/21)	RESULT (19/02/21-20/02/21)	RESULT (22/02/21 – 23/02/21)		
1.	Particulate Matter (PM_{10})	µg/m³	89.5	87.2	88.1	90.5	91.1	100	IS:5182 Part-23
2.	Particulate Matter ($PM_{2.5}$)	µg/m³	40.5	41.9	42.3	43.9	44.7	60	IS:5182 Part-24
3.	Sulphur Dioxide as SO_2	µg/m³	29.7	33.2	32.4	31.9	35.1	80	IS:5182 Part-2
4.	Nitrogen Dioxide as NO_2	µg/m³	35.1	38.4	37.1	35.1	40.2	80	IS:5182 Part-6
5.	Ozone (O_3)	µg/m³	17.9	18.2	18.5	19.6	18.7	180	IS:5182 Part-9
6.	Ammonia as NH_3	µg/m³	14.9	14.5	13.8	15.7	12.4	400	CPCB Guideline (Indophenol Method)
7.	Lead (Pb)	µg/m³	0.17	0.19	0.16	0.12	0.15	1.0	IS:5182 Part-22(AAS Method)
8.	Arsenic (As)	ng/m³	BDL	BDL	BDL	BDL	BDL	06	CPCB Guideline (AAS Method)
9.	Nickel (Ni)	ng/m³	2.85	2.91	2.42	2.81	2.20	20	CPCB Guideline (AAS Method)
10.	Benzene	µg/m³	BDL	BDL	BDL	BDL	BDL	5	IS:5182 Part-11
11.	BaP	ng/m³	BDL	BDL	BDL	BDL	BDL	1	IS:5182 Part-12
12.	Carbon Mono Oxide (CO)	mg/m³	1.05	1.05	1.06	1.22	1.09	4	IS:5182 Part-10

Note	:	BDL= Below Detection Limit

Notes: 1. The result listed above refer only to the tested samples and applicable parameters.
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Controlled Format | No. 7.8F-03

TEST REPORT

Issue Date: 01/03/2021

(Ambient Air Analysis)

Issued To.	:	M/s Honda Cars India Ltd. SPL-1, RIICO Industrial Area, Tapukara, Tehsil: Tijara, Distt-Alwar (Raj.) 301707
Sample Description	:	Ambient Air
Sampling Location	:	Forging Area
Sampling Duration	:	24 hrs.
Instrument Used	:	RDS & Fine Particulate Sampler
Sampling Done By	:	Lab Representative
Latitude	:	N 28°06'919"
Longitude	:	E 76°48'056"
Test Protocol	:	As Per Indian Standard 5182
Standard Reference Code	:	As Per CPCB Guidelines (NAAQS-2009)
Sampling Plan & Procedure	:	Plan & Procedure No. 7.3P-01

Results

Test Report No.			EL/BWD/02 0221-774	EL/BWD/0 40221-778	EL/BWD/06 0221-782	EL/BWD/09 0221-786	STANDARD LIMIT	TEST METHOD
Environmental Conditions		:	Temp: -24°C RH: - 61%	Temp: - 24°C RH: -60%	Temp: -20°C RH: - 65%	Temp: -23°C RH: - 55%		
S. NO.	PARAMETER	UNIT	RESULT (01/02/21 – 02/02/21)	RESULT (03/02/21 – 04/02/21)	RESULT (05/02/21 – 06/02/21)	RESULT (08/02/21 – 09/02/21)		
1.	Particulate Matter (PM_{10})	$\mu g/m^3$	89.5	88.1	91.1	93.6	100	IS:5182 Part-23
2.	Particulate Matter ($PM_{2.5}$)	$\mu g/m^3$	42.1	44.5	41.1	39.2	60	IS:5182 Part-24
3.	Sulphur Dioxide as SO_2	$\mu g/m^3$	27.1	31.4	25.1	27.4	80	IS:5182 Part-2
4.	Nitrogen Dioxide as NO_2	$\mu g/m^3$	30.5	33.2	29.4	31.7	80	IS:5182 Part-6
5.	Ozone (O_3)	$\mu g/m^3$	17.1	18.4	18.9	14.9	180	IS:5182 Part-9
6.	Ammonia as NH_3	$\mu g/m^3$	13.4	14.0	13.7	10.9	400	CPCB Guideline (Indophenol Method)
7.	Lead (Pb)	$\mu g/m^3$	0.14	0.08	0.10	0.14	1.0	IS:5182 Part-22(AAS Method)
8.	Arsenic (As)	ng/m^3	BDL	BDL	BDL	BDL	06	CPCB Guideline (AAS Method)
9.	Nickel (Ni)	ng/m^3	1.05	1.36	2.98	1.22	20	CPCB Guideline (AAS Method)
10.	Benzene	$\mu g/m^3$	BDL	BDL	BDL	BDL	5	IS:5182 Part-11
11.	BaP	ng/m^3	BDL	BDL	BDL	BDL	1	IS:5182 Part-12
12.	Carbon Mono Oxide (CO)	mg/m^3	0.92	0.67	0.81	0.70	4	IS:5182 Part-10

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Results									
Test Report No.			EL/BWD /110221-790	EL/BWD/ 130221-802	EL/BWD/160221-812	EL/BWD/ 200221-822	EL/BWD/ 230221-826	STANDARD LIMIT	TEST METHOD
Environmental Conditions		:	Temp: - 24°C RH: - 52%	Temp: - 24°C RH: - 51%	Temp: - 27°C RH: -48%	Temp: - 24°C RH: - 50%	Temp: - 30°C RH: -42%		
S. NO.	PARAMETER	UNIT	RESULT (10/02/21-11/02/21)	RESULT (12/02/21-13/02/21)	RESULT (15/02/21 - 16/02/21)	RESULT (19/02/21-20/02/21)	RESULT (22/02/21 – 23/02/21)		
1.	Particulate Matter (PM_{10})	µg/m³	90.4	89.5	91.6	92.3	92.8	100	IS:5182 Part-23
2.	Particulate Matter ($PM_{2.5}$)	µg/m³	42.1	44.5	43.1	45.1	41.7	60	IS:5182 Part-24
3.	Sulphur Dioxide as SO_2	µg/m³	32.4	35.7	32.9	31.4	29.7	80	IS:5182 Part-2
4.	Nitrogen Dioxide as NO_2	µg/m³	34.2	37.1	34.2	32.8	32.9	80	IS:5182 Part-6
5.	Ozone (O_3)	µg/m³	19.1	19.0	16.4	15.9	18.4	180	IS:5182 Part-9
6.	Ammonia as NH_3	µg/m³	15.3	15.9	13.7	13.1	14.2	400	CPCB Guideline (Indophenol Method)
7.	Lead (Pb)	µg/m³	0.13	0.16	0.19	0.11	0.10	1.0	IS:5182 Part-22(AAS Method)
8.	Arsenic (As)	ng/m³	BDL	BDL	BDL	BDL	BDL	06	CPCB Guideline (AAS Method)
9.	Nickel (Ni)	ng/m³	1.30	1.35	2.90	2.98	3.05	20	CPCB Guideline (AAS Method)
10.	Benzene	µg/m³	BDL	BDL	BDL	BDL	BDL	5	IS:5182 Part-11
11.	Ba[illegible]	ng/m³	BDL	BDL	BDL	BDL	BDL	1	IS:5182 Part-12
12.	Carbon Mono Oxide (CO)	mg/m³	1.17	1.10	1.15	1.28	1.25	4	IS:5182 Part-10

Notes: 1. The result listed above refer only to the tested samples and applicable parameters.
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Controlled Format	No. 7.8F-03
TEST REPORT	Issue Date: 01/03/2021

(Ambient Air Analysis)

Issued To.	:	M/s Honda Cars India Ltd. SPL-1, RIICO Industrial Area, Tapukara, Tehsil: Tijara, Distt-Alwar (Raj.) 301707
Sample Description	:	Ambient Air
Sampling Location	:	QE Area
Sampling Duration	:	24 hrs.
Instrument Used	:	RDS & Fine Particulate Sampler
Sampling Done By	:	Lab Representative
Latitude	:	N 28°06'902"
Longitude	:	E 76°48'804"
Test Protocol	:	As Per Indian Standard 5182
Standard Reference Code	:	As Per CPCB Guidelines (NAAQS-2009)
Sampling Plan & Procedure	:	Plan & Procedure No. 7.3P-01

Results

Test Report No.		:	EL/BWD/020221-772	EL/BWD/040221-776	EL/BWD/060221-780	EL/BWD/090221-784	STANDARD LIMIT	TEST METHOD
Environmental Conditions		:	Temp: -24°C RH: - 61%	Temp: - 24°C RH: -60%	Temp: -20°C RH: - 65%	Temp: -23°C RH: - 55%		
S. NO.	PARAMETER	UNIT	RESULT (01/02/21 – 02/02/21)	RESULT (03/02/21 – 04/02/21)	RESULT (05/02/21 – 06/02/21)	RESULT (08/02/21 – 09/02/21)		
1.	Particulate Matter (PM_{10})	µg/m³	89.4	88.5	90.3	91.4	100	IS:5182 Part-23
2.	Particulate Matter ($PM_{2.5}$)	µg/m³	41.6	44	42.1	43.2	60	IS:5182 Part-24
3.	Sulphur Dioxide as SO_2	µg/m³	35.1	30.2	28.4	27.2	80	IS:5182 Part-2
4.	Nitrogen Dioxide as NO_2	µg/m³	35.1	32.8	33.4	35.9	80	IS:5182 Part-6
5.	Ozone (O_3)	µg/m³	16.2	19.7	18.6	16.5	180	IS:5182 Part-9
6.	Ammonia as NH_3	µg/m³	13.6	14.9	15.5	13.2	400	CPCB Guideline (Indophenol Method)
7.	Lead (Pb)	µg/m³	0.19	0.20	0.14	0.16	1.0	IS:5182 Part-22(AAS Method)
8.	Arsenic (As)	ng/m³	BDL	BDL	BDL	BDL	06	CPCB Guideline (AAS Method)
9.	Nickel (Ni)	ng/m³	1.25	2.05	2.11	1.98	20	CPCB Guideline (AAS Method)
10.	Benzene	µg/m³	BDL	BDL	BDL	BDL	5	IS:5182 Part-11
11.	BaP	ng/m³	BDL	BDL	BDL	BDL	1	IS:5182 Part-12
12.	Carbon Mono Oxide (CO)	mg/m³	1.10	0.78	0.69	0.77	4	IS:5182 Part-10

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Results									
Test Report No.			EL/BWD /110221-788	EL/BWD/ 130221-800	EL/BWD/160221-810	EL/BWD/ 200221-820	EL/BWD/ 230221-824	STANDARD LIMIT	TEST METHOD
Environmental Conditions		:	Temp: - 24°C RH: - 52%	Temp: - 24°C RH: - 51%	Temp: - 27°C RH: -48%	Temp: - 24°C RH: - 50%	Temp: - 30°C RH: -42%		
S. NO.	PARAMETER	UNIT	RESULT (10/02/21-11/02/21)	RESULT (12/02/21-13/02/21)	RESULT (15/02/21 - 16/02/21)	RESULT (19/02/21-20/02/21)	RESULT (22/02/21 – 23/02/21)		
1.	Particulate Matter (PM_{10})	$\mu g/m^3$	89.4	88.2	90.4	87.2	89.9	100	IS:5182 Part-23
2.	Particulate Matter ($PM_{2.5}$)	$\mu g/m^3$	45.1	41.2	39.4	40.2	43.2	60	IS:5182 Part-24
3.	Sulphur Dioxide as SO_2	$\mu g/m^3$	32.9	31.4	29.3	30.6	32.8	80	IS:5182 Part-2
4.	Nitrogen Dioxide as NO_2	$\mu g/m^3$	35.1	37.4	33.9	36.7	35.4	80	IS:5182 Part-6
5.	Ozone (O_3)	$\mu g/m^3$	14.8	15.9	16.4	19.1	17.7	180	IS:5182 Part-9
6.	Ammonia as NH_3	$\mu g/m^3$	12.4	15.5	14.9	15.7	13.9	400	CPCB Guideline (Indophenol Method)
7.	Lead (Pb)	$\mu g/m^3$	0.14	0.16	0.12	0.15	0.16	1.0	IS:5182 Part-22(AAS Method)
8.	Arsenic (As)	ng/m^3	BDL	BDL	BDL	BDL	BDL	06	CPCB Guideline (AAS Method)
9.	Nickel (Ni)	ng/m^3	1.98	2.15	2.36	2.20	2.29	20	CPCB Guideline (AAS Method)
10.	Benzene	$\mu g/m^3$	BDL	BDL	BDL	BDL	BDL	5	IS:5182 Part-11
11.	BaP	ng/m^3	BDL	BDL	BDL	BDL	BDL	1	IS:5182 Part-12
12.	Carbon Mono Oxide (CO)	mg/m^3	1.05	1.16	1.28	1.32	1.09	4	IS:5182 Part-10

Note : **BDL= Below Detection Limit**

Notes: 1. The result listed above refer only to the tested samples and applicable parameters.
2. Remnants sample will be destroyed after 20 days from the date of receipt of sample.
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Analyzed By

Authorized By

ENVIRO LAB BHIWADI

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Under the Environment Protection Act 1986

Controlled Format

TEST REPORT — No. 7.8F-03 — Issue Date: 02/04/2021

(Ambient Air Analysis)

Issued To.	:	**M/s Honda Cars India Ltd.** **SPL-1, RHCO Industrial Area, Tapukara,** **Tehsil: Tijara, Distt-Alwar (Raj.) 301707**
Sample Description	:	Ambient Air
Sampling Location	:	ETB Area
Sampling Duration	:	24 hrs.
Instrument Used	:	RDS & Fine Particulate Sampler
Sampling Done By	:	Lab Representative
Latitude	:	N 28°07'1931"
Longitude	:	E 76°48'417"
Test Protocol	:	As Per Indian Standard 5182
Standard Reference Code	:	As Per CPCB Guidelines (NAAQS-2009)
Sampling Plan & Procedure	:	Plan & Procedure No. 7.3P-01

Results

Test Report No.		:	**EL/BWD/02 0321-1401**	**EL/BWD/04 0321-1405**	**EL/BWD/11 0321-1414**	**EL/BWD/13 0321-1418**	**STANDARD LIMIT**	**TEST METHOD**
Environmental Conditions		:	**Temp: -28°C RH: - 45%**	**Temp: -30°C RH: -41%**	**Temp: -32°C RH: - 27%**	**Temp: -34°C RH: - 20%**		
S. NO.	**PARAMETER**	**UNIT**	**RESULT (01/03/21 – 02/03/21)**	**RESULT (03/03/21 – 04/03/21)**	**RESULT (10/03/21 – 11/03/21)**	**RESULT (12/03/21 – 13/03/21)**		
1.	Particulate Matter (PM_{10})	$\mu g/m^3$	89.4	90.3	91.1	88.4	100	IS:5182 Part-23
2.	Particulate Matter ($PM_{2.5}$)	$\mu g/m^3$	44.1	45.1	42.8	43.2	60	IS:5182 Part-24
3.	Sulphur Dioxide as SO_2	$\mu g/m^3$	35.5	28.9	31.1	24.0	80	IS:5182 Part-2
4.	Nitrogen Dioxide as NO_2	$\mu g/m^3$	37.8	32.2	34.8	30.9	80	IS:5182 Part-6
5.	Ozone (O_3)	$\mu g/m^3$	16.8	17.6	20.1	18.1	180	IS:5182 Part-9
6.	Ammonia as NH_3	$\mu g/m^3$	14.9	15.1	13.7	12.5	400	CPCB Guideline (Indophenol Method)
7.	Lead (Pb)	$\mu g/m^3$	0.36	0.37	0.30	0.13	1.0	IS:5182 Part-22(AAS Method)
8.	Arsenic (As)	ng/m^3	BDL	BDL	BDL	BDL	06	CPCB Guideline (AAS Method)
9.	Nickel (Ni)	ng/m^3	2.10	1.95	1.89	1.30	20	CPCB Guideline (AAS Method)
10.	Benzene	$\mu g/m^3$	BDL	BDL	BDL	BDL	5	IS:5182 Part-11
11.	BaP	ng/m^3	BDL	BDL	BDL	BDL	1	IS:5182 Part-12
12.	Carbon Mono Oxide (CO)	mg/m^3	0.85	0.72	0.81	0.69	4	IS:5182 Part-10

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Results									
Test Report No.		:	EL/BWD /160321-1430	EL/BWD/180321-1434	EL/BWD/ 200321-1438	EL/BWD/ 230321-1448	EL/BWD/ 260321-1466	STANDARD LIMIT	TEST METHOD
Environmental Conditions		:	Temp: - 31°C RH: -22%	Temp: - 34°C RH: -21%	Temp: - 34°C RH: - 20%	Temp: - 29°C RH: - 25%	Temp: - 30°C RH: -23%		
S. NO.	PARAMETER	UNIT	RESULT (15/03/21-16/03/21)	RESULT (17/03/21-18/03/21)	RESULT (19/03/21 -20/03/21)	RESULT (22/03/21-23/03/21)	RESULT (25/03/21 – 26/03/21)		
1.	Particulate Matter (PM_{10})	µg/m³	90.4	92.1	93.5	90.6	91.5	100	IS:5182 Part-23
2.	Particulate Matter ($PM_{2.5}$)	µg/m³	43.1	41.5	42.5	42.2	44.2	60	IS:5182 Part-24
3.	Sulphur Dioxide as SO_2	µg/m³	30.9	27.8	28.4	28.1	30.6	80	IS:5182 Part-2
4.	Nitrogen Dioxide as NO_2	µg/m³	34.6	36.7	32.3	33.6	34.2	80	IS:5182 Part-6
5.	Ozone (O_3)	µg/m³	12.1	17.9	24.8	19.5	20.2	180	IS:5182 Part-9
6.	Ammonia as NH_3	µg/m³	9.9	12.8	16.9	14.9	15.4	400	CPCB Guideline (Indophenol Method)
7.	Lead (Pb)	µg/m³	0.29	0.23	0.29	0.18	0.21	1.0	IS:5182 Part-22(AAS Method)
8.	Arsenic (As)	ng/m³	BDL	BDL	BDL	BDL	BDL	06	CPCB Guideline (AAS Method)
9.	Nickel (Ni)	ng/m³	1.30	1.31	1.50	1.35	1.30	20	CPCB Guideline (AAS Method)
10.	Benzene	µg/m³	BDL	BDL	BDL	BDL	BDL	5	IS:5182 Part-11
11.	BaP	ng/m³	BDL	BDL	BDL	BDL	BDL	1	IS:5182 Part-12
12.	Carbon Mono Oxide (CO)	mg/m³	0.59	0.86	0.76	0.71	0.80	4	IS:5182 Part-10

Note	:	BDL= Below Detection Limit

Notes: 1. The result listed above refer only to the tested samples and applicable parameters.
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Controlled Format | No. 7.8F-03

TEST REPORT

Issue Date: 02/04/2021

(Ambient Air Analysis)

Issued To.	:	M/s Honda Cars India Ltd. SPL-1, RIICO Industrial Area, Tapukara, Tehsil: Tijara, Distt-Alwar (Raj.) 301707
Sample Description	:	Ambient Air
Sampling Location	:	QE Area
Sampling Duration	:	24 hrs.
Instrument Used	:	RDS & Fine Particulate Sampler
Sampling Done By	:	Lab Representative
Latitude	:	N 28°06'902"
Longitude	:	E 76°48'804"
Test Protocol	:	As Per Indian Standard 5182
Standard Reference Code	:	As Per CPCB Guidelines (NAAQS-2009)
Sampling Plan & Procedure	:	Plan & Procedure No. 7.3P-01

Results

Test Report No.		:	EL/BWD/02 0321-1402	EL/BWD/0 40321-1406	EL/BWD/11 0321-1415	EL/BWD/13 0321-1419	STANDARD LIMIT	TEST METHOD
Environmental Conditions		:	Temp: -28°C RH: - 45%	Temp: - 30°C RH: -41%	Temp: -32°C RH: - 27%	Temp: -34°C RH: - 20%		
S. NO.	PARAMETER	UNIT	RESULT (01/03/21 – 02/03/21)	RESULT (03/03/21 – 04/03/21)	RESULT (10/03/21 – 11/03/21)	RESULT (12/03/21 – 13/03/21)		
1.	Particulate Matter (PM_{10})	µg/m³	90.3	91.5	92.4	93.4	100	IS:5182 Part-23
2.	Particulate Matter ($PM_{2.5}$)	µg/m³	42.1	42.5	41.1	43.5	60	IS:5182 Part-24
3.	Sulphur Dioxide as SO_2	µg/m³	27.2	30.9	32.0	25.4	80	IS:5182 Part-2
4.	Nitrogen Dioxide as NO_2	µg/m³	32.9	35.1	37.1	32.3	80	IS:5182 Part-6
5.	Ozone (O_3)	µg/m³	18.0	18.4	19.2	15.7	180	IS:5182 Part-9
6.	Ammonia as NH_3	µg/m³	16.3	13.9	16.9	12.6	400	CPCB Guideline (Indophenol Method)
7.	Lead (Pb)	µg/m³	0.33	0.26	0.27	0.18	1.0	IS:5182 Part-22(AAS Method)
8.	Arsenic (As)	ng/m³	BDL	BDL	BDL	BDL	06	CPCB Guideline (AAS Method)
9.	Nickel (Ni)	ng/m³	1.89	1.65	2.05	1.19	20	CPCB Guideline (AAS Method)
10.	Benzene	µg/m³	BDL	BDL	BDL	BDL	5	IS:5182 Part-11
11.	BaP	ng/m³	BDL	BDL	BDL	BDL	1	IS:5182 Part-12
12.	Carbon Mono Oxide (CO)	mg/m³	0.79	0.87	0.83	0.76	4	IS:5182 Part-10

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Test Report No.			Results						
			EL/BWD /160321-1431	EL/BWD/ 180321-1435	EL/BWD/2 00321-1439	EL/BWD/ 230321-1449	EL/BWD/ 260321-1467	STANDARD LIMIT	TEST METHOD
Environmental Conditions		:	Temp: - 31°C RH: - 22%	Temp: - 34°C RH: - 21%	Temp: - 34°C RH: -20%	Temp: - 29°C RH: - 25%	Temp: - 30°C RH: -23%		
S. NO.	PARAMETER	UNIT	RESULT (15/03/21-16/03/21)	RESULT (17/03/21-18/03/21)	RESULT (19/03/21 - 20/03/21)	RESULT (22/03/21-23/03/21)	RESULT (25/03/21 – 26/03/21)		
1.	Particulate Matter (PM_{10})	µg/m³	90.5	91.3	91.9	92.5	93.1	100	IS:5182 Part-23
2.	Particulate Matter ($PM_{2.5}$)	µg/m³	41.9	42.5	43.8	40.9	44.1	60	IS:5182 Part-24
3.	Sulphur Dioxide as SO_2	µg/m³	31.8	25.4	30.6	32.4	30.6	80	IS:5182 Part-2
4.	Nitrogen Dioxide as NO_2	µg/m³	16.9	32.3	34.1	38.1	34.3	80	IS:5182 Part-6
5.	Ozone (O_3)	µg/m³	13.1	15.7	17.2	20.8	19.4	180	IS:5182 Part-9
6.	Ammonia as NH_3	µg/m³	10.5	12.6	15.4	17.2	15.2	400	CPCB Guideline (Indophenol Method)
7.	Lead (Pb)	µg/m³	0.26	0.18	0.14	0.18	0.19	1.0	IS:5182 Part-22(AAS Method)
8.	Arsenic (As)	ng/m³	BDL	BDL	BDL	BDL	BDL	06	CPCB Guideline (AAS Method)
9.	Nickel (Ni)	ng/m³	2.20	1.19	2.22	2.28	2.32	20	CPCB Guideline (AAS Method)
10.	Benzene	µg/m³	BDL	BDL	BDL	BDL	BDL	5	IS:5182 Part-11
11.	BaP	ng/m³	BDL	BDL	BDL	BDL	BDL	1	IS:5182 Part-12
12.	Carbon Mono Oxide (CO)	mg/m³	0.66	0.76	1.20	1.40	1.15	4	IS:5182 Part-10

Note : **BDL= Below Detection Limit**

Notes: 1. The result listed above refer only to the tested samples and applicable parameters.

2. Remnants sample will be destroyed after 20 days from the date of receipt of sample.
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Controlled Format | No. 7.8F-03

TEST REPORT

Issue Date: 02/04/2021

(Ambient Air Analysis)

Issued To.	:	M/s Honda Cars India Ltd. SPL-1, RIICO Industrial Area, Tapukara, Tehsil: Tijara, Distt-Alwar (Raj.) 301707
Sample Description	:	Ambient Air
Sampling Location	:	Admin Area
Sampling Duration	:	24 hrs.
Instrument Used	:	RDS & Fine Particulate Sampler
Sampling Done By	:	Lab Representative
Latitude	:	N 28°06'671"
Longitude	:	E 76°48'445"
Test Protocol	:	As Per Indian Standard 5182
Standard Reference Code	:	As Per CPCB Guidelines (NAAQS-2009)
Sampling Plan & Procedure	:	Plan & Procedure No. 7.3P-01

Results

Test Report No.			EL/BWD/02 0321-1403	EL/BWD/0 40321-1407	EL/BWD/11 0321-1416	EL/BWD/13 0321-1420	STANDARD LIMIT	TEST METHOD
Environmental Conditions		:	Temp: -28°C RH: - 45%	Temp: - 30°C RH: -41%	Temp: -32°C RH: - 27%	Temp: -34°C RH: - 20%		
S. NO.	PARAMETER	UNIT	RESULT (01/03/21 – 02/03/21)	RESULT (03/03/21 – 04/03/21)	RESULT (10/03/21 – 11/03/21)	RESULT (12/03/21 – 13/03/21)		
1.	Particulate Matter (PM_{10})	$\mu g/m^3$	90.4	88.5	89.5	91.5	100	IS:5182 Part-23
2.	Particulate Matter ($PM_{2.5}$)	$\mu g/m^3$	44.1	42.3	41.9	43.7	60	IS:5182 Part-24
3.	Sulphur Dioxide as SO_2	$\mu g/m^3$	29.1	27.4	21.8	25.1	80	IS:5182 Part-2
4.	Nitrogen Dioxide as NO_2	$\mu g/m^3$	34.0	30.0	29.0	33.8	80	IS:5182 Part-6
5.	Ozone (O_3)	$\mu g/m^3$	15.5	19.3	18.3	19.1	180	IS:5182 Part-9
6.	Ammonia as NH_3	$\mu g/m^3$	12.1	14.0	11.9	13.7	400	CPCB Guideline (Indophenol Method)
7.	Lead (Pb)	$\mu g/m^3$	0.30	0.29	0.26	0.20	1.0	IS:5182 Part-22(AAS Method)
8.	Arsenic (As)	ng/m^3	BDL	BDL	BDL	BDL	06	CPCB Guideline (AAS Method)
9.	Nickel (Ni)	ng/m^3	2.15	1.85	1.33	2.61	20	CPCB Guideline (AAS Method)
10.	Benzene	$\mu g/m^3$	BDL	BDL	BDL	BDL	5	IS:5182 Part-11
11.	BaP	ng/m^3	BDL	BDL	BDL	BDL	1	IS:5182 Part-12
12.	Carbon Mono Oxide (CO)	mg/m^3	0.81	0.68	0.77	0.79	4	IS:5182 Part-10

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Test Report No.			EL/BWD /160321-1432	EL/BWD/ 180321-1436	EL/BWD/2 00321-1440	EL/BWD/ 230321-1450	EL/BWD/ 260321-1468	STANDARD LIMIT	TEST METHOD
Environmental Conditions		:	Temp: - 31°C RH: - 22%	Temp: - 34°C RH: - 21%	Temp: - 34°C RH: -20%	Temp: - 29°C RH: - 25%	Temp: - 30°C RH: -23%		
S. NO.	PARAMETER	UNIT	RESULT (15/03/21-16/03/21)	RESULT (17/03/21-18/03/21)	RESULT (19/03/21 - 20/03/21)	RESULT (22/03/21-23/03/21)	RESULT (25/03/21 – 26/03/21)		
1.	Particulate Matter (PM_{10})	µg/m³	92.3	91.4	93.2	90.2	90.9	100	IS:5182 Part-23
2.	Particulate Matter ($PM_{2.5}$)	µg/m³	45.6	44.1	43.8	42.9	41.6	60	IS:5182 Part-24
3.	Sulphur Dioxide as SO_2	µg/m³	29.1	25.1	35.1	33.7	34.2	80	IS:5182 Part-2
4.	Nitrogen Dioxide as NO_2	µg/m³	16.0	33.8	39.4	36.4	41.5	80	IS:5182 Part-6
5.	Ozone (O_3)	µg/m³	13.3	19.1	20.6	21.7	19.2	180	IS:5182 Part-9
6.	Ammonia as NH_3	µg/m³	11.1	13.7	16.5	18.1	14.9	400	CPCB Guideline (Indophenol Method)
7.	Lead (Pb)	µg/m³	0.30	0.20	0.22	0.16	0.24	1.0	IS:5182 Part-22(AAS Method)
8.	Arsenic (As)	ng/m³	BDL	BDL	BDL	BDL	BDL	06	CPCB Guideline (AAS Method)
9.	Nickel (Ni)	ng/m³	2.10	2.61	2.50	2.70	2.25	20	CPCB Guideline (AAS Method)
10.	Benzene	µg/m³	BDL	BDL	BDL	BDL	BDL	5	IS:5182 Part-11
11.	BaP	ng/m³	BDL	BDL	BDL	BDL	BDL	1	IS:5182 Part-12
12.	Carbon Mono Oxide (CO)	mg/m³	0.71	0.79	1.29	1.32	1.15	4	IS:5182 Part-10

Note	:	BDL= Below Detection Limit

Notes: 1. The result listed above refer only to the tested samples and applicable parameters.
2. Remnants sample will be destroyed after 20 days from the date of receipt of sample.
3. Complaints, if any, about this report should be communicated within seven (07) days of the issue of this report.
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Controlled Format | No. 7.8F-03

TEST REPORT

Issue Date: 02/04/2021

(Ambient Air Analysis)

Issued To.	:	M/s Honda Cars India Ltd. SPL-1, RIICO Industrial Area, Tapukara, Tehsil: Tijara, Distt-Alwar (Raj.) 301707
Sample Description	:	Ambient Air
Sampling Location	:	Forging Area
Sampling Duration	:	24 hrs.
Instrument Used	:	RDS & Fine Particulate Sampler
Sampling Done By	:	Lab Representative
Latitude	:	N 28°06'919"
Longitude	:	E 76°48'056"
Test Protocol	:	As Per Indian Standard 5182
Standard Reference Code	:	As Per CPCB Guidelines (NAAQS-2009)
Sampling Plan & Procedure	:	Plan & Procedure No. 7.3P-01

Results

Test Report No.			EL/BWD/02 0321-1404	EL/BWD/0 40321-1408	EL/BWD/11 0321-1417	EL/BWD/13 0321-1421	STANDARD LIMIT	TEST METHOD
Environmental Conditions		:	Temp: -28°C RH: - 45%	Temp: - 30°C RH: -41%	Temp: -32°C RH: - 27%	Temp: -34°C RH: - 20%		
S. NO.	PARAMETER	UNIT	RESULT (01/03/21 – 02/03/21)	RESULT (03/03/21 – 04/03/21)	RESULT (10/03/21 – 11/03/21)	RESULT (12/03/21 – 13/03/21)		
1.	Particulate Matter (PM_{10})	$\mu g/m^3$	91.5	92.5	90.2	93.5	100	IS:5182 Part-23
2.	Particulate Matter ($PM_{2.5}$)	$\mu g/m^3$	41.8	43.7	42.8	44.6	60	IS:5182 Part-24
3.	Sulphur Dioxide as SO_2	$\mu g/m^3$	35.2	28.6	32.4	27.8	80	IS:5182 Part-2
4.	Nitrogen Dioxide as NO_2	$\mu g/m^3$	31.8	34.0	34.0	36.7	80	IS:5182 Part-6
5.	Ozone (O_3)	$\mu g/m^3$	13.9	13.9	14.3	17.9	180	IS:5182 Part-9
6.	Ammonia as NH_3	$\mu g/m^3$	12.9	11.2	8.1	12.8	400	CPCB Guideline (Indophenol Method)
7.	Lead (Pb)	$\mu g/m^3$	0.32	0.31	0.31	0.23	1.0	IS:5182 Part-22(AAS Method)
8.	Arsenic (As)	ng/m^3	BDL	BDL	BDL	BDL	06	CPCB Guideline (AAS Method)
9.	Nickel (Ni)	ng/m^3	1.51	1.77	1.25	1.31	20	CPCB Guideline (AAS Method)
10.	Benzene	$\mu g/m^3$	BDL	BDL	BDL	BDL	5	IS:5182 Part-11
11.	BaP	ng/m^3	BDL	BDL	BDL	BDL	1	IS:5182 Part-12
12.	Carbon Mono Oxide (CO)	mg/m^3	0.77	0.69	0.75	0.86	4	IS:5182 Part-10

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ENVIRO LAB

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An ISO 9001 : 2015, 14001 : 2015, & OHSAS 18001-2007 Certified Laboratory
Recognized from Ministry of Environment, Forest & Climate Change (MoEFCC) Govt. of India
Under the Environment Protection Act 1986

Test Report No.			Results					STANDARD LIMIT	TEST METHOD
			EL/BWD /160321-1433	EL/BWD/ 180321-1437	EL/BWD/2 00321-1441	EL/BWD/ 230321-1451	EL/BWD/ 260321-1469		
Environmental Conditions		:	Temp: - 31°C RH: - 22%	Temp: - 34°C RH: - 21%	Temp: - 34°C RH: -20%	Temp: - 29°C RH: - 25%	Temp: - 30°C RH: -23%		
S. NO.	PARAMETER	UNIT	RESULT (15/03/21-16/03/21)	RESULT (17/03/21-18/03/21)	RESULT (19/03/21 - 20/03/21)	RESULT (22/03/21-23/03/21)	RESULT (25/03/21 – 26/03/21)		
1.	Particulate Matter (PM_{10})	µg/m³	90.4	91.5	92.5	93.1	89.3	100	IS:5182 Part-23
2.	Particulate Matter ($PM_{2.5}$)	µg/m³	39.8	41.2	42.5	43.7	40.5	60	IS:5182 Part-24
3.	Sulphur Dioxide as SO_2	µg/m³	24.1	24.0	34.1	34.2	28.4	80	IS:5182 Part-2
4.	Nitrogen Dioxide as NO_2	µg/m³	29.8	30.9	36.9	38.4	33.7	80	IS:5182 Part-6
5.	Ozone (O_3)	µg/m³	15.5	18.1	18.4	18.4	21.6	180	IS:5182 Part-9
6.	Ammonia as NH_3	µg/m³	12.6	12.5	14.2	15.2	16.3	400	CPCB Guideline (Indophenol Method)
7.	Lead (Pb)	µg/m³	0.30	0.13	0.25	0.14	0.13	1.0	IS:5182 Part-22(AAS Method)
8.	Arsenic (As)	ng/m³	BDL	BDL	BDL	BDL	BDL	06	CPCB Guideline (AAS Method)
9.	Nickel (Ni)	ng/m³	2.10	1.30	2.95	2.88	2.90	20	CPCB Guideline (AAS Method)
10.	Benzene	µg/m³	BDL	BDL	BDL	BDL	BDL	5	IS:5182 Part-11
11.	BaP	ng/m³	BDL	BDL	BDL	BDL	BDL	1	IS:5182 Part-12
12.	Carbon Mono Oxide (CO)	mg/m³	0.71	0.69	1.20	1.32	1.38	4	IS:5182 Part-10

Notes: 1. The result listed above refer only to the tested samples and applicable parameters.
2. Remnants sample will be destroyed after 20 days from the date of receipt of sample.
3. Complaints, if any, about this report should be communicated within seven (07) days of the issue of this report.
4. The report is not to be reproduced-wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without our special permission in writing.
5. Any Backup either related to re-issue of changing of report should be given within 30 days of issue of this report.

Analyzed By

Authorized By

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