DCM SHRIRAM

Ref. No. :SFC/EPC/2.3/210C Date : **31st December 2020**

Deputy Director General of Forests (C),
Ministry of Environment, Forest and Climate Change,
Regional Office (CZ),
Kendriya Bhavan, 5th Floor, Sector-H, Aliganj,
LUCKNOW- 226 020.

Dear Sir,

Sub.: **Half Yearly Environment Clearance Compliance Report-Period-Apr-Sept.-2020 for Capacity Enhancement of PVC Plant (PVC Resin from 200 TPD to 250 TPD) and Calcium carbide Plant (Acetylene from 90 TPD To 110 TPD) Through Modernization within existing Project Premises at DCM Shriram Complex Kota, Shriram Nagar,Tehsil-Ladpura, Distt.-Kota Raj. by M/s Shriram Vinyl & Chemical Industries (A Unit of DCM Shriram Ltd.)**

Ref. : Environment Clearance No Fl (4)/SE1AA/SEAC-Raj/Sectt/Project /Cat.5(e) B1 (15054)/ 2019-20 dated 02/08/2019

Please find enclosed herewith half yearly environment clearance compliance report under the requirement of clause No. 10 (i) of EIA Notification No. 1533 dated 14th September 2006 against above referred environment clearance for above mentioned project.

Hope, you will find the same in order.

Thanking You,

Yours faithfully,

(DD Chaturvedi)
General Manager (E&S)

C.C. : The Member Secretary,
State Level Environment Impact Assessment Authority,
Room No.-5221, Main Building, Government Secretariat,
Jaipur-302005

The Member Secretary,
Central Pollution Control Board,
Parivesh Bhawan, CBD-cum-Office Complex,
East Arjun Nagar, Delhi-110 032 India

The Member Secretary,
Rajasthan State Pollution Control Board,
4, Institutional Area Jhalana Doongri, JAIPUR.

In-charge, Central Pollution Control Board,
Zonal Office (Central),
3rd Floor, Sahkar Bhawan, T.T. Nagar, BHOPAL-462 003.

The Regional Officer, Rajasthan State Pollution Control Board,
Plot No. : SPL.-2A, Paryavaran Marg, Road No.-6, Indraprastha Industrial Area, Kota

DCM Shriram Ltd. : Kota
(Shriram Vinyl & Chemical Industries : Kota

Environment Clearance No. Fl (4)/SE1AA/SEAC-Raj/Sectt/Project /Cat.5(e) B1 (15054)/ 2019-20 dated 02/08/2019-Compliance Status

Period: Apr—2020 to Sept.-2020

Capacity Enhancement of PVC Plant (PVC Resin from 200 TPD to 250 TPD) and Calcium carbide Plant (Acetylene from 90 TPD To 110 TPD) Through Modernization within existing Project Premises at DCM Shriram Complex Kota, Shriram Nagar,Tehsil-Ladpura, Distt.-Kota Raj. by M/s Shriram Vinyl & Chemical Industries (A Unit of DCM Shriram Ltd.)

S. No.	Condition	Status
I Specific Condition		
Statutory compliance :		
1.	The project proponent shall obtain clearance from the National Board for Wildlife.	Noted Wildlife clearance granted vide letter No. F()WLC/CWLW/2019/8567 dated 3rd December 2020 for all the units of DCM Shriram Kota Complex at Shriram Nagar Industrial Area, Kota Rajasthan. **Copy of clearance enclosed.**
2.	The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (in case of the presence of schedule-1 species in the study area)	Noted Site-specific conservation plan & wildlife management plan was prepared in consultation with Dy. Conservator of Forests & Wildlife and same was forwarded to NBWL by state standing committee of wildlife for grant of NBWL clearance. Based on Site-specific conservation plan & wildlife management plan, the standing committee of NBWL has already recommended our project for NBWL clearance on 25th February 2019. Final Wildlife clearance granted vide letter No. F()WLC/CWLW/2019/8567 dated 3rd December 2020 for all the units of DCM Shriram Kota Complex at Shriram Nagar Industrial Area, Kota Rajasthan
3.	The project proponent shall obtain Consent to Establish / Operate under the provision of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State pollution Control Board/Committee.	Consent to Establish have been obtained on 17th January & 22nd January 2020. Consent to Operate obtained on 24th Dec.-2020.
4.	The project proponent shall obtain the necessary permission from the Central	Noted No increase of fresh water consumption in

S. No.	Condition	Status
	Ground Water Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project.	the expansion project. and also withdrawal of ground water is not proposed.
5.	The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.	Noted Expansion is planned within the exiting complex and already having HW authorization with a validity upto 30.11.2021.
6.	The Company shall strictly comply with the rules and guidelines under Manufacture, Storage, and Import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended time to time. All transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989.	Noted Being complied with.
Air quality monitoring and preservation:		
1.	The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.	No process stacks are established in the expansion project, hence, provision of CEMS is not applicable in this expansion project. Only cyclone/vent scrubber vents are provided for further control of fugitive emissions in drying & packing section.
2.	The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through labs recognized under Environment (Protection) Act, 1986.	Noted
3.	The project proponent shall install system to carryout Continuous Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM_{10} and $PM_{2.5}$ in reference to PM emission, and SO_2 and NOx in reference to SO_2 and NOx emissions etc.) within and outside the plant area at least at four locations (one within and three outside the plant area at an angle of 120 each), covering upwind and downwind directions. (case to case basis small plants: Manual; Large plants: Continuous	No process & flue gas stacks emissions involved in the proposed expansion project and no fuel burning involved in the expansion project i.e no impact on ambient air quality is envisaged due to proposed expansion, which was also reflected in the EIA/EMP study. However, 4 Nos. of ambient air quality monitoring stations have been provided, in consultation with RSPCB. In addition to above, quarterly ambient air quality monitoring being carried out by MoEF&CC/NABL approved laboratory.
4.	The project proponent shall submit monthly summary report of continuous stack and air quality monitoring and results of manual stack monitoring and manual monitoring of air quality /fugitive emissions to Regional Office of MoEF & CC, Zonal office of CPCB and Regional Office of SPCB along	No process & flue gas stacks emissions involved in the expansion project and no fuel burning involved in the proposed expansion project, i.e no impact on ambient air quality is envisaged due to the expansion, which was also reflected in the EIA/EMP study. However, 4 Nos. of ambient air quality

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	with six monthly monitoring report	monitoring stations have been provided, in consultation with RSPCB. Monitoring reports are **enclosed.**
5.	Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including Fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.	Noted
6.	Storage of raw materials etc. shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.	Noted
Water quality monitoring and preservation:		
1..	The project proponent shall provide online continuous monitoring of effluent, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises (applicable in case of the projects achieving ZLD).	Expansion is carried out within the exiting complex; hence online continuous effluent monitoring system is already in place at final outlet of the complex.
2..	The project proponent shall monitor regularly ground water quality at least twice a year (pre and post monsoon) at sufficient numbers of piezometers/sampling wells in the plant and adjacent areas through labs recognized under Environment (Protection) Act, 1986 and NABL accredited laboratories.	No storage & disposal of chemicals/wastes on land is involved in the proposed expansion project. However, pre-post monsoon ground water sampling is carried out through labs recognized under Environment (Protection) Act, 1986 and NABL accredited laboratories.
3.	The project proponent shall submit monthly summary report of continuous effluent monitoring and results of manual effluent testing and manual monitoring of ground water quality to Regional Office of MoEF & CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.	Noted Monitoring reports are **enclosed.**
4.	The quantity of effluent shall not exceed from existing quantity and the effluent discharge shall conform to the standards prescribed under the Environment (Protection) Rules, 1986, or as specified by the State Pollution Control Board while granting Consent under the Air/Water Act. Whichever is more stringent.	Noted & being complied with.
5.	Total fresh water requirement shall not exceed from existing due to proposed expansion and same shall be met from Right Main Canal of Chambal River. No ground water shall be abstracted without obtaining prior permission from the concerned regulatory authority/ CG WA in this regard.	Noted & being complied with.

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6.	Process effluent/any wastewater shall not be allowed to mix with storm water. The storm water from the premises shall be collected and discharged through a separate Conveyance system	Noted
7.	The project proponent shall practice rainwater harvesting to maximum possible extent.	An adequate rain water harvesting pond is provided within the estate boundary of the Company. Having rain water capturing capacity about 4.5 lac cubic meter.
8.	The project proponent shall make efforts to minimize water consumption in the complex by segregation of' used water, practicing cascade use and by recycling treated water.	This is an integral part of company focus area and regular efforts are being practiced to minimize water consumption in the complex by process optimization, recycling/reuse of water, practicing cascade use.
Noise monitoring and prevention:		
1.	Acoustic enclosure shall be provided to DG set for controlling the noise pollution.	No DG set is proposed, hence not applicable.
2.	The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation.	Noted & being complied with.
3.	The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.	Noted & being complied with. Monitoring reports are **enclosed**.
Energy Conservation measures:		
1.	The energy sources for lighting purposes shall preferably be LED based.	All new and/or replacement of old lights are being done with LED based lights
Waste management:		
1.	Hazardous chemicals shall be stored in tanks, tank farms, drums. carboys etc. Flame arresters shall be provided on tank farm and the solvent transfer through pumps.	Noted & being complied with.
2.	Process organic residue and spent carbon, if any, shall be sent to cement industries. ETP sludge, process inorganic & evaporation salt shall be disposed off to the TSDF.	Noted The wastes generated are sent to authorized recyclers for resource recovery.
3.	The company shall undertake waste minimization measures as below:- a. Metering and control of quantities of active ingredients to minimize waste. b. Reuse of by-products from the process as raw materials or as raw material Substitutes in other processes. c. Use of automated filling to minimize spillage.	Noted

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	d. Use of Close Feed system into batch reactors. e. Venting equipment through vapor recovery system. f. Use of high pressure hoses for equipment clearing to reduce wastewater generation	
Green Belt:		
1	The green belt of 5-10 m width shall be developed in more than 33% of the total project area. Mainly along the plant periphery. in downward wind direction and along road sides etc. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department	All expansions are proposed within the complex of DCM Shriram Kota, covering green cover of 33.1% of total area of the complex.
Human health issues:		
1.	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.	Noted & being complied with.
2.	The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Fire fighting system shall be as per the norms.	Noted & being complied with.
3.	Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.	Noted & being complied with.
4.	The project proponent shall carry out heat stress analysis for the workmen who work in high temperature work zone and provide Personal Protection Equipment (PPE) as per the norms of Factory Act.	Noted & being complied with.
5.	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	The expansion is carried out within the existing complex; hence all facilities are already in place.
6.	There shall be adequate space inside the plant premises earmarked for parking of vehicles for raw materials and finished products. and no parking to be allowed outside on public places.	Noted & being complied with.
7.	Occupational health surveillance of the	Noted & being complied with.

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	workers shall be done on a regular basis and records maintained as per the Factories Act.	
Corporate Environment Responsibility:		
1.	The project proponent shall comply with the provisions contained in this Ministry's OM vide F. No. 22-65/2017-IA. 111 dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility.	Noted & being complied with. The total invest made in last three years under CSR are as under : 2017-18 : INR 178.79 Lac 2018-19 :- INR 273.11 Lac 2019-20:- INR 798.00 Lac 2020-21 :- INR 1259 Lac (Till Nov. 2020)
2.	The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms / conditions. The company shall have defined system of reporting, infringements /deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF & CC as a part of six-monthly report.	A well laid down Environment, Health and Safety (EHS) policy dated 5th March 2018 signed by Occupier and Whole Time Director (EHS) is in place. 3 DCM SHRIRAM DCM SHRIRAM LIMITED Environment, Health and Safety (EHS) Policy We, at DCM Shriram Ltd., recognizing that safety and health of workers has a positive impact on productivity and economic and social development, consider the health, safety and welfare of our employees and people in general to be of paramount importance and that a safe and healthy working environment is a prerequisite to achieve the goal of excellence in business. We are committed to maintain the highest standards of Environment, Health and Safety practices in all our operations and installations for safeguarding employees and people in general by taking all practical measures for prevention of incidents, injury, ill-health as well as protection of environment. We shall strive to achieve the above objective through the following: ○ Complying with all applicable EHS laws, regulations and standards as well as take necessary measures to go beyond compliance. ○ All line managers shall have the prime responsibility of implementing the policy in their respective areas for preventing any injury, ill-health and protection of environment. ○ Responsibility of contractors, sub-contractors, transporters and other agencies entering the premises & working at the factory premises shall be laid down through formal contract agreements and procedures. ○ EHS requirements shall be integrated into decision making during purchase of plant, equipment, machinery, materials and selection and placement of personnel. ○ All incidents including near misses shall be reported and investigated for taking necessary corrective and preventive measures. ○ Conserve natural resources & reduce energy and wastage of materials through Reduce, Reuse & Recycle philosophy to minimize our environmental footprint. ○ Encourage development of safe and cleaner manufacturing processes to continual improvement of EHS performance. ○ An effective system and arrangements shall be put in place for communicating, educating and consulting on EHS matters and securing the co-operation of employees in implementing this Policy. ○ Necessary training and information shall be given to employees at all levels as well as the general public, wherever required. ○ Work in partnership with external bodies and Government agencies to promote awareness on EHS issues and disseminate good practices. ○ EHS performance shall be linked to the career advancement of employees. ○ Safety committee meetings shall be conducted at regular intervals to involve workers in building good EHS culture and continually improve EHS performance. ○ Ensure awareness and engagement of all employees on EHS including contractors, sub contractors, transporters, suppliers and customers. ○ Regular risk assessments and EHS audits shall be conducted and remedial measures be implemented for achieving excellence in performance. ○ Resume of EHS performance shall be incorporated in the annual report The policy shall be reviewed and suitably modified in case of any change in the processes or businesses that may impact any of the EHS aspects. The policy shall be shared with all the key stakeholders and displayed at all the sites and offices. (K K Sharma) Occupier & Whole Time Director (EHS) 5th March, 2018
3.	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.	Noted & compiled with.
4.	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose.	Noted & compiled with.
5.	Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.	All the facilities at DCM Shriram Kota complex is certified under ISO-14001: 2015 (Environment Management System), hence, regular internal audit (self) & surveillance

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		audit (through third party) are being carried out.
6.	The project proponent shall submit six monthly reports on the status of the implementation of the stipulated environmental safeguards to MoEF&CC, its Regional Office, Central Pollution Control Board and State Pollution Control Board. The project proponent shall upload the status of compliance of the environmental clearance conditions on their website and update the same periodically and simultaneously send the same by email to the Regional Office, MoEF&CC.	Noted & compiled with.
7.	All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the Iron and Steel plants shall be implemented	The existing plant & proposed expansion are not the Iron and Steel plants; hence recommendations of CREP for Iron and Steel plants are not applicable.
Miscellaneous:		
1.	The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.	Noted & complied with. Published in two local newspapers of the District. जन-सूचना सर्व साधारण को सूचित किया जाता है कि मै. श्रीराम विनायल एंड केमिकल इंडस्ट्रीज (ए यूनिट ऑफ़ डीसीएम श्रीराम लिमिटेड) को उनके डीसीएम श्रीराम कॉम्प्लेक्स कोटा, श्रीराम नगर, तहसील- लाड़पुरा जिला कोटा, राजस्थान के मौजूदा परिसर में स्थित पीवीसी और कैल्शियम कार्बाइड प्लांट का आधुनिकरण से विस्तार (पीवीसी रेजिन 200 TPD से 250 TPD और एसिटिलीन 90 TPD से 110 TPD) के लिए राज्य स्तरीय पर्यावरण प्रभाव आकलन प्राधिकरण, राजस्थान के पत्र क्रमांक F(1) 4/SEIAA/SEAC-Raj/ Sectt/Project/Cat.5(e)B1 (15054)/2019-20 दिनांक 2 अगस्त 2019 के द्वारा पर्यावरण स्वीकृति प्रदान की गयी है जिसकी विशिष्ट शर्तों के विविध क्रमांक (1) और सामान्य शर्त क्रमांक (8) की अनुपालना में यह जन-सूचना प्रकाशित की जा रही है। उक्त पर्यावरण स्वीकृति की प्रति राजस्थान राज्य प्रदूषण नियंत्रण मंडल में है तथा राजस्थान राज्य प्रदूषण नियंत्रण मंडल की वेबसाइट www.environment.rajasthan.gov.in पर भी देखी जा सकती है। परियोजना प्रस्तावक मै. श्रीराम विनायल एंड केमिकल इंडस्ट्रीज डीसीएम श्रीराम कॉम्प्लेक्स, कोटा श्रीराम नगर, तहसील-लाड़पुरा जिला कोटा जन सूचना सर्व साधारण को सूचित किया जाता है कि मैं श्रीराम विनायल एंड केमिकल इंडस्ट्रीज (ए यूनिट ऑफ डीसीएम श्रीराम लिमिटेड) को उनके डीसीएम श्रीराम काम्प्लेक्स कोटा, श्रीराम नगर तहसील-लाड़पुरा जिला कोटा राजस्थान के मौजूदा परिसर में स्थित पीवीसी और कैल्शियम कार्बाइड प्लांट का आधुनिकरण से विस्तार (पीवीसी रेजिन 200 TPD से 250 TPD और एसिटिलीन 90 TPD से 110 TPD) के लिए राज्य स्तरीय पर्यावरण प्रभाव आकलन प्राधिकरण, राजस्थान के पत्र क्रमांक F (1) 4/SEIAA/SEAC-RAJ/Sectt/Project/ Cat.5(e) B1 (15054)/2019-20 दिनांक 2 अगस्त 2019 के द्वारा पर्यावरण स्वीकृति प्रदान की गयी है। जिसकी विशिष्ट शर्तों के विविध क्रमांक (1) और सामान्य शर्त क्रमांक (8) की अनुपालना में यह जन-सूचना प्रकाशित की जा रही है। उक्त पर्यावरण स्वीकृति की प्रति राजस्थान राज्य प्रदूषण मंडल में है तथा राजस्थान राज्य प्रदूषण नियंत्रण मंडल की वेबसाइट www.environment.rajasthan.gov.in पर भी देखी जा सकती है। परियोजना प्रस्तावक मै. श्रीराम विनायल एंड केमिकल इंडस्ट्रीज डीसीएम श्रीराम काम्प्लेक्स कोटा श्रीराम नगर तहसील लाड़पुरा जिला कोटा
2.	The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant	The copy of the environment clearance has been sent to all concerned authority on 19th August 2019 for display.

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	offices of the Government who in turn has to display the same for 30 days from the date of receipt.	
3.	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.	Noted & shall be complied with on execution of the project.
4.	The project proponent shall monitor the criteria pollutants level namely: PM $_{10}$, SO_2, NOx (ambient levels as well as stack emissions), or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.	Noted, However, there is no process & flue gas stacks are in expansion project (i.e. no burning of the fuel is proposed in the expansion project). Hence, no emissions of pollutants PM_{10}, SO_2, NOx are envisaged i.e no impact on ambient air quality due proposed expansion project. However, ambient air monitoring for the general parameters PM_{10}, SO_2, NOx are already being carried out at periphery of DCM Shriram Kota complex at 4 locations, in consultation with RSPCB.
5.	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.	Noted
6.	The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.	Noted
7.	The project proponent 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, commencing the land development work and start of production operation by the project.	The expansion project is carried out within the existing premises; hence, no land development work is required. The expansion is proposed within the plant which is already in operation. However, the start of production of expanded part is expected in Nov/Dec. 2020.
8.	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.	Noted, being complied with.
9.	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during	Noted, being complied with.

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	their presentation to the Expert Appraisal Committee.	
10.	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).	Noted, shall be complied with.
11.	Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.	Noted
12.	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	Noted
13.	The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.	Noted
14.	The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.	Noted, being complied with.
15.	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, 198, the Environment (Protection) Act. 1986, Hazardous and Other Wastes (Management and Trans-boundary Movement) Rules, 2016 and the Public Liability Insurance Act. 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.	Noted
16.	Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Noted

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GENERAL CONDITIONS		
1.	That the grant of this E.C. is issued from the environmental angle only, and does not absolve the project proponent from the other statutory obligations prescribed under any other law or any other instrument in force. The sole and complete responsibility, to comply with the conditions laid down in all other laws for the time-being in force, rests with the industry / unit / project proponent. Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under section 16 of the National Green Tribunal Act. 2010.	Noted
2.	No further expansion or modifications in the project shall be carried out without prior approval of the SEIAA/Ministry of Environment and Forests as the case may be. In case of deviations or alterations in the project proposal from those submitted to this Authority for clearance, a fresh reference shall be made to the Authority to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.	Noted and being complied with.
3.	The implementation of the project vis-à-vis environmental action plans shall be monitored by .MoEF Regional Office at Lucknow / RSPCB / CPCB / SEIAA. Department of Environment. Government of Rajasthan, Jaipur and this office. A six monthly compliance status report shall be submitted to monitoring agencies.	Noted
4.	The EC is liable to be rejected, in case it is found that the PP has deliberately concealed and furnished false and misleading information or data which is material to screening or scoping or appraisal or decision on the application for EC.	Noted
5.	The project authorities shall inform the MoEF Regional Office at Lucknow / RSPCB / CPCB / SEIAA, Department of Environment, Government of Rajasthan, Jaipur and the date of financial closure and final approval of the project by the concerned authorities and the date of start of	The expansion carried out within the plant which is already in operation. However, the start of production of expanded part is expected in Nov./Dec.-2020.

S. No.	Condition	Status
	the project.	
6.	Officials from the Department of Environment, Government of Rajasthan, Jaipur/ Regional Office of MoEF, Lucknow, RSPCB who would be monitoring the implementation of Environmental safeguards should be given full cooperation, facilities and documents/data by the project proponents during their inspection. A complete set of all the documents submitted to SEIAA should be forwarded to the CCF, Regional Office of MoEF, Lucknow / SEIAA, Department of Environment, Government of Rajasthan, Jaipur / RSPCB.	Noted, being complied with.
7.	The Authority reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environment clearance under the provision of the Environment (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner.	Noted, shall be complied with.
8.	The project proponent should advertise in at least two local Newspapers widely circulated in the region, one of which shall be in the vernacular language informing that the project has been accorded environmental Clearance and copies of clearance letters are available with the Rajasthan State Pollution Control Board and may also be seen on the website of the RSPCB. The advertisement should be made within 7 days from the day of issue of the clearance letter and a copy of the same should be forwarded to the Regional Office of MoEF at Lucknow /Department of Ecology and Environment, Government of Rajasthan, Jaipur	Complied with. Published in two local newspapers of the District. जन-सूचना सर्व साधारण को सूचित किया जाता है कि मै. श्रीराम विनायल एंड केमिकल इंडस्ट्रीज (ए यूनिट ऑफ़ डीसीएम श्रीराम लिमिटेड) को उनके डीसीएम श्रीराम कॉम्प्लेक्स कोटा, श्रीराम नगर, तहसील- लाड़पुरा जिला कोटा, राजस्थान के मौजूदा परिसर में स्थित पीवीसी और कैल्शियम कार्बाइड प्लांट का आधुनिकरण से विस्तार (पीवीसी रेजिन 200 TPD से 250 TPD और एसिटिलीन 90 TPD से 110 TPD) के लिए राज्य स्तरीय पर्यावरण प्रभाव आकलन प्राधिकरण, राजस्थान के पत्र क्रमांक F(1) 4/SEIAA/SEAC-Raj/Sects/Project/Cat.5(e)B1 (15054)/2019-20 दिनांक 2 अगस्त 2019 के द्वारा पर्यावरण स्वीकृति प्रदान की गयी है जिसकी विशिष्ट शर्तों के विविध क्रमांक (1) और सामान्य शर्त क्रमांक (8) की अनुपालना में यह जन-सूचना प्रकाशित की जा रही है। उक्त पर्यावरण स्वीकृति की प्रति राजस्थान राज्य प्रदूषण नियंत्रण मंडल में है तथा राजस्थान राज्य प्रदूषण नियंत्रण मंडल की वेबसाइट www.environment.rajasthan.gov.in पर भी देखी जा सकती है। परियोजना प्रस्तावक मै. श्रीराम विनायल एंड केमिकल इंडस्ट्रीज डीसीएम श्रीराम कॉम्प्लेक्स, कोटा श्रीराम नगर, तहसील-लाड़पुरा जिला कोटा जन सूचना सर्व साधारण को सूचित किया जाता है कि मैं श्रीराम विनायल एंड केमिकल इंडस्ट्रीज (ए यूनिट ऑफ डीसीएम श्रीराम लिमिटेड) को उनके डीसीएम श्रीराम काम्प्लेक्स कोटा, श्रीराम नगर तहसील-लाड़पुरा जिला कोटा राजस्थान के मौजूदा परिसर में स्थित पीवीसी और कैल्शियम कार्बाइड प्लांट का आधुनिकरण से विस्तार (पीवीसी रेजिन 200 TPD से 250 TPD और एसिटिलीन 90 TPD से 110 TPD) के लिए राज्य स्तरीय पर्यावरण प्रभाव आकलन प्राधिकरण, राजस्थान के पत्र क्रमांक F (1) 4/SEIAA/SEAC-RAJ/Sects/Project/Cat.5(e) B1 (15054)/2019-20 दिनांक 2 अगस्त 2019 के द्वारा पर्यावरण स्वीकृति प्रदान की गयी है। जिसकी विशिष्ट शर्तों के विविध क्रमांक (1) और सामान्य शर्त क्रमांक (8) की अनुपालना में यह जन-सूचना प्रकाशित की जा रही है। उक्त पर्यावरण स्वीकृति की प्रति राजस्थान राज्य प्रदूषण मंडल में है तथा राजस्थान राज्य प्रदूषण नियंत्रण मंडल की वेबसाइट www.environment.rajasthan.gov.in पर भी देखी जा सकती है। परियोजना प्रस्तावक मै. श्रीराम विनायल एंड केमिकल इंडस्ट्रीज डीसीएम श्रीराम काम्प्लेक्स कोटा श्रीराम नगर तहसील लाड़पुरा जिला कोटा
9.	The above condition shall be enforced	Noted

S. No.	Condition	Status
	among others under the provisions of water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986. the Public Liability (Insurance) Act, 1991 and EIA Notification, 2006, along with their amendments and rules.	
10.	The PP shall obtain prior clearance form forestry and wild Life angle including clearance from standing committee of National Board of Wild Life (if applicable). It is further categorically stated that grant of EC does not necessary imply that Forestry and Wild Life clearance shall be granted to the project and that proposals for forestry and wild Life clearance will be considered by the respective authorities on their merits and decision taken. The investment made in the project, if any based on EC so granted, in anticipation of clearance form Forestry and Wild Life angle shall be entirely at the cost risk of the PP and MOEF/SEIAA shall not be responsible in this regard in any manner.	Noted Wildlife clearance granted vide letter No. F()WLC/CWLW/2019/8567 dated 3rd December 2020 for all the units of DCM Shriram Kota Complex at Shriram Nagar Industrial Area, Kota Rajasthan
11.	The SEIAA, Rajasthan may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	Noted
12.	Main haulage road should be provided with permanent water sprinklers and other roads should be regularly wetted with water tankers fitted with sprinklers. The material transfer points should invariably be provided with Bag filters and or dry fogging system. In case of Belt- conveyors facilities the system should be fully covered to avoid air borne dust; Use of effective sprinkler system to suppress fugitive dust on haul roads and other transport roads shall be ensured.	Expansion is carried out within the existing premises; hence all arrangements are already in place.
13.	Periodic monitoring of ambient air quality shall be carried out for PM10. PM2.5. SPM, SO2 and NOx monitoring. Location of the stations (minimum 6) shall be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring shall be decided in consultation with the Rajasthan State pollution Control Board (RPCB). Six monthly reports of the data so collected	AAQM stations are already provided in consultation with RPCB. Regular monitoring is being carried out for the PM_{10}. $PM_{2.5}$, SO2 and NOx and quarterly reports are being sent to RSPCB as per the CTO conditions. However, reports of ambient air quality monitoring are enclosed.

S. No.	Condition	Status
	shall be regularly submitted to the RPCB/CPCB including the MoEF, Regional office, Lucknow.	
14.	Personnel working in dusty areas shall wear protective respiratory devices they shall also be provided with adequate training and information on safety and health aspects.	Noted and being complied with.
15.	The ambient noise level should conform to the standards prescribed under E(P) A Rules, 1986 viz 75 dB (A) during day time and 70 dB (A) during night times.	Noted and being complied with.
16.	The PP shall submit an environmental statement for the financial year ending 31st March in Form-V as prescribed under the environment (Protection) Rules, 1986, as amended subsequently on or before the 30th day of September every year, to the Rajasthan State Pollution Control Board/SEIAA and shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the Lucknow Regional offices of MoEF/SEIAA by e-mail as well as hard copy duly signed by competent person of company.	Noted & copy of Form-V for FY 2019-20 submitted to the prescribed authorities on 15th Sept.-2020.

Vardan EnviroLab

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Corp. Off.: Plot No. 82A, Sector- 5, IMT Manesar, Gurugram- 122051
MoEF & CC Recognised |ISO 9001 | OHSAS 45001)

Test Report

Sample Number : VEL/S/2007010015
Name & Address of the Party : M/S DCM Shriram Ltd.
Shriram nagar Kota Rajasthan

Report No. : VEL/S/2007010015
Format No : 7.8 F-01
Party Reference No : NIL
Reporting Date : 07/07/2020
Period of Analysis : 01/07/2020 08/07/2020
Receipt Date : 01/07/2020

Sample Description : Stack Emission Monitoring

General Information

Sampling Location	:	20/12 MVA Furnace Stack (Carbide Plant)
Sample Collected by	:	Vardan Envirolab Team
Date of Sampling	:	29/06/2020
Sampling duration (Minutes)	:	40 min. (15.20 pm to 16.00 pm)
Stack attached to	:	Furnace
Make of stack	:	Iron
Diameter of stack(m)	:	3.3 m
Height of stack(m)	:	36.0 m
Instrument calibration status	:	Calibrated
Meteorological Condition	:	Clear Sky
Ambient Temperature - Ta (°C)	:	38°C
Temperature of Stack Gases - Ts (°C)	:	159
Velocity of Stack Gases (m/sec.)	:	13.4
Flow rate of PM (LPM)	:	25.0
Flow rate of Gas (LPM)	:	2.0
Sampling condition	:	Isokinetic
Protocol used	:	IS 11255 & EPA

S.No.	Parameters	Test Method	Results	Units
1	Particulate Matter (as PM)	IS: 11255 (Part1) : 1985,RA 2014	43.84	mg/Nm3

End of Report

(Checked By)

VARDAN ENVIROLAB PVT. LTD.
(Approved By)

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Vardan EnviroLab

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Corp. Off.: Plot No. 82A, Sector- 5, IMT Manesar, Gurugram- 122051
MoEF & CC Recognised |ISO 9001 | OHSAS 45001)

Test Report

Sample Number : VEL/S/2007010016
Name & Address of the Party : M/S DCM Shriram Ltd.
Shriram nagar Kota Rajasthan

Report No. : VEL/S/2007010016
Format No : 7.8 F-01
Party Reference No : NIL
Reporting Date : 07/07/2020
Period of Analysis : 01/07/2020-06/07/2020
Receipt Date : 01/07/2020

Sample Description : Stack Emission Monitoring

General Information

Sampling Location	:	30 MVA Furnace Stack- Carbide Furnace Stack
Sample Collected by	:	Vardan Envirolab Team
Date of Sampling	:	29/06/2020
Sampling duration (Minutes)	:	45 min. (14.00 pm to 14.55 pm)
Stack attached to	:	Bag House
Make of stack	:	Iron
Diameter of stack(m)	:	3 m
Height of stack(m)	:	32.0 m
Instrument calibration status	:	Calibrated
Meteorological Condition	:	Clear Sky
Ambient Temperature - Ta (°C)	:	35
Temperature of Stack Gases - Ts (°C)	:	132
Velocity of Stack Gases (m/sec.)	:	12.62
Flow rate of PM (LPM)	:	23.0
Flow rate of Gas (LPM)	:	2.0
Sampling Condition	:	Isokinetic
Protocol used	:	IS 11255 & EPA

S.No.	Parameters	Test Method	Results	Units
1	Particulate Matter (as PM)	IS: 11255 (Part1) : 1985,RA 2014	39.33	mg/Nm3

End of Report

(Checked By)

VARDAN ENVIROLAB JAIPUR

(Approved By)

Page No. 1/1

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Vardan EnviroLab

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MoEF & CC Recognised |ISO 9001 | OHSAS 45001)

Test Report

Sample Number : VEL/S/2007010017
Name & Address of the Party : M/S DCM Shriram Ltd.
Shriram nagar Kota Rajasthan

Report No. : VEL/S/2007010017
Format No : 7.8 F-01
Party Reference No : NIL
Reporting Date : 07/07/2020
Period of Analysis : 01/07/2020 06/07/2020
Receipt Date : 01/07/2020

Sample Description : Stack Emission Monitoring

General Information

Sampling Location	:	20/12 MVA Tap Hole Stack
Sample Collected by	:	Vardan Envirolab Team
Date of Sampling	:	29/06/2020
Sampling duration (Minutes)	:	53 min. (13.00 pm to 13.53 pm)
Stack attached to	:	Bag House
Make of stack	:	Iron
Diameter of stack(m)	:	0.85 m
Height of stack(m)	:	32.0 m
Instrument calibration status	:	Calibrated
Meteorological Condition	:	Clear Sky
Ambient Temperature - Ta (°C)	:	35
Temperature of Stack Gases - Ts (°C)	:	64
Velocity of Stack Gases (m/sec.)	:	10.42
Flow rate of PM (LPM)	:	19.0
Flow rate of Gas (LPM)	:	2.0
Sampling condition	:	Isokinetic
Protocol used	:	IS 11255 & EPA

S.No.	Parameters	Test Method	Results	Units
1	Particulate Matter (as PM)	IS: 11255 (Part1) : 1985,RA 2014	42.28	mg/Nm3

End of Report

(Checked By)

VARDAN ENVIRO LAB JAIPUR

(Approved By)

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Vardan EnviroLab

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Corp. Off.: Plot No. 82A, Sector- 5, IMT Manesar, Gurugram- 122051
MoEF & CC Recognised |ISO 9001 | OHSAS 45001)

Test Report

Sample Number : VEL/S/2007010018
Name & Address of the Party : M/S DCM Shriram Ltd.
Shriram nagar Kota Rajasthan

Report No. : VEL/S/2007010018
Format No : 7.8 F-01
Party Reference No : NIL
Reporting Date : 07/07/2020
Period of Analysis : 01/07/2020 06/07/2020
Receipt Date : 01/07/2020

Sample Description : Stack Emission Monitoring

General Information

Sampling Location	:	30 MVA Tap Hole
Sample Collected by	:	Vardan Envirolab Team
Date of Sampling	:	29/06/2020
Sampling duration (Minutes)	:	29 min. (12.00 pm to 12.29 pm)
Stack attached to	:	Bag House
Make of stack	:	Iron
Diameter of stack(m)	:	1.0 m
Height of stack(m)	:	32.0 m
Instrument calibration status	:	Calibrated
Meteorological Condition	:	Clear Sky
Ambient Temperature - Ta (°C)	:	34
Temperature of Stack Gases - Ts (°C)	:	73
Velocity of Stack Gases (m/sec.)	:	18.21
Flow rate of PM (LPM)	:	34.0
Flow rate of Gas (LPM)	:	2.0
Sampling condition	:	Isokinetic
Protocol used	:	IS 11255 & EPA

S.No.	Parameters	Test Method	Results	Units
1	Particulate Matter (as PM)	IS: 11255 (Part1) : 1985,RA 2014	46.52	mg/Nm3

End of Report

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Page No. 1/1

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Vardan EnviroLab

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TC-6652

Test Report

Sample Number : VEL/DCM SHRIRAM/S/01
Name & Address of the Party : M/S DCM Shriram Ltd
Shriram nagar Kota Rajasthan

Report No. : VEL/S/2009120001/A
Format No : 7.8 F 01
Party Reference No : NIL
Reporting Date : 17/09/2020
Period of Analysis : 12/09/2020-17/09/2020
Receipt Date : 12/09/2020

Sample Description : **Stack Emission Monitoring**

General Information

Sampling Location	:	20/12 MVA Furnace Stack
Sample Collected by	:	VEL Team
Date of Sampling	:	10/09/2020
Sampling duration (Minutes)	:	22 Min. (9.30 to 9.52 Hrs.)
Stack attached to	:	Furnace
Make of stack	:	Iron
Diameter of stack(m)	:	3.3 m.
Height of stack(m)	:	36 m.
Instrument calibration status	:	Calibrated
Meteorological Condition	:	Clear Sky
Ambient Temperature - Ta (°C)	:	34
Temperature of Stack Gases - Ts (°C)	:	145
Velocity of Stack Gases (m/sec.)	:	15.13
Flow rate of PM (LPM)	:	47
Flow rate of Gas (LPM)	:	--
Sampling condition	:	OK
Protocol used	:	IS 11255 & EPA

S.No.	Parameters	Test Method	Results	Units	Limits
1	Particulate Matter (as PM)	IS: 11255 (Part1) : 1985,RA 2014	45.58	mg/Nm3	150.0

End of Report

(Checked By)

(Approved By)

VARDAN ENVIROLAB * Authorised Signatory *

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Vardan EnviroLab

Laboratory: Plot No. 24, 25, Narayan Vihar B Block, Jaipur (Raj.) 302035
Corp. Off.: Plot No. 82A, Sector- 5, IMT Manesar, Gurugram- 122051
MoEF & CC Recognised |ISO 9001 | OHSAS 45001)

TC-6652

Test Report

Sample Number : VEL/DCM SHRIRAM/S/02
Name & Address of the Party : M/S DCM Shriram Ltd.
Shriram nagar Kota Rajasthan

Report No. : VEL/S/2009120002/A
Format No : 7.8 F-01
Party Reference No : NIL
Reporting Date : 18/09/2020
Period of Analysis : 12/09/2020-18/09/2020
Receipt Date : 12/09/2020

Sample Description : Stack Emission Monitoring

General Information

Sampling Location	:	30 MVA Carbide Furnace Stack
Sample Collected by	:	VEL Team
Date of Sampling	:	09/09/2020
Sampling duration (Minutes)	:	25 Min. (15.35 to 16.00 Hrs.)
Stack attached to	:	Bag House
Make of stack	:	Iron
Diameter of stack(m)	:	3.0 m.
Height of stack(m)	:	32 m.
Instrument calibration status	:	Calibrated
Meteorological Condition	:	Clear Sky
Ambient Temperature - Ta (°C)	:	34
Temperature of Stack Gases - Ts (°C)	:	133
Velocity of Stack Gases (m/sec.)	:	12.60
Flow rate of PM (LPM)	:	40
Flow rate of Gas (LPM)	:	--
Sampling condition	:	OK
Protocol used	:	IS 11255 & EPA

S.No.	Parameters	Test Method	Results	Units	Limits
1	Particulate Matter (as PM)	IS: 11255 (Part1) : 1985,RA 2014	38.61	mg/Nm3	150.0

End of Report

(Checked By)

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VARDAN ENVIROLAB * JAIPUR * Authorised Signatory

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Vardan EnviroLab

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MoEF & CC Recognised |ISO 9001 | OHSAS 45001)

TC-6652

Test Report

Sample Number : VEL/DCM SHRIRAM/S/03
Name & Address of the Party : M/S DCM Shriram Ltd.
Shriram nagar Kota Rajasthan

Report No. : VEL/S/2009120003/A
Format No : 7.8 F-01
Party Reference No : NIL
Reporting Date : 18/09/2020
Period of Analysis : 12/09/2020-18/09/2020
Receipt Date : 12/09/2020

Sample Description : **Stack Emission Monitoring**

General Information

Sampling Location	:	12/20 MVA Tap Hole Stack
Sample Collected by	:	VEL Team
Date of Sampling	:	09/09/2020
Sampling duration (Minutes)	:	21 Min. (17.10 to 17.31 Hrs.)
Stack attached to	:	Bag House
Make of stack	:	Iron
Diameter of stack(m)	:	0.85 m.
Height of stack(m)	:	32 m.
Instrument calibration status	:	Calibrated
Meteorological Condition	:	Clear Sky
Ambient Temperature - Ta (°C)	:	34
Temperature of Stack Gases - Ts (°C)	:	77
Velocity of Stack Gases (m/sec.)	:	13.34
Flow rate of PM (LPM)	:	49
Flow rate of Gas (LPM)	:	--
Sampling condition	:	OK
Protocol used	:	IS 11255 & EPA

S.No.	Parameters	Test Method	Results	Units	Limits
1	Particulate Matter (as PM)	IS: 11255 (Part1) : 1985,RA 2014	41.98	mg/Nm3	150.0

End of Report

(Checked By)

VARDAN ENVIROLAB JAIPUR Authorised Signatory
(Approved By)

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Vardan EnviroLab

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Corp. Off.: Plot No. 82A, Sector- 5, IMT Manesar, Gurugram- 122051
MoEF & CC Recognised |ISO 9001 | OHSAS 45001|

TC-6652

Test Report

Sample Number : VEL/DCM SHRIRAM/S/04
Name & Address of the Party : M/S DCM Shriram Ltd.
Shriram nagar Kota Rajasthan

Report No. : VEL/S/2009120004/A
Format No : 7.8 F-01
Party Reference No : NIL
Reporting Date : 18/09/2020
Period of Analysis : 12/09/2020-18/09/2020
Receipt Date : 12/09/2020

Sample Description : **Stack Emission Monitoring**

General Information

Sampling Location	:	30 MVA Tap Hole
Sample Collected by	:	VEL Team
Date of Sampling	:	09/09/2020
Sampling duration (Minutes)	:	28 Min. (16.20 to 16.48 Hrs.)
Stack attached to	:	Bag House
Make of stack	:	Iron
Diameter of stack(m)	:	1.0 m.
Height of stack(m)	:	32 m.
Instrument calibration status	:	Calibrated
Meteorological Condition	:	Clear Sky
Ambient Temperature - Ta (°C)	:	35
Temperature of Stack Gases - Ts (°C)	:	69
Velocity of Stack Gases (m/sec.)	:	9.68
Flow rate of PM (LPM)	:	37
Flow rate of Gas (LPM)	:	--
Sampling condition	:	OK
Protocol used	:	IS 11255 & EPA

S.No.	Parameters	Test Method	Results	Units	Limits
1	Particulate Matter (as PM)	IS: 11255 (Part1) : 1985,RA 2014	42.92	mg/Nm3	150.0

End of Report

(Checked By)

VARDAN ENVIROLAB JAIPUR Authorised Signatory
(Approved By)

Note: a) The results listed refer only to the tested samples & applicable parameters
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c) The Sample will be destroyed after retention time unless otherwise specified
d) This report is not to be reproduced wholly or in part and cannot be used as evidence in the court of law

Vardan EnviroLab

Laboratory: Plot No. 24, 25, Narayan Vihar B Block, Jaipur (Raj.) 302035
Corp. Off.: Plot No. 82A, Sector- 5, IMT Manesar, Gurugram- 122051
MoEF & CC Recognised |ISO 9001 | OHSAS 45001)

Test Report

Sample Number : VEL/A/2007010022
Name & Address of the Party : M/S DCM Shriram Ltd.
Shriram nagar Kota Rajasthan

Report No. : VEL/A/2007010022
Format No : 7.8 F-01
Party Reference No : NIL
Reporting Date : 09/07/2020
Period of Analysis : 01/07/2020-09/07/2020
Receipt Date : 01/07/2020

Sample Description : AMBIENT AIR

General Information

Sampling Location	:	Near PVC Plant
Sample Collected by	:	Vardan Envirolab Team
Sampling Equipment used	:	RDS/FPS
Instrument Code	:	VEL/RDS/FPS/01
Instrument Calibration Status	:	Calibrated
Latitude	:	--
Longitude	:	--
Meteorological condition during monitoring	:	Clear Sky
Date of Monitoring	:	29/06/2020 To 30/06/2020
Time of Monitoring	:	14.00 PM to 14.00 PM
Ambient Temperature (°C)	:	Min. 25° Max. 40°
Surrounding Activity	:	Human, Vehicular Plant Act.
Scope of Monitoring	:	Regulatory Requirment
Sampling & Analysis Protocol	:	IS :5182
Sampling Duration	:	24 Hrs.
Parameter Required	:	As Per Work Order

S.No.	Parameters	Test Method	Results	Units	Limit as per CPCB
1	Particulate Matter (as PM -10)	IS:5182 (P-23), Gravimetric Method, RA:2006	78.43	µg/m³	100
2	Particulate Matter (as PM - 2.5)	IS: 5182 (P-24), 2019	31.77	µg/m³	60
3	Nitrogen Dioxides (as NO2)	IS:5182 (P-6), Jacob & Hochheiser, RA:2006	20.44	µg/m³	80
4	Sulphur Dioxide (as SO2)	IS:5182 (P-2), Modified West and Gaeke, RA:2012	16.35	µg/m³	80
5	Carbon Monoxide (as CO)	IS:5182 (P-10) Gas Chromatography, RA:2003	0.48	mg/m³	4.0
6	Benzene (as C6H6)	IS:5182 (P-11) :2004	*BDL(**DL-2.0 µg/m3)	µg/m³	5.0
7	Ammonia (as NH3)	Methods of air sampling and analysis,3rd ed.,1988, Method No. 401	10.81	µg/m³	400.0
8	Ozone (as O3)	IS:5182 (P-9), Colorimetric Method, RA:2003	20.80	µg/m³	180.0
9	Lead (as Pb)	IS:5182 (P-22),Air Acetylene Method, RA:2009	0.18	µg/m³	1.0
10	Arsenic (as As)	Methods of air sampling and	*BDL(**DL-1.0	ng/m³	6.0

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VARDAN ENVIRO LAB JAIPUR

Vardan EnviroLab

Laboratory: Plot No. 24, 25, Narayan Vihar B Block, Jaipur (Raj.) 302035
Corp. Off.: Plot No. 82A, Sector 5, IMT Manesar, Gurugram- 122051
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Test Report

Sample Number : VEL/A/2007010022 Report No. : VEL/A/2007010022

S.No.	Parameters	Test Method	Results	Units	Limit as per CPCB
10		analysis,3rd ed.,1988, Method No.302	ng/m3)		
11	Nickel (as Ni)	USEPA compendium IO-3.2,1999	3.45	ng/m³	20.0
12	Benzo (alpha) Pyrine Particulate Phase Only	IO-5109 (D-19) 2004	*BDL(**DL-2.0 ng/m3)	ng/m³	1.0
13	Mercury (Hg)	Methods of air sampling and analysis,3rd ed.,1988, Method No.317	*BDL(**DL-1.0 ng/m3)	µg/m³	--

End of Report

(Tested By)

VARDAN ENVIROLAB JAIPUR (Approved By)

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Vardan EnviroLab

Laboratory: Plot No. 24, 25, Narayan Vihar B Block, Jaipur (Raj.) 302035
Corp. Off.: Plot No. 82A, Sector- 5, IMT Manesar, Gurugram- 122051
MoEF & CC Recognised |ISO 9001 | OHSAS 45001)

Test Report

Sample Number : VEL/A/2007010023
Name & Address of the Party : M/S DCM Shriram Ltd.
Shriram nagar Kota Rajasthan

Report No. : VEL/A/2007010023
Format No : 7.8 F-01
Party Reference No : Nil
Reporting Date : 09/07/2020
Period of Analysis : 01/07/2020 09/07/2020
Receipt Date : 01/07/2020

Sample Description : AMBIENT AIR

General Information

Sampling Location	:	Near Railway Side Power Plant
Sample Collected by	:	Vardan Envirolab Team
Sampling Equipment used	:	RDS/FPS
Instrument Code	:	VEL/RDS/FPS/02
Instrument Calibration Status	:	Calibrated
Latitude	:	--
Longitude	:	--
Meteorological condition during monitoring	:	Clear Sky
Date of Monitoring	:	29/06/2020 To 30/06/2020
Time of Monitoring	:	14.30 PM to 14.30 PM
Ambient Temperature (°C)	:	Min. 25° Max. 41°
Surrounding Activity	:	Human, Vehicular Act.
Scope of Monitoring	:	Regulatory Requirment
Sampling & Analysis Protocol	:	IS :5182
Sampling Duration	:	24 Hrs.
Parameter Required	:	As Per Work Order

S.No.	Parameters	Test Method	Results	Units	Limit as per CPCB
1	Particulate Matter (as PM -10)	IS:5182 (P-23), Gravimetric Method, RA:2006	87.83	µg/m³	100
2	Particulate Matter (as PM - 2.5)	IS: 5182 (P-24), 2019	39.56	µg/m³	60
3	Nitrogen Dioxides (as NO2)	IS:5182 (P-6), Jacob & Hochheiser, RA:2006	29.45	µg/m³	80
4	Sulphur Dioxide (as SO2)	IS:5182 (P-2), Modified West and Gaeke, RA:2012	14.42	µg/m³	80
5	Carbon Monoxide (as CO)	IS:5182 (P-10) Gas Chromatography, RA:2003	0.62	mg/m³	4.0
6	Benzene (as C6H6)	IS:5182 (P-11) :2004	*BDL(**DL 2.0 µg/m3)	µg/m³	5.0
7	Ammonia (as NH3)	Methods of air sampling and analysis,3rd ed.,1988, Method No. 401	10.81	µg/m³	400.0
8	Ozone (as O3)	IS:5182 (P-9), Colorimetric Method, RA:2003	22.59	µg/m³	180.0
9	Lead (as Pb)	IS:5182 (P-22),Air Acetylene Method, RA:2009	0.18	µg/m³	1.0
10	Arsenic (as As)	Methods of air sampling and	*BDL(**DL-1.0	ng/m³	6.0

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VARDAN ENVIROLAB JAIPUR

Vardan EnviroLab

Laboratory: Plot No. 24, 25, Narayan Vihar B Block, Jaipur (Raj.) 302035
Corp. Off.: Plot No. 82A, Sector- 5, IMT Manesar, Gurugram- 122051
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Test Report

Sample Number : VEL/A/2007010023 Report No. : VEL/A/2007010023

S.No.	Parameters	Test Method	Results	Units	Limit as per CPCB
10		analysis,3rd ed.,1988, Method No.302	ng/m3)		
11	Nickel (as Ni)	USEPA compendium IO-3.2,1999	6.24	ng/m³	20.0
12	Benzo (alpha) Pyrine-Particulate Phase Only	IS:5182 (P-12):2004	*BDL(**DL-5.0 ng/m3)	ng/m³	1.0
13	Mercury (Hg)	Methods of air sampling and analysis,3rd ed.,1988, Method No.317	*BDL(**DL-1.0 ng/m3)	µg/m³	--

*BDL-Below Detection Limit, **DL-Detection Limit

End of Report

(Tested By)

VARDAN ENVIRO JAIPUR

(Approved By)

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Vardan EnviroLab

Laboratory: Plot No. 24, 25, Narayan Vihar B Block, Jaipur (Raj.) 302035
Corp. Off.: Plot No. 82A, Sector 5, IMT Manesar, Gurugram- 122051
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Test Report

Sample Number : VEL/A/2007010024
Name & Address of the Party : M/S DCM Shriram Ltd.
Shriram nagar Kota Rajasthan

Report No. : VEL/A/2007010024
Format No : 7.8 F-01
Party Reference No : NIL
Reporting Date : 09/07/2020
Period of Analysis : 01/07/2020-09/07/2020
Receipt Date : 01/07/2020

Sample Description : AMBIENT AIR

General Information

Sampling Location	:	Near Kalamandir,Outside DCM Shriram Complex
Sample Collected by	:	Vardan Envirolab Team
Sampling Equipment used	:	RDS/FPS
Instrument Code	:	VEL/RDS/FPS/01
Instrument Calibration Status	:	Calibrated
Latitude	:	--
Longitude	:	--
Meteorological condition during monitoring	:	Clear Sky
Date of Monitoring	:	30/06/2020 To 01/07/2020
Time of Monitoring	:	14.66 PM to 14.66 PM
Ambient Temperature (°C)	:	Min. 26° Max. 42°
Surrounding Activity	:	Human, Vehicular Act.
Scope of Monitoring	:	Regulatory Requirment
Sampling & Analysis Protocol	:	IS :5182
Sampling Duration	:	24 Hrs.
Parameter Required	:	As Per Work Order

S.No.	Parameters	Test Method	Results	Units	Limit as per CPCB
1	Particulate Matter (as PM -10)	IS:5182 (P-23), Gravimetric Method, RA:2006	83.92	µg/m³	100
2	Particulate Matter (as PM - 2.5)	IS: 5182 (P-24), 2019	36.17	µg/m³	60
3	Nitrogen Dioxides (as NO2)	IS:5182 (P-6), Jacob & Hochheiser, RA:2006	21.41	µg/m³	80
4	Sulphur Dioxide (as SO2)	IS:5182 (P-2), Modified West and Gaeke, RA:2012	12.35	µg/m³	80
5	Carbon Monoxide (as CO)	IS:5182 (P-10) Gas Chromatography, RA:2003	0.53	mg/m³	4.0
6	Benzene (as C6H6)	IS:5182 (P-11) :2004	*BDL(**DL-2.0 µg/m3)	µg/m³	5.0
7	Ammonia (as NH3)	Methods of air sampling and analysis,3rd ed.,1988, Method No. 401	15.54	µg/m³	400.0
8	Ozone (as O3)	IS:5182 (P-9), Colorimetric Method, RA:2003	15.15	µg/m³	180.0
9	Lead (as Pb)	IS:5182 (P-22),Air Acetylene Method, RA:2009	0.17	µg/m³	1.0
10	Arsenic (as As)	Methods of air sampling and	*BDL(**DL-1.0	ng/m³	6.0

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Vardan EnviroLab

Laboratory: Plot No. 24, 25, Narayan Vihar B Block, Jaipur (Raj.) 302035
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Test Report

Sample Number : VEL/A/2007010024 Report No. : VEL/A/2007010024

S.No.	Parameters	Test Method	Results	Units	Limit as per CPCB
10		analysis,3rd ed.,1988, Method No.302	ng/m3)		
11	Nickel (as Ni)	USEPA compendium IO-3.2,1999	3.07	ng/m³	20.0
12	Benzo (alpha) Pyrino Particulate Phase Only	IS:5182 (P-12):2004	*BDL(**DL-5.0 ng/m3)	ng/m³	1.0
13	Mercury (Hg)	Methods of air sampling and analysis,3rd ed.,1988, Method No.317	*BDL (**DL-1.0 ng/m3)	µg/m³	

*BDL-Below Detection Limit, **DL-Detection Limit

End of Report

(Tested By)

(Approved By)

VARDAN ENVIROLAB JAIPUR

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Vardan EnviroLab

Laboratory: Plot No. 24, 25, Narayan Vihar B Block, Jaipur (Raj.) 302035
Corp. Off.: Plot No. 82A, Sector- 5, IMT Manesar, Gurugram- 122051
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Test Report

Sample Number : VEL/A/2007010025
Name & Address of the Party : M/S DCM Shriram Ltd.
Shriram nagar Kota Rajasthan

Report No. : VEL/A/2007010025
Format No : 7.8 F-01
Party Reference No : NIL
Reporting Date : 09/07/2020
Period of Analysis : 01/07/2020-09/07/2020
Receipt Date : 01/07/2020

Sample Description : AMBIENT AIR

General Information

Sampling Location	:	Material Gate
Sample Collected by	:	Vardan Envirolab Team
Sampling Equipment used	:	RDS/FPS
Instrument Code	:	VEL/RDS/FPS/02 & OVS
Instrument Calibration Status	:	Calibrated
Latitude	:	--
Longitude	:	--
Meteorological condition during monitoring	:	Clear Sky
Date of Monitoring	:	29/06/2020 To 30/06/2020
Time of Monitoring	:	15.00 PM to 15.00 PM
Ambient Temperature (°C)	:	Min. 25° Max. 40°
Surrounding Activity	:	Human, Vehicular & Plant Act.
Scope of Monitoring	:	Regulatory Requirment
Sampling & Analysis Protocol	:	IS :5182
Sampling Duration	:	24 Hrs.
Parameter Required	:	As Per Work Order

S.No.	Parameters	Test Method	Results	Units	Limit as per CPCB
1	Particulate Matter (as PM -10)	IS:5182 (P-23), Gravimetric Method, RA:2006	86.97	µg/m³	100
2	Particulate Matter (as PM - 2.5)	IS: 5182 (P-24), 2019	38.72	µg/m³	60
3	Nitrogen Dioxides (as NO2)	IS:5182 (P-6), Jacob & Hochheiser, RA:2006	22.65	µg/m³	80
4	Sulphur Dioxide (as SO2)	IS:5182 (P-2), Modified West and Gaeke, RA:2012	16.47	µg/m³	80
5	Carbon Monoxide (as CO)	IS:5182 (P-10) Gas Chromatography, RA:2003	0.62	mg/m³	4.0
6	Benzene (as C6H6)	IS:5182 (P-11) :2004	*BDL(**DL-2.0 µg/m3)	µg/m³	5.0
7	Ammonia (as NH3)	Methods of air sampling and analysis,3rd ed.,1988, Method No. 401	15.54	µg/m³	400.0
8	Ozone (as O3)	IS:5182 (P-9), Colorimetric Method, RA:2003	18.74	µg/m³	180.0
9	Lead (as Pb)	IS:5182 (P-22),Air Acetylene Method, RA:2009	0.21	µg/m³	1.0
10	Arsenic (as As)	Methods of air sampling and	*BDL(**DL-1.0	ng/m³	6.0

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VARDAN ENVIROLAB JAIPUR

Vardan EnviroLab

Laboratory: Plot No. 24, 25, Narayan Vihar B Block, Jaipur (Raj.) 302035
Corp. Off.: Plot No. 82A, Sector- 5, IMT Manesar, Gurugram- 122051
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Test Report

Sample Number : VEL/A/2007010025 **Report No.** : VEL/A/2007010025

S.No.	Parameters	Test Method	Results	Units	Limit as per CPCB
10		analysis,3rd ed.,1988, Method No.302	ng/m3)		
11	Nickel (as Ni)	USEPA compendium IO-3.2,1999	4.64	ng/m³	20.0
12	Benzo (alpha) Pyrine-Particulate Phase Only	IS:5182 (P-12):2004	*BDL(**DL-5.0 ng/m3)	ng/m³	1.0
13	Mercury (Hg)	Methods of air sampling and analysis,3rd ed.,1988, Method No.317	*BDL(**DL 1.0 ng/m3)	µg/m³	--

* BDL Below Detection Limit ** DL Detection Limit

End of Report

(Tested By)

VARDAN ENVIROLAB JAIPUR

(Approved By)

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Vardan EnviroLab

Laboratory: Plot No. 24, 25, Narayan Vihar B Block, Jaipur (Raj.) 302035
Corp. Off.: Plot No. 82A, Sector- 5, IMT Manesar, Gurugram- 122051
MoEF & CC Recognised |ISO 9001 | OHSAS 45001)

Test Report

Sample Number : VEL/A/2007010026
Name & Address of the Party : M/S DCM Shriram Ltd.
Shriram nagar Kota Rajasthan

Report No. : VEL/A/2007010026
Format No : 7.8 F-01
Party Reference No : NIL
Reporting Date : 09/07/2020
Period of Analysis : 01/07/2020-09/07/2020
Receipt Date : 01/07/2020

Sample Description : AMBIENT AIR

General Information

Sampling Location	:	Near Gail Office
Sample Collected by	:	Vardan Envirolab Team
Sampling Equipment used	:	RDS/FPS
Instrument Code	:	VEL/RDS/FPS/04 & OVS
Instrument Calibration Status	:	Calibrated
Latitude	:	--
Longitude	:	--
Meteorological condition during monitoring	:	Clear Sky
Date of Monitoring	:	29/06/2020 To 30/06/2020
Time of Monitoring	:	14.30 PM to 14.30 PM
Ambient Temperature (°C)	:	Min. 26° Max. 40°
Surrounding Activity	:	Human, Vehicular & Plant Act.
Scope of Monitoring	:	Regulatory Requirment
Sampling & Analysis Protocol	:	IS :5182
Sampling Duration	:	24 Hrs.
Parameter Required	:	As Per Work Order

S.No.	Parameters	Test Method	Results	Units	Limit as per CPCB
1	Particulate Matter (as PM -10)	IS:5182 (P-23), Gravimetric Method, RA:2006	78.44	µg/m³	100
2	Particulate Matter (as PM - 2.5)	IS: 5182 (P-24), 2019	36.12	µg/m³	60
3	Nitrogen Dioxides (as NO2)	IS:5182 (P-6), Jacob & Hochheiser, RA:2006	30.88	µg/m³	80
4	Sulphur Dioxide (as SO2)	IS:5182 (P-2), Modified West and Gaeke, RA:2012	12.65	µg/m³	80
5	Carbon Monoxide (as CO)	IS:5182 (P-10) Gas Chromatography, RA:2003	0.75	mg/m³	4.0
6	Benzene (as C6H6)	IS:5182 (P-11) :2004	*BDL(**DL-2.0 µg/m3)	µg/m³	5.0
7	Ammonia (as NH3)	Methods of air sampling and analysis,3rd ed.,1988, Method No. 401	24.15	µg/m³	400.0
8	Ozone (as O3)	IS:5182 (P-9), Colorimetric Method, RA:2003	8.37	µg/m³	180.0
9	Lead (as Pb)	IS:5182 (P-22),Air Acetylene Method, RA:2009	0.20	µg/m³	1.0
10	Arsenic (as As)	Methods of air sampling and	*BDL(**DL-1.0	ng/m³	6.0

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VARDAN ENVIROLAB JAIPUR

Vardan EnviroLab

Laboratory: Plot No. 24, 25, Narayan Vihar B Block, Jaipur (Raj.) 302035
Corp. Off.: Plot No. 82A, Sector- 5, IMT Manesar, Gurugram- 122051
MoEF & CC Recognised |ISO 9001 | OHSAS 45001)

Test Report

Sample Number : VEL/A/2007010026 Report No. : VEL/A/2007010026

S.No.	Parameters	Test Method	Results	Units	Limit as per CPCB
10		analysis,3rd ed.,1988, Method No.302	ng/m3)		
11	Nickel (as Ni)	USEPA compendium IO-3.2,1999	4.59	ng/m³	20.0
12	Benzo (alpha) Pyrine-Particulate Phase Only	IS:5182 (P-12):2004	*BDL(**DL-5.0 ng/m3)	ng/m³	1.0
13	Mercury (Hg)	Methods of air sampling and analysis,3rd ed.,1988, Method No.317	*BDL(**DL-1.0 ng/m3)	µg/m³	--

* BDL-Below Detection Limit ** DL-Detection Limit

End of Report

(Tested By)

VARDAN ENVIROLAB JAIPUR

(Approved By)

Note: a) The results listed refer only to the tested samples & applicable parameters
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Vardan EnviroLab

Laboratory: Plot No. 24, 25, Narayan Vihar B Block, Jaipur (Raj.) 302035
Corp. Off.: Plot No. 82A, Sector- 5, IMT Manesar, Gurugram- 122051
MoEF & CC Recognised |ISO 9001 | OHSAS 45001)

TC-6652

Test Report

Sample Number : VEL/DCM SHRIRAM/AA/04
Name & Address of the Party : M/S DCM Shriram Ltd.
Shriram nagar Kota Rajasthan

Report No. : VEL/A/2009120002/A
Format No : 7.8 F-01
Party Reference No : NIL
Reporting Date : 19/09/2020
Period of Analysis : 12/09/2020-19/09/2020
Receipt Date : 12/09/2020

Sample Description : **AMBIENT AIR**

General Information

Sampling Location	:	Material Gate
Sample Collected by	:	VEL Team
Sampling Equipment used	:	RDS/FPS
Instrument Code	:	VEL/RDS/05/FPS/07
Instrument Calibration Status	:	Calibrated
Latitude	:	--
Longitude	:	--
Meteorological condition during monitoring	:	Clear Sky
Date of Monitoring	:	09/09/2020 To 10/09/2020
Time of Monitoring	:	11.40 TO 11.40 Hrs.
Ambient Temperature (°C)	:	Min. 23° Max 32°
Surrounding Activity	:	Human & Vehicular & Plant Activity
Scope of Monitoring	:	Regulatory Requirment
Sampling & Analysis Protocol	:	IS :5182
Sampling Duration	:	24 Hrs.
Parameter Required	:	As Per Work Order

S.No.	Parameters	Test Method	Results	Units	Limit as per CPCB
1	Particulate Matter (as PM -10)	IS:5182 (P- 23)-2006,RA. 2017	85.43	µg/m³	100
2	Particulate Matter (as PM - 2.5)	IS:5182 (P- 24)-2001, RA. 2017	39.12	µg/m³	60
3	Nitrogen Dioxides (as NO2)	IS:5182 (P- 6)-2006 RA.2017	20.86	µg/m³	80
4	Sulphur Dioxide (as SO2)	IS:5182 (P- 2)-2001, RA. 2017	15.62	µg/m³	80
5	Benzene (as C6H6)	IS 5182 (P-11)-2006 RA.2017	BDL (*DL1.0 µg/m³)	µg/m³	5.0
6	Ammonia (as NH3)	Methods of air sampling and analysis,3rd ed.,1988, Method No. 401	7.87	µg/m³	400.0
7	Ozone (as O3)	IS 5182 (P-9):1974 RA.2014	20.44	µg/m³	180.0
8	Lead (as Pb)	IS 5182 (P-22) : 2004 RA.2014	BDL (*DL 0.02 µg/m³)	µg/m³	1.0
9	Arsenic (as As)	Methods of air sampling and analysis,3rd ed.,1988, Method No.302	BDL (*DL1.0 ng/m³)	ng/m³	6.0
10	Nickel (as Ni)	USEPA compendium IO-3.2,1999	5.03	ng/m³	20.0
11	Benzo (alpha) Pyrine-Particulate Phase Only	IS:5182 (P-12):2004 RA.2014	BDL (*DL 0.5 ng/m³)	ng/m³	1.0

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Vardan EnviroLab

Laboratory: Plot No. 24, 25, Narayan Vihar B Block, Jaipur (Raj.) 302035
Corp. Off.: Plot No. 82A, Sector- 5, IMT Manesar, Gurugram- 122051
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TC-6652

Test Report

Sample Number : VEL/DCM SHRIRAM/AA/04 **Report No.** : VEL/A/2009120002/A

End of Report

(Checked By)

(Approved By)

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Corp. Off.: Plot No. 82A, Sector- 5, IMT Manesar, Gurugram- 122051
MoEF & CC Recognised |ISO 9001 | OHSAS 45001)

Test Report

Sample Number : VEL/DCM SHRIRAM/AA/04
Name & Address of the Party : M/S DCM Shriram Ltd.
Shriram nagar Kota Rajasthan

Report No. : VEL/A/2009120002/B
Format No : 7.8 F-01
Party Reference No : NIL
Reporting Date : 19/09/2020
Period of Analysis : 12/09/2020-19/09/2020
Receipt Date : 12/09/2020

Sample Description : **AMBIENT AIR**

General Information

Sampling Location	:	Material Gate
Sample Collected by	:	VEL Team
Sampling Equipment used	:	RDS/FPS
Instrument Code	:	VEL/RDS/05/FPS/07
Instrument Calibration Status	:	Calibrated
Latitude	:	--
Longitude	:	--
Meteorological condition during monitoring	:	Clear Sky
Date of Monitoring	:	09/09/2020 To 10/09/2020
Time of Monitoring	:	11.40 TO 11.40 Hrs.
Ambient Temperature (°C)	:	Min. 23° Max 32°
Surrounding Activity	:	Human & Vehicular & Plant Activity
Scope of Monitoring	:	Regulatory Requirment
Sampling & Analysis Protocol	:	IS :5182
Sampling Duration	:	24 Hrs.
Parameter Required	:	As Per Work Order

S.No.	Parameters	Test Method	Results	Units	Limit as per CPCB
1	Carbon Monoxide (as CO)	By Analyzer	0.66	mg/m³	4.0

End of Report

(Checked By)

VARDAN ENVIROLAB Authorised Signatory

(Approved By)

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Vardan EnviroLab

Laboratory: Plot No. 24, 25, Narayan Vihar B Block, Jaipur (Raj.) 302035
Corp. Off.: Plot No. 82A, Sector- 5, IMT Manesar, Gurugram- 122051
MoEF & CC Recognised ISO 9001 | OHSAS 45001)

TC-6652

Test Report

Sample Number : VEL/DCM SHRIRAM/AA/02
Name & Address of the Party : M/S DCM Shriram Ltd.
Shriram nagar Kota Rajasthan

Report No. : VEL/A/2009120003/A
Format No : 7.8 F-01
Party Reference No : NIL
Reporting Date : 19/09/2020
Period of Analysis : 12/09/2020-19/09/2020
Receipt Date : 12/09/2020

Sample Description : **AMBIENT AIR**

General Information

Sampling Location	:	Near Gail Office
Sample Collected by	:	VEL Team
Sampling Equipment used	:	RDS/FPS
Instrument Code	:	VEL/RDS/05/FPS/07
Instrument Calibration Status	:	Calibrated
Latitude	:	--
Longitude	:	--
Meteorological condition during monitoring	:	Clear Sky
Date of Monitoring	:	08/09/2020 To 09/09/2020
Time of Monitoring	:	11.15 TO 11.15 Hrs.
Ambient Temperature (°C)	:	Min. 24° Max 33°
Surrounding Activity	:	Human & Vehicular & Plant Activity
Scope of Monitoring	:	Regulatory Requirment
Sampling & Analysis Protocol	:	IS :5182
Sampling Duration	:	24 Hrs.
Parameter Required	:	As Per Work Order

S.No.	Parameters	Test Method	Results	Units	Limit as per CPCB
1	Particulate Matter (as PM -10)	IS:5182 (P- 23)-2006,RA. 2017	77.53	µg/m³	100
2	Particulate Matter (as PM - 2.5)	IS:5182 (P- 24)-2001, RA. 2017	36.04	µg/m³	60
3	Nitrogen Dioxides (as NO2)	IS:5182 (P- 6)-2006 RA.2017	28.89	µg/m³	80
4	Sulphur Dioxide (as SO2)	IS:5182 (P- 2)-2001, RA. 2017	13.09	µg/m³	80
5	Benzene (as C6H6)	IS 5182 (P-11)-2006 RA.2017	BDL (*DL1.0 µg/m³)	µg/m³	5.0
6	Ammonia (as NH3)	Methods of air sampling and analysis,3rd ed.,1988, Method No. 401	7.83	µg/m³	400.0
7	Ozone (as O3)	IS 5182 (P-9):1974 RA.2014	8.99	µg/m³	180.0
8	Lead (as Pb)	IS 5182 (P-22) : 2004 RA.2014	BDL (*DL 0.02 µg/m³)	µg/m³	1.0
9	Arsenic (as As)	Methods of air sampling and analysis,3rd ed.,1988, Method No.302	BDL (*DL1.0 ng/m³)	ng/m³	6.0
10	Nickel (as Ni)	USEPA compendium IO-3.2,1999	4.96	ng/m³	20.0
11	Benzo (alpha) Pyrine-Particulate Phase Only	IS:5182 (P-12):2004 RA.2014	BDL (*DL 0.5 ng/m³)	ng/m³	1.0

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Vardan EnviroLab

Laboratory: Plot No. 24, 25, Narayan Vihar B Block, Jaipur (Raj.) 302035
Corp. Off.: Plot No. 82A, Sector- 5, IMT Manesar, Gurugram- 122051
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TC-6652

Test Report

Sample Number : VEL/DCM SHRIRAM/AA/02 **Report No.** : VEL/A/2009120003/A

* BDL Below Detection Limit ** DL Detection Limit

End of Report

(Checked By)

(Approved By)

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Vardan EnviroLab

Laboratory: Plot No. 24, 25, Narayan Vihar B Block, Jaipur (Raj.) 302035
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MoEF & CC Recognised |ISO 9001 | OHSAS 45001)

Test Report

Sample Number : VEL/DCM SHRIRAM/AA/02
Name & Address of the Party : M/S DCM Shriram Ltd.
Shriram nagar Kota Rajasthan

Report No. : VEL/A/2009120003/B
Format No : 7.8 F-01
Party Reference No : NIL
Reporting Date : 19/09/2020
Period of Analysis : 12/09/2020-19/09/2020
Receipt Date : 12/09/2020

Sample Description : **AMBIENT AIR**

General Information

Sampling Location	:	Near Gail Office
Sample Collected by	:	VEL Team
Sampling Equipment used	:	RDS/FPS
Instrument Code	:	VEL/RDS/05/FPS/07
Instrument Calibration Status	:	Calibrated
Latitude	:	--
Longitude	:	--
Meteorological condition during monitoring	:	Clear Sky
Date of Monitoring	:	08/09/2020 To 09/09/2020
Time of Monitoring	:	11.15 TO 11.15 Hrs.
Ambient Temperature (°C)	:	Min. 24° Max 33°
Surrounding Activity	:	Human & Vehicular & Plant Activity
Scope of Monitoring	:	Regulatory Requirment
Sampling & Analysis Protocol	:	IS :5182
Sampling Duration	:	24 Hrs.
Parameter Required	:	As Per Work Order

S.No.	Parameters	Test Method	Results	Units	Limit as per CPCB
1	Carbon Monoxide (as CO)	By Analyzer	0.73	mg/m³	4.0

* BDL Below Detection Limit ** DL Detection Limit

End of Report

(Checked By)

(Approved By)

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TC-6652

Test Report

Sample Number : VEL/DCM SHRIRAM/AA/01
Name & Address of the Party : M/S DCM Shriram Ltd.
Shriram nagar Kota Rajasthan

Report No. : VEL/A/2009120004/A
Format No : 7.8 F-01
Party Reference No : NIL
Reporting Date : 19/09/2020
Period of Analysis : 12/09/2020-19/09/2020
Receipt Date : 12/09/2020

Sample Description : **AMBIENT AIR**

General Information

Sampling Location	:	Near PVC Plant
Sample Collected by	:	VEL Team
Sampling Equipment used	:	RDS/FPS
Instrument Code	:	VEL/RDS/04/FPS/02
Instrument Calibration Status	:	Calibrated
Latitude	:	--
Longitude	:	--
Meteorological condition during monitoring	:	Clear Sky
Date of Monitoring	:	08/09/2020 To 09/09/2020
Time of Monitoring	:	11.00 TO 11.00 Hrs.
Ambient Temperature (°C)	:	Min. 24° Max 33°
Surrounding Activity	:	Human & Vehicular & Plant Activity
Scope of Monitoring	:	Regulatory Requirment
Sampling & Analysis Protocol	:	IS :5182
Sampling Duration	:	24 Hrs.
Parameter Required	:	As Per Work Order

S.No.	Parameters	Test Method	Results	Units	Limit as per CPCB
1	Particulate Matter (as PM -10)	IS:5182 (P- 23)-2006,RA. 2017	76.55	µg/m³	100
2	Particulate Matter (as PM - 2.5)	IS:5182 (P- 24)-2001, RA. 2017	30.72	µg/m³	60
3	Nitrogen Dioxides (as NO2)	IS:5182 (P- 6)-2006 RA.2017	19.67	µg/m³	80
4	Sulphur Dioxide (as SO2)	IS:5182 (P- 2)-2001, RA. 2017	15.98	µg/m³	80
5	Benzene (as C6H6)	IS 5182 (P-11)-2006 RA.2017	BDL (*DL1.0 µg/m³)	µg/m³	5.0
6	Ammonia (as NH3)	Methods of air sampling and analysis,3rd ed.,1988, Method No. 401	7.49	µg/m³	400.0
7	Ozone (as O3)	IS 5182 (P-9):1974 RA.2014	18.80	µg/m³	180.0
8	Lead (as Pb)	IS 5182 (P-22) : 2004 RA.2014	BDL (*DL 0.02 µg/m³)	µg/m³	1.0
9	Arsenic (as As)	Methods of air sampling and analysis,3rd ed.,1988, Method No.302	BDL (*DL1.0 ng/m³)	ng/m³	6.0
10	Nickel (as Ni)	USEPA compendium IO-3.2,1999	5.51	ng/m³	20.0
11	Benzo (alpha) Pyrine-Particulate Phase Only	IS:5182 (P-12):2004 RA.2014	BDL (*DL 0.5 ng/m³)	ng/m³	1.0

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Corp. Off.: Plot No. 82A, Sector- 5, IMT Manesar, Gurugram- 122051
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TC-6652

Test Report

Sample Number : VEL/DCM SHRIRAM/AA/01 **Report No.** : VEL/A/2009120004/A

* BDL Below Detection Limit ** DL Detection Limit

End of Report

(Checked By)

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(Approved By)

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Test Report

Sample Number : VEL/DCM SHRIRAM/AA/01
Name & Address of the Party : M/S DCM Shriram Ltd.
Shriram nagar Kota Rajasthan

Report No. : VEL/A/2009120004/B
Format No : 7.8 F-01
Party Reference No : NIL
Reporting Date : 19/09/2020
Period of Analysis : 12/09/2020-19/09/2020
Receipt Date : 12/09/2020

Sample Description : **AMBIENT AIR**

General Information

Sampling Location	:	Near PVC Plant
Sample Collected by	:	VEL Team
Sampling Equipment used	:	RDS/FPS
Instrument Code	:	VEL/RDS/04/FPS/02
Instrument Calibration Status	:	Calibrated
Latitude	:	–
Longitude	:	–
Meteorological condition during monitoring	:	Clear Sky
Date of Monitoring	:	08/09/2020 To 09/09/2020
Time of Monitoring	:	11.00 TO 11.00 Hrs.
Ambient Temperature (°C)	:	Min. 24° Max 33°
Surrounding Activity	:	Human & Vehicular & Plant Activity
Scope of Monitoring	:	Regulatory Requirment
Sampling & Analysis Protocol	:	IS :5182
Sampling Duration	:	24 Hrs.
Parameter Required	:	As Per Work Order

S.No.	Parameters	Test Method	Results	Units	Limit as per CPCB
1	Carbon Monoxide (as CO)	By Analyzer	0.50	mg/m³	4.0

* BDL Below Detection Limit ** DL Detection Limit

End of Report

(Checked By)

(Approved By)

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TC-6652

Test Report

Sample Number : VEL/DCM SHRIRAM/AA/03
Name & Address of the Party : M/S DCM Shriram Ltd.
Shriram nagar Kota Rajasthan

Report No. : VEL/A/2009120005/A
Format No : 7.8 F-01
Party Reference No : NIL
Reporting Date : 19/09/2020
Period of Analysis : 12/09/2020-19/09/2020
Receipt Date : 12/09/2020

Sample Description : **AMBIENT AIR**

General Information

Sampling Location	:	Near Railway Side Power Plant
Sample Collected by	:	VEL Team
Sampling Equipment used	:	RDS/FPS
Instrument Code	:	VEL/RDS/04/FPS/02
Instrument Calibration Status	:	Calibrated
Latitude	:	--
Longitude	:	--
Meteorological condition during monitoring	:	Clear Sky
Date of Monitoring	:	09/09/2020 To 10/09/2020
Time of Monitoring	:	11.20 TO 11.20 Hrs.
Ambient Temperature (°C)	:	Min. 24° Max 32°
Surrounding Activity	:	Human & Vehicular & Plant Activity
Scope of Monitoring	:	Regulatory Requirment
Sampling & Analysis Protocol	:	IS :5182
Sampling Duration	:	24 Hrs.
Parameter Required	:	As Per Work Order

S.No.	Parameters	Test Method	Results	Units	Limit as per CPCB
1	Particulate Matter (as PM -10)	IS:5182 (P- 23)-2006,RA. 2017	86.11	µg/m³	100
2	Particulate Matter (as PM - 2.5)	IS:5182 (P- 24)-2001, RA. 2017	37.05	µg/m³	60
3	Nitrogen Dioxides (as NO2)	IS:5182 (P- 6)-2006 RA.2017	28.05	µg/m³	80
4	Sulphur Dioxide (as SO2)	IS:5182 (P- 2)-2001, RA. 2017	13.53	µg/m³	80
5	Benzene (as C6H6)	IS 5182 (P-11)-2006 RA.2017	BDL (*DL1.0 µg/m³)	µg/m³	5.0
6	Ammonia (as NH3)	Methods of air sampling and analysis,3rd ed.,1988, Method No. 401	7.85	µg/m³	400.0
7	Ozone (as O3)	IS 5182 (P-9):1974 RA.2014	21.26	µg/m³	180.0
8	Lead (as Pb)	IS 5182 (P-22) : 2004 RA.2014	BDL (*DL 0.02 µg/m³)	µg/m³	1.0
9	Arsenic (as As)	Methods of air sampling and analysis,3rd ed.,1988, Method No.302	BDL (*DL1.0 ng/m³)	ng/m³	6.0
10	Nickel (as Ni)	USEPA compendium IO-3.2,1999	4.89	ng/m³	20.0
11	Benzo (alpha) Pyrine-Particulate Phase Only	IS:5182 (P-12):2004 RA.2014	BDL (*DL 0.5 ng/m³)	ng/m³	1.0

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Vardan EnviroLab

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Corp. Off.: Plot No. 82A, Sector- 5, IMT Manesar, Gurugram- 122051
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TC-6652

Test Report

Sample Number : VEL/DCM SHRIRAM/AA/03 **Report No.** : VEL/A/2009120005/A

* BDL Below Detection Limit ** DL Detection Limit

End of Report

(Checked By)

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(Approved By)

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Vardan EnviroLab

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MoEF & CC Recognised |ISO 9001 | OHSAS 45001)

Test Report

Sample Number : VEL/DCM SHRIRAM/AA/03
Name & Address of the Party : M/S DCM Shriram Ltd.
Shriram nagar Kota Rajasthan

Report No. : VEL/A/2009120005/B
Format No : 7.8 F-01
Party Reference No : NIL
Reporting Date : 19/09/2020
Period of Analysis : 12/09/2020-19/09/2020
Receipt Date : 12/09/2020

Sample Description : **AMBIENT AIR**

General Information

Sampling Location	:	Near Railway Side Power Plant
Sample Collected by	:	VEL Team
Sampling Equipment used	:	RDS/FPS
Instrument Code	:	VEL/RDS/04/FPS/02
Instrument Calibration Status	:	Calibrated
Latitude	:	--
Longitude	:	--
Meteorological condition during monitoring	:	Clear Sky
Date of Monitoring	:	09/09/2020 To 10/09/2020
Time of Monitoring	:	11.20 TO 11.20 Hrs.
Ambient Temperature (°C)	:	Min. 24° Max 32°
Surrounding Activity	:	Human & Vehicular & Plant Activity
Scope of Monitoring	:	Regulatory Requirment
Sampling & Analysis Protocol	:	IS :5182
Sampling Duration	:	24 Hrs.
Parameter Required	:	As Per Work Order

S.No.	Parameters	Test Method	Results	Units	Limit as per CPCB
1	Carbon Monoxide (as CO)	By Analyzer	0.64	mg/m³	4.0

* BDL Below Detection Limit ** DL Detection Limit

End of Report

(Checked By)

(Approved By)

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Corp. Off.: Plot No. 82A, Sector- 5, IMT Manesar, Gurugram- 122051
MoEF & CC Recognised |ISO 9001 | OHSAS 45001)

Test Report

Sample Number : VEL/WW/2007010002
Name & Address of the Party : M/S DCM Shriram Ltd.
Shriram nagar Kota Rajasthan

Sample Description : Waste Water
Location : STP Outlet
Sample Collected by : Vardan Envirolab Team
Parameter Required : As Per Work Order
Sampling and Analysis Protocol : IS 3025

Report No. : VEL/WW/2007010002
Format No : 7.8 F-01
Party Reference No : NIL
Reporting Date : 09/07/2020
Period of Analysis : 01/07/2020-09/07/2020
Receipt Date : 01/07/2020
Sampling Date : 30/06/2020
Sampling Quantity : 2.0 Ltr.
Sampling Type : Grab
Packing Status : TEMPARARY SEALED

S.No.	Test Parameters	Test Method	Result	Unit	Inland Surface Water
1	pH	IS 3025 (P-11): 1983 Reaff. 2017	7.72		6.5 9.0
2	Total Suspended Solids	IS: 3025 (Part 17): 1984, Reaff. 2017	20.00	mg/l	100.0
3	Oil & Grease	IS 3025(P-39):1991 RA 2019	2.00	mg/l	10.0
4	BOD (3 days @ 27°C)	IS: 3025 (Part-44): 1993, Ref: 2019	7.50	mg/l	30.0
5	COD	IS : 3025 (Part 58) : 2006 Ref: 2017	59.04	mg/l	250.0
6	Chloride	IS: 3025 (Part 32): 1988, Reaff. 2019	238.73	mg/l	1000.0
7	Phosphate (as PO4)	APHA 4500 PC:2017	0.47	mg/l	5.0
8	Sulphide (as S)	IS 3025 (P-29) :1900 Reaff 2019 Iodometric	BDL (DL 0.2 mg/l)	mg/l	<2.0
9	Residual Free Chlorine	APHA 3500 Cl B Iodometric Method:2017	1.76	mg/l	1.0
10	Fecal Coliform	IS 1622:2009	58.0	MPN/100ml	<1000

*BDL-Below Detection Limit, **DL-Detection Limit

End of Report

(Tested By)

VARDAN ENVIRO LAB JAIPUR

(Approved By)

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Vardan EnviroLab

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Corp. Off.: Plot No. 82A, Sector- 5, IMT Manesar, Gurugram- 122051
MoEF & CC Recognised |ISO 9001 | OHSAS 45001)

Test Report

Sample Number : VEL/WW/2007010003
Name & Address of the Party : M/S DCM Shriram Ltd.
Shriram nagar Kota Rajasthan

Report No. : VEL/WW/2007010003
Format No : 7.8 F-01
Party Reference No : NIL
Reporting Date : 09/07/2020
Period of Analysis : 01/07/2020-09/07/2020
Receipt Date : 01/07/2020
Sampling Date : 30/06/2020
Sampling Quantity : 2.0 Ltr.
Sampling Type : Grab
Packing Status : TEMPARARY SEALED

Sample Description : Waste Water
Location : Final Factory Outlet
Sample Collected by : Vardan Envirolab Team
Parameter Required : As Per Work Order
Sampling and Analysis Protocol : IS 3025

S.No.	Test Parameters	Test Method	Result	Unit	Inland Surface Water
1	Colour	IS 3025: 1987 (P-4) Reaff.2017	*BDL (**DL 5.0)	HU	Colourless
2	Odour	IS 3025 (P-5) : 2018	Agreeable	-	Agreeable
3	pH	IS 3025 (P-11): 1983 Reaff. 2017	7.82	-	5.5 - 9.0
4	Total Suspended Solids	IS: 3025 (Part 17): 1984, Reaff. 2017	39.00	mg/l	100.0
5	Total Dissolved Solids	IS 3025 (P-16): 1984 Reaff 2017	1390.00	mg/l	2000.0
6	Temperature	IS-3025 (Part-9): 1984, Ref: 2017	27	°C	Shall not exceed 5°C above the receiving water temperature
7	Oil & Grease	IS 3025(P-39):1991 RA 2019	0.70	mg/l	10.0
8	Ammonical Nitrogen (as NH3-N)	IS-3025 (Part-34)- 1988, Ref: 2019	29.63	mg/l	50.0
9	Ammonium (as NH4)	IS 3025 (Part -34) Titrimetric Method, RA:2017	*BDL(**DL-0.20mg/l)	mg/l	50.0
10	Total Kjeladahl Nitrogen (as NH3)	IS: 3025 (Part 34): 1988, Reaff. 2019 (Chromotropic Method)	38.34	mg/l	100.0
11	BOD (3 days @ 27°C)	IS: 3025 (Part-44): 1993, Ref: 2019	15.00	mg/l	30.0
12	COD	IS : 3025 (Part 58) : 2006 Ref: 2017	139.44	mg/l	250.0
13	Lead (as Pb)	APHA (23rd edition-2017), 3030D, 3113 B	*BDL(**DL-0.13 mg/l)	mg/l	0.1
14	Hexavalant Chromium (Cr+6)	APHA 3500 Cr B Colorimetric Method:2017	*BDL(**DL-0.02 mg/l)	mg/l	0.1
15	Chromium (as Cr)	APHA 23rd Eddition Year 2017 Method No. 3113 B	*BDL(**DL-0.03 mg/l)	mg/l	2.0
16	Copper (as Cu)	APHA 23rd Edition 2017 Method No. 3111APHA 23rd Edition 2017 Method No. 3111B	0.12	mg/l	3.0
17	Zinc (as Zn)	APHA (23rd edition-2017), 3030D, 3113 B	0.54	mg/l	5.0
18	Chloride	IS: 3025 (Part 32): 1988, Reaff. 2019	395.28	mg/l	--

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Vardan EnviroLab

Laboratory: Plot No. 24, 25, Narayan Vihar B Block, Jaipur (Raj.) 302035
Corp. Off.: Plot No. 82A, Sector- 5, IMT Manesar, Gurugram- 122051
MoEF & CC Recognised |ISO 9001 | OHSAS 45001)

Test Report

Sample Number : VEL/WW/2007010003 Report No. : VEL/WW/2007010003

S.No.	Test Parameters	Test Method	Result	Unit	Inland Surface Water
19	Phosphate (as PO4)	APHA 4500 PC:2017	1.32	mg/l	5.0
20	Sulphate (as SO4)	IS: 3025 (Part 24): 1986, Reaff. 2019 Turbidity Method	430.32	mg/l	1000.0
21	Sulphide (as S)	IS 3025 (P-29) :1986 Reaff 2019 Idometric	*BDL(**DL-0.2 mg/l)	mg/l	2.0
22	Arsenic (as As)	APHA (23rd edition-2017), 3114 C	*BDL(**DL-0.01 mg/l)	mg/l	0.2
23	Mercury (as Hg)	APHA (23rd edition-2017), 3114 C	*BDL(**DL-0.001 mg/l)	mg/l	0.01
24	Cyanide (as CN)	APHA 4500 CN-E:2017	*BDL(**DL-0.05 mg/l)	mg/l	0.2
25	Phenolic Compounds (as C6H5OH)	APHA 23rd Edition 2017, 5530C	*BDL(**DL-0.02 mg/l)	mg/l	1.0
26	Residual Free Chlorine	APHA 3500 Cl B Iodometric Method:2017	*BDL(**DL-0.02 mg/l)	mg/l	1.0
27	Vanadium (as V)	APHA 3500 V	*BDL(**DL-0.01 mg/l)	mg/l	0.2
28	Iron (as Fe)	IS 3025(P-53)' 2003 Reaffirm 2019	0.40	mg/l	3.0
29	Nitrate (as NO3)	IS 3025(Pt -34) Chromotropic Method, RA:2003	3.94	mg/l	10.0

*BDL Below Detection Limit ** DL Detection Limit

End of Report

(Tested By)

(Approved By)

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Vardan EnviroLab

Laboratory: Plot No. 24, 25, Narayan Vihar B Block, Jaipur (Raj.) 302035
Corp. Off.: Plot No. 82A, Sector- 5, IMT Manesar, Gurugram- 122051
MoEF & CC Recognised |ISO 9001 | OHSAS 45001)

Test Report

Sample Number : VEL/WW/2007010005
Name & Address of the Party : M/S DCM Shriram Ltd.
Shriram nagar Kota Rajasthan

Sample Description : Waste Water
Location : Kansua Nalha (Up Stream)
Sample Collected by : Vardan Envirolab Team
Parameter Required : As Per Work Order
Sampling and Analysis Protocol : IS 3025

Report No. : VEL/WW/2007010005
Format No : 7.8 F-01
Party Reference No : NIL
Reporting Date : 09/07/2020
Period of Analysis : 01/07/2020-09/07/2020
Receipt Date : 01/07/2020
Sampling Date : 30/06/2020
Sampling Quantity : 2.0 Ltr.
Sampling Type : Grab
Packing Status : TEMPARARY SEALED

S.No.	Test Parameters	Test Method	Result	Unit	Inland Surface Water
1	Colour	IS 3025: 1987 (P-4) Reaff.2017	*BDL (**DL 5.0)	HU	Colourless
2	Odour	IS 3025 (P-5) : 2018	Agreeable	-	Agreeable
3	pH	IS 3025 (P-11): 1983 Reaff. 2017	7.52	-	5.5 - 9.0
4	Total Suspended Solids	IS: 3025 (Part 17): 1984, Reaff. 2017	69.20	mg/l	100.0
5	Total Dissolved Solids	IS 3025 (P-16): 1984 Reaff 2017	1989.50	mg/l	2000.0
6	Temperature	IS-3025 (Part-9): 1984, Ref: 2017	28	°C	Shall not exceed 5°C above the receiving water temperature
7	Oil & Grease	IS 3025(P-39):1991 RA 2019	1.50	mg/l	10.0
8	Ammonical Nitrogen (as NH3-N)	IS-3025 (Part-34)- 1988, Ref: 2019	10.63	mg/l	50.0
9	Ammonium (as NH4)	IS 3025 (Part -34) Titrimetric Method, RA:2017	*BDL(**DL-0.20mg/l)	mg/l	50.0
10	Total Kjeladahl Nitrogen (as NH3)	IS: 3025 (Part 34): 1988, Reaff. 2019 (Chromotropic Method)	13.94	mg/l	100.0
11	BOD (3 days @ 27°C)	IS: 3025 (Part-44): 1993, Ref: 2019	60.00	mg/l	30.0
12	COD	IS : 3025 (Part 58) : 2006 Ref: 2017	219.12	mg/l	250.0
13	Lead (as Pb)	APHA (23rd edition-2017), 3030D, 3113 B	*BDL(**DL-0.13 mg/l)	mg/l	0.1
14	Hexavalant Chromium (Cr+6)	APHA 3500 Cr B Colorimetric Method:2017	*BDL(**DL-0.02 mg/l)	mg/l	0.1
15	Chromium (as Cr)	APHA 23rd Eddition Year 2017 Method No. 3113 B	*BDL(**DL-0.03 mg/l)	mg/l	2.0
16	Copper (as Cu)	APHA 23rd Edition 2017 Method No. 3111APHA 23rd Edition 2017 Method No. 3111B	0.19	mg/l	3.0
17	Zinc (as Zn)	APHA (23rd edition-2017), 3030D, 3113 B	0.52	mg/l	5.0
18	Chloride	IS: 3025 (Part 32): 1988, Reaff. 2019	532.26	mg/l	--

Nil

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VARDAN ENVIROLAB JAIPUR

Vardan EnviroLab

Laboratory: Plot No. 24, 25, Narayan Vihar B Block, Jaipur (Raj.) 302035
Corp. Off.: Plot No. 82A, Sector- 5, IMT Manesar, Gurugram- 122051
MoEF & CC Recognised |ISO 9001 | OHSAS 45001)

Test Report

Sample Number : VEL/WW/2007010005 Report No. : VEL/WW/2007010005

S.No.	Test Parameters	Test Method	Result	Unit	Inland Surface Water
19	Phosphate (as PO4)	APHA 4500 PC:2017	1.42	mg/l	5.0
20	Sulphate (as SO4)	IS: 3025 (Part 24): 1986, Reaff. 2019 Turbidity Method	573.77	mg/l	1000.0
21	Sulphide (as S)	IS 3025 (P-29) :1986 Reaff 2019 Idometric	*BDL(**DL-0.2 mg/l)	mg/l	2.0
22	Arsenic (as As)	APHA (23rd edition-2017), 3114 C	*BDL(**DL-0.01 mg/l)	mg/l	0.2
23	Mercury (as Hg)	APHA (23rd edition-2017), 3114 C	*BDL(**DL-0.001 mg/l)	mg/l	0.01
24	Cyanide (as CN)	APHA 4500 CN-E.2017	*BDL(**DL-0.05 mg/l)	mg/l	0.2
25	Phenolic Compounds (as C6H5OH)	APHA 23rd Edition 2017, 5530C	*BDL(**DL-0.02 mg/l)	mg/l	1.0
26	Residual Free Chlorine	APHA 3500 Cl B Iodometric Method:2017	*BDL(**DL-0.02 mg/l)	mg/l	1.0
27	Vanadium (as V)	APHA 3500 V	*BDL(**DL-0.01 mg/l)	mg/l	0.2
28	Iron (as Fe)	IS 3025(P-53): 2003 Reaffirm 2019	0.40	mg/l	3.0
29	Nitrate (as NO3)	IS 3025(Pt -34) Chromotropic Method, RA:2003	4.27	mg/l	10.0

* BDL Below Detection Limit ** DL Detection Limit

End of Report

(Tested By)

VARDAN ENVIRO LAB JAIPUR

(Approved By)

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Vardan EnviroLab

Laboratory: Plot No. 24, 25, Narayan Vihar B Block, Jaipur (Raj.) 302035
Corp. Off.: Plot No. 82A, Sector- 5, IMT Manesar, Gurugram- 122051
MoEF & CC Recognised |ISO 9001 | OHSAS 45001)

Test Report

Sample Number : VEL/WW/2007010006
Name & Address of the Party : M/S DCM Shriram Ltd.
Shriram nagar Kota Rajasthan

Report No. : VEL/WW/2007010006
Format No : 7.8 F-01
Party Reference No : NIL
Reporting Date : 09/07/2020
Period of Analysis : 01/07/2020-09/07/2020
Receipt Date : 01/07/2020
Sampling Date : 30/06/2020
Sampling Quantity : 2.0 Ltr.
Sampling Type : Grab
Packing Status : TEMPARARY SEALED

Sample Description : Waste Water
Location : Kanpur Nalha (Down Stream)
Sample Collected by : Vardan Enviolab Team
Parameter Required : As Per Work Order
Sampling and Analysis Protocol : IS 3025

S.No.	Test Parameters	Test Method	Result	Unit	Inland Surface Water
1	Colour	IS 3025: 1987 (P-4) Reaff.2017	*BDL (**DL 5.0)	HU	Colourless
2	Odour	IS 3025 (P-5) : 2018	Agreeable	-	Agreeable
3	pH	IS 3025 (P-11): 1983 Reaff. 2017	7.62	-	5.5 - 9.0
4	Total Suspended Solids	IS: 3025 (Part 17): 1984, Reaff. 2017	49.20	mg/l	100.0
5	Total Dissolved Solids	IS 3025 (P-16): 1984 Reaff 2017	1653.	mg/l	2000.0
6	Temperature	IS-3025 (Part-9): 1984, Ref: 2017	28	°C	Shall not exceed 5°C above the receiving water temperature
7	Oil & Grease	IS 3025(P-39):1991 RA 2019	0.50	mg/l	10.0
8	Ammonical Nitrogen (as NH3-N)	IS-3025 (Part-34)- 1988, Ref: 2019	5.40	mg/l	50.0
9	Ammonium (as NH4)	IS 3025 (Part -34) Titrimetric Method, RA:2017	*BDL(**DL-0.20mg/l)	mg/l	50.0
10	Total Kjeladahl Nitrogen (as NH3)	IS: 3025 (Part 34): 1988, Reaff. 2019 (Chromotropic Method)	10.45	mg/l	100.0
11	BOD (3 days @ 27°C)	IS: 3025 (Part-44): 1993, Ref: 2019	30.00	mg/l	30.0
12	COD	IS : 3025 (Part 58) : 2006 Ref: 2017	239.04	mg/l	250.0
13	Lead (as Pb)	APHA (23rd edition-2017), 3030D, 3113 B	*BDL(**DL-0.13 mg/l)	mg/l	0.1
14	Hexavalant Chromium (Cr+6)	APHA 3500 Cr B Colorimetric Method:2017	*BDL(**DL-0.02 mg/l)	mg/l	0.1
15	Chromium (as Cr)	APHA 23rd Eddition Year 2017 Method No. 3113 B	*BDL(**DL-0.03 mg/l)	mg/l	2.0
16	Copper (as Cu)	APHA 23rd Edition 2017 Method No. 3111APHA 23rd Edition 2017 Method No. 3111B	0.29	mg/l	3.0
17	Zinc (as Zn)	APHA (23rd edition-2017), 3030D, 3113 B	0.78	mg/l	5.0
18	Chloride	IS: 3025 (Part 32): 1988, Reaff. 2019	244.60	mg/l	--

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Vardan EnviroLab

Laboratory: Plot No. 24, 25, Narayan Vihar B Block, Jaipur (Raj.) 302035
Corp. Off.: Plot No. 82A, Sector- 5, IMT Manesar, Gurugram- 122051
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Test Report

Sample Number : VEL/WW/2007010006 Report No. : VEL/WW/2007010006

S.No.	Test Parameters	Test Method	Result	Unit	Inland Surface Water
19	Phosphate (as PO4)	APHA 4500 PC:2017	1.22	mg/l	50.0
20	Sulphate (as SO4)	IS: 3025 (Part 24): 1986, Reaff. 2019 Turbidity Method	389.34	mg/l	1000.0
21	Sulphide (as S)	IS 3025 (P-29) :1986 Reaff 2019 Idometric	*BDL(**DL-0.02 mg/l)	mg/l	2.0
22	Arsenic (as As)	APHA (23rd edition-2017), 3114 C	*BDL(**DL-0.01 mg/l)	mg/l	0.2
23	Mercury (as Hg)	APHA (23rd edition-2017), 3114 C	*BDL(**DL-0.001 mg/l)	mg/l	0.01
24	Cyanide (as CN)	APHA 4500 CN-E:2017	*BDL(**DL-0.05 mg/l)	mg/l	0.2
25	Phenolic Compounds (as C6H5OH)	APHA 23rd Edition 2017, 5530C	*BDL(**DL-0.02 mg/l)	mg/l	1.0
26	Residual Free Chlorine	APHA 3500 Cl B Iodometric Method:2017	*BDL (**DL-0.02 mg/l)	mg/l	1.0
27	Vanadium (as V)	APHA 3500 V	*BDL(**DL-0.01 mg/l)	mg/l	0.2
28	Iron (as Fe)	IS 3025(P-53): 2003 Reaffirm 2019	0.22	mg/l	3.0
30	Nitrate (as NO3)	IS 3025(Pt -34) Chromotropic Method, RA:2003	2.30	mg/l	10.0

End of Report

(Tested By)

(Approved By)

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Vardan EnviroLab

Laboratory: Plot No. 24, 25, Narayan Vihar B Block, Jaipur (Raj.) 302035
Corp. Off.: Plot No. 82A, Sector- 5, IMT Manesar, Gurugram- 122051
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Test Report

Sample Number : VEL/WW/2007010007
Name & Address of the Party : M/S DCM Shriram Ltd.
Shriram nagar Kota Rajasthan

Report No. : VEL/WW/2007010007
Format No : 7.8 F-01
Party Reference No : NIL
Reporting Date : 09/07/2020
Period of Analysis : 01/07/2020-09/07/2020
Receipt Date : 01/07/2020
Sampling Date : 30/06/2020
Sampling Quantity : 2.0 ltr
Sampling Type : Grab
Packing Status : TEMPARARY SEALED

Sample Description : Waste Water
Location : Ash Lagoon Outlet
Sample Collected by : Vardan Envirolab Team
Parameter Required : As Per Work Order
Sampling and Analysis Protocol : IS 3025

S.No.	Test Parameters	Test Method	Result	Unit	Inland Surface Water
1	Colour	IS 3025: 1987 (P-4) Reaff.2017	*BDL (**DL 5.0)	HU	Colourless
2	Odour	IS 3025 (P-5) : 2018	Agreeable	-	Agreeable
3	pH	IS 3025 (P-11): 1983 Reaff. 2017	7.71	-	5.5 - 9.0
4	Total Suspended Solids	IS: 3025 (Part 17): 1984, Reaff. 2017	38.20	mg/l	100.0
5	Total Dissolved Solids	IS 3025 (P-16): 1984 Reaff 2017	1543.00	mg/l	2000.0
6	Temperature	IS-3025 (Part-9): 1984, Ref: 2017	27	°C	Shall not exceed 5°C above the receiving water temperature
7	Oil & Grease	IS 3025(P-39):1991 RA 2019	0.30	mg/l	10.0
8	Ammonical Nitrogen (as NH3-N)	IS-3025 (Part-34)- 1988, Ref: 2019	17.08	mg/l	50.0
9	Ammonium (as NH4)	IS 3025 (Part -34) Titrimetric Method, RA:2017	*BDL(**DL-0.20mg/l)	mg/l	5.0
10	Total Kjeladahl Nitrogen (as NH3)	IS: 3025 (Part 34): 1988, Reaff. 2019 (Chromotropic Method)	24.40	mg/l	100.0
11	BOD (3 days @ 27°C)	IS: 3025 (Part-44): 1993, Ref: 2019	15.00	mg/l	30.0
12	COD	IS : 3025 (Part 58) : 2006 Ref: 2017	99.60	mg/l	250.0
13	Lead (as Pb)	APHA (23rd edition-2017), 3030D, 3113 B	*BDL(**DL-0.13 mg/l)	mg/l	0.1
14	Hexavalant Chromium (Cr+6)	APHA 3500 Cr B Colorimetric Method:2017	*BDL(**DL-0.02 mg/l)	mg/l	0.1
15	Chromium (as Cr)	APHA 23rd Eddition Year 2017 Method No. 3113 B	*BDL(**DL-0.03 mg/l)	mg/l	2.0
16	Copper (as Cu)	APHA 23rd Edition 2017 Method No. 3111APHA 23rd Edition 2017 Method No. 3111B	0.10	mg/l	3.0
17	Zinc (as Zn)	APHA (23rd edition-2017), 3030D, 3113 B	0.98	mg/l	5.0
18	Chloride	IS: 3025 (Part 32): 1988, Reaff. 2019	395.28	mg/l	--

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Vardan EnviroLab

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Corp. Off.: Plot No. 82A, Sector- 5, IMT Manesar, Gurugram- 122051
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Test Report

Sample Number : VEL/WW/2007010007 Report No. : VEL/WW/2007010007

S.No.	Test Parameters	Test Method	Result	Unit	Inland Surface Water
19	Phosphate (as PO4)	APHA 4500 PC:2017	1.47	mg/l	5.0
20	Sulphate (as SO4)	IS: 3025 (Part 24): 1986, Reaff. 2019 Turbidity Method	266.39	mg/l	1000.0
21	Sulphide (as S)	IS 3025 (Part 29) :1986 Reaff 2019 Iodometric	*BDL(**DL-0.02 mg/l)	mg/l	2.0
22	Arsenic (as As)	APHA (23rd edition 2017), 3114 C	*BDL(**DL-0.01 mg/l)	mg/l	0.2
23	Mercury (as Hg)	APHA (23rd edition-2017), 3114 C	*BDL(**DL-0.001 mg/l)	mg/l	0.01
24	Cyanide (as CN)	APHA 4500 CN-E:2017	*BDL(**DL-0.05 mg/l)	mg/l	0.2
25	Phenolic Compounds (as C6H5OH)	APHA 23rd Edition 2017, 5530C	*BDL(**DL-0.02 mg/l)	mg/l	1.0
26	Residual Free Chlorine	APHA 3500 Cl B Iodometric Method:2017	*BDL(**DL 0.02 mg/l)	mg/l	1.0
27	Vanadium (as V)	APHA 3500 V	*BDL(**DL-0.01 mg/l)	mg/l	0.2
28	Iron (as Fe)	IS 3025(P-53): 2003 Reaffirm 2019	0.22	mg/l	3.0
29	Nitrate (as NO3)	IS 3025(Pt -34) Chromotropic Method, RA:2003	1.64	mg/l	10.0

*BDL- Below Detection Limit ** DL Detection Limit

End of Report

(Tested By)

(Approved By)

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Vardan EnviroLab

Laboratory: Plot No. 24, 25, Narayan Vihar B Block, Jaipur (Raj.) 302035
Corp. Off.: Plot No. 82A, Sector- 5, IMT Manesar, Gurugram- 122051
MoEF & CC Recognised |ISO 9001 | OHSAS 45001)

Test Report

Sample Number : VEL/WW/2007010008
Name & Address of the Party : M/S DCM Shriram Ltd.
Shriram nagar Kota Rajasthan

Report No. : VEL/WW/2007010008
Format No : 7.8 F-01
Party Reference No : NIL
Reporting Date : 09/07/2020
Period of Analysis : 01/07/2020-09/07/2020
Receipt Date : 01/07/2020
Sampling Date : 30/06/2020
Sampling Quantity : 2.0 Ltr.
Sampling Type : Grab
Packing Status : TEMPARARY SEALED

Sample Description : Waste Water
Location : River Chambal Near Manasgaon
Sample Collected by : Vardan Envirolab Team
Parameter Required : As Per Work Order
Sampling and Analysis Protocol : IS 3025

S.No.	Test Parameters	Test Method	Result	Unit	Inland Surface Water
1	Colour	IS 3025: 1987 (P-4) Reaff.2017	*BDL (**DL 5.0)	HU	Colourless
2	Odour	IS 3025 (P-5) : 2018	Agreeable	-	Agreeable
3	pH	IS 3025 (P-11): 1983 Reaff. 2017	7.61	-	5.5 - 9.0
4	Total Suspended Solids	IS: 3025 (Part 17): 1984, Reaff. 2017	23.90	mg/l	100.0
5	Total Dissolved Solids	IS 3025 (P 16): 1984 Reaff 2017	329.90	mg/l	2000.0
6	Temperature	IS-3025 (Part-9): 1984, Ref: 2017	28	°C	Shall not exceed 5°C above the receiving water temporature
7	Oil & Grease	IS 3025(P-39):1991 RA 2019	0.20	mg/l	10.0
8	Ammonical Nitrogen (as NH3-N)	IS-3025 (Part-34)- 1988, Ref: 2019	3.66	mg/l	50.0
9	Ammonium (as NH4)	IS 3025 (Part -34) Titrimetric Method, RA:2017	*BDL(**DL-0.20mg/l)	mg/l	5.0
10	Total Kjeladahl Nitrogen (as NH3)	IS: 3025 (Part 34): 1988, Reaff. 2019 (Chromotropic Method)	6.97	mg/l	100.0
11	BOD (3 days @ 27°C)	IS: 3025 (Part-44): 1993, Ref: 2019	15.00	mg/l	30.0
12	COD	IS : 3025 (Part 58) : 2006 Ref: 2017	39.84	mg/l	250.0
13	Lead (as Pb)	APHA (23rd edition-2017), 3030D, 3113 B	*BDL(**DL-0.13 mg/l)	mg/l	0.1
14	Hexavalant Chromium (Cr+6)	APHA 3500 Cr B Colorimetric Method:2017	*BDL(**DL-0.02 mg/l)	mg/l	0.1
15	Chromium (as Cr)	APHA 23rd Eddition Year 2017 Method No. 3113 B	*BDL(**DL-0.03 mg/l)	mg/l	2.0
16	Copper (as Cu)	APHA 23rd Edition 2017 Method No. 3111APHA 23rd Edition 2017 Method No. 3111B	0.12	mg/l	3.0
17	Zinc (as Zn)	APHA (23rd edition-2017), 3030D, 3113 B	0.10	mg/l	5.0
18	Chloride	IS: 3025 (Part 32): 1988, Reaff. 2019	82.18	mg/l	--

Nil

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Vardan EnviroLab

Laboratory: Plot No. 24, 25, Narayan Vihar B Block, Jaipur (Raj.) 302035
Corp. Off.: Plot No. 82A, Sector- 5, IMT Manesar, Gurugram- 122051
MoEF & CC Recognised |ISO 9001 | OHSAS 45001)

Test Report

Sample Number : VEL/WW/2007010008 Report No. : VEL/WW/2007010008

S.No.	Test Parameters	Test Method	Result	Unit	Inland Surface Water
19	Phosphate (as PO4)	APHA 4500 PC:2017	0.22	mg/l	5.0
20	Sulphate (as SO4)	IS: 3025 (Part 24): 1986, Reaff. 2019 Turbidity Method	43.03	mg/l	1000.0
21	Sulphide (as S)	IS 3025 (P-29) :1986 Reaff 2019 Iodometric	*BDL(**DL-0.01 mg/l)	mg/l	2.0
22	Arsenic (as As)	APHA (23rd edition-2017), 3114 C	*BDL(**DL-0.2 mg/l)	mg/l	0.2
23	Mercury (as Hg)	APHA (23rd edition-2017), 3114 C	*BDL(**DL-0.001 mg/l)	mg/l	0.01
24	Cyanide (as CN)	APHA 4500 CN-E:2017	*BDL(**DL-0.05 mg/l)	mg/l	0.2
25	Phenolic Compounds (as C6H5OH)	APHA 23rd Edition 2017, 5530C	*BDL(**DL-0.02 mg/l)	mg/l	1.0
26	Residual Free Chlorine	APHA 3500 Cl B Iodometric Method:2017	*BDL(**DL-0.02 mg/l)	mg/l	1.0
27	Vanadium (as V)	APHA 3500 V	*BDL(**DL-0.01 mg/l)	mg/l	0.2
28	Iron (as Fe)	IS 3025(P-53): 2003 Reaffirm 2019	0.22	mg/l	3.0
29	Nitrate (as NO3)	IS 3025(Pt -34) Chromotropic Method, RA:2003	0.65	mg/l	10.0

*BDL - Below Detection Limit ** DL - Detection Limit

End of Report

(Tested By)

VARDAN ENVIRO LAB JAIPUR

(Approved By)

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Vardan EnviroLab

Laboratory: Plot No. 24, 25, Narayan Vihar B Block, Jaipur (Raj.) 302035
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TC-6652

Test Report

Sample Number : VEL/DCM SHRIRAM/WW/04
Name & Address of the Party : M/S DCM Shriram Ltd.
Shriram nagar Kota Rajasthan

Report No. : VEL/WW/2009120005/A
Format No : 7.8 F-01
Party Reference No : NIL
Reporting Date : 18/09/2020
Period of Analysis : 12/09/2020-18/09/2020
Receipt Date : 12/09/2020
Sampling Date : 09/09/2020
Sampling Quantity : 2 Ltr.
Sampling Type : Grab
Packing Status : Temp. Sealed

Sample Description : Waste Water
Location : Ash Lagoon Outlet
Sample Collected by : VEL Team
Parameter Required : As Per Work Order
Sampling and Analysis Protocol : IS 3025

S.No.	Test Parameters	Test Method	Result	Unit	Prescribed Limit
1	pH	IS 3025 (P-11): 1983 RA2017	7.56	-	5.5 - 9.0
2	Total Suspended Solids	IS: 3025 (Part 17): 1984, RA2017	34.2	mg/l	100.0
3	Total Dissolved Solids	IS 3025 (P-16): 1984 RA 2017	1323.40	mg/l	500
4	Temperature	IS-3025 (Part-9): 1984, RA 2017	26.00	°C	Shall not exceed 5°C above the receiving water temperature
5	Oil & Grease	IS 3025(P-39):1991 RA 2019	0.90	mg/l	10.0
6	Ammonical Nitrogen (as NH3-N)	IS-3025 (Part-34)- 1988, RA: 2019	15.48	mg/l	50.0
7	Total Kjeladahl Nitrogen (as NH3)	IS: 3025 (Part 34): 1988, RA 2019 (Macro Kjeladahl Method)	20.42	mg/l	100.0
8	BOD (3 days @ 27°C)	IS: 3025 (Part-44): 1993, RA: 2019	14.40	mg/l	30.0
9	COD	IS : 3025 (Part 58) : 2006 RA: 2017	89.28	mg/l	250.0
10	Lead (as Pb)	APHA (23rd edition-2017), 3030D, 3113 B	*BDL(**DL-0.05 mg/l)	mg/l	0.1
11	Chromium (as Cr)	APHA 23rd Eddition Year 2017 Method No. 3113 B	*BDL(**DL-0.02 mg/l)	mg/l	2.0
12	Copper (as Cu)	APHA 23rd Edition 2017 Method No. 3111B	0.1410	mg/l	3.0
13	Zinc (as Zn)	APHA (23rd edition-2017), 3030D, 3113 B	0.82	mg/l	5.0
14	Chloride	IS: 3025 (Part 32): 1988, RA. 2019	325.40	mg/l	--
15	Sulphate (as SO4)	IS: 3025 (Part 24): 1986, RA. 2019 Turbidity Method	234.48	mg/l	--
16	Sulphide (as S)	IS 3025 (P-29) :1986 RA 2019 Idometric	*BDL(**DL-0.1 mg/l)	mg/l	2.0
17	Arsenic (as As)	APHA (23rd edition-2017), 3114 C	*BDL(**DL-0.005 mg/l)	mg/l	0.2
18	Mercury (as Hg)	APHA (23rd edition-2017), 3114 C	*BDL(**DL-0.005	mg/l	0.01

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Vardan EnviroLab

Laboratory: Plot No. 24, 25, Narayan Vihar B Block, Jaipur (Raj.) 302035
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TC-6652

Test Report

Sample Number : VEL/DCM SHRIRAM/WW/04 **Report No.** : VEL/WW/2009120005/A

S.No.	Test Parameters	Test Method	Result	Unit	Prescribed Limit
18			mg/l)		
19	Phenolic Compounds (as C6H5OH)	APHA 23rd Edition 2017, 5530C	*BDL(**DL-0.1 mg/l)	mg/l	1.0
20	Residual Free Chlorine	IS 3025(P-26): 1986 RA 2019	*BDL(**DL-0.2 mg/l)	mg/l	--
21	Iron (as Fe)	IS 3025(P-53): 2003 RA 2019	0.21	mg/l	3.0
22	Nitrate (as NO3)	IS 3025(Pt -34) Chromotropic Method, RA 2019	1.18	mg/l	--

*BDL-Below Detection Limit, **DL- Detection Limit

End of Report

(Checked By)

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MoEF & CC Recognised |ISO 9001 | OHSAS 45001)

Test Report

Sample Number : VEL/DCM SHRIRAM/WW/04
Name & Address of the Party : M/S DCM Shriram Ltd.
Shriram nagar Kota Rajasthan

Report No. : VEL/WW/2009120005/B
Format No : 7.8 F-01
Party Reference No : NIL
Reporting Date : 18/09/2020
Period of Analysis : 12/09/2020-18/09/2020
Receipt Date : 12/09/2020
Sampling Date : 09/09/2020
Sampling Quantity : 2 Ltr.
Sampling Type : Grab
Packing Status : Temp. Sealed

Sample Description : Waste Water
Location : Ash Lagoon Outlet
Sample Collected by : VEL Team
Parameter Required : As Per Work Order
Sampling and Analysis Protocol : IS 3025

S.No.	Test Parameters	Test Method	Result	Unit	Prescribed Limit
1	Colour	IS 3025: 1987 (P-4) RA2017	*BDL(**DL 1.0 Hazen)	Hazen	Colourless
2	Odour	IS 3025 (P-5) : 2018	Agreeable	-	Agreeable
3	Hexavalant Chromium (Cr+6)	APHA 3500 Cr B Colorimetric Method:2017	*BDL(**DL-0.02 mg/l)	mg/l	0.1
4	Phosphate (as PO4)	IS 3025 (P-31)1988,(Stannous Chloride Method) RA: 2019	1.14	mg/l	--
5	Cyanide (as CN)	APHA 4500 CN-E:2017	*BDL(**DL-0.05 mg/l)	mg/l	0.2
6	Vanadium (as V)	APHA 3500 V	*BDL(**DL-0.02 mg/l)	mg/l	0.2

*BDL-Below Detection Limit, **DL- Detection Limit

End of Report

(Checked By)

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Vardan EnviroLab

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Corp. Off.: Plot No. 82A, Sector- 5, IMT Manesar, Gurugram- 122051
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TC-6652

Test Report

Sample Number : VEL/DCM SHRIRAM/WW/05
Name & Address of the Party : M/S DCM Shriram Ltd.
Shriram nagar Kota Rajasthan

Report No. : VEL/WW/2009120006/A
Format No : 7.8 F-01
Party Reference No : NIL
Reporting Date : 18/09/2020
Period of Analysis : 12/09/2020-18/09/2020
Receipt Date : 12/09/2020
Sampling Date : 09/09/2020
Sampling Quantity : 2 Ltr.
Sampling Type : Grab
Packing Status : Temp. Sealed

Sample Description : Waste Water
Location : STP Outlet
Sample Collected by : VEL Team
Parameter Required : As Per Work Order
Sampling and Analysis Protocol : IS 3025

S.No.	Test Parameters	Test Method	Result	Unit	Prescribed Limit
1	pH	IS 3025 (P-11): 1983 RA2017	7.72	-	5.5 - 9.0
2	Total Suspended Solids	IS: 3025 (Part 17): 1984, RA2017	21.70	mg/l	100.0
3	Oil & Grease	IS 3025(P-39):1991 RA 2019	2.20	mg/l	10.0
4	BOD (3 days @ 27°C)	IS: 3025 (Part-44): 1993, RA: 2019	6.00	mg/l	30.0
5	COD	IS : 3025 (Part 58) : 2006 RA: 2017	49.60	mg/l	250.0
6	Chloride	IS: 3025 (Part 32): 1988, RA. 2019	231.2	mg/l	--
7	Sulphide (as S)	IS 3025 (P-29) :1986 RA 2019 Idometric	*BDL(**DL-0.1 mg/l)	mg/l	2.0
8	Residual Free Chlorine	IS 3025(P-26): 1986 RA 2019	1.49	mg/l	--

*BDL- Below Detection Limit, *DL- Detection Limit

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Test Report

Sample Number : VEL/DCM SHRIRAM/WW/05
Name & Address of the Party : M/S DCM Shriram Ltd.
Shriram nagar Kota Rajasthan

Sample Description : Waste Water
Location : STP Outlet
Sample Collected by : VEL Team
Parameter Required : As Per Work Order
Sampling and Analysis Protocol : IS 3025

Report No. : VEL/WW/2009120006/B
Format No : 7.8 F-01
Party Reference No : NIL
Reporting Date : 18/09/2020
Period of Analysis : 12/09/2020-18/09/2020
Receipt Date : 12/09/2020
Sampling Date : 09/09/2020
Sampling Quantity : 2 Ltr.
Sampling Type : Grab
Packing Status : Temp. Sealed

S.No.	Test Parameters	Test Method	Result	Unit	Prescribed Limit
1	Phosphate (as PO4)	IS 3025 (P-31)1988,(Stannous Chloride Method) RA: 2019	0.46	mg/l	--
2	Fecal Coliform	IS 1622:2009	60.0	MPN/100ml	<1000

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Vardan EnviroLab

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TC-6652

Test Report

Sample Number : VEL/DCM SHRIRAM/WW/02
Name & Address of the Party : M/S DCM Shriram Ltd.
Shriram nagar Kota Rajasthan

Sample Description : Waste Water
Location : Kansua Nalha (Up Stream)
Sample Collected by : VEL Team
Parameter Required : As Per Work Order
Sampling and Analysis Protocol : IS 3025

Report No. : VEL/WW/2009120007/A
Format No : 7.8 F-01
Party Reference No : NIL
Reporting Date : 18/09/2020
Period of Analysis : 12/09/2020-18/09/2020
Receipt Date : 12/09/2020
Sampling Date : 09/09/2020
Sampling Quantity : 2 Ltr.
Sampling Type : Grab
Packing Status : Temp. Sealed

S.No.	Test Parameters	Test Method	Result	Unit	Prescribed Limit
1	pH	IS 3025 (P-11): 1983 RA2017	7.42	-	5.5 - 9.0
2	Total Suspended Solids	IS: 3025 (Part 17): 1984, RA2017	38.7	mg/l	100.0
3	Total Dissolved Solids	IS 3025 (P-16): 1984 RA 2017	1920.0	mg/l	500
4	Temperature	IS-3025 (Part-9): 1984, RA 2017	22.6	°C	Shall not exceed 5°C above the receiving water temperature
5	Oil & Grease	IS 3025(P-39):1991 RA 2019	1.7	mg/l	10.0
6	Ammonical Nitrogen (as NH3-N)	IS-3025 (Part-34)- 1988, RA: 2019	9.88	mg/l	50.0
7	Total Kjeladahl Nitrogen (as NH3)	IS: 3025 (Part 34): 1988, RA 2019 (Macro Kjeladahl Method)	12.29	mg/l	100.0
8	BOD (3 days @ 27°C)	IS: 3025 (Part-44): 1993, RA: 2019	57.0	mg/l	30.0
9	COD	IS : 3025 (Part 58) : 2006 RA: 2017	208.32	mg/l	250.0
10	Lead (as Pb)	APHA (23rd edition-2017), 3030D, 3113 B	*BDL(**DL-0.05 mg/l)	mg/l	0.1
11	Chromium (as Cr)	APHA 23rd Eddition Year 2017 Method No. 3113 B	*BDL(**DL-0.02 mg/l)	mg/l	2.0
12	Copper (as Cu)	APHA 23rd Edition 2017 Method No. 3111B	0.17	mg/l	3.0
13	Zinc (as Zn)	APHA (23rd edition-2017), 3030D, 3113 B	0.58	mg/l	5.0
14	Chloride	IS: 3025 (Part 32): 1988, RA. 2019	519.66	mg/l	--
15	Sulphate (as SO4)	IS: 3025 (Part 24): 1986, RA. 2019 Turbidity Method	586.21	mg/l	--
16	Sulphide (as S)	IS 3025 (P-29) :1986 RA 2019 Idometric	*BDL(**DL-0.1 mg/l)	mg/l	2.0
17	Arsenic (as As)	APHA (23rd edition-2017), 3114 C	*BDL(**DL-0.005 mg/l)	mg/l	0.2
18	Mercury (as Hg)	APHA (23rd edition-2017), 3114 C	*BDL(**DL-0.005	mg/l	0.01

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TC-6652

Test Report

Sample Number : VEL/DCM SHRIRAM/WW/02 **Report No.** : VEL/WW/2009120007/A

S.No.	Test Parameters	Test Method	Result	Unit	Prescribed Limit
18			mg/l)		
19	Phenolic Compounds (as C6H5OH)	APHA 23rd Edition 2017, 5530C	*BDL(**DL-0.1 mg/l)	mg/l	1.0
20	Residual Free Chlorine	IS 3025(P-26): 1986 RA 2019	*BDL(**DL-0.2 mg/l)	mg/l	--
21	Iron (as Fe)	IS 3025(P-53): 2003 RA 2019	0.36	mg/l	3.0
22	Nitrate (as NO3)	IS 3025(Pt -34) Chromotropic Method, RA 2019	5.40	mg/l	--

**BDL- Below Detection Limit, *DL- Detectio Limit

End of Report

(Checked By)

(Approved By)

VARDAN ENVIROLAB * Authorised Signatory *

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Corp. Off.: Plot No. 82A, Sector- 5, IMT Manesar, Gurugram- 122051
MoEF & CC Recognised |ISO 9001 | OHSAS 45001)

Test Report

Sample Number : VEL/DCM SHRIRAM/WW/02
Name & Address of the Party : M/S DCM Shriram Ltd.
Shriram nagar Kota Rajasthan

Sample Description : Waste Water
Location : Kansua Nalha (Up Stream)
Sample Collected by : VEL Team
Parameter Required : As Per Work Order
Sampling and Analysis Protocol : IS 3025

Report No. : VEL/WW/2009120007/B
Format No : 7.8 F-01
Party Reference No : NIL
Reporting Date : 18/09/2020
Period of Analysis : 12/09/2020-18/09/2020
Receipt Date : 12/09/2020
Sampling Date : 09/09/2020
Sampling Quantity : 2 Ltr.
Sampling Type : Grab
Packing Status : Temp. Sealed

S.No.	Test Parameters	Test Method	Result	Unit	Prescribed Limit
1	Colour	IS 3025: 1987 (P-4) RA2017	*BDL(**DL 1.0 Hazen)	Hazen	Colourless
2	Odour	IS 3025 (P-5) : 2018	Agreeable	-	Agreeable
3	Hexavalant Chromium (Cr+6)	APHA 3500 Cr B Colorimetric Method:2017	*BDL(**DL-0.02 mg/l)	mg/l	0.1
4	Phosphate (as PO4)	IS 3025 (P-31)1988,(Stannous Chloride Method) RA: 2019	1.26	mg/l	--
5	Cyanide (as CN)	APHA 4500 CN-E:2017	*BDL(**DL-0.05 mg/l)	mg/l	0.2
6	Vanadium (as V)	APHA 3500 V	*BDL(**DL-0.02 mg/l)	mg/l	0.2

**BDL- Below Detection Limit, *DL- Detectio Limit

End of Report

(Checked By)

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VARDAN ENVIROLAB * Authorised Signatory *

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Vardan EnviroLab

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Corp. Off.: Plot No. 82A, Sector- 5, IMT Manesar, Gurugram- 122051
MoEF & CC Recognised |ISO 9001 | OHSAS 45001)

TC-6652

Test Report

Sample Number : VEL/DCM SHRIRAM/WW/01
Name & Address of the Party : M/S DCM Shriram Ltd.
Shriram nagar Kota Rajasthan

Sample Description : Waste Water
Location : Kansua Nalha (Down Stream)
Sample Collected by : VEL Team
Parameter Required : As Per Work Order
Sampling and Analysis Protocol : IS 3025

Report No. : VEL/WW/2009120008/A
Format No : 7.8 F-01
Party Reference No : NIL
Reporting Date : 18/09/2020
Period of Analysis : 12/09/2020-18/09/2020
Receipt Date : 12/09/2020
Sampling Date : 09/09/2020
Sampling Quantity : 2 Ltr.
Sampling Type : Grab
Packing Status : Temp. Sealed

S.No.	Test Parameters	Test Method	Result	Unit	Prescribed Limit
1	pH	IS 3025 (P-11): 1983 RA2017	7.68	-	5.5 - 9.0
2	Total Suspended Solids	IS: 3025 (Part 17): 1984, RA2017	42.50	mg/l	100.0
3	Total Dissolved Solids	IS 3025 (P-16): 1984 RA 2017	1983.00	mg/l	500
4	Temperature	IS-3025 (Part-9): 1984, RA 2017	22.10	°C	Shall not exceed 5°C above the receiving water temperature
5	Oil & Grease	IS 3025(P-39):1991 RA 2019	2.2	mg/l	10.0
6	Ammonical Nitrogen (as NH3-N)	IS-3025 (Part-34)- 1988, RA: 2019	11.85	mg/l	50.0
7	Total Kjeladahl Nitrogen (as NH3)	IS: 3025 (Part 34): 1988, RA 2019 (Macro Kjeladahl Method)	13.06	mg/l	100.0
8	BOD (3 days @ 27°C)	IS: 3025 (Part-44): 1993, RA: 2019	27.0	mg/l	30.0
9	COD	IS : 3025 (Part 58) : 2006 RA: 2017	228.16	mg/l	250.0
10	Lead (as Pb)	APHA (23rd edition-2017), 3030D, 3113 B	*BDL(**DL-0.05 mg/l)	mg/l	0.1
11	Chromium (as Cr)	APHA 23rd Eddition Year 2017 Method No. 3113 B	*BDL(**DL-0.02 mg/l)	mg/l	2.0
12	Copper (as Cu)	APHA 23rd Edition 2017 Method No. 3111B	0.24	mg/l	3.0
13	Zinc (as Zn)	APHA (23rd edition-2017), 3030D, 3113 B	0.65	mg/l	5.0
14	Chloride	IS: 3025 (Part 32): 1988, RA. 2019	558.51	mg/l	--
15	Sulphate (as SO4)	IS: 3025 (Part 24): 1986, RA. 2019 Turbidity Method	620.69	mg/l	--
16	Sulphide (as S)	IS 3025 (P-29) :1986 RA 2019 Idometric	*BDL(**DL-0.1 mg/l)	mg/l	2.0
17	Arsenic (as As)	APHA (23rd edition-2017), 3114 C	*BDL(**DL-0.005 mg/l)	mg/l	0.2
18	Mercury (as Hg)	APHA (23rd edition-2017), 3114 C	*BDL(**DL-0.005	mg/l	0.01

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Vardan EnviroLab

Laboratory: Plot No. 24, 25, Narayan Vihar B Block, Jaipur (Raj.) 302035
Corp. Off.: Plot No. 82A, Sector- 5, IMT Manesar, Gurugram- 122051
MoEF & CC Recognised |ISO 9001 | OHSAS 45001)

TC-6652

Test Report

Sample Number : VEL/DCM SHRIRAM/WW/01 **Report No.** : VEL/WW/2009120008/A

S.No.	Test Parameters	Test Method	Result	Unit	Prescribed Limit
18			mg/l)		
19	Phenolic Compounds (as C6H5OH)	APHA 23rd Edition 2017, 5530C	*BDL(**DL-0.1 mg/l)	mg/l	1.0
20	Residual Free Chlorine	IS 3025(P-26): 1986 RA 2019	*BDL(**DL-0.2 mg/l)	mg/l	--
21	Iron (as Fe)	IS 3025(P-53): 2003 RA 2019	0.38	mg/l	3.0
22	Nitrate (as NO3)	IS 3025(Pt -34) Chromotropic Method, RA 2019	6.11	mg/l	--

*BDL- Below Detection Limit,**DL- Detection Limit

End of Report

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Vardan EnviroLab

Laboratory: Plot No. 24, 25, Narayan Vihar B Block, Jaipur (Raj.) 302035
Corp. Off.: Plot No. 82A, Sector- 5, IMT Manesar, Gurugram- 122051
MoEF & CC Recognised |ISO 9001 | OHSAS 45001)

Test Report

Sample Number : VEL/DCM SHRIRAM/WW/01
Name & Address of the Party : M/S DCM Shriram Ltd.
Shriram nagar Kota Rajasthan

Report No. : VEL/WW/2009120008/B
Format No : 7.8 F-01
Party Reference No : NIL
Reporting Date : 18/09/2020
Period of Analysis : 12/09/2020-18/09/2020
Receipt Date : 12/09/2020
Sampling Date : 09/09/2020
Sampling Quantity : 2 Ltr.
Sampling Type : Grab
Packing Status : Temp. Sealed

Sample Description : **Waste Water**
Location : Kansua Nalha (Down Stream)
Sample Collected by : VEL Team
Parameter Required : As Per Work Order
Sampling and Analysis Protocol : IS 3025

S.No.	Test Parameters	Test Method	Result	Unit	Prescribed Limit
1	Colour	IS 3025: 1987 (P-4) RA2017	*BDL(**DL 1.0 Hazen)	Hazen	Colourless
2	Odour	IS 3025 (P-5) : 2018	Agreeable	-	Agreeable
3	Hexavalant Chromium (Cr+6)	APHA 3500 Cr B Colorimetric Method:2017	*BDL(**DL-0.02 mg/l)	mg/l	0.1
4	Phosphate (as PO4)	IS 3025 (P-31)1988,(Stannous Chloride Method) RA: 2019	1.38	mg/l	--
5	Cyanide (as CN)	APHA 4500 CN-E:2017	*BDL(**DL-0.05 mg/l)	mg/l	0.2
6	Vanadium (as V)	APHA 3500 V	*BDL(**DL-0.02 mg/l)	mg/l	0.2

**BDL- Below Detection Limit, *DL- Detection Limit

End of Report

(Checked By)

(Approved By)

VARDAN ENVIROLAB * Authorised Signatory *

Note: a) The results listed refer only to the tested samples & applicable parameters
b) Total liabilities of our lab will be restricted to the invoice amount only
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d) This report is not to be reproduced wholly or in part and cannot be used as evidence in the court of law

Vardan EnviroLab

Laboratory: Plot No. 24, 25, Narayan Vihar B Block, Jaipur (Raj.) 302035
Corp. Off.: Plot No. 82A, Sector- 5, IMT Manesar, Gurugram- 122051
MoEF & CC Recognised |ISO 9001 | OHSAS 45001)

TC-6652

Test Report

Sample Number : VEL/DCM SHRIRAM/WW/03
Name & Address of the Party : M/S DCM Shriram Ltd.
Shriram nagar Kota Rajasthan

Report No. : VEL/WW/2009120009/A
Format No : 7.8 F-01
Party Reference No : NIL
Reporting Date : 18/09/2020
Period of Analysis : 12/09/2020-18/09/2020
Receipt Date : 12/09/2020
Sampling Date : 09/09/2020
Sampling Quantity : 2 Ltr.
Sampling Type : Grab
Packing Status : Temp. Sealed

Sample Description : Waste Water
Location : Final Factory Outlet
Sample Collected by : VEL Team
Parameter Required : As Per Work Order
Sampling and Analysis Protocol : IS 3025

S.No.	Test Parameters	Test Method	Result	Unit	Prescribed Limit
1	pH	IS 3025 (P-11): 1983 RA2017	7.91	-	5.5 - 9.0
2	Total Suspended Solids	IS: 3025 (Part 17): 1984, RA2017	36.90	mg/l	100.0
3	Total Dissolved Solids	IS 3025 (P-16): 1984 RA 2017	1327.00	mg/l	500
4	Temperature	IS-3025 (Part-9): 1984, RA 2017	26.50	°C	Shall not exceed 5°C above the receiving water temperature
5	Oil & Grease	IS 3025(P-39):1991 RA 2019	0.80	mg/l	10.0
6	Ammonical Nitrogen (as NH3-N)	IS-3025 (Part-34)- 1988, RA: 2019	31.28	mg/l	50.0
7	Total Kjeladahl Nitrogen (as NH3)	IS: 3025 (Part 34): 1988, RA 2019 (Macro Kjeladahl Method)	39.40	mg/l	100.0
8	BOD (3 days @ 27°C)	IS: 3025 (Part-44): 1993, RA: 2019	18.00	mg/l	30.0
9	COD	IS : 3025 (Part 58) : 2006 RA: 2017	128.96	mg/l	250.0
10	Lead (as Pb)	APHA (23rd edition-2017), 3030D, 3113 B	*BDL(**DL-0.05 mg/l)	mg/l	0.1
11	Chromium (as Cr)	APHA 23rd Eddition Year 2017 Method No. 3113 B	*BDL(**DL-0.02 mg/l)	mg/l	2.0
12	Copper (as Cu)	APHA 23rd Edition 201/ Method No. 3111B	0.11	mg/l	3.0
13	Zinc (as Zn)	APHA (23rd edition-2017), 3030D, 3113 B	0.46	mg/l	5.0
14	Chloride	IS: 3025 (Part 32): 1988, RA. 2019	359.39	mg/l	1000
15	Sulphate (as SO4)	IS: 3025 (Part 24): 1986, RA. 2019 Turbidity Method	406.21	mg/l	1000
16	Sulphide (as S)	IS 3025 (P-29) :1986 RA 2019 Idometric	*BDL(**DL-0.1 mg/l)	mg/l	2.0
17	Arsenic (as As)	APHA (23rd edition-2017), 3114 C	*BDL(**DL-0.005 mg/l)	mg/l	0.2
18	Mercury (as Hg)	APHA (23rd edition-2017), 3114 C	*BDL(**DL-0.005	mg/l	

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VARDAN ENVIROLAB JAIPUR Authorised Signatory

Vardan EnviroLab

Laboratory: Plot No. 24, 25, Narayan Vihar B Block, Jaipur (Raj.) 302035
Corp. Off.: Plot No. 82A, Sector- 5, IMT Manesar, Gurugram- 122051
MoEF & CC Recognised |ISO 9001 | OHSAS 45001)

TC-6652

Test Report

Sample Number : VEL/DCM SHRIRAM/WW/03 **Report No.** : VEL/WW/2009120009/A

S.No.	Test Parameters	Test Method	Result	Unit	Prescribed Limit
18			mg/l)		
19	Phenolic Compounds (as C6H5OH)	APHA 23rd Edition 2017, 5530C	*BDL(**DL-0.1 mg/l)	mg/l	1.0
20	Residual Free Chlorine	IS 3025(P-26): 1986 RA 2019	*BDL(**DL-0.2 mg/l)	mg/l	1.0
21	Iron (as Fe)	IS 3025(P-53): 2003 RA 2019	0.37	mg/l	3.0
22	Nitrate (as N)	IS 3025(Pt -34) Chromotropic Method, RA 2019	4.18	mg/l	10.0

**BDL- Below Detection Limit, *DL- Detection Limit

End of Report

(Checked By)

(Approved By)

VARDAN ENVIROLAB JAIPUR Authorised Signatory

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Vardan EnviroLab

Laboratory: Plot No. 24, 25, Narayan Vihar B Block, Jaipur (Raj.) 302035
Corp. Off.: Plot No. 82A, Sector- 5, IMT Mancsar, Gurugram- 122051
MoEF & CC Recognised |ISO 9001 | OHSAS 45001)

Test Report

Sample Number : VEL/DCM SHRIRAM/WW/03
Name & Address of the Party : M/S DCM Shriram Ltd.
Shriram nagar Kota Rajasthan

Sample Description : **Waste Water**
Location : Final Factory Outlet
Sample Collected by : VEL Team
Parameter Required : As Per Work Order
Sampling and Analysis Protocol : IS 3025

Report No. : VEL/WW/2009120009/B
Format No : 7.8 F-01
Party Reference No : NIL
Reporting Date : 18/09/2020
Period of Analysis : 12/09/2020-18/09/2020
Receipt Date : 12/09/2020
Sampling Date : 09/09/2020
Sampling Quantity : 2 Ltr.
Sampling Type : Grab
Packing Status : Temp. Sealed

S.No.	Test Parameters	Test Method	Result	Unit	Prescribed Limit
1	Colour	IS 3025: 1987 (P-4) RA2017	*BDL(**DL 1.0 Hazen)	Hazen	Colourless
2	Odour	IS 3025 (P-5) : 2018	Agreeable	-	Agreeable
3	Hexavalant Chromium (Cr+6)	APHA 3500 Cr B Colorimetric Method:2017	*BDL(**DL-0.02mg/l)	mg/l	0.1
4	Phosphate (as P)	IS 3025 (P-31)1988,(Stannous Chloride Method) RA: 2019	1.10	mg/l	5.0
5	Cyanide (as CN)	APHA 4500 CN-E:2017	*BDL(**DL-0.05 mg/l)	mg/l	0.2
6	Vanadium (as V)	APHA 3500 V	*BDL(**DL-0.1 mg/l)	mg/l	0.2

**BDL- Below Detection Limit, *DL- Detection Limit

End of Report

(Checked By)

(Approved By)

VARDAN ENVIROLAB JAIPUR Authorised Signatory

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Vardan EnviroLab

Laboratory: Plot No. 24, 25, Narayan Vihar B Block, Jaipur (Raj.) 302035
Corp. Off.: Plot No. 82A, Sector- 5, IMT Manesar, Gurugram- 122051
MoEF & CC Recognised |ISO 9001 | OHSAS 45001)

Test Report

Sample Number : VEL/W/2007010010
Name & Address of the Party : M/S DCM Shriram Ltd.
Shriram nagar Kota Rajasthan

Report No. : VEL/W/2007010010
Format No : 7.8 F-01
Party Reference No : NIL
Reporting Date : 09/07/2020
Period of Analysis : 01/07/2020-09/07/2020
Receipt Date : 01/07/2020
Sampling Date : 30/06/2020
Sampling Quantity : 2.0 Ltr.
Sampling Type : Grab

Sample Description : GROUND WATER
Location : Hand Pump Near Tampo Stand Shriram Nagar
Sample Collected by : Vardan Envirolab Team
Preservation : 25 DEGREE
Sampling and Analysis Protocol : IS 10500 -2012

S.No.	Parameters	Protocols	Results	Units	Acceptable Limits (as	Permissible Limits (as per IS:
1	pH	IS 3025 (P-11): 1983 Reaff. 2017	7.42	NA	6.5 to 8.5	No Relaxation
2	Total Dissolved Solids (Max.)	IS 3025 (P-16): 1984 Reaff 2017	480.00	Mg/L	500	2000
3	Total Alkalinity (as CaCO3) (Max.)	IS: 3025 (Part 23): 1986, Reaff. 2019	198.90	Mg/L	200	600
4	Total Hardness (as CaCO3) (Max.)	IS: 3025 (Part 21): 2009, Reaff. 2019	264.64	Mg/L	200	600
5	Nitrate (as NO3) (Max.)	IS: 3025 (Part 34): 1988, Reaff. 2019	6.22	Mg/L	45	No Relaxation
6	Chloride (as Cl) (Max.)	IS: 3025 (Part 32): 1988, Reaff. 2019	97.84	Mg/L	250	1000
7	Sulphate (as SO4) (Max.)	IS: 3025 (Part 24): 1986, Reaff. 2019 Turbidity Method	54.87	Mg/L	200	400
8	Calcium (as Ca) (Max.)	IS: 3025 (Part 40): 1991 Reaff. 2019	81.85	Mg/L	75	200
9	Magnesium (as Mg) (Max.)	IS: 3025 (Part 46): 1994, Reaff. 2009 (EDTA method)	12.22	Mg/L	30	100
10	Fluorides (as F) (Max.)	APHA 23rd Edition 2017, 4500 FD	0.56	Mg/L	1.0	1.5
11	Total Iron (as Fe) (Max.)	IS 3025(P-53): 2003 Reaffirm 2019	0.29	Mg/L	0.3	No Relaxation
12	Arsenic (as As) (Max.)	APHA (23rd edition-2017), 3114 C	*BDL (**DL 0.01mg/l)	Mg/L	0.01	0.05
13	Mercury (as Hg) (Max.)	APHA (23rd edition-2017), 3114C	*BDL (**DL 0.001mg/l)	Mg/L	0.001	No Relaxation
14	Lead (as Pb) (Max.)	APHA (23rd edition-2017), 3030D, 3113 B	*BDL (**DL 0.008mg/l)	Mg/L	0.01	No Relaxation
15	Cadmium (as Cd) (Max.)	APHA (23rd edition-2017), 3030D, 3113 B	*BDL (**DL 0.06mg/l)	Mg/L	0.003	No Relaxation
16	Copper (as Cu) (Max.)	APHA 23rd Edition Year 2017 Method No. 3111B	*BDL (**DL 0.02mg/l)	Mg/L	0.05	1.5
17	Zinc (as Zn) (Max.)	APHA (23rd edition-2017), 3030D, 3113 B	*BDL (**DL 0.02mg/l)	Mg/L	5.0	15
18	Selenium (as Se) (Max.)	APHA (23rd edition-2017), 3114C	*BDL (**DL 0.01mg/l)	Mg/L	0.01	No Relaxation

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Vardan EnviroLab

Laboratory: Plot No. 24, 25, Narayan Vihar B Block, Jaipur (Raj.) 302035
Corp. Off.: Plot No. 82A, Sector- 5, IMT Manesar, Gurugram- 122051
MoEF & CC Recognised |ISO 9001 | OHSAS 45001)

Test Report

Sample Number : VEL/W/2007010010 Report No. : VEL/W/2007010010

S.No.	Parameters	Protocols	Results	Units		
					Acceptable Limits (as	Permissible Limits (as per IS:
19	Total Coliform (By MPN Method)	IS:1622	Absent	MPN/100 ml	Shall not be Detectable in any 100 ml sample	NA
20	E-Coli	IS:1622	Absent	per 100 ml	Absent/100 ml	Absent/100 ml
21	Turbidity	IS 3025 (Part 10): 1984, Ref: 2017, (Nephelometeric Method)	*BDL (**DL 0.01 NTU)	NTU	1	5
22	Menganese (as Mn)	IS: 3025 (Part 46): 1994, Reaff. 2019 (EDTA method)	*BDL (**DL 0.06mg/l)	Mg/L	0.1	0.3
23	Ammonia (as NH3)	IS-3025 (Part-34)- 1988, Ref: 2019	*BDL (**DL 0.01mg/l)	Mg/L	0.5	No Relaxation
24	Cyanide (as CN)	APHA 23rd Edition 2017, 4500CN D	*BDL (**DL 0.02mg/l)	Mg/L	0.05	No Relaxation
25	Colour	IS 3025: 1983 (P-4) Reaff. 2017	*BDL (**DL 5 Hazen)	Hazen Unit	5	15
26	Odour	IS 3025 (P-5):2018	Agreeable	Qualitative	Agreeable	Agreeable
27	Taste	IS 3025(P-8):1984 Reaff. 2017	Agreeable	Qualitative	Agreeable	Agreeable
28	Phenolic Compound	APHA 23rd Edition 2017, 5530C	*BDL (**DL 0.001mg/l)	Mg/L	0.001	0.002
29	Anionic Surface Active Agent	APHA 23rd Edition 2017, 5540C	*BDL (**DL 0.02mg/l)	Mg/L	0.2	1.0
30	Free Residual Chlorine	IS: 3025 (Part 26): 1986 Reaff. 2019	*BDL (**DL 0.02mg/l)	Mg/L	0.2	1
31	Barium as (Ba)	APHA3111B	*BDL (**DL 0.02mg/l)	mg/l	0.7	No Relaxation

* BDL Brlow Detection Limit ** DL Detection Limit

End of Report

(Tested By)

(Approved By)

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Vardan EnviroLab

Laboratory: Plot No. 24, 25, Narayan Vihar B Block, Jaipur (Raj.) 302035
Corp. Off.: Plot No. 82A, Sector- 5, IMT Manesar, Gurugram- 122051
MoEF & CC Recognised |ISO 9001 | OHSAS 45001)

Test Report

Sample Number : VEL/W/2007010011
Name & Address of the Party : M/S DCM Shriram Ltd.
Shriram nagar Kota Rajasthan

Report No. : VEL/W/2007010011
Format No : 7.8 F-01
Party Reference No : NIL
Reporting Date : 09/07/2020
Period of Analysis : 01/07/2020-09/07/2020
Receipt Date : 01/07/2020
Sampling Date : 30/06/2020
Sampling Quantity : 2.0 Ltr.
Sampling Type : Grab

Sample Description : GROUND WATER
Location : Hand Pump Near Ash Lagoon
Sample Collected by : Vardan Envirolab Team
Preservation : 25 DEGREE
Sampling and Analysis Protocol : IS 10500 -2012

S.No.	Parameters	Protocols	Results	Units		
					Acceptable Limits (as	Permissible Limits (as per IS:
1	pH	IS 3025 (P 11): 1983 Reaff. 2017	7.30	NA	6.5 to 8.5	No Relaxation
2	Total Dissolved Solids (Max.)	IS 3025 (P-16): 1984 Reaff 2017	494.10	Mg/L	500	2000
3	Total Alkalinity (as CaCO3) (Max.)	IS: 3025 (Part 23): 1986, Reaff. 2019	196.00	Mg/L	200	600
4	Total Hardness (as CaCO3) (Max.)	IS: 3025 (Part 21): 2009, Reaff. 2019	265.98	Mg/L	200	600
5	Nitrate (as NO3) (Max.)	IS: 3025 (Part 34): 1988, Reaff. 2019	8.62	Mg/L	45	No Relaxation
6	Chloride (as Cl) (Max.)	IS: 3025 (Part 32): 1988, Reaff. 2019	105.00	Mg/L	250	1000
7	Sulphate (as SO4) (Max.)	IS: 3025 (Part 24): 1986, Reaff. 2019 Turbidity Method	67.85	Mg/L	200	400
8	Calcium (as Ca) (Max.)	IS: 3025 (Part 40): 1991 Reaff. 2019	92.92	Mg/L	75	200
9	Magnesium (as Mg) (Max.)	IS: 3025 (Part 46): 1994, Reaff. 2009 (EDTA method)	8.29	Mg/L	30	100
10	Fluorides (as F) (Max.)	APHA 23rd Edition 2017, 4500 FD	0.64	Mg/L	1.0	1.5
11	Total Iron (as Fe) (Max.)	IS 3025(P-53): 2003 Reaffirm 2019	0.22	Mg/L	0.3	No Relaxation
12	Arsenic (as As) (Max.)	APHA (23rd edition-2017), 3114 C	*BDL (**DL 0.01mg/l)	Mg/L	0.01	0.05
13	Mercury (as Hg) (Max.)	APHA (23rd edition-2017), 3114C	*BDL (**DL 0.001mg/l)	Mg/L	0.001	No Relaxation
14	Lead (as Pb) (Max.)	APHA (23rd edition-2017), 3030D, 3113 B	*BDL (**DL 0.008mg/l)	Mg/L	0.01	No Relaxation
15	Cadmium (as Cd) (Max.)	APHA (23rd edition-2017), 3030D, 3113 B	*BDL (**DL 0.06mg/l)	Mg/L	0.003	No Relaxation
16	Copper (as Cu) (Max.)	APHA 23rd Edition Year 2017 Method No. 3111B	*BDL (**DL 0.02mg/l)	Mg/L	0.05	1.5
17	Zinc (as Zn) (Max.)	APHA (23rd edition-2017), 3030D, 3113 B	*BDL (**DL 0.02mg/l)	Mg/L	5.0	15
18	Selenium (as Se) (Max.)	APHA (23rd edition-2017), 3114C	*BDL (**DL 0.01mg/l)	Mg/L	0.01	No Relaxation

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Vardan EnviroLab

Laboratory: Plot No. 24, 25, Narayan Vihar B Block, Jaipur (Raj.) 302035
Corp. Off.: Plot No. 82A, Sector- 5, IMT Manesar, Gurugram- 122051
MoEF & CC Recognised |ISO 9001 | OHSAS 45001)

Test Report

Sample Number : VEL/W/2007010011 Report No. : VEL/W/2007010011

S.No.	Parameters	Protocols	Results	Units	Acceptable Limits (as	Permissible Limits (as per IS:
19	Total Coliform (By MPN Method)	IS:1622	Absent	MPN/100 ml	Shall not be Detectable in any 100 ml sample	NA
20	E-Coli	IS:1622	Absent	per 100 ml	Absent/100 ml	Absent/100 ml
21	Turbidity	IS 3025 (Part 10): 1984, Ref: 2017, (Nephelometeric Method)	*BDL (**DL 0.01 NTU)	NTU	1	5
22	Menganese (as Mn)	IS: 3025 (Part 46): 1994, Reaff. 2019 (EDTA method)	*BDL (**DL 0.06mg/l)	Mg/L	0.1	0.3
23	Ammonia (as NH3)	IS-3025 (Part-34)- 1988, Ref: 2019	*BDL (**DL 0.01mg/l)	Mg/L	0.5	No Relaxation
24	Cyanide (as CN)	APHA 23rd Edition 2017, 4500CN D	*BDL (**DL 0.02mg/l)	Mg/L	0.05	No Relaxation
25	Colour	IS 3025: 1983 (P-4) Reaff 2017	*BDL (**DL 5 Hazen)	Hazen Unit	5	15
26	Odour	IS 3025 (P-5):2018	Agreeable	Qualitative	Agreeable	Agreeable
27	Taste	IS 3025(P-8):1984 Reaff. 2017	Agreeable	Qualitative	Agreeable	Agreeable
28	Phenolic Compound	APHA 23rd Edition 2017, 5530C	*BDL (**DL 0.001mg/l)	Mg/L	0.001	0.002
29	Anionic Surface Active Agent	APHA 23rd Edition 2017, 5540C	*BDL (**DL 0.02mg/l)	Mg/L	0.2	1.0
30	Free Residual Chlorine	IS: 3025 (Part 26): 1986 Reaff. 2019	*BDL (**DL 0.02mg/l)	Mg/L	0.2	1
31	Barium as (Ba)	APHA3111B	*BDL (**DL 0.02mg/l)	mg/l	0.7	No Relaxation

* BDL Below Detection Limit ** DL Detection Limit

End of Report

(Tested By)

(Approved By)

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Vardan EnviroLab

Laboratory: Plot No. 24, 25, Narayan Vihar B Block, Jaipur (Raj.) 302035
Corp. Off.: Plot No. 82A, Sector- 5, IMT Manesar, Gurugram- 122051
MoEF & CC Recognised |ISO 9001 | OHSAS 45001)

TC-6652

Test Report

Sample Number : VEL/DCM SHRIRAM/PW/01
Name & Address of the Party : M/S DCM Shriram Ltd.
Shriram nagar Kota Rajasthan

Report No. : VEL/W/2009120015/A
Format No : 7.8 F-01
Party Reference No : NIL
Reporting Date : 19/09/2020
Period of Analysis : 12/09/2020-19/09/2020
Receipt Date : 12/09/2020
Sampling Date : 09/09/2020
Sampling Quantity : 2 Ltr.
Sampling Type : Grab

Sample Description : GROUND WATER
Location : H.P. Nr. Ash Lagoon Gate
Sample Collected by : VEL Team
Preservation : 25°C
Sampling and Analysis Protocol : IS 10500 2012

S.No.	Test Parameters	Test Method	Results	Units	Specifications	Limits (Max)
1	pH (at 25°C)	IS 3025(P-11): 1983 RA 2017	7.12	--	6.5 to 8.5	No Relaxation
2	Turbidity	IS 3025 (Part 10): 1984, RA 2017	*BDL(**DL 1.0 NTU)	NTU	1	5
3	Total Hardness (as CaCO3)	IS: 3025 (Part 21): 2009, RA 2019	265.32	mg/l	200	600
4	Calcium (as Ca)	IS: 3025 (Part 40): 1991 RA 2019	68.25	mg/l	75	200
5	Total Alkalinity (as CaCO3)	IS: 3025 (Part 23): 1986, RA 2019	250.88	mg/l	200	600
6	Chloride (as Cl)	IS: 3025 (Part 32): 1988, RA 2019	130.16	mg/l	250	1000
7	Magnesium (as Mg)	IS: 3025 (Part 46): 1994, RA 2019	23.17	mg/l	30	100
8	Total Dissolved Solids	IS 3025 (P-16): 1984 RA 2017	516.00	mg/l	500	2000
9	Sulphate (as SO4)	IS: 3025 (Part 24): 1986, RA 2019	60.14	mg/l	200	400
10	Fluoride (as F)	APHA 23rd Edition 2017, 4500FD	0.48	mg/l	1.0	1.5
11	Nitrate (as NO3)	IS: 3025 (Part 34): 1988, RA 2019 (Chromotropic Method)	8.25	mg/l	45.0	No Relaxation
12	Iron (as Fe)	IS 3025(P-53): 2003 RA 2019	0.24	mg/l	0.3	No Relaxation
13	Phenolic Compounds (C6H5OH)	APHA 23rd Edition 2017, 5530C	*BDL(**DL-0.001mg/L)	mg/l	0.001	0.002
14	Zinc (as Zn)	APHA (23rd edition-2017), 3030D, 3113 B	*BDL(**DL-0.2 mg/L)	mg/l	5.0	15.0
15	Copper (as Cu)	APHA 23rd Edition Year 2017 Method No. 3111B	*BDL(**DL-0.02 mg/L)	mg/l	0.05	1.5
16	Manganese (as Mn)	APHA 23rd edition-2017), 3030D, 3111 B	*BDL(**DL-0.05 mg/L)	mg/l	0.1	0.3
17	Cadmium (as Cd)	APHA (23rd edition-2017), 3030D, 3113 B	*BDL(**DL-0.002 mg/L)	mg/l	0.003	No Relaxation
18	Lead (as Pb)	APHA (23rd edition-2017), 3030D, 3113 B	*BDL(**DL-0.005 mg/L)	mg/l	0.01	No Relaxation
19	Selenium (as Se)	APHA (23rd edition-2017), 3114C	*BDL(**DL-0.005 mg/L)	mg/l	0.01	No Relaxation
20	Arsenic (as As)	APHA (23rd edition-2017), 3114C	*BDL(**DL-0.005	mg/l	0.01	0.05

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VARDAN ENVIROLAB JAIPUR Authorised Signatory

Vardan EnviroLab

Laboratory: Plot No. 24, 25, Narayan Vihar B Block, Jaipur (Raj.) 302035
Corp. Off.: Plot No. 82A, Sector- 5, IMT Manesar, Gurugram- 122051
MoEF & CC Recognised |ISO 9001 | OHSAS 45001)

TC-6652

Test Report

Sample Number : VEL/DCM SHRIRAM/PW/01 Report No. : VEL/W/2009120015/A

S.No.	Test Parameters	Test Method	Results	Units	Specifications	Limits (Max)
20			mg/L)			
21	Mercury (as Hg)	APHA (23rd edition-2017), 3114C	*BDL(**DL-0.0005 mg/L)	mg/l	0.001	No Relaxation
22	Ammonia (as N)	IS-3025 (Part-34)- 1988, RA 2019	*BDL(**DL-0.3 mg/l)	mg/l	0.5	No Relaxation
23	Residual Free Chlorine	IS 3025 (P-26):1986 RA 2019	*BDL(**DL-0.2 mg/L)	mg/l	0.2	1.0

* BDL Below Detection Limit ** DL Detection Limit

End of Report

(Checked By)

(Approved By)

VARDAN ENVIROLAB * Authorised Signatory *

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Vardan EnviroLab

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Corp. Off.: Plot No. 82A, Sector- 5, IMT Manesar, Gurugram- 122051
MoEF & CC Recognised |ISO 9001 | OHSAS 45001)

Test Report

Sample Number : VEL/DCM SHRIRAM/PW/01
Name & Address of the Party : M/S DCM Shriram Ltd.
Shriram nagar Kota Rajasthan

Report No. : VEL/W/2009120015/B
Format No : 7.8 F-01
Party Reference No : NIL
Reporting Date : 19/09/2020
Period of Analysis : 12/09/2020-19/09/2020
Receipt Date : 12/09/2020
Sampling Date : 09/09/2020
Sampling Quantity : 2 Ltr.
Sampling Type : Grab

Sample Description : GROUND WATER
Location : H.P. Nr. Ash Lagoon Gate
Sample Collected by : VEL Team
Preservation : 25°C
Sampling and Analysis Protocol : IS 10500 2012

S.No.	Test Parameters	Test Method	Results	Units	Specifications	Limits (Max)
1	Colour	IS 3025: 1983 (P-4) RA 2017	*BDL(**DL 1.0 Hazen)	Hazen	5	15
2	Odour	IS 3025 (P-5) : RA 2018	Agreeable	--	Agreeable	Agreeable
3	Taste	IS 3025 (P-8): 1984 RA 2017	Agreeable	--	Agreeable	Agreeable
4	Cyanide (as CN)	APHA 23rd Edition 2017, 4500CN D	*BDL(**DL-0.05 mg/L)	mg/l	0.05	No Relaxation
5	Anionic Detergents (as MBAS)	APHA 23rd Edition 2017, 5540C	*BDL(**DL-0.10 mg/L)	mg/l	0.2	1.0
6	Total Coliform	IS 1622:2009	Absent	MPN/100 ml	Shall not be detectable in any 100 ml sample	--
7	E.Coli	IS 1622:2009	Absent	MPN/100 ml	Shall not be detectable in any 100 ml sample	--
8	Barium as Ba	APHA 3111B	*BDL(**DL-0.05 mg/l)	mg/l	0.7	No relaxation

* BDL Below Detection Limit ** DL Detection Limit

End of Report

(Checked By)

(Approved By)
VARDAN ENVIROLAB JAIPUR Authorised Signatory

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Vardan EnviroLab

Laboratory: Plot No. 24, 25, Narayan Vihar B Block, Jaipur (Raj.) 302035
Corp. Off.: Plot No. 82A, Sector- 5, IMT Manesar, Gurugram- 122051
MoEF & CC Recognised |ISO 9001 | OHSAS 45001)

TC-6652

Test Report

Sample Number : VEL/DCM SHRIRAM/PW/02
Name & Address of the Party : M/S DCM Shriram Ltd.
Shriram nagar Kota Rajasthan

Report No. : VEL/W/2009120016/A
Format No : 7.8 F-01
Party Reference No : NIL
Reporting Date : 19/09/2020
Period of Analysis : 12/09/2020-19/09/2020
Receipt Date : 12/09/2020
Sampling Date : 09/09/2020
Sampling Quantity : 2 Ltr.
Sampling Type : Grab

Sample Description : GROUND WATER
Location : Hand Pump Near Tampo Stand Shriram Nagar
Sample Collected by : VEL Team
Preservation : 25°C
Sampling and Analysis Protocol : IS 10500 2012

S.No.	Test Parameters	Test Method	Results	Units	Specifications	Limits (Max)
1	pH (at 25°C)	IS 3025(P-11): 1983 RA 2017	7.84	--	6.5 to 8.5	No Relaxation
2	Turbidity	IS 3025 (Part 10): 1984, RA 2017	*BDL(**DL 1.0 NTU)	NTU	1	5
3	Total Hardness (as CaCO3)	IS: 3025 (Part 21): 2009, RA 2019	213.84	mg/l	200	600
4	Calcium (as Ca)	IS: 3025 (Part 40): 1991 RA 2019	63.49	mg/l	75	200
5	Total Alkalinity (as CaCO3)	IS: 3025 (Part 23): 1986, RA 2019	196.00	mg/l	200	600
6	Chloride (as Cl)	IS: 3025 (Part 32): 1988, RA 2019	81.59	mg/l	250	1000
7	Magnesium (as Mg)	IS: 3025 (Part 46): 1994, RA 2019	13.47	mg/l	30	100
8	Total Dissolved Solids	IS 3025 (P-16): 1984 RA 2017	441.00	mg/l	500	2000
9	Sulphate (as SO4)	IS: 3025 (Part 24): 1986, RA 2019	30.07	mg/l	200	400
10	Fluoride (as F)	APHA 23rd Edition 2017, 4500FD	0.43	mg/l	1.0	1.5
11	Nitrate (as NO3)	IS: 3025 (Part 34): 1988, RA 2019 (Chromotropic Method)	7.61	mg/l	45.0	No Relaxation
12	Iron (as Fe)	IS 3025(P-53): 2003 RA 2019	0.22	mg/l	0.3	No Relaxation
13	Phenolic Compounds (C6H5OH)	APHA 23rd Edition 2017, 5530C	*BDL(**DL-0.001 mg/L)	mg/l	0.001	0.002
14	Zinc (as Zn)	APHA (23rd edition-2017), 3030D, 3113 B	*BDL(**DL-0.2 mg/L)	mg/l	5.0	15.0
15	Copper (as Cu)	APHA 23rd Edition Year 2017 Method No. 3111B	*BDL(**DL-0.02 mg/L)	mg/l	0.05	1.5
16	Manganese (as Mn)	APHA 23rd edition-2017), 3030D, 3111 B	*BDL(**DL-0.05 mg/L)	mg/l	0.1	0.3
17	Cadmium (as Cd)	APHA (23rd edition-2017), 3030D, 3113 B	*BDL(**DL-0.002 mg/L)	mg/l	0.003	No Relaxation
18	Lead (as Pb)	APHA (23rd edition-2017), 3030D, 3113 B	*BDL(**DL-0.005 mg/L)	mg/l	0.01	No Relaxation
19	Selenium (as Se)	APHA (23rd edition-2017), 3114C	*BDL(**DL-0.005 mg/L)	mg/l	0.01	No Relaxation
20	Arsenic (as As)	APHA (23rd edition-2017), 3114C	*BDL(**DL-0.005	mg/l	0.01	0.05

VARDAN ENVIROLAB JAIPUR * Authorised Signatory *

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Vardan EnviroLab

Laboratory: Plot No. 24, 25, Narayan Vihar B Block, Jaipur (Raj.) 302035
Corp. Off.: Plot No. 82A, Sector- 5, IMT Manesar, Gurugram- 122051
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TC-6652

Test Report

Sample Number : VEL/DCM SHRIRAM/PW/02 **Report No.** : VEL/W/2009120016/A

S.No.	Test Parameters	Test Method	Results	Units	Specifications	Limits (Max)
20			mg/L)			
21	Mercury (as Hg)	APHA (23rd edition-2017), 3114C	*BDL(**DL-0.0005 mg/L)	mg/l	0.001	No Relaxation
22	Ammonia (as N)	IS-3025 (Part-34)- 1988, RA 2019	*BDL(**DL-0.3 mg/l)	mg/l	0.5	No Relaxation
23	Residual Free Chlorine	IS 3025 (P-26):1986 RA 2019	*BDL(**DL- 0.2 mg/L)	mg/l	0.2	1.0

* BDL Below Detection Limit **DL Detection Limit

End of Report

(Checked By)

(Approved By)

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Corp. Off.: Plot No. 82A, Sector- 5, IMT Manesar, Gurugram- 122051
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Test Report

Sample Number : VEL/DCM SHRIRAM/PW/02
Name & Address of the Party : M/S DCM Shriram Ltd.
Shriram nagar Kota Rajasthan

Report No. : VEL/W/2009120016/B
Format No : 7.8 F-01
Party Reference No : NIL
Reporting Date : 19/09/2020
Period of Analysis : 12/09/2020-19/09/2020
Receipt Date : 12/09/2020
Sampling Date : 09/09/2020
Sampling Quantity : 2 Ltr.
Sampling Type : Grab

Sample Description : GROUND WATER
Location : Hand Pump Near Tampo Stand Shriram Nagar
Sample Collected by : VEL Team
Preservation : 25°C
Sampling and Analysis Protocol : IS 10500 2012

S.No.	Test Parameters	Test Method	Results	Units		
					Specifications	Limits (Max)
1	Colour	IS 3025: 1983 (P-4) RA 2017	*BDL(**DL 1.0 Hazen)	Hazen	5	15
2	Odour	IS 3025 (P-5) : RA 2018	Agreeable	--	Agreeable	Agreeable
3	Taste	IS 3025 (P-8): 1984 RA 2017	Agreeable	--	Agreeable	Agreeable
4	Cyanide (as CN)	APHA 23rd Edition 2017, 4500CN D	*BDL(**DL-0.05 mg/L)	mg/l	0.05	No Relaxation
5	Anionic Detergents (as MBAS)	APHA 23rd Edition 2017, 5540C	*BDL(**DL-0.10 mg/L)	mg/l	0.2	1.0
6	Total Coliform	IS 1622:2009	Absent	MPN/100 ml	Shall not be detectable in any 100 ml sample	--
7	E.Coli	IS 1622:2009	Absent	MPN/100 ml	Shall not be detectable in any 100 ml sample	--
8	Barium as Ba	APHA 3111B	*BDL(**DL-0.05 mg/l)	mg/l	0.7	No relaxation

* BDL Below Detection Limit **DL Detection Limit

End of Report

(Checked By)

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Vardan EnviroLab

Laboratory: Plot No. 24, 25, Narayan Vihar B Block, Jaipur (Raj.) 302035
Corp. Off.: Plot No. 82A, Sector- 5, IMT Manesar, Gurugram- 122051
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TC-6652

Test Report

Sample Number : VEL/DCM SHRIRAM/SW/01
Name & Address of the Party : M/S DCM Shriram Ltd.
Shriram nagar Kota Rajasthan

Name of the Project :

Sample Description : SURFACE WATER
Location : River Chambal Nr. Manasgaon
Sample Collected by : VEL Team
Parameter Required : As Per Work Order
Sampling and Analysis Protocol : IS 2296

Report No. : VEL/W/2009120018/A
Format No : 7.8 F-01
Party Reference No : NIL
Reporting Date : 19/09/2020
Period of Analysis : 12/09/2020-19/09/2020
Receipt Date : 12/09/2020
Sampling Date : 09/09/2020
Sampling Quantity : 2 Ltr.
Sampling Type : Grab
Preservation : 25°C

S.No.	Test Parameters	Test Method	Results	Units
1	pH (at 25°C)	IS 3025(P-11): 1983 RA 2017	7.55	--
2	Turbidity	IS 3025 (Part 10): 1984, RA 2017	*BDL(**DL 1.0 NTU)	NTU
3	Total Hardness (as CaCO3)	IS: 3025 (Part 21): 2009, RA 2019	146.52	mg/l
4	Calcium (as Ca)	IS: 3025 (Part 40): 1991 RA 2019	42.85	mg/l
5	Total Alkalinity (as CaCO3)	IS: 3025 (Part 23): 1986, RA 2019	133.28	mg/l
6	Chloride (as Cl)	IS: 3025 (Part 32): 1988, RA 2019	42.74	mg/l
7	Magnesium (as Mg)	IS: 3025 (Part 46): 1994, RA 2019	9.63	mg/l
8	Total Dissolved Solids	IS 3025 (P-16): 1984 RA 2017	239.00	mg/l
9	Sulphate (as SO4)	IS: 3025 (Part 24): 1986, RA 2019	16.22	mg/l
10	Fluoride (as F)	APHA 23rd Edition 2017, 4500FD	0.22	mg/l
11	Nitrate (as NO3)	IS: 3025 (Part 34): 1988, RA 2019 (Chromotropic Method)	5.98	mg/l
12	Iron (as Fe)	IS 3025(P-53): 2003 RA 2019	0.13	mg/l
13	Phenolic Compounds (C6H5OH)	APHA 23rd Edition 2017, 5530C	*BDL(**DL-0.001 mg/l)	mg/l
14	Zinc (as Zn)	APHA (23rd edition-2017), 3030D, 3113 B	*BDL(**DL-0.2 mg/l)	mg/l
15	Copper (as Cu)	APHA 23rd Edition Year 2017 Method No. 3111B	*BDL(**DL-0.02 mg/l)	mg/l
16	Manganese (as Mn)	APHA 23rd edition-2017), 3030D, 3111 B	*BDL(**DL-0.05 mg/l)	mg/l
17	Cadmium (as Cd)	APHA (23rd edition-2017), 3030D, 3113 B	*BDL(**DL-0.002 mg/l)	mg/l
18	Lead (as Pb)	APHA (23rd edition-2017), 3030D, 3113 B	*BDL(**DL-0.005 mg/l)	mg/l

VARDAN ENVIROLAB JAIPUR Authorised Signatory

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Vardan EnviroLab

Laboratory: Plot No. 24, 25, Narayan Vihar B Block, Jaipur (Raj.) 302035
Corp. Off.: Plot No. 82A, Sector- 5, IMT Manesar, Gurugram- 122051
MoEF & CC Recognised |ISO 9001 | OHSAS 45001)

TC-6652

Test Report

Sample Number : VEL/DCM SHRIRAM/SW/01 **Report No.** : VEL/W/2009120018/A

S.No.	Test Parameters	Test Method	Results	Units
19	Selenium (as Se)	APHA (23rd edition-2017), 3114C	*BDL(**DL-0.005 mg/l)	mg/l
20	Arsenic (as As)	APHA (23rd edition-2017), 3114C	*BDL(**DL-0.005 mg/l)	mg/l
21	Mercury (as Hg)	APHA (23rd edition-2017), 3114C	*BDL(**DL-0.0005 mg/l)	mg/l
22	Ammonia (as N)	IS-3025 (Part-34)- 1988, RA 2019	*BDL(**DL-0.3 mg/l)	mg/l
23	Residual Free Chlorine	IS 3025 (P-26):1986 RA 2019	*BDL(**DL- 2 mg/l)	mg/l

* BDL Below Detection Limit ** DL Detection Limit

End of Report

(Checked By)

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(Approved By)

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Corp. Off.: Plot No. 82A, Sector- 5, IMT Manesar, Gurugram- 122051
MoEF & CC Recognised |ISO 9001 | OHSAS 45001)

Test Report

Sample Number : VEL/DCM SHRIRAM/SW/01
Name & Address of the Party : M/S DCM Shriram Ltd.
Shriram nagar Kota Rajasthan

Name of the Project :

Sample Description : SURFACE WATER
Location : River Chambal Nr. Manasgaon
Sample Collected by : VEL Team
Parameter Required : As Per Work Order
Sampling and Analysis Protocol : IS 2296

Report No. : VEL/W/2009120018/B
Format No : 7.8 F-01
Party Reference No : NIL
Reporting Date : 19/09/2020
Period of Analysis : 12/09/2020-19/09/2020
Receipt Date : 12/09/2020
Sampling Date : 09/09/2020
Sampling Quantity : 2 Ltr.
Sampling Type : Grab
Preservation : 25°C

S.No.	Test Parameters	Test Method	Results	Units
1	Colour	IS 3025: 1983 (P-4) RA 2017	*BDL(**DL 1.0 Hazen)	Hazen
2	Odour	IS 3025 (P-5) : RA 2018	Agreeable	--
3	Taste	IS 3025 (P-8): 1984 RA 2017	Agreeable	--
4	Cyanide (as CN)	APHA 23rd Edition 2017, 4500CN D	*BDL(**DL-0.05 mg/l)	mg/l
5	Anionic Detergents (as MBAS)	APHA 23rd Edition 2017, 5540C	*BDL(**DL-0.05 mg/l)	mg/l
6	Total Coliform	IS 1622:2009	Absent	MPN/100 ml
7	E.Coli	IS 1622:2009	Absent	MPN/100 ml
8	Barium as Ba	APHA 3111B	*BDL(**DL-0.05 mg/l)	mg/l

* BDL Below Detection Limit ** DL Detection Limit

End of Report

(Checked By)

VARDAN ENVIROLAB * Authorised Signatory

(Approved By)

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Vardan EnviroLab

Laboratory: Plot No. 24, 25, Narayan Vihar B Block, Jaipur (Raj.) 302035
Corp. Off.: Plot No. 82A, Sector- 5, IMT Manesar, Gurugram- 122051
MoEF & CC Recognised |ISO 9001 | OHSAS 45001)

Test Report

Sample Number : VEL/N/2007010009
Name & Address of the Party : M/S DCM Shriram Ltd.
Shriram nagar Kota Rajasthan

Report No. : VEL/N/2007010009
Format No : 7.8 F-01
Party Reference No : NIL
Reporting Date : 09/07/2020
Receipt Date : 01/07/2020
Sampling Duration : 24 Hrs.
Sample Collected by : Vardan Envirolab Team
Instrument Calibration Status : Calibrated

Sample Description : Ambient Noise
Scope of Monitoring : Regulatory Requirment
Protocol Used : IS 9989: IS 9876
Instrument Used : SLM

General Information

Sampling Location : Material Gate
Instrument Code : VEL/SLM/01
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 29/06/2020 To 30/06/2020
Time of Monitoring : 06.00 AM to 06.00 AM
Ambient Temperature (°C) : Min. 25° Max. 41°
Surrounding Activity : Human, Vehicular and Plant Act.
Parameter Required : As Per Work Order

S.No.	Test Parameters	Protocol	Test Result dB(A)	
			Day Time	Night Time
1	Leq	IS 9989 1981	70.6	60.8

Category of Zones	Leq in dB(A)	
	Day	Night
Industrial	75	70
Commercial	65	55
Residential	55	45
Silence Zone	50	40

1. Day Time is from 6.00 AM to 10.00 PM.
2: Night Time is reckoned between 10.00 PM to 6.00 AM
3. SilenceZone is defined as an area up to 100m around premises of Hospitals, Educational Institutions and Courts. Use of vehicle horn, loudspeaker and bursting of crackers is banned in these zones.

Note: Mixed categories of areas be declared as one of the four above mentioned categories by the competent Authority and the corresponding standards shall apply

End of Report

(Tested By)

VARDAN ENVIRO LAB

(Approved By)

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Vardan EnviroLab

Laboratory: Plot No. 24, 25, Narayan Vihar B Block, Jaipur (Raj.) 302035
Corp. Off.: Plot No. 82A, Sector- 5, IMT Manesar, Gurugram- 122051
MoEF & CC Recognised |ISO 9001 | OHSAS 45001)

Test Report

Sample Number : VEL/N/2007010010
Name & Address of the Party : M/S DCM Shriram Ltd.
Shriram nagar Kota Rajasthan

Report No. : VEL/N/2007010010
Format No : 7.8 F-01
Party Reference No : NIL
Reporting Date : 09/07/2020
Receipt Date : 01/07/2020
Sampling Duration : 24 Hrs.
Sample Collected by : Vardan Envirolab Team
Instrument Calibration Status : Calibrated

Sample Description : Ambient Noise
Scope of Monitoring : Regulatory Requirment
Protocol Used : IS 9989: IS 9876
Instrument Used : SLM

General Information

Sampling Location : Near Railway Station Power Plant
Instrument Code : VEL/SLM/02
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 29/06/2020 To 30/06/2020
Time of Monitoring : 06.00 AM to 06.00 AM
Ambient Temperature (°C) : Min. 26° Max. 42°
Surrounding Activity : Human, Vehicular Act.
Parameter Required : As Per Work Order

S.No.	Test Parameters	Protocol	Test Result dB(A)	
			Day Time	Night Time
1	Leq	IS 9989 - 1981	71.4	57.6

Category of Zones	Leq in dB(A)	
	Day	Night
Industrial	75	70
Commercial	65	55
Residential	55	45
Silence Zone	50	40

1. Day Time is from 6.00 AM to 10.00 PM.
2: Night Time is reckoned between 10.00 PM to 6.00 AM
3. SilenceZone is defined as an area up to 100m around premises of Hospitals, Educational Institutions and Courts. Use of vehicle horn, ludspeaker and bursting of crackers is banned in these zones.

Note: Mixed categories of areas be declared as one of the four above mentioned categories by the competent Authority and the corresponding standards shall apply

End of Report

(Tested By)

VARDAN ENVIROLAB JAIPUR

(Approved By)

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Vardan EnviroLab

Laboratory: Plot No. 24, 25, Narayan Vihar B Block, Jaipur (Raj.) 302035
Corp. Off.: Plot No. 82A, Sector- 5, IMT Manesar, Gurugram- 122051
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Test Report

Sample Number : VEL/N/2007010011
Name & Address of the Party : M/S DCM Shriram Ltd.
Shriram nagar Kota Rajasthan

Report No. : VEL/N/2007010011
Format No : 7.8 F-01
Party Reference No : NIL
Reporting Date : 09/07/2020
Receipt Date : 01/07/2020
Sampling Duration : 24 Hrs.
Sample Collected by : Vardan Envirolab Team
Instrument Calibration Status : Calibrated

Sample Description : Ambient Noise
Scope of Monitoring : Regulatory Requirment
Protocol Used : IS 9989: IS 9876
Instrument Used : SLM

General Information

Sampling Location	:	Near Gail Office
Instrument Code	:	VEL/SLM/03
Meteorological condition during monitoring	:	Clear Sky
Date of Monitoring	:	29/06/2020 To 30/06/2020
Time of Monitoring	:	06.00 AM to 06.00 AM
Ambient Temperature (°C)	:	Min. 27° Max. 44°
Surrounding Activity	:	Human, Vehicular Plant Act.
Parameter Required	:	As Per Work Order

S.No.	Test Parameters	Protocol	Test Result dB(A)	
			Day Time	Night Time
1	Leq	IS 9989 - 1981	56.6	51.9

Category of Zones	Leq in dB(A)	
	Day	Night
Industrial	75	70
Commercial	65	55
Residential	55	45
Silence Zone	50	40

1. Day Time is from 6.00 AM to 10.00 PM.
2: Night Time is reckoned between 10.00 PM to 6.00 AM
3. SilenceZone is defined as an area up to 100m around premises of Hospitals, Educational Institutions and Courts. Use of vehicle horn, ludspeaker and bursting of crackers is banned in these zones.

Note: Mixed categories of areas be declared as one of the four above mentioned categories by the competent Authority and the corresponding standards shall apply

End of Report

(Tested By)

VARDAN ENVIRO LAB JAIPUR

(Approved By)

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Vardan EnviroLab

Laboratory: Plot No. 24, 25, Narayan Vihar B Block, Jaipur (Raj.) 302035
Corp. Off.: Plot No. 82A, Sector- 5, IMT Manesar, Gurugram- 122051
MoEF & CC Recognised |ISO 9001 | OHSAS 45001)

Test Report

Sample Number : VEL/N/2007010012
Name & Address of the Party : M/S DCM Shriram Ltd.
Shriram nagar Kota Rajasthan

Report No. : VEL/N/2007010012
Format No : 7.8 F-01
Party Reference No : NIL
Reporting Date : 09/07/2020
Receipt Date : 01/07/2020
Sampling Duration : 24 Hrs.
Sample Collected by : Vardan Envirolab Team
Instrument Calibration Status : Calibrated

Sample Description : Ambient Noise
Scope of Monitoring : Regulatory Requirment
Protocol Used : IS 9989: IS 9876
Instrument Used : SLM

General Information

Sampling Location : Near PVC Plant
Instrument Code : VEL/SLM/04
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 29/06/2020 To 30/06/2020
Time of Monitoring : 06.00 AM to 06.00 AM
Ambient Temperature (°C) : Min. 25° Max. 43°
Surrounding Activity : Human, Vehicular Plant Act.
Parameter Required : As Per Work Order

S.No.	Test Parameters	Protocol	Test Result dB(A)	
			Day Time	Night Time
1	Leq	IS 9989 - 1981	71.6	55.5

Category of Zones	Leq in dB(A)	
	Day	Night
Industrial	75	70
Commercial	65	55
Residential	55	45
Silence Zone	50	40

1. Day Time is from 6.00 AM to 10.00 PM.
2: Night Time is reckoned between 10.00 PM to 6.00 AM
3. SilenceZone is defined as an area up to 100m around premises of Hospitals, Educational Institutions and Courts. Use of vehicle horn, ludspeaker and bursting of crackers is banned in these zones.

Note: Mixed categories of areas be declared as one of the four above mentioned categories by the competent Authority and the corresponding standards shall apply

End of Report

(Tested By)

VARDAN ENVIROLAB PVT. LTD. JAIPUR

(Approved By)

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Vardan EnviroLab

Laboratory: Plot No. 24, 25, Narayan Vihar B Block, Jaipur (Raj.) 302035
Corp. Off.: Plot No. 82A, Sector- 5, IMT Manesar, Gurugram- 122051
MoEF & CC Recognised |ISO 9001 | OHSAS 45001|

TC-6652

Test Report

Sample Number : VEL/DCM SHRIRAM/AN/01
Name & Address of the Party : M/S DCM Shriram Ltd.
Shriram nagar Kota Rajasthan

Report No. : VEL/N/2009120002/A
Format No : 7.8 F-01
Party Reference No : NIL
Reporting Date : 18/09/2020
Receipt Date : 12/09/2020
Sampling Duration : 24 Hrs.
Sample Collected by : VEL Team
Instrument Calibration Status : Calibrated

Sample Description : Ambient Noise
Scope of Monitoring : Regulatory Requirment
Protocol Used : IS 9989; IS 9876
Instrument Used : SLM

General Information

Sampling Location : Near PVC Plant
Instrument Code : VEL/SLM/06
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 08/09/2020 To 09/09/2020
Time of Monitoring : 06.00 TO 06.00 Hrs.
Ambient Temperature (°C) : Min. 25° Max 34°
Surrounding Activity : Human & Vehicular & Plant Activity
Parameter Required : As Per Work Order

S.No.	Test Parameters	Protocol	Test Result dB (A)	
			Day Time	Night Time
1	Leq	IS: 9989-1981, IS 9876: 1981	68.48	56.40

Category of Zones	Leq in dB(A)	
	Day	Night
Industrial	75	70
Commercial	65	55
Residential	55	45
Silence Zone	50	40

1. Day Time is from 6.00 AM to 10.00 PM.
2: Night Time is reckoned between 10.00 PM to 6.00 AM
3. SilenceZone is defined as an area up to 100m around premises of Hospitals, Educational Institutions and Courts. Use of vehicle horn, ludspeaker and bursting of crackers is banned in these zones.

Note: Mixed categories of areas be declared as one of the four above mentioned categories by the competent Authority and the corresponding standards shall apply

End of Report

(Checked By)

VARDAN ENVIROLAB JAIPUR Authorised Signatory

(Approved By)

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Vardan EnviroLab

Laboratory: Plot No. 24, 25, Narayan Vihar B Block, Jaipur (Raj.) 302035
Corp. Off.: Plot No. 82A, Sector- 5, IMT Manesar, Gurugram- 122051
MoEF & CC Recognised (ISO 9001 | OHSAS 45001)

TC-6652

Test Report

Sample Number : VEL/DCM SHRIRAM/AN/02
Name & Address of the Party : M/S DCM Shriram Ltd.
Shriram nagar Kota Rajasthan

Report No. : VEL/N/2009120003/A
Format No : 7.8 F-01
Party Reference No : NIL
Reporting Date : 18/09/2020
Receipt Date : 12/09/2020
Sampling Duration : 24 Hrs.
Sample Collected by : VEL Team
Instrument Calibration Status : Calibrated

Sample Description : Ambient Noise
Scope of Monitoring : Regulatory Requirment
Protocol Used : IS 9989; IS 9876
Instrument Used : SLM

General Information

Sampling Location : Near Gail Office
Instrument Code : VEL/SLM/06
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 09/09/2020 To 10/09/2020
Time of Monitoring : 06.00 TO 06.00 Hrs.
Ambient Temperature (°C) : Min. 26° Max 35°
Surrounding Activity : Human & Vehicular & Plant Activity
Parameter Required : As Per Work Order

S.No.	Test Parameters	Protocol	Test Result dB (A)	
			Day Time	Night Time
1	Leq	IS: 9989-1981, IS 9876: 1981	61.29	51.71

Category of Zones	Leq in dB(A)	
	Day	Night
Industrial	75	70
Commercial	65	55
Residential	55	45
Silence Zone	50	40

1. Day Time is from 6.00 AM to 10.00 PM.
2: Night Time is reckoned between 10.00 PM to 6.00 AM
3. SilenceZone is defined as an area up to 100m around premises of Hospitals, Educational Institutions and Courts. Use of vehicle horn, loudspeaker and bursting of crackers is banned in these zones.

Note: Mixed categories of areas be declared as one of the four above mentioned categories by the competent Authority and the corresponding standards shall apply

End of Report

(Checked By)

(Approved By)

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Vardan EnviroLab

Laboratory: Plot No. 24, 25, Narayan Vihar B Block, Jaipur (Raj.) 302035
Corp. Off.: Plot No. 82A, Sector- 5, IMT Manesar, Gurugram- 122051
MoEF & CC Recognised |ISO 9001 | OHSAS 45001|

TC-6652

Test Report

Sample Number : VEL/DCM SHRIRAM/AN/03
Name & Address of the Party : M/S DCM Shriram Ltd.
Shriram nagar Kota Rajasthan

Report No. : VEL/N/2009120004/A
Format No : 7.8 F-01
Party Reference No : NIL
Reporting Date : 18/09/2020
Receipt Date : 12/09/2020
Sampling Duration : 24 Hrs.
Sample Collected by : VEL Team
Instrument Calibration Status : Calibrated

Sample Description : Ambient Noise
Scope of Monitoring : Regulatory Requirment
Protocol Used : IS 9989; IS 9876
Instrument Used : SLM

General Information

Sampling Location : Near Rail Side Power Plant
Instrument Code : VEL/SLM/03
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 08/09/2020 To 09/09/2020
Time of Monitoring : 06.00 TO 06.00 Hrs.
Ambient Temperature (°C) : Min. 25° Max 34°
Surrounding Activity : Human & Vehicular & Plant Activity
Parameter Required : As Per Work Order

S.No.	Test Parameters	Protocol	Test Result dB (A)	
			Day Time	Night Time
1	Leq	IS: 9989-1981, IS 9876: 1981	70.70	54.68

Category of Zones	Leq in dB(A)	
	Day	Night
Industrial	75	70
Commercial	65	55
Residential	55	45
Silence Zone	50	40

1. Day Time is from 6.00 AM to 10.00 PM.
2: Night Time is reckoned between 10.00 PM to 6.00 AM
3. SilenceZone is defined as an area up to 100m around premises of Hospitals, Educational Institutions and Courts. Use of vehicle horn, ludspeaker and bursting of crackers is banned in these zones.

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(Checked By)

VARDAN ENVIROLAB Authorised Signatory

(Approved By)

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Corp. Off.: Plot No. 82A, Sector- 5, IMT Manesar, Gurugram- 122051
MoEF & CC Recognised |ISO 9001 | OHSAS 45001)

TC-6652

Test Report

Sample Number : VEL/DCM SHRIRAM/AN/04
Name & Address of the Party : M/S DCM Shriram Ltd.
Shriram nagar Kota Rajasthan

Report No. : VEL/N/2009120005/A
Format No : 7.8 F-01
Party Reference No : NIL
Reporting Date : 18/09/2020
Receipt Date : 12/09/2020
Sampling Duration : 24 Hrs.
Sample Collected by : VEL Team
Instrument Calibration Status : Calibrated

Sample Description : Ambient Noise
Scope of Monitoring : Regulatory Requirment
Protocol Used : IS 9989; IS 9876
Instrument Used : SLM

General Information

Sampling Location : Near Material Gate
Instrument Code : VEL/SLM/01
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 08/09/2020 To 09/09/2020
Time of Monitoring : 06.00 TO 06.00 Hrs.
Ambient Temperature (°C) : Min. 25° Max 34°
Surrounding Activity : Human & Vehicular & Plant Activity
Parameter Required : As Per Work Order

S.No.	Test Parameters	Protocol	Test Result dB (A)	
			Day Time	Night Time
1	Leq	IS: 9989-1981, IS 9876: 1981	70.08	56.30

Category of Zones	Leq in dB(A)	
	Day	Night
Industrial	75	70
Commercial	65	55
Residential	55	45
Silence Zone	50	40

1. Day Time is from 6.00 AM to 10.00 PM.
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End of Report

(Checked By)

VARDAN ENVIROLAB JAIPUR Authorised Signatory

(Approved By)

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Monthy Summary-Online Effluent Monitoring

Site : DCM Shriram Ltd. : Kota

Period : 01.04.2020 : 00:00 hrs to 30.09.2020 : 23:45 hrs

Time	ETP_1_Outlet-pH	ETP_1_Outlet-TSS	ETP_1_Outlet-NH4N	ETP_1_Outlet-Water_Temperature	ETP_1_Outlet-Flow
April-20	7.52	14.53	6.22	31.04	119.28
May-20	7.29	38.32	22.36	31.45	155.8
June-20	7.23	24.2	20.41	33.85	170.31
July-20	7.29	31.45	34.07	32.03	175.31
August-20	7.57	9.24	4.6	30.44	147.75
September-20	7.56	3.87	1.93	32.15	160.95

OFFICE OF THE PRINCIPAL CHIEF CONSERVATOR OF FORESTS & CHIEF WILDLIFE WARDEN RAJASTHAN, JAIPUR

No: F ( )WLC/CWLW/2019 /8567 Dated: 03/12/2020

To,

DCM SHRIRAM LTD,
Shriram Nager Kota,
Pin:-324004, Rajasthan.

Subject: Final sanction for proposal no. FP/RJ/IND/1782/2017 for All units of DCM Shriram, Kota Complex at Shriram Nagar Industrial Area, Kota, Rajasthan.

Ref: Minutes of 53th meeting of SC-NBWL held on 25-02-2019 issued vide letter F.No. 6-30/2019 WL dated: 25-03-2019 and 59th meeting on 05-10-2020 issued vide letter F.No. 6-101/2020 WL dated: 19-10-2020 respectively.

Sir,

With reference to the above mentioned subject, SC-NBWL in its 53th meeting of SC-NBWL held on 25-02-2019 issued vide letter F.No. 6-30/2019 WL dated: 25-03-2019 and 59th meeting on 05-10-2020 issued vide letter F.No. 6-101/2020 WL dated: 19-10-2020 respectively for All units of DCM Shriram, Kota Complex at Shriram Nagar Industrial Area, Kota, Rajasthan.

In pursuance of the same, Chief Wildlife Warden, granted in-principle approval for the project vide letter no. 7133 dated: 13-08-2019 subject to compliance of conditions and mitigative measures imposed by State Board of Wildlife, National Tiger Conservation Authority and SC-NBWL.

In compliance of the conditions mentioned in the in-principle approval, user agency has deposited 2% of the project cost i.e. an amount of Rs 4.023 Cr. (Rs 3.70 Cr. + 32.30 lacs) in RPACS account along with undertaking for compliance of the remaining conditions, which have been certified by Deputy Conservator of Forests (Wildlife) MNP Kota vide his letter no. 9290 dated 04-11-2020. The same has been forwarded by Chief Conservator of Forests (Wildlife), MHTR &FD Kota vide his letter no. 3084 dated 10.11.2020.

The Chief Wildlife Warden, Rajasthan, hereby accords final sanction under Section 29 of the Wildlife Protection Act, 1972, subject to compliance of:-

1. All conditions as listed in the in-principle approval letter no. 7133 dated 13.08.2019, and other directions issued from time to time;
2. Submission of satisfactory annual compliance report;
3. Documents providing final project cost by User Agency;
4. In case of cost overrun, the balance amount of 2% of project cost may be deposited by User Agency in RPACS account;

In case, it is found that any of the conditions imposed by the various agencies as part of wildlife clearance have not been complied with, this permission shall be liable to be cancelled.

The issue of this sanction does not bar any proceedings against the User Agency under any other relevant Act, rules, guidelines, court judgments etc. for any other issues.

(Arijit Banerjee)
Chief Wildlife Warden, Rajasthan, Jaipur

No: F ( )WLC/CWLW/2019 Dated:

Copy forwarded to the following for necessary monitoring and compliance:

1. Additional Director General of Forests (Wildlife),MOEF&CC, New Delhi
2. Secretary, Department of Mines, Jaipur
3. Chairman, RSPCB, Jaipur
4. Secretary, Department of Forests, Jaipur
5. Secretary, Environment department, Jaipur
6. Dr. Pasupala Ravi, Scientist C, Ministry of Environment, Forest and Climate Change (Wildlife Division), Government of India
7. Chief Conservator of Forests (Wildlife), MHTR & FD Kota for information and ensuring compliance of the conditions as per the undertaking given by the User Agency.
8. Deputy Conservator of Forests (WL), MNP Kota.

(Arijit Banerjee)
Chief Wildlife Warden, Rajasthan, Jaipur