



Head Office (MUID)
Rajasthan State Pollution Control Board
4, Institutional Area, Jhalana Doongari, Jaipur-302 004
Phone: 0141-5159600,5159695 Fax: 0141-5159697



Registered

File No : F(MUID)/Rajsamand(Rajsamand)/2(1)/2013-2014/4732-4734

Order No : 2021-2022/MUID/8771

Date: 15/12/2021

Unit Id : 20261

M/s J.K.Tyre & Industries Ltd.

JK Tyre Plant, Jayaygram, Kankroli. ,

District:Rajsamand

Sub: Consent to Operate under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21(4) of Air (Prevention & Control of Pollution) Act, 1981.

Ref: Your application for Consent to Operate dated 25/02/2021 and subsequent correspondence.

Sir,

Consent to Operate under the provisions of section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 (hereinafter to be referred as the Water Act) and under section 21 of the Air (Prevention & Control of Pollution) Act, 1981, (hereinafter to be referred as the Air Act) as amended to date and rules & the orders issued thereunder **is hereby granted** for your **Tyre plant** situated at **Tehsil:Rajsamand District:Rajsamand** , Rajasthan, subject to the following conditions:-

- 1 That this Consent to Operate is valid for a period from **25/02/2021 to 31/01/2026** .
- 2 That this Consent is granted for manufacturing / producing following products / by products or carrying out the following activities or operation/processes or providing following services with capacities given below.

Particular	Type	Quantity with Unit
Tyre & Tyre component (Tread)	Product	257.00 MT PER DAY

- 3 That this consent to operate is for existing plant, process & capacity and separate consent to establish/operate is required to be taken for any addition / modification / alteration in process or change in capacity or change in fuel.
- 4 That the quantity of effluent generation along with mode of disposal for the treated effluent shall be as under:





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Type of effluent	Max. effluent generation (KLD)	Recycled Qty of Effluent (KLD)	Disposed Qty of effluent (KLD)and mode of disposal
Domestic Sewage	246.000	NIL	246.000 Recycled in the process, Plantation or other uses within premises
Trade Effluent	57.000	57.000	NIL

5 That the sources of air emissions along with pollution control measures and the emission standards for the prescribed parameters shall be as under:

Sources of Air Emissions	Pollution Control Measures	Prescribed	
		Parameter	Standard
One Coal Fired Boiler(14TPH)	ADEQUATE STACK HEIGHT , ESP , Multi Cyclone	Particulate Matter	600 mg/Nm3
One Coal Fired Boiler(30TPH)	ADEQUATE STACK HEIGHT , ESP , Multi Cyclone	Particulate Matter	150 mg/Nm3

Three D.G. Sets(4MW EACH)	ACOUSTIC ENCLOSURE , ADEQUATE STACK HEIGHT	NOx (as NO2) (at 15% O2) day basis in ppmv	710 mg/Nm3
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		NMHC (as C) (at 15% O2) PM (at 15% O2) CO (at 15% O2)	100 mg/Nm3 75 mg/Nm3 150 mg/Nm3
Two Coal Fired Boilers(11TPH EACH)	ADEQUATE STACK HEIGHT , ESP , Multi Cyclone	Particulate Matter	600 mg/Nm3
Two D.G. Sets(1170KVA EACH)	ACOUSTIC ENCLOSURE , ADEQUATE STACK HEIGHT	NOx (as NO2) (at 15% O2) day basis in ppmv NMHC (as C) (at 15% O2) PM (at 15% O2) CO (at 15% O2)	710 mg/Nm3 100 mg/Nm3 75 mg/Nm3 150 mg/Nm3

- 6 That the **Tyre plant** will comply with the standards as prescribed vide MOEF notification No. GSR 826(E) dated 16th November, 2009 with respect to National Ambient Air Quality Standards.
- 7 That the trade effluent shall be treated before disposal so as to conform to the standards prescribed under the Environment (Protection) Act-1986 for disposal **Into Inland Surface Water** . The main parameters for regular monitoring shall be as under





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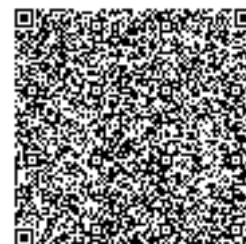
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Parameters	Standards
Total Suspended Solids	Not to exceed 100 mg/l
pH Value	Between 5.5 to 9.0
Oil and Grease	Not to exceed 10 mg/l
Biochemical Oxygen Demand (3 days at 27°C)	Not to exceed 30 mg/l
Chemical Oxygen Demand	Not to exceed 250 mg/l

- 8 That the industry shall obtain all necessary permission from competent Authority and District Administration Rajsamand for operation of the plant.
- 9 That the industry shall comply with the standards as prescribed vide MOEF notification no. GSR 826(E) dated 16th November, 2009 with respect to National Ambient Air Quality.
- 10 That the industry shall operate and maintained STP of 300.00 KLD to treat the domestic waste water generated from colony and plant utilities to achieve the standards prescribed under EP Act 1986.
- 11 That the industry shall operate and maintained R.O of 60.00 KLD & MVR unit of 24.00 KLD to treat the trade effluent generated from process & utilities and treated water shall recycle in process and maintained zero discharge.
- 12 That the industry shall ensure compliance of ambient air quality standard in respect of noise as prescribed under Environment (Protection) Act & Rules made therein.
- 13 That the unit shall install acoustic enclosure and adequate stack height as per rule with five D.G.Sets of 2 x 1170 KVA, 3 x 4.00MW.
- 14 That the unit shall install adequate PCMs and stack height with four coal fired Boilers of 1 x 30TPH, 1 x 14 TPH and 2 x 11TPH respectively.
- 15 That the industry shall provide proper cover system for raw materials and fuels used to avoid air pollution in and around the area.
- 16 That the industry shall provide proper cover system and water spraying arrangements with coal crushing system to avoid air pollution in and around the area.
- 17 That effective control measures shall be provided to control fugitive emissions during handling of raw materials & fuels, processing, transportation, packing etc.
- 18 That the industry shall comply with provision of Hazardous and Other Waste (Management and Transboundary Movement) Rules, 2016.





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- 19 That the industry shall disposed off the hazardous waste in scientific and safe manner in accordance with Hazardous and Other Waste (Management and Transboundary Movement) Rules, 2016.
- 20 That if the project cost exceeds Rs. 374.63 Lacs, the unit shall take/obtain modification in consent to operate after paying fee as applicable.
- 21 That this consent to operate is valid for production of Tyre &Tyre component (Tread) - 257 MT/Day only. For any change in quantity and number of products & by-products, the industry has to seek fresh consent to establish.
- 22 That the water flow meters shall be provided at all suitable points to measure quantity of daily water consumption, trade effluent and domestic waste water generation. Daily record of the same shall be maintained and to be submitted to the Board.
- 23 That the entire treated trade effluent and sewage shall be utilized within premises for reuse in process/horticulture/plantation etc and other gainful purposes and zero discharge status shall be maintained inside as well as outside the premises.
- 24 That the unit shall ensure proper recycling and reuse of trade effluent and domestic waste water after adequate treatment.
- 25 That the industry shall install adequately designed rain water harvesting structure for prevention and recharge of ground water in and around the area.
- 26 That water consumption at the industry shall not exceed 343.00 KLD without prior permission from the Board and CGWA /other Authority. The water requirement shall meet out through Lake Rajsamand & legal sources.
- 27 That neither any ground water will be abstracted nor shall any ground water abstraction structure be constructed without obtaining prior permission from the Central Ground Water Authority (CGWA).
- 28 That the R.O reject shall be treated through MVR unit of capacity- 24 KLD. The condensate of the MVR unit shall be reused in process and the sludge shall be disposed off through authorized waste disposing facility. The treated effluent shall not be used for plantation/horticulture in any case.
- 29 That the reject of MVR unit shall be treated and disposed off through ATFD unit.
- 30 That a log book for operation of STP, R.O plant, MVR unit shall be maintained and record of daily running hours shall be maintained.
- 31 That the industry shall install separate energy meter with STP, R.O, MVR unit to ensure its smooth operation and daily record of the energy consumption (Units) shall be maintained in separate log-book.
- 32 That the power supply of the production shall be so interlocked with the Air & Water pollution control equipment's, that in case of non functioning of the pollution control equipment the production process stops automatically.





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- 33 That the industry shall install and maintain adequate infrastructure facilities for stack monitoring to know the concentration of pollutant emitted in the atmosphere with five D.G.Sets of 2 x 1170 KVA, 3 x 4.00 MW and four coal fired Boilers of 1 x 30 TPH, 1 x 14 TPH and 2 x 11 TPH .
- 34 That the industry shall carryout stack emissions monitoring & ambient air quality monitoring from the Board on payment basis within six month to confirm the compliance of the emission standards and submit to the State Board.
- 35 That this consent to operate shall be subject to compliance of any direction or order passed by Court of Law in the matter.
- 36 That the industry shall submit yearly Environmental Audit Statement on or before September of every year.
- 37 That the unit shall not allow making any obstacles to any natural water flow i.e. natural nallah/stream carrying rain water to any water body.
- 38 That the industry shall not use pet coke/furnace oil in any process/service/utility in compliance to the order dated 17/11/2017 of Hon'ble Supreme Court, wherein ban has been imposed on the use of pet coke and furnace oil in the State of Rajasthan.
- 39 That the industry shall obtain Environmental Clearance from competent authority under EIA Notification dated 14.9.2006 for any such activity which attracts Environmental Clearance under EIA Notification dated 14.9.2006.
- 40 That the industry shall maintain plantation at least in the 33% of total area, using concept of the social forestry and development of green belt outside the project premises in adjacent areas wherever adequate land is not available within the industrial premises.
- 41 That the industry shall provide the Oil & Grease trap in good condition, so that oil grease coming with waste water from activities etc in the unit will retained in the trap.
- 42 That, not withstanding anything provided hereinabove, the State Board shall have power and reserves its right, as contained **under section 27(2) of the Water Act and under section 21(6) of the Air Act** to review anyone or all the conditions imposed here in above and to make such variation as it deemed fit for the purpose of **Air Act & Water Act**.
- 43 That the grant of this **Consent to Operate** 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.





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- 44 That the grant of this **Consent to Operate** shall not, in any way, adversely affect or jeopardize the legal proceeding, if any, instituted in the past or that could be instituted against you by the State Board for violation of the provisions of the Act or the Rules made thereunder.
- 45 That the Project Proponent shall comply with provisions of the E-waste (Management) Rules, 2016 and ensure that e-waste generated by them is channelized through collection centre or dealer of authorized producer or dismantler or recycler or through designated take back service provider of the producer to authorized dismantler or recycler.
- 46 That the Project Proponent shall maintain record of e-waste generated by them in Form-2 and make such records available for scrutiny by the board.
- 47 That the Project Proponent shall file annual returns in Form-3, to the Board on or before the 30th day of June following the financial year to which that return relates
- 48 That the transportation of e-waste shall be carried out as per the manifest system whereby the transporter shall be required to carry a document (three copies) prepared by the sender, giving the details as per Form-6.
- 49 That the Project Proponent shall comply with provisions of the Batteries (Management and Handling) Rules, 2001 (as amended) and submit half yearly returns (as bulk consumer, importer, auctioneer, recycler as the case may be) to the State Board as provided under Rule 10 (2) (ii) of the Battery (Management and Handling) Rules, 2001 (as amended). In Case the Project Proponent is not a bulk consumer even then the used batteries shall be returned to the authorized dealers or recyclers only.
- 50 That the record of batteries purchased and sold/ returned to registered dealers and/ or authorized recyclers shall be maintained and made available to the officers of the Board during inspections.

This **Consent to Operate** shall also be subject, besides the aforesaid specific conditions, to the general conditions given in the enclosed Annexure. The project proponent will comply with the provisions of the **Water Act and Air Act** and to such other conditions as may, from time to time , be specified, by the State Board under the provisions of the aforesaid Act(s). Please note that, non compliance of any of the above stated conditions would tantamount to revocation of **Consent to Operate** and project proponent / occupier shall be liable for legal action under the relevant provisions of the said Act(s).





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This bears the approval of the competent authority.

Yours Sincerely

Group Incharge[MUID]

(A): Copy To:-

- 1 Regional Officer, Regional Office, Rajasthan State Pollution Control Board, Rajsamand to ensure compliance of the Consent to Operate conditions.
- 2 Master File.

Group Incharge[MUID]

