BIHAR STATE POLLUTION CONTROL BOARD

Parivesh Bhawan, Patliputra Industrial Area, Patna-800 010

EPABX: 0612-2261250/2262265, Fax: 0612-2261050; E-mail: msbspcb-bih@gov.in, Website: http://bspcb.bihar.gov.in

FORM 2

[See rule 6(2)]

FORM FOR GRANT OR RENEWAL OF AUTHORISATION BY STATE POLLUTION CONTROL BOARD TO THE OCCUPIERS, RECYCLERS, REPROCESSORS, REUSERS, USER AND OPERATORS OF DISPOSAL FACILITIES.

- 1. Number of authorization and date of issue: HW/B-/04/ Patna, dated- 03.04. 2024
- 2. Reference of application (No. and date) : 8714183, dated- 18.01.2024
- 3. M/s Rail Wheel Plant Bela, is hereby granted an authorization based on the enclosed signed inspection report for generation, collection, reception, storage, transport, reuse, recycling, recovery, pre-processing, co-processing, utilization, offering for sale, transfer, treatment, disposal or any other use of hazardous or other wastes or both on the premises situated at Vill-Bela, P.O-Arvind Nagar, Block-Dariyapur, Dist.-Saran (Chhapra) Pin-841221 (Bihar).

Details of Authorization

SI. No.	Category of Hazardous Waste as per the Schedules I, II and III of these rules	Authorized mode of disposal or recycling or utilization or co processing, etc.	Quantity (Ton/Annum)
1.	Used or spent oil (HW cat. no. 5.1) as per Schedule-I.	Generation, collection, storage, transportation and offering for sale of used or spent oil (HW cat. no. 5.1) for the purpose of its recycling to the authorized recycler.	The state of the s
2.	Oil soaked cotton/ waste residue containing oil (HW cat. no. 5.2) as per Schedule-I.	Oil soaked cotton [HW cat. no. 5.2 (Oil soaked cotton/waste residue containing oil)] under cover shed for disposal through co-processing in cement industry or authorized TSDF incineration.	Oil soaked cotton/ waste residue containing oil: 04 TPA.
3.	Discarded asbestos gasket (HW cat. no.15.2) as per Schedule-I.	Asbestos gaskets [HW cat. no. 15.2 (discarded asbestos)] under cover shed for disposal through authorized TSDF (Secured Landfill/Landfill After Treatment, depending upon it's characteristics).	Discarded asbestos gasket: 08 TPA.

- 1) The authorization shall be valid for a period of five years i.e. (05.03.2024 to 04.03.2029).
- 2) The authorization is subject to the following general and specific conditions (Please specify any conditions that need to be imposed over and above general conditions, if any):

A. General conditions of authorization:

- 1. The authorized person shall comply with the provisions of the Environment (Protection) Act, 1986, and the rules made there under.
- 2. The authorization or its renewal shall be produced for inspection at the request of an officer authorized by the State Pollution Control Board.
- 3. The person authorized shall not rent, lend, sell, transfer or otherwise transport the hazardous and other wastes except what is permitted through this authorization.
- 4. Any unauthorized change in personnel, equipment or working conditions as mentioned in the application by the person authorized shall constitute a breach of his authorization.
- 5. The person authorized shall implement Emergency Response Procedure (ERP) for which this authorization is being granted considering all site specific possible scenarios such as spillages, leakages, fire etc. and their possible impacts and also carry out mock drill in this regard at regular interval of time;

- 6. The person authorized shall comply with the provisions outlined in the Central Pollution Control Board guidelines on "Implementing Liabilities for Environmental Damages due to Handling and Disposal of Hazardous Waste and Penalty".
- 7. It is the duty of the authorized person to take prior permission of the State Pollution Control Board to close down the facility.
- 8. The imported hazardous and other wastes shall be fully insured for transit as well as for any accidental occurrence and its clean-up operation.
- 9. The record of consumption and fate of the imported hazardous and other wastes shall be maintained.
- 10. The hazardous and other waste which gets generated during recycling or reuse or recovery or pre-processing or utilization of imported hazardous or other wastes shall be treated and disposed of as per specific conditions of authorization.
- 11. The importer or exporter shall bear the cost of import or export and mitigation of damages if any.
- 12. An application for the renewal of an authorization shall be made as laid down under these Rules.
- 13. Any other conditions for compliance as per the Guidelines issued by the Ministry of Environment, Forest and Climate Change or Central Pollution Control Board from time to time.
- 14. Annual return shall be filed by June 30th for the period ensuring 31st March of the year.

B. Specific conditions:

- a) The unit shall display details of hazardous waste at the main gate on board of 6'x 4' size.
- b) The unit shall maintain a record of hazardous and other wastes handled in Form-3 and shall submit annual return in Form-4 to this Board on or before 30th June of every year.
- c) The unit shall not store the hazardous waste in the premises for a period of more than 90 days provided the board has extended the said period.
- d) The unit shall store its hazardous waste used or spent oil (HW cat. no. 5.1, listed in Schedule-I) for the temporary period in MS drums under pucca covered shed for the purpose of its sale to the authorized recycler.
- e) The oil soaked cotton [HW cat. no. 5.2 (oil soaked cotton/ waste residue containing oil)] under cover shed for disposal through co-processing in cement industry or authorized TSDF incineration.
- f) The asbestos gaskets [HW cat. no. 15.2 (discarded asbestos)] under cover shed for disposal through authorized TSDF (Secured Landfill/Landfill After Treatment, depending upon it's characteristics).
- g) The unit shall ensure that no damage is caused to environment during collection, storage & transportation of its HW.
- h) The unit shall ensure that HW are packaged in a suitable manner for safe handling, storage, transport and labelled as per Form-8 of the rule.
- i) The unit shall provide relevant information regarding hazardous nature of waste and measures to be taken in case of an emergency in Form-9 to the transporter.
- j) The unit shall maintain the manifest system (movement document) for the movement of HW within the country in Form-10 of the rule.
- k) In case of transportation of hazardous waste for recycling or utilization including co-processing, the unit (sender) shall intimate the State Board of the destination & transit State Board in compliance with rule-18(4&5) in addition with this Board.
- The unit shall sale the hazardous and other wastes to the authorized recycler/actual user after making the entry into their passbook.
- m) The unit shall made an application for renewal of authorization three months before the expiry of such authorization.

S. Date: 2024.04.02 Chandrasekar 15:28:38 +05'30'

(S. Chandrasekar)
Member Secretary,
Bihar State Pollution Control Board.
Signature of the Issuing Authority
Designation and Seal"

Copy to:-

1. The Regional Officer, Muzaffarpur, Bihar State Pollution Control Board, Muzaffarpur for information and necessary action.

Place: Patna

Date:02.04.2024



BIHAR STATE POLLUTION CONTROL BOARD Industrial Estate, Bela, Muzaffarpur-842005

FIELD INSPECTION REPORT WITH REGARD TO GENERATION AND MANAGEMENT OF HAZARDOUS & OTHER WASTES UNDER THE HAZARDOUS & OTHER WASTES (MANAGEMENT & TRANS-BOUNDARY MOVEMENT) RULES, 2016

SI. No.	Particulars		Status/details					
1.	Name & Address of	Name: M/S Rail wheel Plant Bela,						
	Industry/ Facility	Location: Bela, Chhapra						
		Postal Address:	Vill-Bela P.O-Arvind Nagar, Dariyapur Block, Dist-Saran (Chhapra) Bihar-841221					
		E-mail	shekharerkumar@gmail.com					
		Telephone No.	9771452190, (Sri Chandra Shekhar Kumar)					
		Fax No.	06158-272110					
		Website:	https://rwp.indianrailways.gov.in					
		Year of commissioning	2012					
		Longitude and Latitude	25.801882 85.040229					
2.	Category of Industry/Facility	L/M/S	Large					
		R/O/G	Orange (Based on paining activity)					
		Waste generator	Yes					
		Recycler/ Pre-processor / Co-processor/ User of HW & OW	NA (Not Applicable)					
		Waste Collector	NA					
		Trader	NA					
		TSDF	NA					
3.	Date of Inspection	DD MM YYYY	28.02.2024					
4.	Representative of	Name	Sri Chandra Shekhar Kumar					
	the Industry	Designation	J.E Mechanical/Safety					
. 1	/Facility present during inspection	Contact No.	9771452190					
5.	Name and	Name	S.S. Prasad and Ashok Kumar					
	Designation of the Officials visiting the Unit	Designation *	Scientist and ASO, Muzaffarpur					
6.	Operational status of the Industry /Facility	Operational/ Non-operational	Operational					



SI. No.	Particulars	Status/details							
7.	Product(s) & Production Capacity (In	Sr. No.	Proc	duct	MT/day or Month or Annum	Operational status			
	Capacity (In MTD/KLD or MTM/ KLM or MTA/ KLA)	1. Rail		Vheel	300 Wheels per day	Presently, unit is producing approx, 100 wheels per day			
		3.							
8.	Status of consent under the Water		of issue Ref.no1550		, 03.03.2020	Remarks (if any)			
	Act, 1974	Validity		03.08.2019 to 02.08.2024		Five year			
9.	Status of consent	Date o	of issue	Ref.no1549	, 03.03.2020	Remarks (if any)			
	under the Air Act, 1981 Manufacturing	Validit	ty	03.08.2019 to	0 02.08.2024	Five year			
	Process Flow Diagram indicating raw materials and sources of hazardous waste generation along with mass balance).	5.2 (O genera	[HW cat. No. 15.2 (discarded asbestos)] approx. 8 TPA and oil soaked cotton 5.2 (Oil soaked cotton/waste residue containing oil)] approx. 4 TPA. The afrequency of plant on full capacity. Presently, unit open installed capacity. Used oil used for mechanical lubrication in chains.						
11	with mass balance).	2							
11.	with mass balance). Status of	T.G. 371.472	of issue	Ref. No B	2,3,3,2,2				
11.	with mass balance).	Date o	79 - 3 70 112	Ref. No B Date – 17.0	2,3,3,2,2				
11.	with mass balance). Status of Authorization	T.G. 371.472	79 - 3 70 112	Date – 17.0 W as per the I & III of the	2,3,3,2,2	r co- (Ton/Annum)			
11.	with mass balance). Status of Authorization under the Hazardous Waste(Manageme	Validit	Category of H' Schedules I, II HW & OW Rul Used oil (HW as per the S	Date – 17.0 W as per the I & III of the es, 2016 cat. No. 5.1) schedules I	7.2019 Authorized mode of disposite recycling or utilization of the control of t	r co- (Ton/Annum) OW			
11.	with mass balance). Status of Authorization under the Hazardous Waste(Manageme nt, Handling & Trans-boundary	Validit SI. No.	Category of H Schedules I, II HW & OW Rul Used oil (HW	Date – 17.0 W as per the I & III of the es, 2016 cat. No. 5.1) schedules I estos gasket I = 5.1) as per	7.2019 Authorized mode of disposing or utilization of processing etc. of the HW &	r co- (Ton/Annum) OW er 20 KLA			
11.	with mass balance). Status of Authorization under the Hazardous Waste(Manageme nt, Handling & Trans-boundary Movement) Rules, 2008/Hazardous & Other Wastes (Management & Trans-boundary	SI. No.	Category of H' Schedules I, II HW & OW Rul Used oil (HW as per the S Discarded asb (HW cat. No.	Date – 17.0 W as per the I & III of the es, 2016 cat. No. 5.1) schedules I estos gasket I = 5.1) as per	7.2019 Authorized mode of dispose recycling or utilization of processing etc. of the HW & Sale to authorized recycles.	r co- (Ton/Annum) OW er 20 KLA			
111.	with mass balance). Status of Authorization under the Hazardous Waste (Manageme nt, Handling & Trans-boundary Movement) Rules, 2008/Hazardous & Other Wastes (Management & Trans-boundary Movement) Rules, 2008/Hazardous & Cher Wastes (Management & Chanagement & Chanage	Validit SI. No. 1. 2. 3. 4.	Category of H' Schedules I, II HW & OW Rul Used oil (HW as per the S Discarded asb (HW cat. No.	Date – 17.0 W as per the I & III of the es, 2016 cat. No. 5.1) schedules I estos gasket I = 5.1) as per	7.2019 Authorized mode of dispose recycling or utilization of processing etc. of the HW & Sale to authorized recycles.	r co- (Ton/Annum) OW er 20 KLA			
11.	with mass balance). Status of Authorization under the Hazardous Waste(Manageme nt, Handling & Trans-boundary Movement) Rules, 2008/Hazardous & Other Wastes (Management & Trans-boundary Movement) Rules, 2016 and details of	SI. No. 1. 2. 3. 4. 5.	Category of H' Schedules I, II HW & OW Rul Used oil (HW as per the S Discarded asb (HW cat. No.	Date – 17.0 W as per the I & III of the es, 2016 cat. No. 5.1) schedules I estos gasket I = 5.1) as per	7.2019 Authorized mode of dispose recycling or utilization of processing etc. of the HW & Sale to authorized recycles.	r co- (Ton/Annum) OW er 20 KLA			
11.	with mass balance). Status of Authorization under the Hazardous Waste (Manageme nt, Handling & Trans-boundary Movement) Rules, 2008/Hazardous & Other Wastes (Management & Trans-boundary Movement) Rules, 2016 and details of Hazardous Waste	SI. No. 1. 2. 3. 4. 5. 6.	Category of H' Schedules I, II HW & OW Rul Used oil (HW as per the S Discarded asb (HW cat. No.	Date – 17.0 W as per the I & III of the es, 2016 cat. No. 5.1) schedules I estos gasket I = 5.1) as per	7.2019 Authorized mode of dispose recycling or utilization of processing etc. of the HW & Sale to authorized recycles.	r co- (Ton/Annum) OW er 20 KLA			
11.	with mass balance). Status of Authorization under the Hazardous Waste (Manageme nt, Handling & Trans-boundary Movement) Rules, 2008/Hazardous & Other Wastes (Management & Trans-boundary Movement) Rules, 2016 and details of Hazardous Waste (HW) authorized	SI. No. 1. 2. 3. 4. 5. 6. 7.	Category of H' Schedules I, II HW & OW Rul Used oil (HW as per the S Discarded asb (HW cat. No.	Date – 17.0 W as per the I & III of the es, 2016 cat. No. 5.1) schedules I estos gasket I = 5.1) as per	7.2019 Authorized mode of dispose recycling or utilization of processing etc. of the HW & Sale to authorized recycles.	r co- (Ton/Annum) OW er 20 KLA			
111.	with mass balance). Status of Authorization under the Hazardous Waste(Manageme nt, Handling & Trans-boundary Movement) Rules, 2008/Hazardous & Other Wastes (Management & Trans-boundary Movement) Rules, 2016 and details of Hazardous Waste (HW) authorized (please also attach	SI. No. 1. 2. 3. 4. 5. 6. 7. 8.	Category of H' Schedules I, II HW & OW Rul Used oil (HW as per the S Discarded asb (HW cat. No.	Date – 17.0 W as per the I & III of the es, 2016 cat. No. 5.1) schedules I estos gasket I = 5.1) as per	7.2019 Authorized mode of dispose recycling or utilization of processing etc. of the HW & Sale to authorized recycles.	r co- (Ton/Annum) OW er 20 KLA			
11.	with mass balance). Status of Authorization under the Hazardous Waste(Manageme nt, Handling & Trans-boundary Movement) Rules, 2008/Hazardous & Other Wastes (Management & Trans-boundary Movement) Rules, 2016 and details of Hazardous Waste (HW) authorized (please also attach copy of	SI. No. 1. 2. 3. 4. 5. 6. 7. 8. 9.	Category of H' Schedules I, II HW & OW Rul Used oil (HW as per the S Discarded asb (HW cat. No.	Date – 17.0 W as per the I & III of the es, 2016 cat. No. 5.1) schedules I estos gasket I = 5.1) as per	7.2019 Authorized mode of dispose recycling or utilization of processing etc. of the HW & Sale to authorized recycles.	r co- (Ton/Annum) OW er 20 KLA			
11.	with mass balance). Status of Authorization under the Hazardous Waste(Manageme nt, Handling & Trans-boundary Movement) Rules, 2008/Hazardous & Other Wastes (Management & Trans-boundary Movement) Rules, 2016 and details of Hazardous Waste (HW) authorized (please also attach	SI. No. 1. 2. 3. 4. 5. 6. 7. 8.	Category of H' Schedules I, II HW & OW Rul Used oil (HW as per the S Discarded asb (HW cat. No.	Date – 17.0 W as per the I & III of the es, 2016 cat. No. 5.1) schedules I estos gasket I = 5.1) as per	7.2019 Authorized mode of dispose recycling or utilization of processing etc. of the HW & Sale to authorized recycles.	r co- (Ton/Annum) OW er 20 KLA			

SI. No.	Particulars		Status/details							
12.	Status of HW & other wastes	Table-1								
	generation & their respective quantity verified/ observed during inspection as per the Schedule I,II & III.	A					В			
		HW	Name & Category of HW	ry of	Quantity of HW generation (MTD/ KLD/ MTA/KLA) as per observatio n	Quantity of HW generation (MTD/ KLD/ MTA/KLA) per tone of the consented product	Quantity of input HW in case of Recycling/Utilizati on/pre-processing /co-processing etc (MTD/ KLD/ MTA/KLA).	Quantity of product produced case of Recycling/Utilization/ pre-processing/co- processing etc. (MTD/ KLD/ MTA/KLA)		
		(1)	(2)		(3)	(4)	(5)	(6)		
		As per Schedule I	Used (HW o	oil cat.	19.7 KLA (16.745 TPA)	0.0022 per unit of wheel produced	NA NA	NA NA		
			Discarded asbestos gasket (HW cat. No. 15.2) Oil soaked cotton/ waste residue containing oil (HW cat. No. 5.2)		stos ket cat5.2) aked 4TPA on/ ste due ining HW No.	0.0004 per unit of wheel produced 0.0002 per unit of wheel produced	NA	NA		
							NA	NA		
		As per Schedule	NA	_	NA	NA	NA	NA		
		As per Schedule	NA		NA	NA	NA	NA		
.3.	Captive Recycling /Utilization/ Incineration/ Secured Landfill facility details		NO se specify details of such facilities including compliance details as per the Rul uidelines.							
4.	Details of HW storage, quantity of HW stored and period of storage	1.Storage fa details capacity:	acility and	The state of the s						

SI. No.	Particulars					Status/de	tails				
140.		2.Details of HW stored: Table-2									
		SI.). c	Name & sategory of HW (as per solumn (2) of Table 1)	Actual HW generated in tone in the previous financial year	Previous stock tone) stored storage shed the beginning previous fina year	(in in (at g of	Total Balance Quantity (in tone) (Column 9+10)	Actual q (in tone) stored of day inspection	found on the of	Latest date of transfer of HW to authorized recycler/ co-processor/ TSDF/etc.
		(7	7)	(8)	(9)	(10)		(11)	(12	!)	(13)
		1	I.	Used oil (HW cat. No. 5.1)	7 MT	Nil		7 MT	8 N	1T	No transfer
				Discarded asbestos gasket (HW cat. No. 15.2)	1 MT	Nil		0.05 MT	1.05	MT	No transfer
				Oil soaked cotton/ waste residue containing oil (HW cat. No. 5.2)	0.5 MT	0.5 MT		1 MT	1 M	1T	No transfer
15.	Categories and quantity of HW sent to authorized actual	tim	nely i	n compliand	ce with Rule 9 horized actua	eing sent to an of the HOWM I user*/comm Table of authorized	1 Rule ion T	es: No SDF, as ap	plicable,		
	user/common TSDF		Sr. No	Name address of authorized common TS Actual User*	the granted a the auti SDF/ Actual	SPCB/PCC who authorization to horized TSDF/ User* and tion no. with	auth the TSD (Spe Tran Recy Pre- proce Incin	F/Actual	User* among ilization/	of HV authori to th	of categories V for which ization granted e authorized Actual User*
			(14)	(15)		(16)	tarre	(17)			(18)
			1.	-							
			2.								
		2. C	ecov Detai	ery, pre-pro	ocessing, utilized to the author	r who procur ation includin orized actual u ual record and	g co- user a	processing and TSDF,	g. as applic	able, s	ince previou

SI. No.	Particulars	Status/details				
16.		 Please make observations on the below: Adequate packaging of HW: Used oil in MS drums under covered shed, discarded asbestos/gasket and oil soaked cotton/ waste residue containing oil in poly carry bags under cover shed. Labeling of HW containers in Form 8. Not sent so far. Compliance of Manifest system (movement document for HW & Other Waste) as per Rule 19 of the HOWM Rules, 2016). NA Transportation of HW only by authorized sender or receiver (as per rule 18(7)). NA NOC from the concerned SPCB/PCC if HW are sent for disposal to other State/UT (as per rule 18(3)). NA NOC from the concerned SPCB/PCC if HW are sent for disposal to other State/UT (as per rule 18 (3)). NA Intimation to both the SPCB/PCC before handling over the waste to the transport in case HW is sent for recycling or utilization including co-processing (as per rule 18(5)) NA Prior intimation to SPCBs/PCCs of the State/UTs of transit in case of enters State transportation (as per rule 18(5)). NA Transportation of HW and compliance with Rules under Motor Vehicle Act, 1988. NA Daily records maintenance in Form 3. No documents Timely submission of annual return in Form 4 to the SPCB/PCC. No 				
17.	Safety facilities provided at storage facility	SI. No. Safety Facility 1. Used oil in MS drums under covered shed, discarded asbestos/gasket and oil soaked cotton/ waste residue containing oil in poly carry bags under cover shed. Fire extinguishers available. PPE being used by workers.				
18.	Environmental Monitoring	Please comment on results of ground water sampling; soil sampling, stack emission monitoring conducted by SPCB/PCC or EPA notified lab in presence of SPCB/PCC official No				
19.	Details of HW contaminated sites, if any, within and outside the industry premises.	Not applicable.				
20.	Remarks	 Please write down non-compliances, significant observations and recommendations. 1. The unit produces rail wheel. There are 02 D.G. sets (2x2400 KVA) with acoustic enclosure. 2. The unit generates used oil (HW cat. no. 5.1) approx. 19700 liters (19.7 KLA: (16.745 TPA)] as spent lubricating oil from D.G. sets, transformer oil, hydraulic oil, gear oil, 				

No.	Particulars	Status/details
No.		waste lubricants light motor vehicles. In addition of the above unit generates asbestos gaskets [HW cat. no. 15.2 (discarded asbestos)] approx. 8 TPA and oil soaked cotton [HW cat. no. 5.2 (Oil soaked cotton/ waste residue containing oil)] approx. 4 TPA. The aforesaid waste generation is for operation of plant on full capacity. Presently, unit operates on 33% installed capacity. Used oil is used for mechanical lubrication in chains. 3. The unit has submitted online application for renewal authorization for the aforesaid HW along with partial documents. 4. The authorization may be granted with the following conditions:- a) The unit shall display details of hazardous waste at the main gate on board of 6'x 4' size. b) The unit shall maintain a record of hazardous waste and other waste handled in Form-3 and shall submit annual return in Form-4 to this Board on or before 30th June of every year. c) The unit shall not store the hazardous waste in the premises for a period of more than 90 days provided the board has extended the said period. d) The unit shall store its hazardous waste (Used Oil, HW cat. no. 5.1) for the temporary period in MS drums under covered shed for the purpose of its sale to the authorized recycler & asbestos gaskets [HW cat. no. 15.2 (discarded asbestos)] and oil soaked cotton [HW cat. no. 5.2 (Oil soaked cotton/ waste residue containing oil)] under cover shed for disposal through TSDF (Incineration/Secured Landfill depending upon it's characteristics). e) The unit shall ensure that HW are packaged in a suitable manner for safe handling, storage & transportation of its HW. f) The unit shall ensure that HW are packaged in a suitable manner for safe handling, storage, transport and labeled as per Form-8 of the rule. g) The unit shall provide relevant information regarding hazardous nature of waste and majors to be taken in case of an emergency in Form-9 to the transporter. h) The unit shall maintain the manifest system (movement document) for the movement of 1) HW within the country in Form-10

Ashok Kumar (ASO, Muzaffarpur)

Shiv Shambhu Prasad (Scientist, Muzaffarpur)













