

JSW Ispat Special Products Limited

(formerly known as Monnet Ispat & Energy Limited)

Village & P.O.: Naharpali, Tehsil : Kharsia, Raigarh-496 661 (Chhattisgarh)

CIN : L02710MH1990PLC363582, GST : 22AAACM0501D1ZK

Phone : +91 7762 275 502/ 03/ 04, +91 7762 251 000/ 100 Fax : +91 7762 275 505

E-mail : raigarh@aionjsw.in Website : www.aionjsw.in

JSWISPL/NP/EMD/477/2022

Date: 17/06/2022

To,

The Regional Officer,

Chhattisgarh Environment Conservation Board,

TV Tower Road, Raigarh (C.G.)

Subject: Submission of BMW annual returns (Form-IV) for the year 2021 with respect to Maina Devi Clinic of JSW Ispat Special Products Ltd.

Reference:

1. Authorization granted vide 967/HO/BMW/CECB/ATAL NAGAR, RAIPUR, Dated:22/11/2021
2. Consent to Operate granted vide letter no. 1633/R.O./T.S/C.E.C.B/2021, Raigarh, Dated 18/02/2020 and renewed thereof vide dated; 24.05.2021

Dear Sir,

This has reference to the subject we are submitting herewith the Annual return (Form-IV) under the rule 13 of Bio-Medical Waste Management Rules, 2016 for the preceding year 2021 with respect to Maina Devi Clinic of JSW Ispat Special Products Ltd. (Formerly knowns as Monnet Ispat and Energy Ltd.), Raigarh

This is for your kind information & necessary record.

Thanking you.

Yours faithfully,

For, JSW Ispat Special Products Ltd.

(Formerly known as Monnet Ispat & Energy Ltd.)

Authorized Signatory

16/06/2022

Enclosures: As above

CC: Member Secretary, CECB, Sec-19, Paryavas Bhavan, Atal Nagar, Raipur, C.G

Form – IV

(See rule 13)

ANNUAL REPORT

(January, 2021 to December, 2021)

[To be submitted to the prescribed authority on or before 30th June every year for the period from January to December of the preceding year, by the occupier of health care facility (HCF) or common bio-medical waste treatment facility (CBWTF)]

S.N.	Particulars	
1.	Particulars of the Occupier :	
	(i) Name of the authorised person (occupier or operator of facility)	: R. K. Patel (Factory Manager)
	(ii) Name of HCF or CBMWTF	: MAINA DEVI CLINIC
	(iii) Address for Correspondence :	: JSW ISPAT SPECIAL PRODUCTS LIMITED (Formerly known as Monnet Ispat & Energy Ltd.) Vill /Post – Naharpali, Tehsil-Kharsia, Dist. Raigarh (CG)-496661
	(iv) Address of Facility	: MAHENDRAPURAM COLONY JSW ISPAT SPECIAL PRODUCTS LIMITED (Formerly known as Monnet Ispat & Energy Ltd.) Vill/Post – Naharpali, Tehsil-Kharsia, Dist. Raigarh (CG)-496661
	(v) Tel. No, Fax. No :	: 07762-391590 , 07762-391567
	(vi) E-mail ID :	: hospital.naharpali@aionjsw.in
	(vii) URL of Website (viii) GPS coordinates of HCF or CBMWTF	: 21.992143 N 83.227238 E
	(ix) Ownership of HCF or CBMWTF	: PRIVATE
	(x) Status of Authorisation under the Bio-Medical Waste (Management and Handling) Rules	: Authorisation No -: 967/HO/BMW/CECB/ATAL NAGAR, RAIPUR & Valid up to 03.05.2023 Annexure- I
	(xi). Status of Consents under Water Act and Air Act :	: 173 /R.O./T.S./C.E.C.B./2021 Raigarh, dated: 24/05/2021 and Valid till 18.02.2025 (Annexure-II)
2	Type of Health Care Facility	: HCF
	(i) Bedded Hospital :	: 30
	(ii) Non-bedded hospital (Clinic or Blood Bank or Clinical Laboratory or Research Institute or Veterinary Hospital or any other) :	: CLINIC
	(iii) License number and its date of expiry	: RAIG0373/CL valid till 04/03/2025
3	Details of CBMWTF	: Not Applicable
	(i) Number healthcare facilities covered by	: Nil

	CBMWTF:	:				
	(ii) No of beds covered by CBMWTF :	:	Nil			
	(iii) Installed treatment and disposal capacity of CBMWTF:	:	Not Applicable			
	(iv) Quantity of biomedical waste treated or disposed by CBMWTF	:	Nil			
4	Quantity of waste generated or disposed in Kg per annum (on monthly average basis)	:	Yellow Category : 42.43 (3.53 Kg/month) Red Category : 20.90 (1.74 Kg/month) White : 4.45 (0.37 Kg/month) Blue Category : 7.88 (0.66 Kg/month) General Solid Waste: NA Refer Annexure-III			
5	Details of the Storage, treatment, transportation, processing and Disposal Facility					
	(i) Details of the on-site storage facility	:	Size : Capacity : Provision of on-site storage: There is separate room for waste storage. Waste are being segregate & collected in colour coated bins and dispose-off on daily basis.			
	disposal facilities	:	Type of treatment equipment	No of units	Capacity Kg/ day	Quantity treated or disposed in kg per annum
			Incinerators	Nil		
			Plasma Pyrolysis	Nil		
			Autoclaves	1	40 Ltr	It is being used for sterilization of equipment's only liquid waste being generated 180 Ltr.
			Microwave	Nil		
			Hydroclave	Nil		
			Shredder Needle tip cutter or destroyer	10		
			Sharps encapsulation or concrete pit		1	1000 Ltr. After disinfection passes to STP for further treatment.
			Deep burial pits:	1		1000 Kg
			Chemical disinfection:	NaOCl 4 %		
			Any other treatment equipment:			
		(iii) Quantity of recyclable wastes sold to authorize recyclers after treatment in kg	:	Red Category (like plastic, glass etc.)		

	per annum.				
	(iv) No of vehicles used for collection and transportation of biomedical waste	:	NA		
	(v) Details of incineration ash and ETP sludge generated and disposed during the treatment of wastes in Kg per annum	:	Details	Quantity generated	Where disposed
			Incineration		
			Ash	NOT APPLICABLE	
			ETP Sludge		
	(vi) Name of the Common Bio Medical Waste Treatment Facility Operator through which wastes are disposed of	:	NA		
	(vii) List of member HCF not handed over bio-medical waste.	:	Not Applicable		
6	Do you have bio-medical waste management committee? If yes, attach minutes of the meetings held during the reporting period	:	YES		
7	Details trainings conducted on BMW – (i) Number of trainings conducted on BMW Management. (ii) Number of personnel trained. (iii) Number of personnel trained at the time of induction. (iv) Number of personnel not undergone any training so far. (v) Whether standard manual for training is available? (vi) any other information)	:	2 2 3 1 YES		
8	Details of the accident occurred during the year (i) Number of Accidents occurred (ii) Number of the persons affected (iii) Remedial Action taken (Please attach details if any) (iv) Any Fatality occurred, details.	:	NIL		
9	Are you meeting the standards of air Pollution from the incinerator? How many times in last year could	:	Not Applicable		

	not met the standards?		
	Details of Continuous online emission monitoring systems installed	:	Not Applicable
10	Liquid waste generated and treatment methods in place. How many times you have not met the standards in a year?	:	Liquid waste will be collected in concrete pit and after treatment routed to STP. We have adopted MBBR treatment method and meeting the standards all the time .
11	Is the disinfection method or sterilization meeting the log 4 standards? How many times you have not met the standards in a year?	:	YES
12	Any other relevant information	:	(Air pollution control devices attached with the incinerator) - Not Applicable .

Certified that the above report is for the period: January, 2021 to December, 2021


Name and Signature of the Head of the Institution

Date: 17.06.2022

Place: **Naharpali, Raigarh**



CHHATTISGARH ENVIRONMENT CONSERVATION BOARD

PARYAVAS BHAWAN, NORTH BLOCK, SECTOR -19,
NAVA RAIPUR ATAL NAGAR, RAIPUR (C.G.) 492002
E-mail : hocecb@gmail.com, Ph. No. 0771-2512220

No. 5857/ BMW /HO /CECB /2021

Raipur, dated 22/11/2021

To

**Maina Devi Clinic (30 Beds),
Monnet Ispat & Energy Ltd., Naharpali,
Distt. - Raigarh (C.G.)**

Sub.: Renewal of authorization under rule 10 of the Bio- Medical Waste Management Rules, 2016.

- Ref.: 1. Grant of authorization letter no. 751/BMW/HO/CECB/2019 Raipur, dated 10/05/2019.
2. Your Online Application No. 4988003 dated 17/03/2020.

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The authorization under rule 10 of the Bio- Medical Waste Management Rules, 2016 is hereby renewed for period from **04/05/2020** to **03/05/2023** subject to the fulfillment of terms & conditions incorporated in the authorization letter no. **751/BMW/HO/CECB/2019 Raipur, dated 10/05/2019** and additional conditions are enclosed herewith.

CONDITIONS PERTAINING TO THE BIO- MEDICAL WASTE MANAGEMENT RULES, 2016

Form III (See rule 10)

[Authorization for operating a facility for generation, collection, reception, treatment, storage, transport and disposal of bio-medical wastes]

1. Number of authorization **967/HO/BMW/CECB/ATAL NAGAR, RAIPUR.**
2. Reference of Online Application No. **4988003 dated 17/03/2020.**
3. The authorization granted vide letter no. **751/BMW/HO/CECB/2019 Raipur, dated 10/05/2019** to occupier of facility i.e. **Maina Devi Clinic (30 Beds), Monnet Ispat & Energy Ltd., Naharpali, Distt. - Raigarh (C.G.)** is hereby granted an authorization for a facility for segregation, collection, reception, storage, transport, treatment and disposal of Bio-Medical Waste at the premises situated at **Monnet Ispat & Energy Ltd., Naharpali, Distt. - Raigarh (C.G.)**.
4. This renewal of authorization shall be in force for period from **04/05/2020** to **03/05/2023**.
5. This renewal of authorization is subject to the conditions stated below and to such other conditions as may be specified in the rules for the time being in force under the Environment (Protection) Act 1986.

TERMS & CONDITIONS OF AUTHORIZATION

1. The authorization shall comply with the provisions of Environment (Protection) Act, 1986 and the rules made there-under.
2. The occupier shall obtain membership from CBWTFs for Bar Coding and final disposal of their Bio Medical Waste.
3. The authorization or its renewal shall be produced for inspection at the request of an officer authorized by the prescribed authority.
4. The person authorized shall not rent, lend, sell transfer or otherwise transport the Bio-Medical wastes without obtaining prior permission of the prescribed authority.
5. 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.
6. It is the duty of the authorized person to take prior permission of the prescribed authority to close down the facility and such other terms and conditions may be stipulated by the prescribed authority.
7. The occupier shall submit in annual report in enclosed form-IV by 30th June every year to concern Regional Office of the Board.
8. No untreated Bio-Medical waste & shall be kept stored beyond a period of 48 hours. Provided that if for any reason it becomes necessary to store the waste beyond such period, the authorized person must take permission of prescribed authority and take measures to ensure that the waste does not adversely affect human health and the environment.
9. The occupier shall take necessary action for the treatment of effluent generated from the hospital so as to meet the standards prescribed under Water (Prevention and Control of Pollution) Act, 1974. Standard limit is given below :-

pH	:	6.5-9.0
Suspended solid	:	100 mg/l
Oil and grease	:	10 mg/l
BOD	:	30 mg/l
COD	:	250 mg/l
Bio-Assay Test	:	90% survival of fish after 96 hours in 100% effluent
10. The occupier shall obtain consent under Water (Prevention and Control of Pollution) Act, 1974 from Chhattisgarh Environment Conservation Board, within a period of 03 months.

Endt.No 5858/ BMW / H.O. /CECB /2021

Copy to :- Regional Officer, Regional office, Chhattisgarh Environment Conservation Board, Raigarh (C.G.) please ensure compliance and report, if any condition/conditions are violated by the Hospital/Health Care Facility.

Member Secretary

C.G. Environment Conservation Board
Nava Raipur Atal Nagar, Raipur (C.G.)

Raipur, date 22/11/2021

Signature Not Verified

Digitally Signed by : R P Tiwari
MS

Date: 2021.12.31.14:52:19 IST

Member Secretary
C.G. Environment Conservation Board
Nava Raipur Atal Nagar, Raipur (C.G.)



**REGIONAL OFFICE
C.G.ENVIRONMENT CONSERVATION BOARD
T.V. TOWER ROAD, RAIGARH**

No. 173 /R.O./T.S./C.E.C.B./2021

Raigarh, dated: 24/05/2021

To,

**Maina Devi Clinic,
M/s JSW Ispat Special Products Limited,
Village & Post-Naharpali, Tehsil-Kharsia,
District - Raigarh (C.G.)**

Sub: Renewal of Consent of the Board under section 25 of the Water (Prevention and Control of Pollution) Act. 1974 and under Section 21 of the Air (Prevention and Control of Pollution) Act. 1981.

Ref: Online application no. 6530908 Date 19.01.2021.

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With reference to the your above application consent under section 25 of Water (Prevention & Control of Pollution) Act, 1974 and under section 21 of Air (Prevention & Control of Pollution) Act, 1981 are hereby upto **18/02/2025** from the issue of this letter with the terms and conditions incorporated in the water consent and air consent letter No. **1633/RO/TS/CECB/2020 dated 18-02-2020** for operate and running of your nursing home with additional conditions mentioned below:

<u>Name of Work</u>	<u>Capacity</u>
Hospital	30 Bed

Additional Conditions :

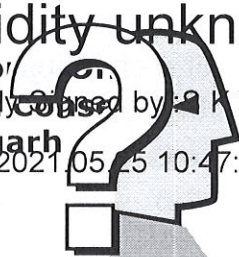
A. Water (Prevention and Control of Pollution) Act, 1974

1. Hospital shall improve their existing water pollution control facilities and operate properly so that the treated effluent could be achieved within the prescribed standards.
2. Hospital shall ensure that there is no discharge of effluent or any seepage of waste water outside of Hospital premises.
3. Hospital shall install rain water harvesting system for recharge of ground water.
4. Bio-medical waste shall be collected and proper disposed in deep burial methods by using deep pit and sharp pit.
5. Hospital shall maintain good house keeping practices within the hospital premises.
6. Extensive tree plantation shall be carried out in open areas available within & around the hospital premises.

B. Air (Prevention and Control of Pollution) Act, 1981

01. Hospital shall improve their existing air pollution control facilities and operate these properly so that the emission could be achieved within the prescribed standards.
02. Bio-medical wastes shall be treated and disposed off in accordance with Schedule-I , and in compliance with the standards prescribed in Schedule-V.
03. Segregation, packing, transportation and storage of Bio-medical wastes shall be in accordance with rule 6.
04. The Consent is granted to operate the facility for collection, reception, treatment storage, transport & disposal of Bio-medical wastes of waste category type red, yellow, blue and white generated from your Hospital.
05. All Staff, including those engaged Bio-medical wastes, collection, reception, treatment, storage, transportation and disposal should have regular medical checkups.
06. Working of the Bio-medical wastes management system shall be reviewed at regular intervals and modifications if any, required shall be carried out promptly.
07. Maintenance of records shall be in accordance with rule 11.
08. Domestic waste should be collected and disposed separately.
09. Extensive tree plantation shall be carried out in open areas available within and around the Nursing Home premises.
10. Any complaint if reported regarding air pollution from the Hospital in future in that case air consent would be cancelled.
11. Hospital shall maintain good house keeping practices within the Hospital in premises.

Validity unknown
Regional
C.G. Environment Board
Raigarh
Digitally Signed by P. K. Verma
Date: 2021.05.25 10:47:47 IST



MAINA DEVI CLINIC
JSW ISPAT SPECIAL PRODUCTS LTD., RAIGARH
BIOMEDUCAL WASTE GENERATION DETAILS

Annexure-III

Period: (January 2021 to December 2021)

SR. NO	MONTH	YELLOW (KG)	RED (KG)	BLUE (KG)	WHITE (KG)	TOTAL (KG)
1	Jan-21	1.70	1.06	0.39	0.17	3.32
2	Feb-21	1.17	0.72	0.11	0.06	2.06
3	Mac-21	3.37	1.28	0.40	0.17	5.22
4	Apr-21	4.25	2.56	0.77	0.36	7.93
5	May-21	4.71	2.69	0.94	0.50	8.84
6	Jun-21	3.89	1.77	0.77	0.57	7.00
7	Jul-21	5.14	1.76	0.89	0.53	8.32
8	Aug-21	4.28	1.93	1.00	0.53	7.74
9	Sep-21	4.19	1.95	0.93	0.57	7.63
10	Oct-21	2.37	1.49	0.52	0.48	4.85
11	Nov-21	3.91	2.44	0.75	0.34	7.44
12	Dec-21	3.46	1.25	0.41	0.18	5.30
	TOTAL	42.43	20.90	7.88	4.45	75.65
	AVERAGE.	3.54	1.74	0.66	0.37	6.30

