RAMKRISHNA FORGINGS LIMITED, PLANT-7

DUGNI, SARAIKELA-KHARSAWAN

ENVIRONMENTAL STATEMENT

FOR

YEAR 2023-2024

ENVIRONMENTAL STATEMENT
FORM –V
(SEE RULE 14)

ENVIRONMENTAL STATEMENT FOR THE FINANCIAL YEAR ENDING THE 31ST MARCH 2021

PART – A

1. Name and address of the Owner /Occupier of the Industry operation or process : **SRI MAHABIR PRASAD JALAN, CHAIRMAN**
   Ramkrishna Forgings Limited, Plant-VII
   Plot No. 1988, Mouza - Dugni, Thana-Saraikela
   District – Saraikela-Kharsawan
   Jharkhand - 833220

2. Industry Category

   Primary – (S/C Code) : Large Scale

   Secondary – (S/C Code)

3. Production Capacity – Units : Forging Items – 18600 TPA
   Assembly of Railway Parts - 13130 TPA

4. Year of establishment

   Commercial production : 2020

5. Date of last environmental Statement submitted : **16th September 2023**

PART – B

WATER AND RAW MATERIAL CONSUMPTION

1. Water consumption KL/D : 216

   Process : 53

   Cooling : 64

   Domestic : 99

Name of Product	Process water consumption per unit of the product output	
	During the previous Financial year (22-23)	During the Current Financial year (23-24)
Forging and Assembly of Railway Parts	1.24 KL/MT	2.91 KL/MT

2. Raw Material Consumption

* Name of Raw Materials	Name of product	Consumption of Raw Material Per unit of Out put	
		During the previous Financial year (22-23)	During the current Financial year (23-24)
Steel Plates, Forgings Assembly of Railway Parts, And Others		16262 MT	35359 MT

Industry may use codes if disclosing details of raw material worth contractual obligations otherwise all industries have to name the raw materials used.

PART – C

Pollution discharged to Environment/unit of output (Parameter as specified in the consent issued)

(1)	Pollutants	Quantity of pollutant Concentrations of pollutants in discharge from prescribed standards with reasons	Percentage of variation (mass/volume)
(a)	WATER	Fresh evaluation work has been done by M/s Vision Earth Consultancy duly authorized by JSPCB. Report enclosed	
(b)	AIR		

PART – D

Hazardous Wastes

(as specified under Hazardous Wastes/Management and Handling Rules, 1989)

Hazardous Wastes		Total Quantity (kg.)	
		During the previous Financial year (22-23)	During the current Financial year (23-24)
(a)	From process		
	1. Used/Waste Oil	0.200 KL	17.640 KL
	2. Paint Sludge	0.300 MT	5.820 MT
	3. ETP Sludge	0	19.500 MT
(b)	From pollution Control Facilities	N. A.	Nil

PART – E

Solid Wastes

		Total Quantity (MT)	
		During the previous Financial year (22-23)	During the current Financial year (23-24)
(a)	From process	4703 MT	8631 MT
(b)	From pollution Control Facilities	Nil	Nil
(c) (1)	Quantity recycled or re-utilized within the unit	Total Quantity sold for re-utilization	
(2)	Sold		
(3)	Disposed		

PART – F

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

Two types of waste generated- Hazardous and Non-Hazardous.

Hazardous Wastes i.e. Used/Waste Oil and Grease etc. It is stored at demarcated storage area under Shed in steel barrels and sold to the authorized recycler, handlers at regular intervals.

ETP Sludge, Paint Sludge, Oil-Soaked cotton etc. are disposed to the cement co- processors units registered with JSPCB/CPCB.

Non- Hazardous Wastes, I.e. Raw material scrap used drums and paper waste etc. are regularly disposed to the authorized vendors.

PART – G

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

We have installed 100 KLD ETP and 65 KLD STP for reuse of waste water generating during the process and domestic use. RWHS for maintain the ground water level. Fixed and Portable type of dust suppression system (Anti Smoke Gun) installed beside the roads. Plantation at various locations within the premises etc.

PART – H

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

Environment protection has been given full consideration during the designing of the plant.

A concentric tree plantation with a cascading effect is proposed keeping in the view Plant height, leaf spread and characteristics, availability of local species, resistance to pollutant, location of sources, plant layout, meteorological condition, water availability etc.

A three - tier plantation for the boundaries is proposed comprising of an outermost belt of tall trees, which shall act as barrier, middle core acting as air cleaner and the innermost core, which may be termed as absorptive layer consisting of trees, which are known to be tolerant to pollutants.

PART-I

Any other particulars for improving the quantity of the environment.

The latest technology available/suggested by the Board in order to improve the environment is being adhered.