



Maharashtra Pollution Control Board

महाराष्ट्र प्रदूषण नियंत्रण मंडळ

FORM V

(See Rule 14)

Environmental Audit Report for the financial Year ending the 31st March 2025

Unique Application Number

MPCB-ENVIRONMENT_STATEMENT-0000085358

Submitted Date

24-09-2025

PART A

Company Information

Company Name

GHATGE PATIL INDUSTRIES LTD.
(PLANT 2)

Application UAN number

MPCB-CONSENT-0000134401

Address

PLOT NO. D-2, D-3, D-3/1, D-3/2,
KAGAL- HATKANAGALE
INDUSTRIAL AREA, DIST-
KOLHAPUR

Plot no

PLOT NO. D-2, D-3, D-3/1, D-3/2

Taluka

HATKANANGALE

Village

KAGAL- HATKANAGALE INDUSTRIAL
AREA, TALANDGE

Capital Investment (In lakhs)

31622.33

Scale

LARGE

City

KAGAL- HATKANAGALE INDUSTRIAL
AREA,

Pincode

416216

Person Name

PRAVIN S MORE

Designation

DEPUTY MANAGER ENVIRONMENT

Telephone Number

9881530133

Fax Number

9881530133

Email

praveen.more@gpi.co.in

Region

SRO-Kolhapur

Industry Category

Red

Industry Type

R53 Iron & Steel (involving processing
from ore/ integrated steel plants) and
or Sponge Iron units

Last Environmental statement submitted online

yes

Consent Number

No:- Format1.0/CAC/UAN
No.MPCBConsent-0000134401/CR/2207000106

Consent Issue Date

2022-07-02

Consent Valid Upto

2025-05-31

Establishment Year

2016

Date of last environment statement submitted

Aug 29 2024 12:00:00:000AM

Industry Category Primary (STC Code) & Secondary (STC Code)

Product Information

Product Name

SG & GREY IRON CASTINGS

Consent Quantity Actual Quantity UOM

72000 49391 MT/A

ENGINEERING INDUSTRIAL ACTIVITY OF SHOT BLASTING, FETTLING, MACHINING AND
PAINTING OF JOBS (WITHOUT SURFACE TREATMENT)

1200000 372779 Nos./Y

By-product Information

By Product Name	Consent Quantity	Actual Quantity	UOM
NA	0	0	CMD

Part-B (Water & Raw Material Consumption)

1) Water Consumption in m3/day

Water Consumption for Process	Consent Quantity in m3/day	Actual Quantity in m3/day
	260.00	0.77
Cooling	480.00	312.80
Domestic	80.00	33.15
All others	34.00	0.00
Total	854.00	346.72

2) Effluent Generation in CMD / MLD

Particulars	Consent Quantity	Actual Quantity	UOM
DOMESTIC	72.5	30.14	CMD
TRADE	32.5	0.71	CMD

2) Product Wise Process Water Consumption (cubic meter of process water per unit of product)

Name of Products (Production)	During the Previous financial Year	During the current Financial year	UOM
SG & GREY IRON CASTING	1.85	2.19	CMD
ENGINEERING INDUSTRIAL ACTIVITY OF SHOT BLASTING, FETTLING, MACHINING AND PAINTING OF JOBS (WITHOUT SURFACE TREATMENT)	0.2985	0.290	CMD

3) Raw Material Consumption (Consumption of raw material per unit of product)

Name of Raw Materials	During the Previous financial Year	During the current Financial year	UOM
PIG IRON	0.247	0.253	Ton/Ton
Ferrous Silicon	0.011	0.011	Ton/Ton
Copper Scrap	0.002	0.002	Ton/Ton
Bentonite Powder	0.095	0.093	Ton/Ton
Unwashed Sand	0.045	0.085	Ton/Ton
Washed Sand	0.793	0.759	Ton/Ton
Ferro Magnesium	0.0042	0.0040	Ton/Ton
Resin	0.0064	0.0064	Ton/Ton
Activator	0.0064	0.0064	Ton/Ton
Amine	0.0011	0.0012	Ton/Ton
PAINT	0.641	0.615	Ltr/A
THINNER	0.836	0.975	Ltr/A
CUTTING OIL	0.159	0.150	Ltr/A
STEEL SHOTS	1.071	0.626	MT/A
ROUGH CASTINGS	1	1	Nos./Y

4) Fuel Consumption

Fuel Name	Consent quantity	Actual Quantity	UOM
BIO CNG (LPG)	792	677.06	MT/A

Part-C

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

[A] Water

Pollutants Detail	Quantity of Pollutants discharged (kL/day)	Concentration of Pollutants discharged(Mg/Lit) Except PH,Temp,Colour	Percentage of variation from prescribed standards with reasons	Standard	Reason
	Quantity	Concentration	%variation		
pH	7.31	7.31	0	5.5 to 9.0	WITH IN LIMIT
OIL & GREASE	0	0	0	10	WITH IN LIMIT
BOD	0.0065	9.2	0	30	WITH IN LIMIT
COD	0.047	66.2	0	250	WITH IN LIMIT
TDS	0.674	950	0	2100	WITH IN LIMIT
SUSPENDED SOLIDS	0.014	20.4	0	100	WITH IN LIMIT
IRON	0.0003	0.486	0	3	WITH IN LIMIT
CHROMIUM AS Cr	0	0	0	2	WITH IN LIMIT
TOTAL METAL	0.00011	0.16	0	10	WITH IN LIMIT

[B] Air (Stack)

Pollutants Detail	Quantity of Pollutants discharged (kL/day)	Concentration of Pollutants discharged(Mg/NM3)	Percentage of variation from prescribed standards with reasons	Standard	Reason
	Quantity	Concentration	%variation		
SO2	105	15.0	0	0	WITH IN LIMIT
TPM	9.5	13.61	0	50	RESULTS ARE WITH IN LIMIT (22.16 MG/NM3)

Part-D

HAZARDOUS WASTES

1) From Process

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
5.1 Used or spent oil	6.447	8.847	KL/A
5.2 Wastes or residues containing oil	20.99	19.16	MT/A
21.1 Process wastes, residues and sludges	40.73	49.64	MT/A
33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	3620	1919	Nos./Y

2) From Pollution Control Facilities

Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
35.3 Chemical sludge from waste water treatment	3.32	5.44	MT/A

Part-E

SOLID WASTES

1) From Process

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
MOLDING SAND	5734	6315	MT/A
BURNT SAND/CORES	20231	24812	MT/A
METAL SCARP	0	0	MT/A
CI BORING AND TURNING	2794.43	3066.98	MT/A
GRINDING WHEELS	32920	43279	Nos./Y

2) From Pollution Control Facilities

Non Hazardous Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
STP SLUDGE	2.65	2.75	MT/A
DUST	4458.71	4562	MT/A
GRINDING /FETTLING DUST	523.23	109.36	MT/A
SHOT BLASTING DUST	75.56	26.39	MT/A

3) Quantity Recycled or Re-utilized within the unit

Waste Type	Total During Previous Financial year	Total During Current Financial year	UOM
0	0	0	CMD

Part-F

Please specify the characteristics(in terms of concentration and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.

1) Hazardous Waste

Type of Hazardous Waste Generated	Qty of Hazardous Waste	UOM	Concentration of Hazardous Waste
5.1 Used or spent oil	8.847	KL/A	SEND TO AUTHORIEZED RECYLER/REPROCESSOR
5.2 Wastes or residues containing oil	19.16	MT/A	SEND TO CHWTSDF
21.1 Process wastes, residues and sludges	49.64	MT/A	SEND TO CHWTSDF
33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	1919	Nos./Y	SEND TO RECYCLER
35.3 Chemical sludge from waste water treatment	5.44	MT/A	SEND TO CHWTSDF

2) Solid Waste

Type of Solid Waste Generated	Qty of Solid Waste	UOM	Concentration of Solid Waste
DUST	4562	MT/A	SALE TO BRICKS MANUFACTURERS/LANDFILLING
MOLDING SAND	6315	MT/A	SALE TO BRICKS MANUFACTURERS
METAL SCRAP	0	MT/A	REUSE
BURNED SAND/CORES	24812	MT/A	REUSE/LANDFILLING
STP SLUDGE	2.75	MT/A	USED AS MANURE
GRINDING /FETTLING DUST	109.36	MT/A	SALE
SHOT BLASTING DUST	26.39	MT/A	SALE

C I BORING AND TURNING	3066.98	MT/A	SALE
GRINDING WHEEL	43279	Nos./Y	SALE

Part-G

Impact of the pollution Control measures taken on conservation of natural resources and consequently on the cost of production.

Description	Reduction in Water Consumption (M3/day)	Reduction in Fuel & Solvent Consumption (KL/day)	Reduction in Raw Material (Kg)	Reduction in Power Consumption (KWH)	Capital Investment(in Lacs)	Reduction in Maintenance(in Lacs)
STP & ETP	30.85	0	0	10	60	0
RECLAIMED SAND	0	0	5853.56	0	25	0

Part-H

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

[A] Investment made during the period of Environmental Statement

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
ENVIRONMENTAL MONITORING, CALIBRATION OF EQUIPMENT'S, AND PERIODIC MAINTENANCE OF PUMPS , WASTE MANAGEMENT	FOR SMOOTH OPERATION OF POLLUTION CONTROL EQUIPMENT'S, ENVIRONMENTAL MONITORING	15

[B] Investment Proposed for next Year

Detail of measures for Environmental Protection	Environmental Protection Measures	Capital Investment (Lacks)
NA	NA	0

Part-I

Any other particulars for improving the quality of the environment.

Particulars

ROAD SWEEPING MACHINE IS USED FOR CLEANING IN FACTORY PREMISES .WE HAVE RECLAIMED SAND @ 5853.56 MT/A AND SAVED NATURAL RESOURCES.

Name & Designation

P.S. MORE DPT.MANAGER ENVIRONMENT

UAN No:

MPCB-ENVIRONMENT_STATEMENT-0000085358

Submitted On:

24-09-2025