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ODISHA
NEW OPPORTUNITIES

Our Ref: IFCAL/TCM/

59

DT. 18/5/2020

To
The Member Secretary,
Odisha state Pollution Control Board,
Paribesh Bhawan, A-118, Nilakanthanagar,
Unit-VIII, Bhubaneswar-751012.

Sub: Environmental Statement of Talangi Chromite Mine of M/s IDCOL Ferro
Chrome & Alloys Ltd, located in village – Talangi, Tahasil-Sukinda, Dist:
Jajpur, for the year ending March, 2020.

Sir,

We are submitting herewith the " Environmental Statement for the financial year
ending March, 2020 in Form -V as per Rule-14 under Environmental (Protection)
Rule, 1986.

This is for your kind information please.

Thanking you.

Yours faithfully,
For IDCOL Ferro Chrome & Alloys Ltd.


Mines Manager
Talangi Chromite Mine
Mines Manager
Talangi Chromite Mines

Encl: As above.

Copy to : The Regional Officer,
State Pollution Control Board,
Infront of OMC Guest House
At- Dhabalgiri, Po- Sobara, Jajpur Road
Jajpur, Odisha Pin-755019

IDCOL FERRO CHROME & ALLOYS LIMITED

(A Wholly Owned Subsidiary of IDCOL)

A Govt. of Odisha Undertaking

Regd. Office : Ferro Chrome Project - 755020, Jajpur Road, Dist - Jajpur (Odisha), India

Corporate Identity Number : U 27109 OR 199950C 005736

☎ 06726-220212/220319/220494/220508/220370/220516/274113, ☎ 06726-220524, ✉ fcalt@idcol.in, 🌐 www.idcol.in

FROM-V
(See rule-14)

Environment statement for the financial year ending the 31st March, 2019

PART-A

I. Name & Address of the owner/Occupier of the Industry, operation or process:

Talangi Chromite Mine
M/s IDC of Orissa Ltd
Vill-Talangi, Po.-Kansa
Dist-Jajpur, Orissa

II. Industry category primary- (STC CODE) Secondary-(SIC CODE)

III. Production capacity: units: 59641 MT as per scheme

IV. Year of Establishment: 1993

V. Date of the last environmental statement submitted: 13.05.2019

PART-B

Water and Raw material consumption:

1. **water consumption** cum/ day: 60 cum/day

Process: COB plant- 13 cum/day

Cooling: water sprinkling on Haul Road- 17 cum/day

Domestic: Drinking and Domestic – 30 cum/day

Name of Products	Process water consumption per unit of products	
	During the previous financial year 2018-19	During the current financial year 2019-20
1. Chrome concentrate	333 Ltr	282 Ltr

II. Raw material consumption

Name of Raw Materials*	Name of Products	Consumption of Raw Material per unit of output	
		During the previous financial year 2018-19	During the current financial year 2019-20
Chrome Ore	Chrome concentrate	2.23 Mt.	1.89 Mt.

- Industry may use codes if disclosing details or Raw materials would violet contractual obligation, other wise all industries have to name the raw materials used.

PART-C

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

Pollution	Quantity of Pollution discharged (Mass/day.)	Conc of Pollution discharged (Mass/Vol.)	% of variation from prescribed standards with reason.
a) Water Site specific working influent cum ETP			
PH value at 20° C	NA	NA	NA
TSS	NA	NA	NA
Bio-chemical oxygen demand (for 5 days at 20° C)	NA	NA	NA
Chemical oxygen demand	NA	NA	NA
Oil and grease	NA	NA	NA
Hexavalent chromium	NA	NA	NA
Total Chromium		NA	NA
b) Air- Not applicable			

PART-D

HAZARDOUS WASTES

(As specified under hazardous wastes (Management & Handling Rules. 1989)

Hazardous Wastes	Total quantity (Kg)	
	During the previous financial year 2018-19	During the current financial year 2019-20
1. From Process <ul style="list-style-type: none">• Used Oil• Waste containing Oil	600 ltr 70 kg	270 ltr 31 kg
2. From pollution control facilities <ul style="list-style-type: none">• ETP Sludge	620 kg	NIL

PART-E

SOLID WASTES

	Total quantity (Kg)	
	During the previous financial year 18-19	During the current financial year 19-20
a. From Process (O.B.& Top soil)	1,26,375.68 m3	Nil
b. From pollution control facilities	Nil	Nil
c. Quantity recycled or reutilized within the unit	Nil	Nil

PART-F

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

No mining operation in the year 2019-20.

PART-G

Impact of the pollution abatement measures taken on conservation of natural re-sources and on the cost of the production.

- Massive plantation has been done to retain the soil capacity as well as to increase the water holding capacity of that area.
- Waste dumps got stabilized with massive plantation.

PART-H

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

- Water sprinkling system on haul roads by engaging 10 KL. Water tankers on daily basis.

PART-I

MISCELLANEOUS:

Any other particulars in respect of environmental protection and abatement of pollution.

- Environmental week is being observed in the month of January every year, for environmental awareness among the staffs as well as for peripheral villagers.

J.P. Farooq