

To

Shri D.Raja,
IITM Research Park, Phase-I
10th Floor, No.1, Kanagam Village,
Behind Tidel Park, Taramani,
CHENNAI - 600 113(TN).

Sub : Information under the Right to Information Act, 2005.

Dear Sir,

With reference to your application dtd. 10.02.2011, received by us on 16.02.2011, seeking information under the Right to Information Act, 2005 (the RTI Act), the required information as received from the concerned department/unit is furnished free of charges as Annexure (2 Nos. of pages) enclosed.

The particulars of the Appellate Authority of the Company under the RTI Act :

Shri B. N. Swain
Executive Director & Appellate Authority,
National Aluminium Company Limited,
NALCO Bhawan, P/1, Nayapalli,
BHUBANESWAR-751 061.
Ph. No. 0674-2301255 (O), E-mail : bnswain@nalcoindia.co.in

The time limit for preferring appeal to the Appellate Authority of the Company is 30 days as specified under Section 19(1) of the RTI Act.

Thanking you,

Yours faithfully,
For National Aluminium Company Limited



(K. N. RAVINDRA)
COMPANY SECRETARY & PIO

Encl.: As above.

नेशनल एल्युमिनियम कम्पनी लिमिटेड
(भारत सरकार का उद्यम)

निगम कार्यालय

नालको भवन, नयापल्ली, भुवनेश्वर-751 013, भारत
EPABX: (0674) - 2301988 to 999 Ext. 2585,2586,2587 Direct: 2303197 Telefax : 2300677

National Aluminium Company Limited

(A Government of India Enterprise)

CORPORATE OFFICE

NALCO BHAVAN, Nayapalli, Bhubaneswar - 751 013, INDIA

EPABX: (0674) - 2301988 to 999 Ext. 2585,2586,2587 Direct: 2303197 Telefax : 2300677

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Information sought by Sri D. Raja, Chennai under RTI Act

Name of Chemical/Waste	Qty. Produced (MT)	Method of removal/disposal presently adopted	Amount still present in final treated product before being released to atmosphere or water/land	Maximum limit prescribed by the pollution control authority for the release of this chemical
1	2	3	4	5
I Alumina Refinery				
Red Mud	20,08,702/PA	Send to Red Mud Pond through pipeline and Thickened Tailing Disposal system is practiced	Impounded in a special designed pond with recycling of decanted water in the process	No limit prescribed
Fly Ash	4,16,878/PA	Used for manufacturing of bricks, mixing with cement and filling low lying area and the balance is discharged into pond with recycling of decanted water	-do-	-do-
Lime Grit Suspended Particle Matter (SPM)	20,975/PA	Used to fill the low lying areas inside plant Calcination Plant is provided with Electrostatic Precipitator and tall chimney	Average SPM in the stack is less than 80 ppm	250 ppm
II CPP				
Ash	6000 - 6500 MT / Day	Used for manufacturing of bricks, mixing with cement and filling low lying area and the balance is discharged into pond with recycling of decanted water	Impounded in a special designed pond with recycling of decanted water in the process	No limit prescribed
SPM		Captive Power Plant is provided with Electrostatic Precipitator and tall chimney	Average SPM in the stack is less than 80 ppm	250 ppm

III Smelter				
1) Total Fluoride emission to atmosphere				
a) Potlines	25.2 kg/T of Al appx	The fluoride emitted from pots are absorbed onto surface of alumina powder and then dry-scrubbed through bag filter. Fluorinated alumina is recycled back into pots and clean gas is discharged through 63 m high chimneys	0.63 kg/T of Al	0.8 kg/T of Al
b) Bake oven	3.44 kg/T of Al appx	The fumes are treated in a fume treatment centre using dry scrubbing technology with alumina as above	0.095 kg/T of Al	0.1 kg/T of Al
2) Total dust				
a) Potlines	3.8 gm/Nm ³ appx.	Treated in the above mentioned fume treatment plant in bag house	11.54 mg/Nm ³	100 mg/Nm ³
b) Bake oven	11.0 gm/Nm ³ appx.	Particulate matters are retained in the bag house provided in the fume treatment centre	31.85 mg/Nm ³	50 mg/Nm ³
3) Fluoride in surface water				
	13.5 mg/lit	Treated in a de-fluoridation plant utilizing the ION exchange technology with resins	1.54 mg/lit	2.00 mg/lit
4) BOD in sewage generated in the plant				
	150 mg/lit appx	Treated in an STP utilizing the activated sludge process	2.0 mg/lit	30 mg/lit