



ISSUED TO:

**M/s. ADITYAPUR WASTE MANAGEMENT
PRIVATE LIMITED
(A Division Of Resustainability Limited)
Plot No.43, Khata No.529, Sini More,
Ukri Road, Dist.: -Saraikella-Kharswan,
Jharkhand-833220.**

Report Number : **VLL/VLS/23/06190/013**
Issue Date : **2023.07.25**
P.O. Number : **0400100694**
P.O. Date : **27.06.2023**

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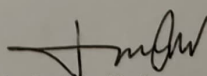
Sample Particulars: **SOURCE EMISSION MONITORING FOR DG SET**

Sample Collected on	: 2023-06-30	Samples Registered on	: 2023-07-06
Analysis started on	: 2023-07-06	Analysis Completed on	: 2023-07-06
Statistical Parameters	: Temperature, Velocity, Flow Rate, Particulate Matter, Sulphur Dioxide, Oxides of Nitrogen, Carbon Monoxide.		
Samples Collected by Vimta Labs Limited.			

TEST REPORT

Sr. No.	PARAMETERS	UoM	METHOD OF TESTING	Results	* Limits
Physical Parameter					
1	Time of sampling	HH:MM	-	14:55-15:50	--
2	Capacity	KVA	-	400	--
3	Running Load	KVA	-	400	--
4	Stack diameter	m	-	0.15	--
5	Area of the Stack	m ²	-	0.0177	--
6	Fuel Used	-	-	H.S.D	--
7	Fuel Consumption	Lit/hr.	-	60	--
8	Flue gas Temperature	°C	USEPA M-2	169	--
9	Velocity of the Flue gas	m/Sec		16.31	--
10	Volumetric Flow rate	Nm ³ /hr.		680	--
Chemical Parameters					
11	Sulphur dioxide	gr/kw-hr	USEPA method-6C	0.033	--
12	Carbon Monoxide	gr/kw-hr	USEPA method-10	0.387	≤ 3.5
13	Oxides of Nitrogen	gr/kw-hr	CTM 030	0.824	≤ 4.0
14	Particulate Matter	gr/kw-hr	USEPA method-5	0.050	≤ 0.2

*Limits as CPCB DG Emission Guidelines as Per GSR 771(E)


Dr. SubbaReddy Mallampati
Manager- Environment.