



# GETS CONSULTING SERVICES

(Enviro Lab Division)

( ISO 9001: 2015 certified Laboratory)

No: 26, Second Floor, Fourth Main Road,  
Anna nagar, Velachery, Chennai-42

Mob: 94999 23734; Id: getsforindustries@gmail.com



## TEST REPORT

Report No: R-GETS/2301124

Report Date: 25.12.2023

Customer Name & Address

**BBL DAIDO PRIVATE LIMITED**  
R.S.No19, Vandalur- Kelambakkam Rd,  
Pudupakkam, Tamil Nadu -603103.

Discipline	Chemical	General Sampling Procedure	GETS/SOP/S/02
Group	Atmospheric Pollution	Sample Reference	GETS/1223/S/56
Sample Matrix	Stack Emission	Sample Collected by	Field Chemist
Sample Mark	Stack DG-1	Sample Collected on	19.12.2023
Sample Received Condition	Good	Sample Received on	19.12.2023
Sample Quantity	Thimble	Test Commenced on	21.12.2023
Cross Sectional Area	0.00786 m <sup>2</sup>	Test Completed on	25.12.2023
Sample Description/Source	500 KVA	DG Engine Sr. No.:	---

S.No.:	Parameters	Units	Test Methods	Result	Standard as per Environmental Protection Act Limits* (g/KW-hr)	
1	Diameter of the Porthole	m	IS 11255 Part 3:2005	0.20	-	
2	Stack Temperature	K	IS 11255 Part 3:2005	618	-	
3	Stack Velocity	m/s	IS 11255 Part 3:2005	19.6	-	
4	Stack Gas Flow Rate	Nm <sup>3</sup> /hr	IS 11255 Part 3:2005	1067	-	
5	Oxides of Nitrogen (Nox)	mg/Nm <sup>3</sup>	GETS/SOP/AP/05 : (ASTM & USEPA ) By Flue Gas Analyzer	316	0.42 g/KW-hr	4.0
6	Sulphur Dioxide (SO <sub>2</sub> )	mg/Nm <sup>3</sup>	GETS/SOP/AP/05 : (ASTM & USEPA ) By Flue Gas Analyzer	7.2	0.019 g/KW-hr	-
7	Particulate matter (PM)	mg/Nm <sup>3</sup>	IS 11255 Part 1:1985	26.4	0.070 g/KW-hr	0.2
8	Carbon Monoxide (CO)	mg/Nm <sup>3</sup>	GETS/SOP/AP/05 : (ASTM & USEPA ) By Flue Gas Analyzer	158	0.420 g/KW-hr	3.5
9	Oxygen (O <sub>2</sub> )	%	GETS/SOP/AP/05 : (ASTM & USEPA ) By Flue Gas Analyzer	16.5		-
10	Carbon dioxide (CO <sub>2</sub> )	%	GETS/SOP/AP/04 : (ASTM & USEPA ) By Flue Gas Analyzer	3.8		-

\*As per Environmental Protection Act, the principle rules published regarding the Emission standard for diesel generator set upto 800KW (Power Category from 75 KW to 800 KW) in the Gazette of India vide number S.O 844(E) dated 19th November subsequent amendment rule vide GSR 771(E) dated 11th December 2013.

Verified by

*S. Senthil Kumar*

**S.Senthil Kumar**  
Technical Manager

.....End of Report.....



Authorized by

*B. Durairaj*

**B. Durairaj**  
Quality Manager

### NOTE :

1. Test results shown in this test report relate only to the items tested.
2. This test report shall not be reproduce anywhere except in full and in same format without the Approval of the laboratory.



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## TEST REPORT

Report No: R-GETS/2301125		Report Date: 25.12.2023				
Customer Name & Address		BBL DAIDO PRIVATE LIMITED R.S.No19, Vandalur- Kelambakkam Rd, Pudupakkam, Tamil Nadu -603103.				
Discipline	Chemical	General Sampling Procedure		GETS/SOP/S/02		
Group	Atmospheric Pollution	Sample Reference		GETS/1223/S/57		
Sample Matrix	Stack Emission	Sample Collected by		Field Chemist		
Sample Mark	Stack DG-2	Sample Collected on		19.12.2023		
Sample Received Condition	Good	Sample Received on		19.12.2023		
Sample Quantity	Thimble	Test Commenced on		21.12.2023		
Cross Sectional Area	0.0314 m <sup>2</sup>	Test Completed on		25.12.2023		
Sample Description/Source	500 KVA	DG Engine Sr. No.:		---		
S.No.:	Parameters	Units	Test Methods	Result		Standard as per Environmental Protection Act Limits* (g/KW-hr)
1	Diameter of the Porthole	m	IS 11255 Part 3:2005	0.20		-
2	Stack Temperature	K	IS 11255 Part 3:2005	575		-
3	Stack Velocity	m/s	IS 11255 Part 3:2005	17.4		-
4	Stack Gas Flow Rate	Nm <sup>3</sup> /hr	IS 11255 Part 3:2005	1023		-
5	Oxides of Nitrogen (Nox)	mg/Nm <sup>3</sup>	GETS/SOP/AP/05 : (ASTM & USEPA ) By Flue Gas Analyzer	356	0.910 g/KW-hr	4.0
6	Sulphur Dioxide (SO <sub>2</sub> )	mg/Nm <sup>3</sup>	GETS/SOP/AP/05 : (ASTM & USEPA ) By Flue Gas Analyzer	6.3	0.016 g/KW-hr	-
7	Particulate matter (PM)	mg/Nm <sup>3</sup>	IS 11255 Part 1:1985	19.7	0.050 g/KW-hr	0.2
8	Carbon Monoxide (CO)	mg/Nm <sup>3</sup>	GETS/SOP/AP/05 : (ASTM & USEPA ) By Flue Gas Analyzer	181	0.463 g/KW-hr	3.5
9	Oxygen (O <sub>2</sub> )	%	GETS/SOP/AP/05 : (ASTM & USEPA ) By Flue Gas Analyzer	16.7		-
10	Carbon dioxide (CO <sub>2</sub> )	%	GETS/SOP/AP/05 : (ASTM & USEPA ) By Flue Gas Analyzer	3.3		-

\*As per Environmental Protection Act, the principle rules published regarding the Emission standard for diesel generator set upto 800KW (Power Category from 75 KW to 800 KW) in the Gazette of India vide number S.O 844(E) dated 19th November subsequent amendment rule vide GSR 771(E) dated 11th December 2013.

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