

General Information	
Report Issuing to-	The Rose Dresses Ltd., Islam Garments Ltd. & Islam Dresses Ltd.
Project Address	Jamgora, Diakhali, Ashulia, Dhaka
Date of Inspection	1 st February, 2025
Date of Report Issue	10th February, 2025
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Report Identification	Stack/Point Source Air Emission Assessment & Inventory Report.
Report & Reference No.	EISL/ENV. /EPT/25/00014(A, B & C)-7
Prepared By	Reviewed By
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Approved By	
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Acknowledgment

Eurosia ITC Services Ltd (EISL) is honored to have this opportunity for conducting an Environmental Parameter Test (EPT) for **The Rose Dresses Ltd., Islam Garments Ltd. & Islam Dresses Ltd.** **Eurosia ITC Services Ltd (EISL)** expresses its gratitude to the Managing Director for the responsibility for conducting the Environmental Parameter Test (EPT) of **The Rose Dresses Ltd., Islam Garments Ltd. & Islam Dresses Ltd.** Members of the **EISL** technical team were impressed with the spontaneous response received from the local people in providing information. Their contribution is gratefully recognized by **Eurosia ITC Services Ltd (EISL)** special mention must be made to the people who had given time to respond to the different types of surveys, Rapid Rural Appraisal, Consultation Meetings, and group discussions.

Thank you,

Md. Yeahia
Managing Director
Eurosia ITC Services Ltd. (EISL)

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2 Environmental Inspection Summary

Equipment Used	Measuring Range	Accuracy
1. Flue Gas Analyzer Brand: Testo, Model: 340	Flue gas O₂: 0 to 25 Vol.%	±0.2 Vol.%
	Flue gas CO (with H₂-compensation): 0 to 10000 ppm	±10 ppm or ±10 % of mv (0 to 200 ppm) ±20 ppm or ±5 % of mv (201 to 2000 ppm) ±10 % of mv (2001 to 10000 ppm)
	Flue gas CO₂ calculation (calculated from O₂): 0 to CO ₂ max	±0.2 Vol.%
	Flue gas NO: 0 to 4000 ppm	±5 ppm (0 to 33 ppm) ±5 % of mv (100 to 1333 ppm) ±10 % of mv (2000 to 4000 ppm)
	Flue gas NO₂: 0 to 500 ppm	±10 ppm (0 to 133 ppm) ±5 % of mv (Remaining Range)
	Flue gas SO₂: 0 to 5000 ppm	±10 ppm (0 to 33 ppm) ±10 % of mv (Remaining Range)
2. Stack Assessment Kit Brand: Lata Envirotech, Model: APM 160	Particulate Sampling: SPM collection in thimble type filter (with pore size of 1.6µm with collection efficiency for 0.3µm particles 33.7%) Gaseous Sampling: Collections of gases @ 0.3-3 lpm in chemicals kept in a set of 70 ml capacity borosilicate glass impingers.	2% FSD

3 Introduction

Air pollution is a kind of pollution that can also be a trans-boundary problem requiring agreement by governments world-wide. The Inter-Governmental Panel on Climate Change (IPCC) has predicted a possible rise in the average global temperature of 1 degree Celsius by 2025 and 3 degrees Celsius before the end of the 21st century. In the last few hundred years the rising human population and industrialization have increased the levels of gases like carbon dioxide, methane, nitrous oxide etc. in the atmosphere which is responsible for global warming. Despite the uncertainties and disputes, governments worldwide have agreed that precautions need to be taken now.

In a way, air emissions can happen by the gases and/or particulates that are released from the combination, decomposition, or combustion of materials. Stacks are the outlet of emissions from utility, machines, and other avenues for gases to escape when they are created. These emissions can be harmful to people and the environment and represent an environmental risk. Stacks from industrial processes will carry pollutants such as **SOx, NOx, particles, solvents, other dust and gases**. These can have a detrimental effect on local air quality and for this reason, such emissions are often regulated. Typically, this regulation requires measurement of the concentration of these pollutants on a regular basis, often referred to as periodic stack emission assessment. The purpose of the assessment will be to determine whether the emissions are below the limits.

As a process of complying with the requirement **The Rose Dresses Ltd., Islam Garments Ltd. & Islam Dresses Ltd.** has hired Eurosia ITC Services Ltd to assess its environmental performance, in terms of air pollution. This report focuses on the Inspection of basic Air emission parameters according to the IFC/World Bank and the Department of Environment (DoE) of Bangladesh.

3.1 Method of Sampling:

Analysis of the exhaust flue was done using direct reading instruments. So, there was no separate sampling used for this analysis. During the analysis, a standard work instruction stated in the EISL/ENV/WI/06 was followed.

4 Reference Value

Standard for Stack Emission Industries or Projects (Generators)						
Reference of Relevant Standard			SPM (mg/Nm ³)	NO _x (mg/Nm ³)	SO _x (mg/Nm ³)	O ₂ (%)
Air Pollution Control Rules 2022	Coal	New (Running After)	50	200	200	NYS
		Old (Running Before)	100	400	400	NYS
	Diesel	New (Running After)	50	200	200	NYS
		Old (Running Before)	80	400	400	NYS
	Gas	New (Running After)	NYS	200	NYS	NYS
		Old (Running Before)	NYS	400	NYS	NYS
	LPG,LNG	-	50	200	400	NYS
Parameters			SPM (mg/Nm ³)	NO _x (mg/Nm ³)	SO _x (mg/Nm ³)	O ₂ (%)
IFC/ World Bank	Gas		NYS	200 (Spark Ignition) 400 (Dual Fuel) 1600 (Compressed Ignition)	NYS	15
	Liquid		50 or up to 100	1460, 1600 & 1850	NYS	15

Reference of Relevant Standard		Standard for Stack Emission Industries or Projects (Boiler)			
Unit		SPM (mg/Nm ³)	NO _x (mg/Nm ³)	SO _x (mg/Nm ³)	O ₂ (%)
Air Pollution Control Rules 2022	Coal	250	400	250	NYS
	Gas	NYS	150	250	NYS
	Oil	200	300	250	NYS
	Husk	250	400	250	NYS
Parameters		PM (mg/Nm ³)	NO _x (mg/Nm ³)	SO _x (mg/Nm ³)	O ₂ (%)
IFC/ World Bank	Gas	NYS	320	NYS	3
	Liquid	50 or up to 150	460	2000	3
	Solid	50 or up to 150	650	2000	6

STeP-OEKO TEX STANDARD PERMISSIBLE LIMIT			
For Gas/Diesel Generator >0.3 MW			
Parameter	Minimum	Advanced	Excellent
CO (Carbon monoxide): mg/Nm ³			
Gaseous Fuel	500	250	150
Diesel Fuel	500	250	150
NO _x (Nitrogen Oxides): mg/Nm ³			
Gaseous Fuel	500	300	100
Diesel Fuel	1000	500	200
SO ₂ (Sulfur Dioxide): mg/Nm ³			
Gaseous Fuel	200	100	30
Diesel Fuel	300	400	60

Source	Parameter	Fuel Type	Foundational	Progressive	Aspirational	Concentration Units
Facility Combustion	NOx	Solid	650	300	200	mg/Nm3
		Liquid	460	250	85	
		Gas	400	150	40	
	CO	Solid	800	500	100	
		Liquid	650	400	100	
		Gas	500	300	100	
	SOx	Solid	750	650	300	
		Liquid	600	450	300	
		Gas	400	300	100	
	PM	Solid	500	300	100	
		Liquid	300	100	50	
		Gas	100	50	20	
ZDHC Air Emission Position Paper (Appendix-A) (Version 1.0, January 2021)						

4.1 Description & Result of Stack Air Emission Assessment

Key of Information	Generator - 01	Generator - 02	Generator - 03	Generator - 04
Brand	CATERPILLAR	Perkins	Cummins	Perkins
Model No.	TCG 2020 V16K/MWM	HCI544E1	C550D5E	ECO38-3LN
Serial No.	1388772	0262257/014	X12J432618	2206A-E13TAG2
Capacity	1875 KVA/1500 KW	600 KVA/480 KW	550 KVA/440 KW	400 KVA/320 KW
Source/Fuel	NG	Diesel	Diesel	Diesel
Manufacture Year	2014	2015	2019	2018
Origin of Country	Germany	UK	UK	UK
Install Location	Ground Floor	Ground Floor	Ground Floor	Ground Floor
Stack Pipe Hight	70 Feet	30 Feet	30 Feet	30 Feet
Stack Pipe Dia Size	10 inch	10 inch	10 inch	10 inch
Registration No.	N/A	N/A	N/A	N/A
Yearly Running Hour	2625 H	2625 H	2625 H	2625 H

Result of Stack Air Emission Assessment from Exhaust					
Parameter	Unit	Generator-01	Generator-02	Generator-03	Generator-04
CO ₂	V/v	5.21%	5.72%	5.62%	5.23%
O ₂		5.96%	4.23%	4.63%	4.98%
CO	(mg/Nm ³)	189	203	211	198
SO ₂		00	00	00	00
NO		73	109	97	86
NOx		114	104	113	116
SPM		16	11	17	13
PM ₁₀		11	7	9	12
PM _{2.5}		6	5	4	7

Source: Field Survey 1st February, 2025

Key of Information	Boiler - 01	Boiler - 02	Boiler - 03	Boiler - 04
Brand	Modern Election Ltd	Modern Election Ltd	Modern Election Ltd	Modern Election Ltd
Model No.	MEL 500 TL-99	MEL500TL-100N11	MEL 500TL-100N1	MEL 500TL-100N1
Serial No.	500TL-096	500TL-0286	500TL-174	500TL-083
Capacity	500 Kg/Hour	500 Kg/Hour	500 Kg/Hour	500 Kg/Hour
Source/Fuel	NG	NG	NG	NG
Manufacture Year	2013	2021	2011	2013
Origin of Country	BD	BD	BD	BD
Install Location	Ground Floor	Ground Floor	Ground Floor	Ground Floor
Stack Pipe Hight	30 Feet	30 Feet	30 Feet	70 Feet
Stack Pipe Dia Size	10 inch	10 inch	10 inch	10 inch
Registration No.	B.B. 7673	B.B. 12909	B.B. 8608	B.B. 7422

Key of Information	Boiler - 01	Boiler - 02	Boiler - 03	Boiler - 04
Yearly Running Hour	2625 H	2625 H	2625 H	2625 H

Key of Information	Boiler - 05	Boiler - 06	Boiler - 07	Boiler - 08	Boiler - 09
Brand	Modern Election Ltd	Modern Election Ltd	Modern Election Ltd	Modern Election Ltd	Modern Election Ltd
Model No.	MEL 500TL-100N-11	MEL 500TL-100N1	MEL 500TL-100N1	MEL 500TL-100N	MEL 500TL-100N1
Serial No.	500TL-0310	500TL-071	500TL-214	500TL-027	500TL-067
Capacity	500 Kg/Hour	500 Kg/Hour	500 Kg/Hour	500 Kg/Hour	500 Kg/Hour
Source/Fuel	NG	NG	NG	NG	NG
Manufacture Year	2023	2013	2017	2010	2013
Origin of Country	BD	BD	BD	BD	BD
Install Location	Ground Floor	Ground Floor	Ground Floor	Ground Floor	Ground Floor
Stack Pipe Hight	70 Feet	30 Feet	30 Feet	30 Feet	70 Feet
Stack Pipe Dia Size	10 inch	10 inch	10 inch	10 inch	10 inch
Registration No.	B.B. 14177	B.B. 7418	B.B. 9896	B.B. 6409	B.B. 7419
Yearly Running Hour	2625 H	2625 H	2625 H	2625 H	2625 H

Result of Stack Air Emission Assessment from Exhaust					
Parameter	Unit	Boiler-01	Boiler -02	Boiler -03	Boiler -04
CO ₂	V/v	5.32%	5.632%	5.82%	5.73%
O ₂		5.86%	4.33%	4.93%	4.58%
CO	(mg/Nm ³)	198	213	218	206
SO ₂		00	00	00	00
NO		78	118	108	104
NOx		109	108	103	113
SPM		14	12	19	16
PM ₁₀		10	8	6	12
PM _{2.5}		2	3	3	3

Parameter	Unit	Boiler-05	Boiler -06	Boiler -07	Boiler -08	Boiler -09
CO ₂	V/v	5.43%	5.82%	5.66%	5.63%	5.29%
O ₂		5.46%	4.83%	5.03%	5.89%	4.74%
CO	(mg/Nm ³)	199	213	205	196	192
SO ₂		00	00	00	00	00
NO		77	113	103	96	92
NOx		106	109	103	114	118
SPM		15	16	11	13	10
PM ₁₀		9	7	11	8	12
PM _{2.5}		2	3	3	2	3

Source: Field Survey 1st February, 2025

5. Result of Yearly Air Emission Inventory of Stack Air Assessment

Key Information of Point Sources	Generator-01	Generator-02	Generator-03	Generator-04
Flue Temperature (°C)	378	262	369	388
Air Velocity (m/s)	5.3	4.5	5.1	4.9

Key Information of Point Sources	Boiler-01	Boiler-02	Boiler-03	Boiler-04	Boiler-05	Boiler-06	Boiler-07	Boiler-08	Boiler-09
Flue Temperature (°C)	378	321	316	352	262	348	369	369	388
Air Velocity (m/s)	5.3	4.9	4.7	5.2	4.5	5.2	5.1	4.5	4.9

Point Source Air Emission Inventory for Generator-01						
Parameters	Pollutant Value	Unit	Air Flow Rate (m/s)	Air Flow Change in Year	Total Air Pollutant (Kg)	Remarks
CO ₂	5.21%	V/v	5.3	56328.074	8.310116-05	Acceptable
O ₂	5.96%				9.506384-05	
CO	189	0.301460822				
SO ₂	0	0				
NO	73	0.116437249				
NO _x	114	0.181833512				
SPM	16	0.025520493				
PM ₁₀	11	0.017545339				
PM _{2.5}	6	0.009570185				
Point Source Air Emission Inventory for Generator-02						
Parameters	Pollutant Value	Unit	Air Flow Rate (m/s)	Air Flow Change in Year	Total Air Pollutant (Kg)	Remarks
CO ₂	5.72%	V/v	4.5	155643.36	0.000252099	Acceptable
O ₂	4.23%				0.00018643	
CO	203	0.894686358				
SO ₂	0	0				
NO	109	0.480398094				
NO _x	104	0.458361484				
SPM	11	0.048480542				
PM ₁₀	7	0.030851254				
PM _{2.5}	5	0.02203661				

Point Source Air Emission Inventory for Generator-03

Parameters	Pollutant Value	Unit	Air Flow Rate (m/s)	Air Flow Change in Year	Total Air Pollutant (Kg)	Remarks
CO ₂	5.62%	V/v	5.1	176395.81	0.000280717	Acceptable
O ₂	4.63%				0.000231267	
CO	211	(mg/Nm ³)			1.053937591	
SO ₂	0				0	
NO	97				0.484511594	
NO _x	113				0.564431032	
SPM	17				0.084914403	
PM ₁₀	9				0.044954684	
PM _{2.5}	4				0.01997986	

Point Source Air Emission Inventory for Generator-04

Parameters	Pollutant Value	Unit	Air Flow Rate (m/s)	Air Flow Change in Year	Total Air Pollutant (Kg)	Remarks
CO ₂	5.23%	V/v	4.9	84.17514	0.000250992	Acceptable
O ₂	4.98%				0.000238994	
CO	198	(mg/Nm ³)			0.950218614	
SO ₂	0				0	
NO	86				0.412721216	
NO _x	116				0.556693734	
SPM	13				0.062388091	
PM ₁₀	12				0.057589007	
PM _{2.5}	7				0.033593587	

Point Source Air Emission Inventory for Boiler-01

Parameters	Pollutant Value	Unit	Air Flow Rate (m/s)	Total Air Pollutant (Kg)	Remarks
CO ₂	5.32%	V/v	5.3	0.000276153	Acceptable
O ₂	5.86%			0.000304184	
CO	198	1.027787481			
SO ₂	0	0			
NO	78	0.404885977			
NO _x	109	0.565802199			
SPM	14	0.072671842			
PM ₁₀	10	0.051908459			
PM _{2.5}	2	0.010381692			

Point Source Air Emission Inventory for Boiler-02

Parameters	Pollutant Value	Unit	Air Flow Rate (m/s)	Air Flow Change in Year	Total Air Pollutant (Kg)	Remarks
CO ₂	5.63%	V/v	4.9	169478.33	0.000270284	Acceptable
O ₂	4.33%				0.0002078	
CO	213	(mg/Nm ³)			1.022204873	
SO ₂	0				0	
NO	118				0.566291902	
NO _x	108				0.518301062	
SPM	12				0.057589007	
PM ₁₀	8				0.038392671	
PM _{2.5}	3				0.014397252	

Point Source Air Emission Inventory for Boiler-03

Parameters	Pollutant Value	Unit	Air Flow Rate (m/s)	Air Flow Change in Year	Total Air Pollutant (Kg)	Remarks
CO ₂	5.82%	V/v	4.7	162560.84	0.000267906	Acceptable
O ₂	4.93%				0.000226938	
CO	218	1.00349824				
SO ₂	0	0				
NO	108	0.497145917				
NO _x	103	0.474129902				
SPM	19	0.087460856				
PM ₁₀	6	0.027619218				
PM _{2.5}	3	0.014397252				

Point Source Air Emission Inventory for Boiler-04

Parameters	Pollutant Value	Unit	Air Flow Rate (m/s)	Air Flow Change in Year	Total Air Pollutant (Kg)	Remarks
CO ₂	5.73%	V/v	5.2	179854.55	0.000291823	Acceptable
O ₂	4.58%				0.000233255	
CO	206	(mg/Nm ³)			1.049138507	
SO ₂	0				0	
NO	104				0.529662159	
NO _x	113				0.575498307	
SPM	16				0.081486486	
PM ₁₀	12				0.061114865	
PM _{2.5}	3				0.014397252	

Point Source Air Emission Inventory for Boiler-05

Parameters	Pollutant Value	Unit	Air Flow Rate (m/s)	Air Flow Change in Year	Total Air Pollutant (Kg)	Remarks
CO ₂	5.43%	V/v	4.5	155643.36	0.000239318	Acceptable
O ₂	5.46%				0.00024064	
CO	199	(mg/Nm ³)			0.87705707	
SO ₂	0				0	
NO	77				0.339363791	
NO _x	106				0.467176128	
SPM	15				0.066109829	
PM ₁₀	9				0.039665898	
PM _{2.5}	2				0.008814644	

Point Source Air Emission Inventory for Boiler-6

Parameters	Pollutant Value	Unit	Air Flow Rate (m/s)	Air Flow Change in Year	Total Air Pollutant (Kg)	Remarks
CO ₂	5.82%	V/v	5.2	179854.55	0.000296407	Acceptable
O ₂	4.83%				0.000245987	
CO	213	(mg/Nm ³)			1.084788845	
SO ₂	0				0	
NO	113				0.575498307	
NO _x	109				0.555126686	
SPM	16				0.081486486	
PM ₁₀	7				0.035650338	
PM _{2.5}	3				0.015278716	

Point Source Air Emission Inventory for Boiler-7

Point Source Air Emission Inventory for Boiler-7						
Parameters	Pollutant Value	Unit	Air Flow Rate (m/s)	Air Flow Change in Year	Total Air Pollutant (Kg)	Remarks
CO ₂	5.66%	V/v	5.1	176395.81	0.000282715	Acceptable
O ₂	5.03%				0.000251247	
CO	205	(mg/Nm ³)			1.023967802	
SO ₂	0				0	
NO	103				0.514481383	
NO _x	103				0.514481383	
SPM	11				0.054944614	
PM ₁₀	11				0.054944614	
PM _{2.5}	3				0.014984895	

Point Source Air Emission Inventory for Boiler-8

Point Source Air Emission Inventory for Boiler-8						
Parameters	Pollutant Value	Unit	Air Flow Rate (m/s)	Air Flow Change in Year	Total Air Pollutant (Kg)	Remarks
CO ₂	5.63%	V/v	4.5	155643.36	0.000248132	Acceptable
O ₂	5.89%				0.000259591	
CO	196	(mg/Nm ³)			0.863835104	
SO ₂	0				0	
NO	96				0.423102908	
NO _x	114				0.502434703	
SPM	13				0.057295185	
PM ₁₀	8				0.035258576	
PM _{2.5}	2				0.00998993	

Point Source Air Emission Inventory for Boiler-9

Parameters	Pollutant Value	Unit	Air Flow Rate (m/s)	Air Flow Change in Year	Total Air Pollutant (Kg)	Remarks
CO ₂	5.29%	V/v	4.9	169478.33	0.000253872	Acceptable
O ₂	4.74%				0.000227477	
CO	192	0.921424111				
SO ₂	0	0				
NO	92	0.44151572				
NO _x	118	0.566291902				
SPM	10	0.047990839				
PM ₁₀	12	0.057589007				
PM _{2.5}	3	0.014397252				

Summary For Generators					
Parameters	Generator-1	Generator-2	Generator-3	Generator-4	Total Emissions (Kg)
CO ₂	8.310116-05	0.000252099	0.000280717	0.000250992	0.000783808
O ₂	9.506384-05	0.00018643	0.000231267	0.000238994	0.000656691
CO	0.301460822	0.894686358	1.053937591	0.950218614	3.200303385
SO ₂	0	0	0	0	0
NO	0.116437249	0.480398094	0.484511594	0.412721216	1.494068153
NO _x	0.181833512	0.458361484	0.564431032	0.556693734	1.761319762
SPM	0.025520493	0.048480542	0.084914403	0.062388091	0.221303529
PM ₁₀	0.017545339	0.030851254	0.044954684	0.057589007	0.150940284
PM _{2.5}	0.009570185	0.02203661	0.01997986	0.033593587	0.085180242

Summary For Boilers										
Parameters	Boiler-1	Boiler-2	Boiler-3	Boiler-4	Boiler-5	Boiler-6	Boiler-7	Boiler-8	Boiler-9	Total Emissions (Kg)
CO ₂	0.000276 153	0.000270 284	0.000267 906	0.000291 823	0.000239 318	0.000296 407	0.000282 715	0.000248 132	0.00025387 2	0.00242661
O ₂	0.000304 184	0.000207 8	0.000226 938	0.000233 255	0.000240 64	0.000245 987	0.000251 247	0.000259 591	0.00022747 7	0.002197119
CO	1.027787 481	1.022204 873	1.003498 24	1.049138 507	0.877057 07	1.084788 845	1.023967 802	0.863835 104	0.92142411 1	8.873702033
SO ₂	0	0	0	0	0	0	0	0	0	0
NO	0.404885 977	0.566291 902	0.497145 917	0.529662 159	0.339363 791	0.575498 307	0.514481 383	0.423102 908	0.44151572	4.291948064
NO _x	0.565802 199	0.518301 062	0.474129 902	0.575498 307	0.467176 128	0.555126 686	0.514481 383	0.502434 703	0.56629190 2	4.739242272
SPM	0.072671 842	0.057589 007	0.087460 856	0.081486 486	0.066109 829	0.081486 486	0.054944 614	0.057295 185	0.04799083 9	0.607035144
PM ₁₀	0.051908 459	0.038392 671	0.027619 218	0.061114 865	0.039665 898	0.035650 338	0.054944 614	0.035258 576	0.05758900 7	0.402143646
PM _{2.5}	0.010381 692	0.014397 252	0.014397 252	0.014397 252	0.008814 644	0.015278 716	0.014984 895	0.009989 93	0.01439725 2	0.117038885

5. Pictorial View of Stack/Point Source Emission



5. BAB Certificate



ACCREDITATION CERTIFICATE

Issued under the authority of Bangladesh Accreditation Act, 2006
by Bangladesh Accreditation Board (BAB), Ministry of Industries to

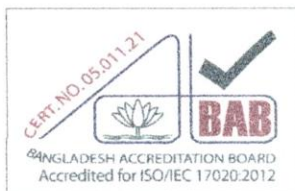
Eurosia ITC Services Ltd.

Haveily Center (4th Floor), KA -11/2/A, Jagannathpur
Bashundhara Road, Vatara, Dhaka – 1229, Bangladesh

This is to certify that this
Inspection Body (Type-A)
is accredited in accordance with the international standard
ISO/IEC 17020:2012
in respect of the associated scope, subject to the terms and
conditions governing the relevant conformity assessment
body (CAB) accreditation.

Certificate Number	: 05.011.21
Accreditation Date	: 16 June 2021
Date of Issuance	: 18 Aug 2024 (1st Renewal)
Date of Expiration	: 15 June 2027





Md. Anwarul Alam
Md. Anwarul Alam
Director General

This certificate must be returned on request; reproduction must follow BAB guidelines. For the specific
scopes to which this accreditation applies, please refer to the Directory of CABs at BAB website.

6. Comments and Recommendation:

The Rose Dresses Ltd., Islam Garments Ltd. & Islam Dresses Ltd. has hired Eurosia ITC Services Ltd. to inspect their stack air emission. Eurosia has inspected all the required air quality parameters according to the ECR, STeP-OEKO TEX and the IFC/World Bank emission standard. According to the inspection result the findings are given below:

- Nitrogen Oxide emission from the generators are in compliance with the DoE emission limit and the IFC/World Bank standard.

However, the proponent needs to consider that the concentration of parameters presented in this report is instantaneous data which had found during inspection and may vary over the period of time.

Obtaining above results, for further improvement recommendations are given below:

- ✓ Periodic maintenance of utilities according to manufacturer's instruction
- ✓ Installation of on-site abatement measures to control the emission level.
- ✓ Control air-fuel mixing ratio and excess air to reduce nitrogen oxide emission.
- ✓ Project has to check Air emission quality periodically.

The project is suggested to assess the Stack Air Emission Quality once annually at least if all other setups are constant.

7. Conclusion:

Stack Air Emission Assessment has been carried out to evaluate the surrounding environmental condition of **The Rose Dresses Ltd., Islam Garments Ltd. & Islam Dresses Ltd.** with the highest accuracy and sincerity. A company's production is greatly affected by its management, workers' efficiency, its environment, etc. To ensure a working environment, conducting Stack Air Emission Assessment at regular intervals is essential and **Eurosia ITC Services Ltd** is appointed by **The Rose Dresses Ltd., Islam Garments Ltd. & Islam Dresses Ltd.** managerial body to perform Stack/Point Source Emission Test Report from Generator Exhaust. The overall condition of this test carried out is satisfactory and justifies the working environment is good.