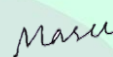


General Information	
Report Issuing to-	Chorka Textile Limited
Project Address	Olipur, Shayestagonj, Habiganj
Date of Inspection	14 th March, 2026
Date of Report Issue	15 th April, 2026
Date of Expiration	14 th April, 2027
Inspection Time	9:00 AM - 4:30 PM
Report Identification	Ambient Air Quality Assessment Report
Report & Reference No.	EISL/ENV. /EPT/26/00051-2
Prepared By	Reviewed By
 Md. Fahim Shariar Rizvee Diploma in Environmental Technology Environmental Inspector EUROSIA ITC SERVICES LTD.	 Md. Masud - Un - Noby B.Sc. & MS in Environmental Science Technical Manager EUROSIA ITC SERVICES LTD.
Approved By	
 Md. Mahbubur Rahaman Managing Director EUROSIA ITC SERVICES LTD.	

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Acknowledgment

Eurosia ITC Services Ltd. (EISL) is honored to have this opportunity for conducting the Environmental Parameter Test (EPT) of **Chorka Textile Limited Eurosia ITC Services Ltd. (EISL)** expresses its gratitude to the Managing Director for the responsibility of conducting the Environmental Parameter Test (EPT) of **Chorka Textile Limited** 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,

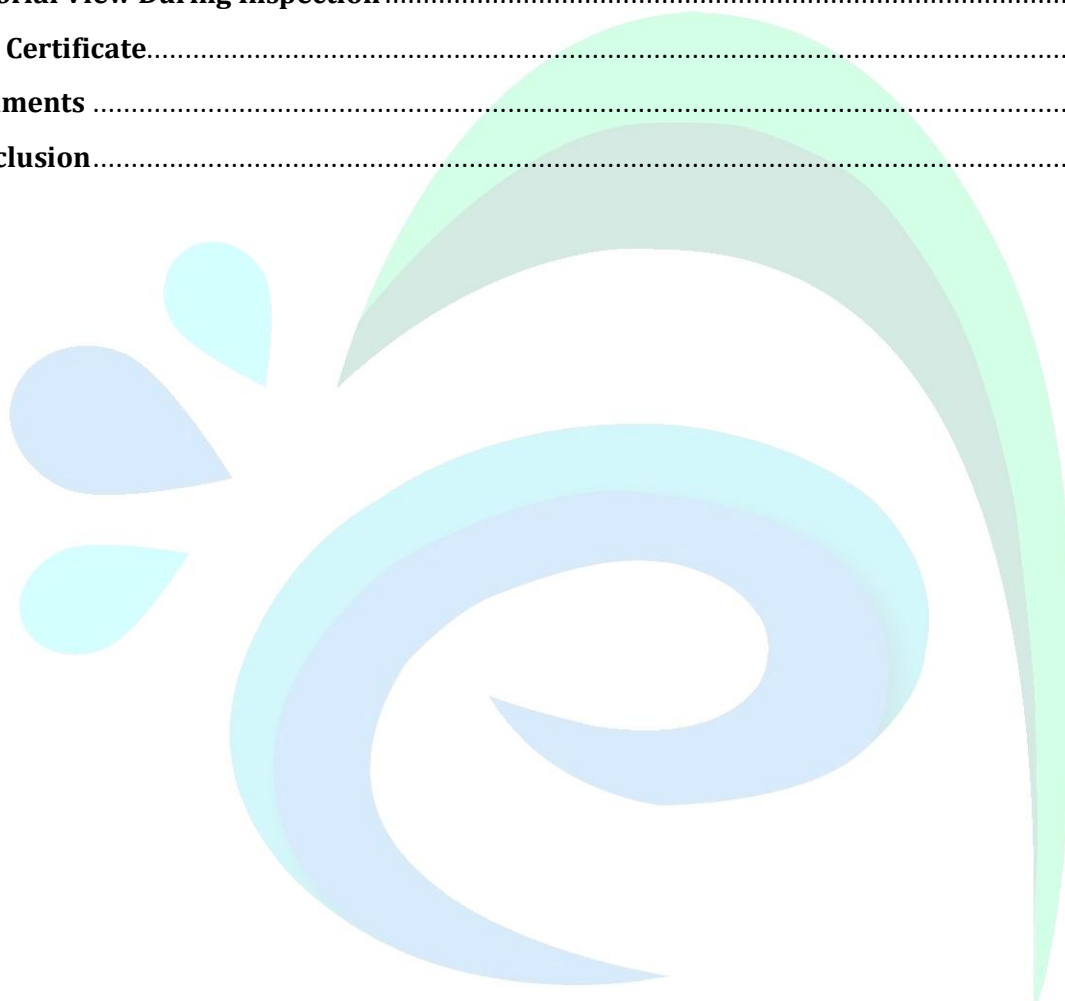
Md. Mahbubur Rahaman

Managing Director

Eurosia ITC Services Ltd. (EISL)

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1 Environmental Inspection Summary

Inspection Item	Equipment	Measuring Range	Accuracy	Comment
Air Quality	Combined Sampler, Model: APM 250;	Particulate Sampling: SPM collection in filter paper (collection efficiency for 0.3 μ m 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	See the result
	Formaldehyde Detector, Model: WP6330S.	CO₂: 0.000~3.333 mg/m ³ HCHO: 0.000~1.333 mg/m ³ TVOC: 0.000~3.333 mg/m ³ PM₁₀, PM_{2.5}, PM_{1.0}: 0.000~1.333 mg/m ³	± 2%	

2 Introduction

Ambient Air Quality (AAQ) is a term which refers to the air quality within and around buildings and structures, especially as it relates to the health and comfort of building occupants. AAQ can be affected by gases (including carbon monoxide, radon, volatile organic compounds), particulates, microbial contaminants (mold, bacteria), or any mass or energy stressor that can induce adverse health conditions. Source control, filtration and the use of ventilation to dilute contaminants are the primary methods for improving ambient air quality. Residential units can further improve ambient air quality by routine cleaning of carpets and area rugs.

Determination of AAQ involves the collection of air samples, monitoring human exposure to pollutants, collection of samples on building surfaces, and computer modeling of air flow inside buildings.

AAQ is part of indoor environmental quality (IEQ), which includes IAQ as well as other physical and psychological aspects of life indoors (e.g., lighting, visual quality, acoustics, and thermal comfort).

EUROSIA ITC SERVICES LTD (EISL) has been hired to inspect the ambient air quality **Chorka Textile Limited** EISL has covered different points around the premises for the inspection of the ambient air quality and generated the report according to the condition of the area.

In this report, ambient air quality has been checked four locations adjacent to the factory infrastructure and within the facility premises. For different locations the results have been stated as an average of our collected ambient air quality data.

2.1 Method of Sampling

Analysis of the indoor air quality 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/SOP-001) was followed.

Relevant Standards for Ambient Air Quality							
SN	Parameters	Unit	Duration	Bangladesh	NAAQS	WHO	IFC/WB
1	PM ₁₀	µg/m ³	24-hr	150	100	150 (Interim Target -1) 100 (Interim Target - 2) 75 (Interim Target - 3) 50 (Interim Target - 4) 45 (Guideline)	150 (Interim Target-I) 100 (Interim Target-2) 75 (Interim Target-3) 50 (Guideline)
		µg/m ³	Annual	50	60	70 (Interim Target -1) 50 (Interim Target - 2) 30 (Interim Target - 3) 20 (Interim Target - 4) 15 (Guideline)	70 (Interim Target-I) 50 (Interim Target-2) 30 (Interim Target-3) 20 (Guideline)
2	PM _{2.5}	µg/m ³	24-hr	65	60	75 (Interim Target -1) 50 (Interim Target - 2) 37.5 (Interim Target-3) 25 (Interim Target - 4) 15 (Guideline)	75 (Interim Target-1) 50 (Interim Target-2) 37.5 (Interim Target-3) 25 (Guideline)
		µg/m ³	Annual	35	40	35 (Interim Target -1) 25 (Interim Target - 2) 15 (Interim Target - 3) 10 (Interim Target-4) 5 (Guideline)	35 (Interim Target-1) 25 (Interim Target-2) 15 (Interim Target-3) 10 (Guideline)
3	SO ₂	µg/m ³	1-hr	250	-	-	-
		µg/m ³	10-m	-	-	-	20 (Guideline) 500 (Guideline)
		µg/m ³	24-hr	80	80	125 (Interim Target -1) 50 (Interim Target-2) 40 (Guideline)	125 (Interim Target-I) 50 (Interim Target-2)
		µg/m ³	Annual	-	50	-	-
4	NO ₂	µg/m ³	24-hr	80	80	120 (Interim Target-1) 50 (Interim Target - 2) 25 (Guideline)	-
		µg/m ³	1-hr	-	-	-	200 (Guideline)
		µg/m ³	Annual	40	40	40 (Interim Target -1) 30 (Interim Target - 2) 20 (Interim Target - 3) 10 (Guideline)	40 (Guideline)
5	CO	µg/m ³	1-hr	20,000	4000	-	-
		µg/m ³	8-hr	5,000	2000	-	-
		µg/m ³	24-hr	-	-	7000 (Interim Target-1) 4000 (Guideline)	-
6	O ₃	µg/m ³	1-hr	180	180	-	-
		µg/m ³	8-hr	100	100	-	160 (Interim Target-1) 100 (Guideline)
7	Pb	µg/m ³	24-hr	0.50	1.0	-	-
		µg/m ³	Annual	0.25	.50	-	-
8	NH ₃	µg/m ³	24-hr	400	400	-	-
			Annual	100	100	-	-

3 Ambient Air Quality Assessment Report

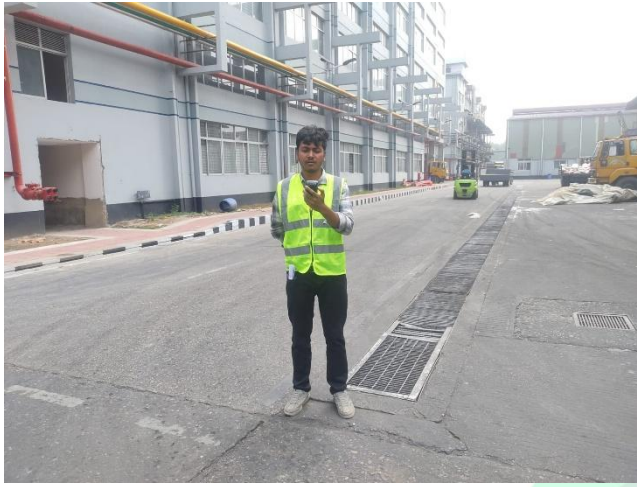
Parameter	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	O ₃	Pb	CO	NH ₃
Location	µg/m ³								
North-East Corner	98	89	58	74	68	83	0.00	188	93
South-East Corner	94	86	56	67	65	77	0.00	186	88
North- West Corner	96	85	57	63	67	76	0.00	184	95
South-West Corner	97	87	52	62	69	75	0.00	187	84
Bangladesh Ambient Air Quality Standards (APCR) 2022	NYS	150 µg/m ³ (24- hour average)	65 µg/m ³ (24-hour average)	80 µg/m ³ (24- hour average)	80 µg/m ³ (24- hour average)	100 µg/m ³ (8 hours average)	0.50 µg/m ³ (8 hours average)	5 mg/m ³ 5000 µg/m ³ (8 hours average)	400 µg/m ³ (8 hours average)
National Ambient Air Quality Standards (NAAQS) 2009	NYS	100 µg/m ³ (24- hour average)	60 µg/m ³ (annual average)	80 µg/m ³ (24- hour average)	80 µg/m ³ (24- hour average)	100 µg/m ³ (8 hours average)	1.0 µg/m ³ (8 hours average)	2 mg/m ³ 32000 µg/m ³ (8 hours average)	400 µg/m ³ (8 hours average)
IFC/World Bank Standard-2007 (IT-I)	NYS	150 µg/m ³ (24- hour average)	75 µg/m ³ (24- hour average)	200 µg/m ³ (1- hour average)	125 µg/m ³ (24- hour average)	160 µg/m ³ (8 hours average)	NYS	NYS	NYS
World Health Organization (WHO) 2021 (I T- I)	NYS	150 µg/m ³ (24- hour average)	75 µg/m ³ (24- hour average)	120 µg/m ³ (24- hour average)	125 µg/m ³ (24- hour average)	160 µg/m ³ (8 hours average)	NYS	7 mg/m ³ 7000 µg/m ³ (8 hours average)	NYS

Source: Field Survey on 14th March, 2026

****Abbreviations:** CO=Carbon Monoxide; CO₂=Carbon dioxide; O₂=Oxygen; PM₁₀=Particulate Matter 10; PM_{2.5}= Particulate Matter 2.5; VOC=Volatile organic compound, NYS= Not Yet Set, B=Building, (SPM). Not Found (NF).

4 Pictorial View During Inspection

V



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





18.08.2024
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

Eurosia ITC Services Ltd. has adopted the APCR,2022 guidelines for inspection ambient air quality of **Chorka Textile Limited**. During inspection, it has been found that all the parameters were within the standard limit, given by APCR,2022. As standard limit for SPM, CO₂ and VOC has not yet set in the APCR,2022 therefore, it was not possible to conclude whether these parameters were within or exceeded the limit.

7 Conclusion

Air Quality Assessment has been carried out to evaluate the surrounding environmental condition of **Chorka Textile Limited** with the highest accuracy and sincerity. A company's production is greatly affected by its management, workers' efficiency, its environment, etc. To ensure the working environment, conducting Air Quality Assessment at regular intervals is essential and **Eurosia ITC Services Ltd.** is appointed by the **Chorka Textile Limited** managerial body to perform Air Quality Assessment. The overall condition of this test carried out is satisfactory and justifies the working environment is good.