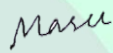


General Information	
Report Issuing to-	Chorka Textile Limited
Project Address	Olipur, Shayestagonj, Habiganj
Date of Inspection	14 th March, 2026
Date of Report Issue	15 th April, 2026
Date of Expiration	14 th April, 2027
Inspection Time	9:00 AM - 4:30 PM
Report Identification	Indoor Workplace Temperature & Humidity Level Assessment
Report & Reference No.	EISL/ENV. /EPT/26/00051-6
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 Chairman EUROSIA ITC SERVICES LTD.	

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Acknowledgment

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

Eurosia ITC Services Ltd. (EISL)

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1 Environmental Inspection Summery

Inspection Item	Equipment	Measuring Range	Accuracy	Comment
Temperature & Humidity Level Assessment	Humidity & Temperature Meter Brand: Smart Sensor Model: As-837	-10°C~ °C 5%RH~38%RH	±1.5 °C ±5%RH (5~40%) ±3%RH (41%~80%)	See the Result

2 Introduction

Humidity and Temperature level is measured together to understand the comfort level of the work environment. If the temperature rises too high along with the high humidity, then the work environment becomes more uneven for working and other operational condition. Along with the performance and longevity of certain machinery depends on the relation between Humidity and Temperature.

Eurosia ITC Services Ltd has been hired to test the temperature & humidity level of **Chorka Textile Limited** EUROSIA covered all the production sections for testing the temperature & humidity level and generated a report according to the activity occupancy of the area.

In this report Temperature & Humidity level has been checked for all the production sections of the building.

2.1 Method of Analysis

Inspection of indoor temperature and humidity level was done using direct reading instruments. During the analysis, a standard work instruction stated in the (EISL/Env/SOP-005) was followed.

3 Recommendation and Reference Value

Comparative standard	Temperature	Humidity
OSHA Standard	26°C – 35°C	-
Czech Republic (Work class I)	-	30 - 70%
ASHARE Standard 55- 2010	✓ According to National Joint Council in Part II - Permanent Structures and Safe Occupancy of the Workplace [Section 2.2(b) Environmental Conditions]- > 40°C is considered to be an unsatisfactory condition (In those cases, operations shall be stopped and employees released from the workplace if relocation is not practicable.)	✓ Relative Humidity level 30% to 70% is considered to be a satisfactory Condition

4 Result compared to following standard

Sl. No.	Assessment Area			Weather Condition	Assessment Status			
	Building	Floor	Section/Process		Temperature (°C)	Remarks	Humidity (RH %)	Remarks
01	HIP-CTL-1	G. Floor	Dyeing Section	Sunny	27.4	√	51.2	√
02			Finishing Section	Sunny	27.6	√	53.8	√
03			Quality Section	Sunny	26.8	√	56.5	√
04			R and D Section	Sunny	26.5	√	54.6	√
05			Delivery Section	Sunny	27.6	√	55.6	√
06			Sub-Chemical Store	Sunny	25.4	√	58.4	√
07		MZ Floor	Dyeing QC Lab	Sunny	24.7	√	61.5	√
08		1 st Floor	Administrative Office	Sunny	24.4	√	58.7	√
09			Conference Room	Sunny	24.8	√	59.8	√
10			R and D Display Room	Sunny	24.7	√	57.4	√
11		2 nd Floor	Prayer Space	Sunny	26.9	√	53.3	√
12			Finished Fabrics batching Section	Sunny	26.7	√	53.7	√
13			Dining Room	Sunny	27.2	√	52.4	√
14		3 rd Floor	Finished Fabrics batching Section	Sunny	27.4	√	53.2	√
15	HIP-CTL-5	G. Floor	Dyeing Section	Sunny	27.8	√	55.2	√
16			Batch Section	Sunny	26.4	√	56.3	√
17			Finished Section	Sunny	27.5	√	51.7	√
18			Maintenance Section	Sunny	27.8	√	50.8	√
19			Sub-Chemical Store	Sunny	25.8	√	54.8	√
20		MZ Floor	Batching Section	Sunny	27.6	√	55.5	√
21		1 st Floor	Finishing Section	Sunny	27.8	√	55.9	√
22			Quality Section	Sunny	26.3	√	50.4	√
23			GPQ Section	Sunny	26.8	√	52.4	√
24		2 nd Floor	All Over Printing Section	Sunny	26.4	√	54.7	√
25		3 rd Floor	Finishing Section	Sunny	27.6	√	51.8	√
26	Hlp-CTL-3	1 st Floor	Continuous pad pad (CPP) Dyeing	Sunny	27.3	√	58.9	√
27		MZ Floor	Conference Room-2	Sunny	24.5	√	61.9	√
28			Prayer Room-2	Sunny	25.6	√	60.3	√
29		1 st Floor	Yarn Store	Sunny	26.9	√	57.8	√
30		2 nd Floor	Yarn Store	Sunny	26.8	√	56.7	√

Source: Field Survey on 14th March, 2026

****Abbreviations:** DoE=Department of Environment; EPA=Environmental Protection Agency; WHO=World Health Organization.

Sl. No.	Assessment Area			Weather Condition	Assessment Status			
	Building	Floor	Section/Process		Temperature (°C)	Remarks	Humidity (RH %)	Remarks
31	Hlp-CTL-3	3 rd Floor	Yarn Store	Sunny	25.8	√	57.3	√
32	HIP-CTL	G. Floor	Yarn Store	Sunny	26.5	√	54.6	√
33			Grey Fabrics Store	Sunny	27.3	√	52.7	√
34			Chemical Warehouse	Sunny	25.6	√	61.8	√
35			Grey Fabrics Store	Sunny	25.8	√	59.7	√
36		1 st Floor	Knitting Section	Sunny	24.8	√	61.7	√
37		2 nd Floor	Knitting Section	Sunny	24.6	√	59.9	√
38		3 rd Floor	Grey Fabrics Store	Sunny	25.7	√	57.8	√
39	HIP-CTL-Dyeing	G. Floor	Water Treatment Plant	Sunny	26.3	√	55.7	√
40	HIP-Pran-Boiler	G. Floor	Steam Generation Boiler	Sunny	27.7	√	50.8	√
41	HIP-Pran-power	G. Floor	Electricity Generation and Distributor	Sunny	27.5	√	51.6	√
42	HIP-Pran-compressor	G. Floor	Air Supply Compressor Room	Sunny	26.6	√	53.6	√
43	HIP-Pran-ETP	G. Floor	Biological ETP	Sunny	26.4	√	56.7	√
44			ETP Lab	Sunny	24.3	√	58.3	√
45			Sludge Storage	Sunny	27.7	√	54.8	√
46	HIP-Pran-ETP	G. Floor	Biological ETP	Sunny	26.4	√	52.5	√
47		1 st Floor	ETP Lab	Sunny	24.8	√	57.8	√
48		G. Floor	Sludge Storage	Sunny	27.3	√	50.4	√
49	HIP-Pran-Chemical Shed	G. Floor	Chemical Shed	Sunny	26.7	√	53.7	√
50	HIP-Pran-Non- Shed	G. Floor	Non-Hazardous Wastage Shed	Sunny	27.8	√	51.6	√
51	HIP-Pran-sub	G. Floor	Sub Station	Sunny	25.4	√	58.8	√
52	HIP-Pran-compressor room	G. Floor	Fire detection System panel Room	Sunny	25.3	√	56.9	√
53	HIP-Pran-ETP	G. Floor	Fire protection System pump Room	Sunny	26.4	√	56.2	√
54	HIP-Pran-Hazardous	G. Floor	Hazardous Wastage Shed	Sunny	27.3	√	54.3	√

Source: Field Survey on 14th March, 2026

****Abbreviations:** DoE=Department of Environment; EPA=Environmental Protection Agency; WHO=World Health Organization.

Sl. No.	Assessment Area			Weather Condition	Assessment Status			
	Building	Floor	Section/Process		Temperature (°C)	Remarks	Humidity (RH %)	Remarks
55	HIP-Pran-RFL-Sun health care	G. Floor	Medical Centre	Sunny	24.8	√	57.3	√
56	HIP-Pran-Cs-Child Care	G. Floor	Child care Room	Sunny	26.6	√	56.8	√
57	HIP-Pran-Cs Canteen	G. Floor	CS Canteen	Sunny	27.3	√	52.7	√
58	HIP-Pran-Cs-Worker Dormitory	G. Floor	CS Dormitory	Sunny	26.7	√	53.4	√
59	CTL Main Building	G. Floor	Yarn Dyeing	Sunny	27.6	√	52.7	√
60			Nylon Dyeing	Sunny	27.8	√	52.7	√
61			Hydro Room	Sunny	26.6	√	54.5	√
62			RF Dyeing	Sunny	26.5	√	53.4	√
63			Box Dyeing	Sunny	27.3	√	52.7	√
64			Dye Room	Sunny	26.7	√	51.8	√
65			SP Conning	Sunny	26.5	√	52.6	√
66			Hard Winding	Sunny	27.6	√	53.2	√
67			Continues Dyeing	Sunny	27.8	√	52.7	√
68			Distribution Area	Sunny	26.3	√	55.3	√
69			Finished Goods Assembly Area	Sunny	27.7	√	55.8	√
70		M.Z Floor	Lab Dyeing Section	Sunny	24.4	√	62.5	√
71			Dyeing House Office	Sunny	24.3	√	59.8	√
72			Maintenance Office	Sunny	26.7	√	56.4	√
73			Continues Dyeing Office	Sunny	26.7	√	54.6	√
74		1 st Floor	Crochet Section	Sunny	27.6	√	55.4	√
75			Needle loom Section	Sunny	26.5	√	56.8	√
76			Prayer Room	Sunny	26.3	√	57.9	√
77			Elastic Section office	Sunny	26.4	√	56.2	√
78			Conference Room	Sunny	24.3	√	59.3	√
79			Distribution and Store Control Room	Sunny	26.5	√	56.4	√

Source: Field Survey on 14th March, 2026

****Abbreviations:** DoE=Department of Environment; EPA=Environmental Protection Agency; WHO=World Health Organization.

Sl. No.	Assessment Area			Weather Condition	Assessment Status			
	Building	Floor	Section/Process		Temperature (°C)	Remarks	Humidity (RH %)	Remarks
80	CTL Main Building	1 st Floor	Jacquard Section	Sunny	24.3	√	62.3	√
81			Mini Ware House	Sunny	26.7	√	57.4	√
82		2 nd Floor	Soft Winding Section	Sunny	26.9	√	56.4	√
83			Hard Winding Section	Sunny	27.4	√	54.3	√
84			Covering Section	Sunny	27.3	√	54.2	√
85			Drawstring Section	Sunny	26.5	√	56.5	√
86			Braiding Section	Sunny	27.6	√	51.2	√
87			Warping Section	Sunny	27.3	√	53.4	√
88			Elastic Finishing	Sunny	27.5	√	54.3	√
89			Packing Section	Sunny	26.9	√	55.4	√
90			Women Canteen	Sunny	27.5	√	56.2	√
91			Male Canteen	Sunny	27.8	√	57.6	√
92		3 rd Floor	Warehouse Area	Sunny	26.7	√	54.3	√
93			FG Area	Sunny	27.6	√	50.8	√
94	Utility Building	G. Floor	Generator Room	Sunny	27.8	√	54.7	√
95			HT Room	Sunny	25.6	√	56.4	√
96			LT Panel Sub-Station	Sunny	24.6	√	60.8	√
97			Transformer Room	Sunny	26.7	√	54.5	√
98	HRM Service Building	G. Floor	Waiting Section	Sunny	25.6	√	56.6	√
99			Doctor's Room	Sunny	26.7	√	56.5	√
100			Child Care Center	Sunny	26.5	√	57.6	√
101			Dry Canteen	Sunny	27.6	√	52.4	√
102			ETP Area	Sunny	27.7	√	51.3	√
103	Chemical Building	G. Floor	Chemical Room	Sunny	26.2	√	56.7	√
104	Chemical Shed	G. Floor	Chemical Area	Sunny	27.6	√	53.9	√
105	Building-25	Roof Top	Dining Area	Sunny	27.6	√	54.6	√
106		3 rd Floor	Store	Sunny	26.5	√	56.7	√
107		2 nd Floor	Hard Winding Section	Sunny	27.4	√	51.8	√
108			Cotton Area	Sunny	27.8	√	53.7	√
109			Hard Rolling Section	Sunny	26.4	√	58.7	√

Source: Field Survey on 14th March, 2026

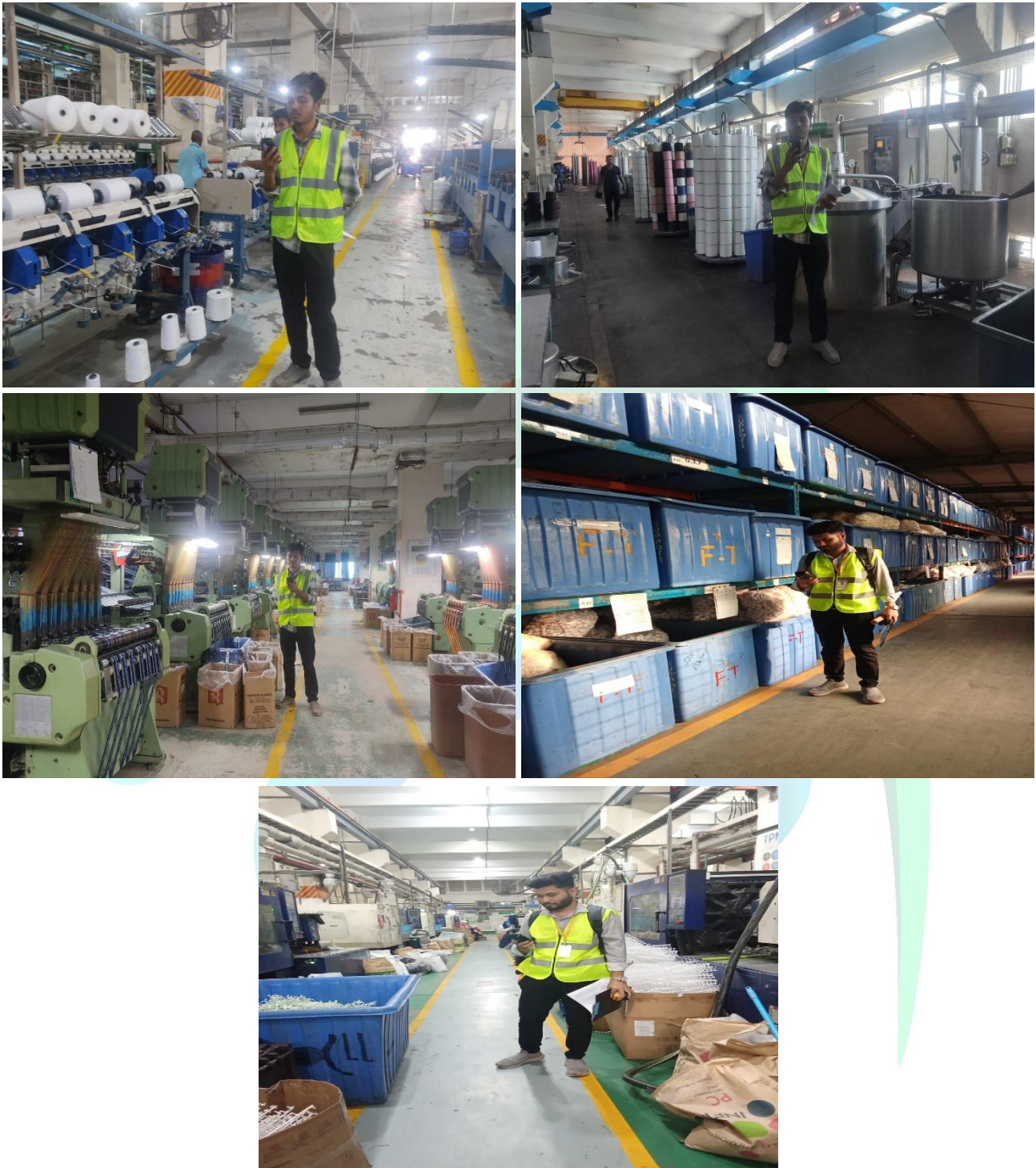
****Abbreviations:** DoE=Department of Environment; EPA=Environmental Protection Agency; WHO=World Health Organization.

Sl. No.	Assessment Area			Weather Condition	Assessment Status			
	Building	Floor	Section/Process		Temperature (°C)	Remarks	Humidity (RH %)	Remarks
110	Building-25	2 nd Floor	Covering Area	Sunny	26.8	√	53.3	√
111			QC Section	Sunny	26.9	√	56.4	√
112			Warping Section	Sunny	26.5	√	53.6	√
113			Dying Section	Sunny	27.5	√	51.5	√
114			Printing Section	Sunny	26.8	√	54.7	√
115		1 st Floor	Dying Section	Sunny	27.7	√	50.7	√
116			Jacker Section	Sunny	25.1	√	53.9	√
117			Needle Room	Sunny	26.3	√	51.4	√
118		G. Floor	Office Area	Sunny	24.8	√	59.6	√

Source: Field Survey on 14th March, 2026

****Abbreviations:** DoE=Department of Environment; EPA=Environmental Protection Agency; WHO=World Health Organization.

5 Some Pictorial View During Inspection



6 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
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.

7 Comment and Recommendation

There is no “ideal” humidity and Temperature condition. But it is taken that standard (30%-70%) humidity level and the temperature are suitable (20°C - 32°C) for all building occupants. Acceptable relative humidity levels should range from 30 percent to 70 percent year-round. Levels less than 30 percent in the winter and greater than 70 percent in the summer should be considered unacceptable. Eurosia ITC Services Ltd has inspected the Temperature and Humidity for all the production sections of **Chorka Textile Limited** During the inspection, temperature, and humidity in all sections were found within the limit.

The following recommendations are suggested to reduce any adverse effects:

- ✓ Automation and mechanization of tasks minimize the need for heavy physical work and the resulting buildup of body heat.
- ✓ Covering hot surfaces with sheets of low emissivity material such as aluminum or paint reduces the amount of heat radiated from this hot surface into the workplace.
- ✓ Insulation reduces the heat exchange between the source of heat and the work environment.
- ✓ Ventilation and localized air conditioning are commonly used to provide cool workstations.
- ✓ Passive ventilation by opening windows for cross ventilation.
- ✓ Remove moisture at the source, for example, use an extract fan in the high humid area, use a range hood in the kitchen, vent a dryer to the outside, and use only externally vented gas heaters.
- ✓ Regular temperature and humidity monitoring.

The factory is suggested to assess the temperature and humidity Quality once annually at least if all other setups are constant.

8 Conclusion

Temperature & Humidity 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, environment, etc. To ensure the working environment, conducting Temperature & Humidity assessments at regular intervals is essential and **Eurosia ITC Services Ltd.** is appointed by the **Chorka Textile Limited** managerial body to perform Temperature & Humidity assessments. The overall condition of this test carried out is satisfactory and justifies the working environment is good.