

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 Noise Level Assessment Report
Report & Reference No.	EISL/ENV. /EPT/26/00051-3
Prepared By	Reviewed 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 **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 Summary

SN.	Inspection Item	Equipment	Measuring Range	Accuracy	Comment
1	Indoor Noise Level Assessment	Sound Level Meter Brand: SMART SENSOR Model:AS824	30-130 dBA	± 1.5	See the result

2 Introduction

Noise is an unwanted sound. The difference between sound and noise depends upon the listener and the circumstances. Rock music can be a pleasurable sound to one person and an annoying noise to another. In either case, it can be hazardous to a person's hearing if the sound is loud and if they are exposed long and often enough. Noise pollution or noise disturbance is the disturbing or excessive noise that may harm the activity or balance of human or animal life. The main source of indoor noise pollution for an industry is the machinery and activities for production, power generation within a house captive power plant, raw material and goods loading, unloading, etc.

Noise levels are measured in decibels (dB). One decibel is the threshold of hearing. Approximately 60 dB is the level of normal talking. According to National Institute for Occupational Safety and Health (NIOSH), the permissible noise level in industrial environments should not exceed 85 dB. Exposure for more than six hours a day to noise levels in excess of 85 dB is potentially hazardous to health. Bangladesh Labor Rules categorized the working area as hazardous where the noise level exceeds the limit of 80dB.

EUROSIA ITC SERVICES LTD has been hired to inspect the indoor noise level of **Chorka Textile Limited** EUROSIA operation team has covered all the production sections to inspect their noise quality level and generated reports according to the activity of the area.

2.1 Effect of noise in a human perspective some demerits of noise balance distortion are:

- ✓ Hearing loss
- ✓ Auditory disorder i.e. Tinnitus
- ✓ Cardiovascular effects i.e. Major or Minor Heart Attack
- ✓ Psychological effects i.e. Annoyance, Stress, etc.

2.2 Method of Analysis

Measurement of noise level was done using direct-reading instruments. During the analysis, a standard work instruction stated in the EISL/ENV/WI/03 was followed.

3 Recommendation Level and Reference Value

Particular	OSHA	NIOSH	WHO	BLR
Acceptable Limit (dBA)	90 dBA	85 dBA	85 dBA	80 dBA

4 Result compared to following standard

Sl.No.	Assessment Area			Project Condition	Assessment Status				
	Building	Floor	Section/Process		Result (dBA)	OSHA	NIOSH	WHO	BLR
01	HIP-CTL-1	G. Floor	Dyeing Section	Running	78.2	√	√	√	√
02			Finishing Section	Running	77.4	√	√	√	√
03			Quality Section	Running	70.2	√	√	√	√
04			R and D Section	Running	73.3	√	√	√	√
05			Delivery Section	Running	71.4	√	√	√	√
06			Sub-Chemical Store	Running	56.8	√	√	√	√
07		MZ Floor	Dyeing QC Lab	Running	65.2	√	√	√	√
08		1 st Floor	Administrative Office	Running	57.6	√	√	√	√
09			Conference Room	Running	64.4	√	√	√	√
10			R & D Display Room	Running	72.3	√	√	√	√
11			Prayer Space	Running	68.8	√	√	√	√
12		2 nd Floor	Finished Fabrics batching Section	Running	78.4	√	√	√	√
13		3 rd Floor	Dining Room	Running	77.5	√	√	√	√
14			Finished Fabrics batching Section	Running	76.3	√	√	√	√
15	HIP-CTL-5	G. Floor	Dyeing Section	Running	77.4	√	√	√	√
16			Batch Section	Running	79.8	√	√	√	√
17			Finished Section	Running	78.3	√	√	√	√
18			Maintenance Section	Running	74.3	√	√	√	√
19			Sub-Chemical Store	Running	57.3	√	√	√	√
20		MZ Floor	Batching Section	Running	79.4	√	√	√	√
21		1 st Floor	Finishing Section	Running	78.2	√	√	√	√
22			Quality Section	Running	73.2	√	√	√	√
23			GPQ Section	Running	75.5	√	√	√	√
24		2 nd Floor	All Over Printing Section	Running	77.2	√	√	√	√
25		3 rd Floor	Finishing Section	Running	78.8	√	√	√	√
26	HIP-CTL-3	1 st Floor	Continuous Pad Pad (CPP) Dyeing	Running	74.1	√	√	√	√
27		MZ Floor	Conference Room-2	Running	64.9	√	√	√	√
28			Prayer Room-2	Running	65.4	√	√	√	√

Sl. No.	Assessment Area			Project Condition	Assessment Status				
	Building	Floor	Section/Process		Result (dBA)	OSHA	NOSH	WHO	BLR
29	HIP-CTL-3	1 st Floor	Yarn Store	Running	59.3	√	√	√	√
30		2 nd Floor	Yarn Store	Running	63.3	√	√	√	√
31		3 rd Floor	Yarn Store	Running	64.2	√	√	√	√
32	HIP-CTL	G. Floor	Yarn Store	Running	57.5	√	√	√	√
33			Grey Fabrics Store	Running	58.3	√	√	√	√
34			Chemical Warehouse	Running	59.2	√	√	√	√
35		MZ Floor	Grey Fabrics Store	Running	57.6	√	√	√	√
36		1 st Floor	Knitting Section	Running	82.2	√	√	√	×
37		2 nd Floor	Knitting Section	Running	83.7	√	√	√	×
38		3 rd Floor	Grey Fabrics Store	Running	59.6	√	√	√	√
39	HIP-CTL-Dyeing	G. Floor	Water Treatment Plant	Running	76.7	√	√	√	√
40	HIP-Pran-Boiler	G. Floor	Steam Generation Boiler	Running	79.8	√	√	√	√
41	HIP-Pran-power	G. Floor	Electricity Generator and Distributor	Running	90.3	×	×	×	×
42	HIP-Pran-compressor	G. Floor	Air Supply Compressor Room	Running	77.6	√	√	√	√
43	HIP-Pran-ETP	G. Floor	Biological ETP	Running	75.6	√	√	√	√
44			ETP Lab	Running	74.3	√	√	√	√
45			Sludge Storage	Running	64.8	√	√	√	√
46	HIP-Pran-ETP	G. Floor	Biological ETP	Running	72.2	√	√	√	√
47			Sludge Storage	Running	67.8	√	√	√	√
48		1 st Floor	ETP Lab	Running	62.8	√	√	√	√
49	HIP-Pran-Chemical Shed	G. Floor	Chemical Shed	Running	61.5	√	√	√	√
50	HIP-Pran-Non- Shed	G. Floor	Non-Hazardous Wastage Shed	Running	62.5	√	√	√	√
51	HIP-Pran-sub	G. Floor	Sub Station	Running	65.2	√	√	√	√
52	HIP-Pran-compressor room	G. Floor	Fire detection System panel Room	Running	63.3	√	√	√	√
53	HIP-Pran-ETP	G. Floor	Fire protection System pump Room	Running	58.2	√	√	√	√
54	HIP-Pran-Hazardous	G. Floor	Hazardous Wastage Shed	Running	63.3	√	√	√	√
55	HIP-Pran-RFL-Sun health care	G. Floor	Medical Centre	Running	60.9	√	√	√	√

Sl. No.	Assessment Area			Project Condition	Assessment Status				
	Building	Floor	Section/Process		Result (dBA)	OSHA	NOSH	WHO	BLR
56	HIP-Pran-cs-Child Care	G. Floor	Child care Room	Running	63.2	√	√	√	√
57	HIP-Pran-cs Canteen	G. Floor	CS Canteen	Running	72.5	√	√	√	√
58	Hlp-Pran-Cs-Worker Dormitory	G. Floor	CS Dormitory	Running	68.9	√	√	√	√
59	CTL Main Building	G. Floor	Yarn Dyeing	Running	69.9	√	√	√	√
60			Nylon Dyeing	Running	76.3	√	√	√	√
61			Hydro Room	Running	77.4	√	√	√	√
62			RF Dyeing	Running	78.2	√	√	√	√
63			Box Dyeing	Running	78.4	√	√	√	√
64			Dye Room	Running	67.3	√	√	√	√
65			SP Conning	Running	80.3	√	√	√	×
66			Hard Winding	Running	82.4	√	√	√	×
67			Continues Dyeing	Running	78.7	√	√	√	√
68			Distribution Area	Running	74.4	√	√	√	√
69			Finished Goods Assembly Area	Running	72.3	√	√	√	√
70		MZ. Floor	Lab Dyeing Section	Running	69.7	√	√	√	√
71			Dyeing House Office	Running	72.8	√	√	√	√
72			Maintenance Office	Running	67.6	√	√	√	√
73			Continues Dyeing Office	Running	72.5	√	√	√	√
74		1 st Floor	Crochet Section	Running	77.3	√	√	√	√
75			Needle loom Section	Running	74.7	√	√	√	√
76			Prayer Room	Running	67.5	√	√	√	√
77			Elastic Section office	Running	72.4	√	√	√	√
78			Conference Room	Running	57.8	√	√	√	√
79			Distribution and Store Control Room	Running	67.5	√	√	√	√
80			Jacquard Section	Running	81.3	√	√	√	×
81			Mini Ware House	Running	57.5	√	√	√	√
82		2 nd Floor	Soft Winding Section	Running	79.5	√	√	√	√
83			Hard Winding Section	Running	81.6	√	√	√	×
84			Covering Section	Running	78.4	√	√	√	√
85			Drawstring Section	Running	76.5	√	√	√	√
86			Braiding Section	Running	74.5	√	√	√	√
87			Warping Section	Running	81.2	√	√	√	×

Sl. No.	Assessment Area			Project Condition	Assessment Status				
	Building	Floor	Section/Process		Result (dBA)	OSHA	NOSH	WHO	BLR
88	CTL Main Building	2 nd Floor	Elastic Finishing	Running	76.5	√	√	√	√
89			Packing Section	Running	73.2	√	√	√	√
90			Women Canteen	Running	72.3	√	√	√	√
91			Male Canteen	Running	73.4	√	√	√	√
92		3 rd Floor	Warehouse Area	Running	64.5	√	√	√	√
93			FG Area	Running	69.5	√	√	√	√
94	Utility Building	G. Floor	Generator Room	Running	93.2	×	×	×	×
95			HT Room	Running	69.3	√	√	√	√
96			LT Panel Sub-Station	Running	68.5	√	√	√	√
97			Transformer Room	Running	65.4	√	√	√	√
98	HRM Service Building	G. Floor	Waiting Section	Running	67.4	√	√	√	√
99			Doctor's Room	Running	64.3	√	√	√	√
100			Child Care Center	Running	67.4	√	√	√	√
101			Dry Canteen	Running	73.3	√	√	√	√
102			ETP Area	Running	75.4	√	√	√	√
103	Chemical Building	G. Floor	Chemical Room	Running	57.6	√	√	√	√
104	Chemical Shed	G. Floor	Chemical Area	Running	58.6	√	√	√	√
105	Building-25	Roof Top	Dining Area	Running	73.2	√	√	√	√
106		3 rd Floor	Store	Running	67.5	√	√	√	√
107		2 nd Floor	Hard Winding Section	Running	82.3	√	√	√	×
108			Cotton Area	Running	71.2	√	√	√	√
109			Hard Rolling Section	Running	76.7	√	√	√	√
110			Covering Area	Running	74.5	√	√	√	√
111			QC Section	Running	67.5	√	√	√	√
112			Warping Section	Running	81.3	√	√	√	×
113			Dying Section	Running	79.5	√	√	√	√
114			Printing Section	Running	76.5	√	√	√	√
115		1 st Floor	Dying Section	Running	77.4	√	√	√	√
116			Jacker Section	Running	80.1	√	√	√	×
117			Needle Room	Running	69.4	√	√	√	√
118		G. Floor	Office Area	Running	57.6	√	√	√	√

Source: Field Survey on 14th March, 2026

****Abbreviations:** DoE=Department of Environment, BLR= Bangladesh Labor Rules, NIOSH= National Institute for Occupational Safety and Health; dB=Decibel, REL= Recommended Exposure Limit, TWA= Time Weighted Average.

5 Some Pictorial Evidence 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

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scopes to which this accreditation applies, please refer to the Directory of CABs at BAB website.

7 Discussion and Recommendation

Eurosia ITC Services Ltd. has inspected the indoor noise level of **Chorka Textile Limited** and ensured that all the production section/process is covered. The assessment results of some areas were found satisfactory, and the workplace noise condition is quite good in comparison to the noise quality standard except few areas, which is mentioned report table. **We highly recommended wearing earplugs during working time near high-noise areas.**

8 For further improvement the following recommendations are suggested to reduce the adverse effect

- Repair faulty equipment that pumps noise such as loose bolts and nuts from vibration.
- Change the activity related to the generated noise so that the sound level is reduced; for example, reducing motor power or speed of rotating drum of equipment.
- Employee who is exposed to a noise level greater than 85 dB for a duration of more than 8 hours per day must use hearing protection.
- Although hearing protection is preferred for any period of noise exposure in excess of 85 dB, an equivalent level of protection can be obtained, but less easily managed, by limiting the duration of noise exposure. For every 3 dB increase in sound levels, the 'allowed' exposure period or duration should be reduced by 50 percent.
- Use of acoustic insulating materials, isolation of the noise source, and other engineering controls should be investigated and implemented where feasible.

9 Conclusion

Noise Level Assessment has been carried out to evaluate the surrounding noise 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 Noise Level Assessment at regular intervals is essential and **Eurosia ITC Services Ltd.** is appointed by **Chorka Textile Limited** managerial body to perform Noise Level Assessment. The overall condition of this test carried out is satisfactory and justifies the working environment is good.