

Report Number : ITS-ENV-2024-06-B  
Date : 03 April, 2024.

## WORKPLACE ENVIRONMENTAL ASSESSMENT REPORT

### Illuminance Level Assessment

**Facility Name** : IRIS Fabrics Limited.  
**Facility Address** : Zirani Bazar, Kashimpur, Gazipur  
**GPS Coordinate** : Latitude : 23.999265 | Longitude: 90.251186  
**Facility Tel** : +8801817049518  
**Facility Contact** : Mohammad Ahsan Alim – GM (Admin, HR & compliance)  
**Facility Email** : admin@irisgroupbd.com  
**Description of Equipment** : AS813 Digital Lux Meter  
**Data Collection Date & Time** : 31 March 2024, 9:15 AM-2:25 PM (Running Condition)  
**Conducted By** : Mohammad Waliullah & Kamrun Nahar

**Assessment Result :**

Building	Location	Section	Illuminances Level (Lux)
Building-1	Ground Floor	Embroidery Section	856
		Knitting Section	562
	1 <sup>st</sup> Floor	Finishing Section	819
		Spot Removing Room	710
	2 <sup>nd</sup> floor	Sewing Section	798
	3 <sup>rd</sup> Floor	Sewing section	842
	4 <sup>th</sup> Floor	Finishing section	881
		Spot Removing Room-1	783
		Spot Removing Room-2	806
	5 <sup>th</sup> floor	Sewing section	1041
	6 <sup>th</sup> Floor	Cutting section	864
	7 <sup>th</sup> Floor	Sewing Section	791
Finishing Section		1208	
Spot Removing Room		741	
Building-2	Ground Floor	Dyeing Section	362
		Finishing Section	475
		Washing Section	355
		Chemical Sub-store	351
	1 <sup>st</sup> floor	Printing Section	1234
		Color kitchen Room	361
Utility Section	Ground Floor	Generator Room	358

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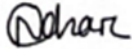
Building	Location	Section	Illuminances Level (Lux)
Utility Section	Ground Floor	Boiler Room-1	366
		Boiler Room-2	370
		Compressor room	360
		ETP	N/A
		WTP	355

**Standard Requirement:**

Requirement	Area of activity	Illuminance (lux)
Bangladesh Labor Law 2006, Section 17, and Bangladesh Labor Rules 2015	Workplace	350 Lux at the height of 1.0 meter
Bangladesh National Building Code 2020, Part 8, Chapter-01, Table 8.1.10	Matching-up	450
	Cutting & Sewing	
	Light	300
	Medium	450
	Dark	700

**Comment:** The Assessment result of illuminance level of different sections in the facility shows that the illumination level in all the area were found within the acceptable limits.

**Report prepared by**



**Kamrun Nahar**  
**Coordinator**  
**Supplier Management**  
**Business Assurance**  
**ITS Labtest Bangladesh Ltd.**

**Report authorized by**



**Shoriful Islam**  
**Head of Business Assurance**  
**Supplier Management**  
**Business Assurance**  
**ITS Labtest Bangladesh Ltd.**