



Temperature Level Quality Monitoring Report:

Mondol Intimates Ltd.



**Report Prepared BY:
Greentech Testing Company Ltd.
Date of Testing: April 15, 2017
Date of Report Submitting: April 20, 2017**



GREENTECH TESTING COMPANY

Environmental Testing, Inspection, Assessment, Calibration
& Consultancy Organisation.



Certificate Number: GT ET/VER/17/2229

Temperature Level Quality Monitoring Report

Issued By : Greentech Testing Company Ltd.
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Date of Issue : April 20, 2017
Certificate Number : Certificate Number: GT ET/VER/17/2229

Customer : **Mondol Intimates Ltd.**
Shirir Chala, Bager Bazar, Gazipur, Bangladesh.

Description : Temperature Level Quality Monitoring of
Mondol Intimates Ltd.

Date of Assessment : April 15, 2017

Approved By:

Ms. Sadia Afrin Nitol
Environmental Specialist
Head of- Quality Assurance

Prepared By:

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Environmental Condition:

Ambient Temperature : 31.5 °C
Relative Humidity : 54% RH
Weather Condition : Sunny (Summer Session)

Description of Sampling:

The temperature level inspection has done in every sections of the factory. The whole inspection has conducted following the inspection stated in the Greentech Testing Company Limited work instruction **WI-04**. Greentech Testing Company Limited Assessor Mr. Md. Arif Ullah has performed the inspection.

Inspection Method:

Temperature Level measured in °C by semiconductor sensor based instrument. Ambient Temperature is measured by changes in electrical resistance due to heat, which is shown Celsius. The inspection has been carried out according to the standard Operating Procedure **SOP-10**.

Instrument Name:

Instrument Name : Hygro-Thermometer
Measuring Range : 0°C ~ 40°C and -32°F ~ 104°F
Resolution : 0.1 °C



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Inspection Result:

Inspection Time & Duration: The inspection has been done between 9.45 AM to 1.00 PM & 2.30 PM

S.N	Name of Sections	Location of Sections	Measured Temperature in (°C)	Comparative Standard (°C)
1	Dining Room	8th Floor, Main Building	32.1	Optimum Range: Between 20°C and 26° C Depending on the time of year and clothing worn. (According to the Compliance code for workplace amenities and work environment)
2	Sample Section	7th Floor, Main Building	29.5	
3	Training Room	7th Floor, Main Building	32.1	
4	Sample Office Room	7th Floor, Main Building	29.2	
5	Sewing Section	5th Floor, Main Building	32.2	
6	Finishing Section	5th Floor, Main Building	32.3	
7	Cutting Section	5th Floor, Main Building	32	
8	Spot Removing Room	5th Floor, Main Building	32.3	
9	Sewing Section	4th Floor, Main Building	32.1	
10	Finishing Section	4th Floor, Main Building	32	
11	Cutting Section	4th Floor, Main Building	32.4	
12	Spot Removing Room	4th Floor, Main Building	32.1	
13	Sewing Section	3rd Floor, Main Building	32.4	
14	Finishing Section	3rd Floor, Main Building	32.1	
15	Cutting Section	3rd Floor, Main Building	32.5	
16	Spot Removing Room	3rd Floor, Main Building	32.6	
17	Sewing Section	2nd Floor, Main Building	32.4	
18	Finishing Section	2nd Floor, Main Building	32.3	
19	Cutting Section	2nd Floor, Main Building	31.7	
20	Spot Removing Room	2nd Floor, Main Building	32.6	
21	Medical Center	1st Floor, Main Building	30.9	
22	Child Care Room	1st Floor, Main Building	31	
23	Generator Room	Ground Floor, Main Building	33.8	

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Note: The Comparative Temperature Standard According to ASHARE Standard 55-2010'' Thermal Environmental Conditions for Human Occupancy'' is given below.

Conditions	Acceptable Operation Temperature
Summer (Light Clothing) If 30% then If 60% Then	24.5-28 °C 23-25.5 °C
Winter (Warm Clothing) If 30% then 60% then	20.5-25.5°C 20-24°C

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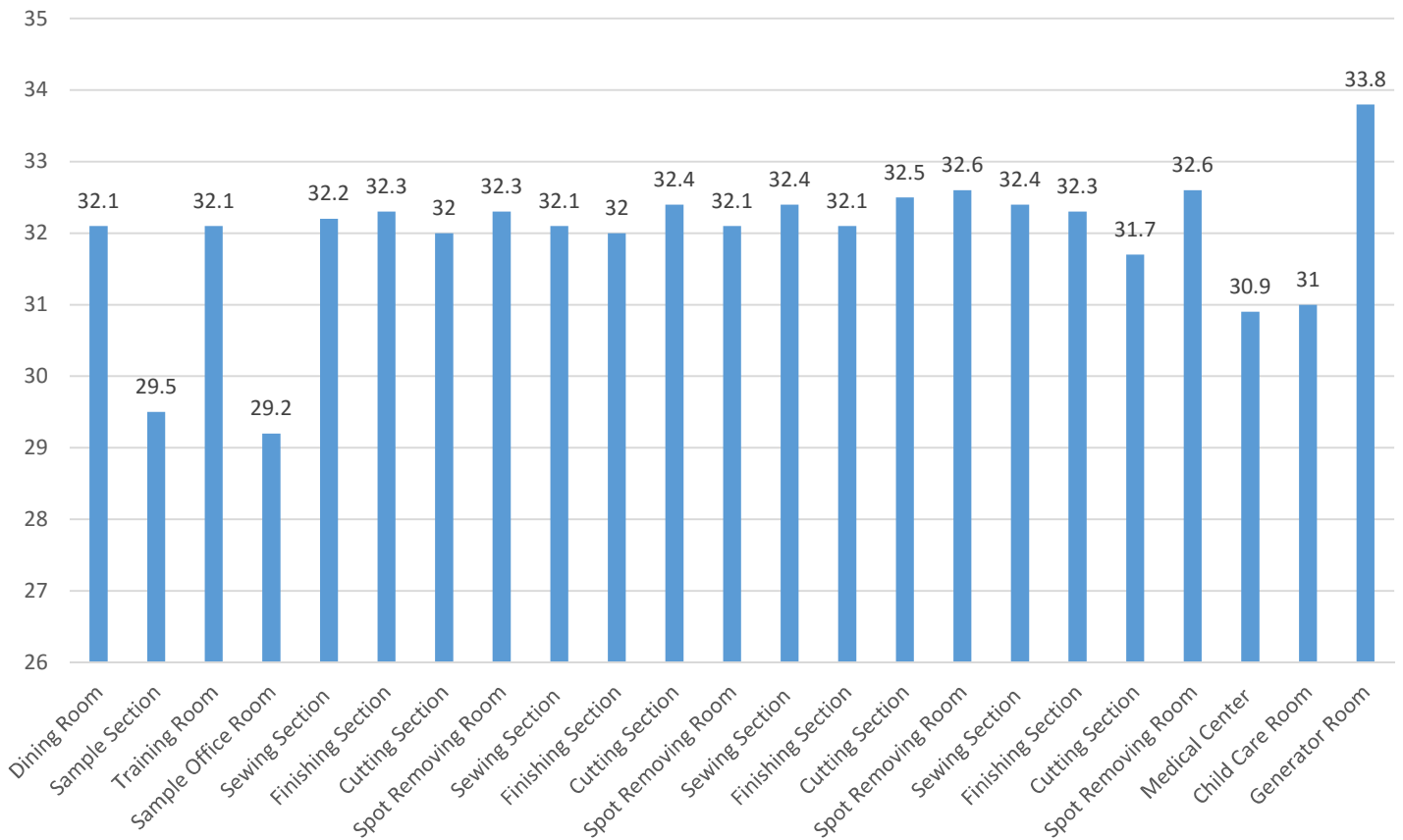
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Graph of Temperature Level



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Comment:

The work place temperature level at some section of the factory has found satisfactory According to Bangladesh weather condition. Although the recommended temperature For workplace given by ASHARE has been exceeded for many sections but considering the Climatic condition of Bangladesh, this temperature is usual. However it is safe for the Worker. To reduce the temperature level suitable ventilation and thermal insulation of Heat source could be provided. Suitable ventilation can be provided by using mechanical ventilation system like fans/air conditioning, or by natural ventilation like open windows, Doors etc. Employers may allow a sensible dress code and ensure the supply of enough drinking water in working water in floor to make the workers more comfortable to work in a hot weather.

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