



Humidity 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/17/2230

## Humidity 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/17/2230

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

**Description** : Humidity Level Quality Monitoring of  
**Mondol Intimates Ltd.**

**Date of Assessment** : April 15, 2017

**Approved By:**

**Prepared By:**

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



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### Environmental Condition:

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

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

Humidity Level is measured in %RH by Semiconductor sensor based instrument. Relative humidity is measured by changes in electrical resistance caused by changes in moisture. The inspection has been carried out according to the standard Operating procedure **SOP-10**.

Instrument Name	: Hygro-Thermometer
Measuring Range	: 5.0 to 98.0%RH
Resolution	: 0.1%RH



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### Inspection Results:

**Time & Duration:** The inspection has been done between 9.45 AM to 1.00PM & 2.30 PM to 4.30PM

S.N	Name of Sections	Location of Sections	Measured Humidity in (%RH)	Comparative Standard (%RH)
1	Dining Room	8th Floor, Main Building	55%	<b>Optimum Range: Between 40% and 60%</b>  <b>Maximum Acceptable Range: Between 30% and 70%</b>  <b>According to the CSA Standard CAN/CSA Z412- 00 (2005)- "Office Ergonomics"</b>
2	Sample Section	7th Floor, Main Building	56%	
3	Training Room	7th Floor, Main Building	59%	
4	Sample Office Room	7th Floor, Main Building	62%	
5	Sewing Section	5th Floor, Main Building	59%	
6	Finishing Section	5th Floor, Main Building	53%	
7	Cutting Section	5th Floor, Main Building	52%	
8	Spot Removing Room	5th Floor, Main Building	51%	
9	Sewing Section	4th Floor, Main Building	65%	
10	Finishing Section	4th Floor, Main Building	56%	
11	Cutting Section	4th Floor, Main Building	60%	
12	Spot Removing Room	4th Floor, Main Building	62%	
13	Sewing Section	3rd Floor, Main Building	54%	
14	Finishing Section	3rd Floor, Main Building	60%	
15	Cutting Section	3rd Floor, Main Building	59%	
16	Spot Removing Room	3rd Floor, Main Building	63%	
17	Sewing Section	2nd Floor, Main Building	57%	
18	Finishing Section	2nd Floor, Main Building	54%	
19	Cutting Section	2nd Floor, Main Building	52%	
20	Spot Removing Room	2nd Floor, Main Building	64%	
21	Medical Center	1st Floor, Main Building	55%	
22	Child Care Room	1st Floor, Main Building	53%	
23	Generator Room	Ground Floor, Main Building	63%	

**Corporate office:**

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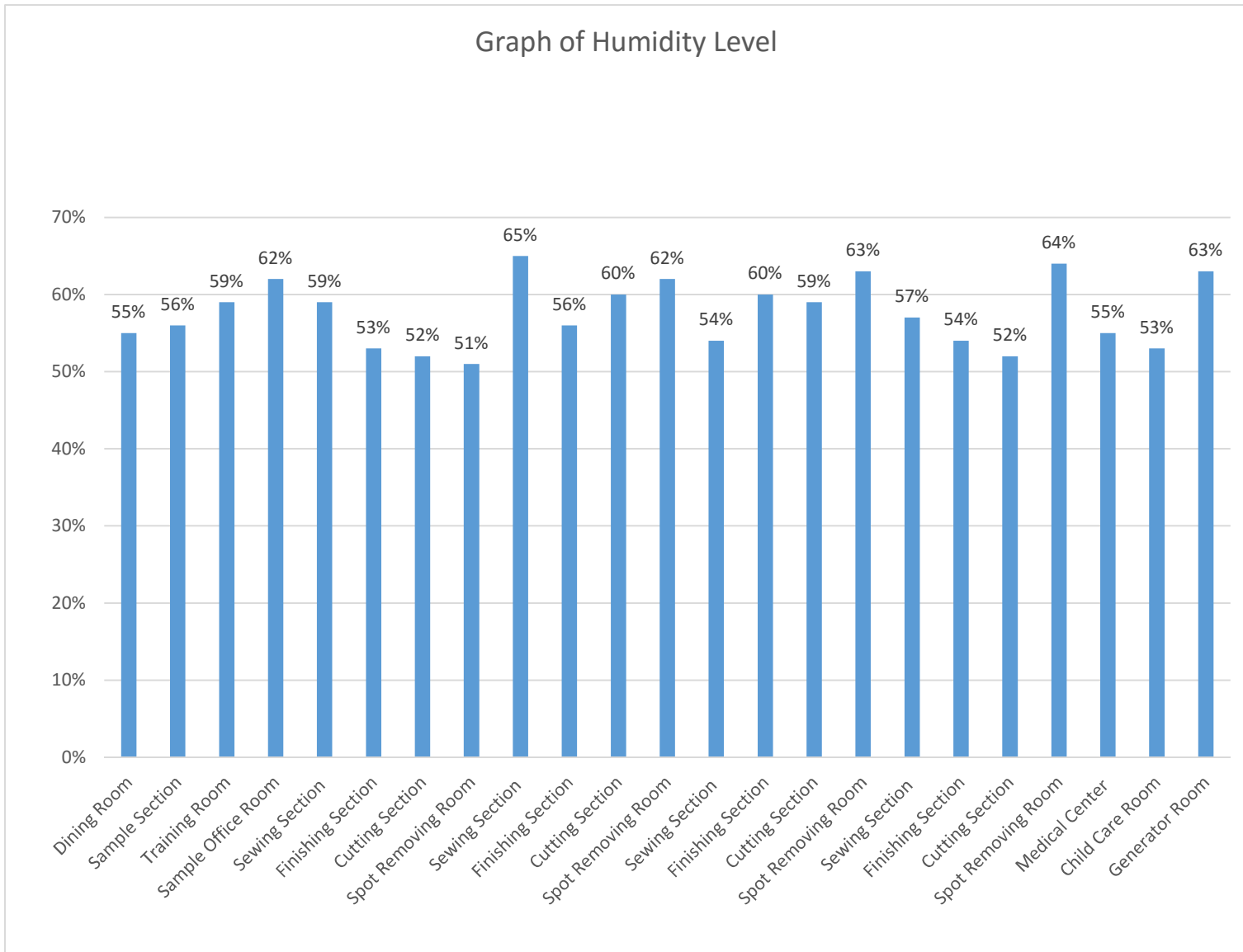
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### Discussion and Recommendation:

**Mondol Intimates Ltd.** has separate production area and all required Humidity quality parameter has been tested according to the Department of Environment (DoE) and EPA. According to the test result the findings are given below:

The Humidity Level present in **Mondol Intimates Ltd.** found within the acceptable limit in all area.

For obtaining above result the recommendation are given below:

**Factory has to check Humidity Level quality regularly.**

**Prepared By:**

**Approved By:**

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