



Memo No. : CRTS/CE/65/25(iii) Date: 24 December 2016
 Ref. No. : Letter Date: 21 December 2016
 Location : Masihata Sweaters Limited, South Panishail, BKSP, Kashimpur, Gazipur.
 Sent by : Director, Masihata Sweaters Limited, South Panishail, BKSP, Kashimpur, Gazipur.
 Date of Testing : 28 December 2016

Air Quality Test Results

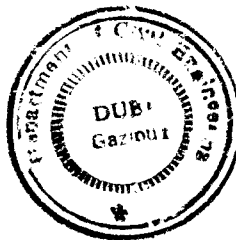
Sl. No.	Air Quality Parameters	Unit	Measured Concentration			OSHA Standard (Indoor)	DoE Standard for Ambient Air (Revised 2005)
			Auto-placket Section	Boiler Area	Generator Area		
1.	CO	ppm	0.27	0.43	0.52	50	35 (1 hour average) ^a
2.	CO ₂	ppm	477	452	384	5000	NF
3.	NO	ppm	0.02	0.13	0.03	5	NF
4.	NO ₂	ppm	0.02	0	0.05	NF	NF
5.	NO _x	ppm	0.04	0.13	0.08	NF	0.053 (NO ₂ annual average)
6.	SO ₂	ppm	0.02	0.14	0.01	5	0.14 (24 hours average) ^a
7.	H ₂ S	ppm	0	0	0	NF	NF
8.	Temperature	°C	29.1	28.3	27.5	NF	NF
9.	Relative Humidity	%	64.1	65.4	67.6	NF	NF

a - Not to be exceeded more than once in a year

NF - Not Found, DoE - Department of Environment, Bangladesh

Countersigned by:

Chairman 31/12/16
 CRTS, Department of Civil Engineering
 DUET, Gazipur.



Test Performed by:

(Dr. Md. Akramul Alam)
 Professor
 Department of Civil Engineering
 DUET, Gazipur.



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Air Quality Test Results

Sl. No.	Air Quality Parameters	Unit	Measured Concentration				OSHA Standard (Indoor)	DoE Standard for Ambient Air (Revised 2005)
			Linking Section	Sewing Label section	Jacquard Section	Winding Section		
1.	CO	ppm	0.62	0.78	0.31	0.32	50	35 (1 hour average) ^a
2.	CO ₂	ppm	1248	840	908	383	5000	NF
3.	NO	ppm	0	0.07	0.08	0.01	5	NF
4.	NO ₂	ppm	0.04	0	0	0.01	NF	NF
5.	NO _x	ppm	0.04	0.07	0.08	0.02	NF	0.053 (NO ₂ annual average)
6.	SO ₂	ppm	0	0	0.09	0	5	0.14 (24 hours average) ^a
7.	H ₂ S	ppm	0	0	0	0	NF	NF
8.	Temperature	°C	30.1	29.7	30.1	26.4	NF	NF
9.	Relative Humidity	%	65.8	64.1	48	69.7	NF	NF

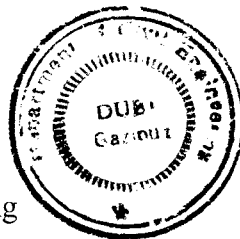
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