

# AIR EMISSION INVENTORY SHEET

Name of Company/Production Unit: **GMS Composite Knitting Ind. Ltd**

Updated on:	Date: 01.04.2015
Responsible Person	Name: Md. Alauddin
	Designation: Officer (Environmental Compliance)

S.I.No	EMISSION POINT	NAME OF POLLUTANT	SOURCE/EQUIPMENT	EMISSION AMOUNT (AND UNITS mg/Nm3)	LEGAL EMISSION LIMIT according ECR-1997	World Bank 2006-IFC	MONITORING FREQUENCY	ANY CONTROLL DEVICES INSTALLED	DATE OF LAST AIR EMISSION TEST	EMERGENCY CONTACT PERSON(NAME, DESIGNATION & CONTACT NO.)	CHECKED BY(NAME & DESIGNATION)	REMARKS
1	Boiler #1	CO <sub>2</sub>	Boiler	2.1%	NYS	NYS	Annual	No	1/4/2015	Md.Nantu Molla (Kabir) Senior Manager, Compliance	Md. Alauddin Officer (Environmental Compliance)	
		NO <sub>x</sub>	Boiler	128.21	150	320	Annual	No	1/4/2015	Md.Nantu Molla (Kabir) Senior Manager, Compliance	Md. Alauddin Officer (Environmental Compliance)	
		O <sub>2</sub>	Boiler	2.98%	NYS	3%	Annual	No	1/4/2015	Md.Nantu Molla (Kabir) Senior Manager, Compliance	Md. Alauddin Officer (Environmental Compliance)	
2	Boiler#2	CO <sub>2</sub>	Boiler	1.98%	NYS	NYS	Annual	No	1/4/2015	Md.Nantu Molla (Kabir) Senior Manager, Compliance	Md. Alauddin Officer (Environmental Compliance)	
		NO <sub>x</sub>	Boiler	32.05	150	320	Annual	No	1/4/2015	Md.Nantu Molla (Kabir) Senior Manager, Compliance	Md. Alauddin Officer (Environmental Compliance)	
		O <sub>2</sub>	Boiler	3.0%	NYS	3%	Annual	No	1/4/2015	Md.Nantu Molla (Kabir) Senior Manager, Compliance	Md. Alauddin Officer (Environmental Compliance)	
3	Boiler#3	CO <sub>2</sub>	Boiler	1.3%	NYS	NYS	Annual	No	1/4/2015	Md.Nantu Molla (Kabir) Senior Manager, Compliance	Md. Alauddin Officer (Environmental Compliance)	
		NO <sub>x</sub>	Boiler	28.28	150	320	Annual	No	1/4/2015	Md.Nantu Molla (Kabir) Senior Manager, Compliance	Md. Alauddin Officer (Environmental Compliance)	

		O <sub>2</sub>	Boiler	2.94%	NYS	3%	Annual	No	1/4/2015	Md.Nantu Molla (Kabir) Senior Manager, Compliance	Md. Alauddin Officer (Environmental Compliance)	
4	Boiler#4	CO <sub>2</sub>	Boiler	1.3%	NYS	NYS	Annual	No	1/4/2015	Md.Nantu Molla (Kabir) Senior Manager, Compliance	Md. Alauddin Officer (Environmental Compliance)	
		NO <sub>x</sub>	Boiler	24.51mg/Nm <sub>3</sub>	150	320	Annual	No	1/4/2015	Md.Nantu Molla (Kabir) Senior Manager, Compliance	Md. Alauddin Officer (Environmental Compliance)	
		O <sub>2</sub>	Boiler	2.9%	NYS	3%	Annual	No	1/4/2015	Md.Nantu Molla (Kabir) Senior Manager, Compliance	Md. Alauddin Officer (Environmental Compliance)	
5	Boiler#5	CO <sub>2</sub>	Boiler	NYS	NYS	Annual	No	1/4/2015	1/4/2015	Md.Nantu Molla (Kabir) Senior Manager, Compliance	Md. Alauddin Officer (Environmental Compliance)	
		NO <sub>x</sub>	Boiler	150	320	Annual	No	1/4/2015	1/4/2015	Md.Nantu Molla (Kabir) Senior Manager, Compliance	Md. Alauddin Officer (Environmental Compliance)	
		O <sub>2</sub>	Boiler	NYS	3%	Annual	No	1/4/2015	1/4/2015	Md.Nantu Molla (Kabir) Senior Manager, Compliance	Md. Alauddin Officer (Environmental Compliance)	
6	Boiler#6	CO <sub>2</sub>	Boiler	2.20%		NYS	Annual	No	1/4/2015	Md.Nantu Molla (Kabir) Senior Manager, Compliance	Md. Alauddin Officer (Environmental Compliance)	
		NO <sub>x</sub>	Boiler	32.05 mg/Nm <sub>3</sub>		150 (Gas) 300 (Oil)	Annual	No	1/4/2015	Md.Nantu Molla (Kabir) Senior Manager, Compliance	Md. Alauddin Officer (Environmental Compliance)	
7	Diesel Generator #1	O <sub>2</sub>	Generator	11.25%	NYS	15%	Annual	No	1/4/2015	Md.Nantu Molla (Kabir) Senior Manager, Compliance	Md. Alauddin Officer (Environmental Compliance)	
		CO	Generator	484.9 mg/Nm <sub>3</sub>	NYS	NYS	Annual	No	1/4/2015	Md.Nantu Molla (Kabir) Senior Manager, Compliance	Md. Alauddin Officer (Environmental Compliance)	
		CO <sub>2</sub>	Generator	4.70%	NYS	NYS	Annual	No	1/4/2015	Md.Nantu Molla (Kabir) Senior Manager, Compliance	Md. Alauddin Officer (Environmental Compliance)	
		NO	Generator	382.9 mg/Nm <sub>3</sub>	NYS	1460	Annual	No	1/4/2015	Md.Nantu Molla (Kabir) Senior Manager, Compliance	Md. Alauddin Officer (Environmental Compliance)	

		NOx	Generator	639.17	NYS	1460	Annual	No	1/4/2015	Md.Nantu Molla (Kabir) Senior Manager, Compliance	Md. Alauddin Officer (Environmental Compliance)		
		SO2	Generator	0.0%	NYS	860	Annual	No	1/4/2015	Md.Nantu Molla (Kabir) Senior Manager, Compliance	Md. Alauddin Officer (Environmental Compliance)		
6	Diesel Generator #2	O2	Generator	14.90%	NYS	15%	Annual	No	1/4/2015	Md.Nantu Molla (Kabir) Senior Manager, Compliance	Md. Alauddin Officer (Environmental Compliance)		
		CO	Generator	465.4mg/Nm <sup>3</sup>	NYS	NYS	Annual	No	1/4/2015	Md.Nantu Molla (Kabir) Senior Manager, Compliance	Md. Alauddin Officer (Environmental Compliance)		
		CO2	Generator	2.44%	NYS	NYS	Annual	No	1/4/2015	Md.Nantu Molla (Kabir) Senior Manager, Compliance	Md. Alauddin Officer (Environmental Compliance)		
		NO	Generator	169.35 mg/Nm <sup>3</sup>	NYS	1460	Annual	No	1/4/2015	Md.Nantu Molla (Kabir) Senior Manager, Compliance	Md. Alauddin Officer (Environmental Compliance)		
		NOx	Generator	273.39	NYS	1460				1/4/2015	Md.Nantu Molla (Kabir) Senior Manager, Compliance	Md. Alauddin Officer (Environmental Compliance)	
		SO2	Generator	0.0%	NYS	860	Annual	No	1/4/2015	Md.Nantu Molla (Kabir) Senior Manager, Compliance	Md. Alauddin Officer (Environmental Compliance)		
7	Diesel Generator #3	O2	Generator	15%	NYS	15%	Annual	No	1/4/2015	Md.Nantu Molla (Kabir) Senior Manager, Compliance	Md. Alauddin Officer (Environmental Compliance)		
		CO	Generator	316.05 mg/Nm <sup>3</sup>	NYS	NYS	Annual	No	1/4/2015	Md.Nantu Molla (Kabir) Senior Manager, Compliance	Md. Alauddin Officer (Environmental Compliance)		
		CO2	Generator	1.05%	NYS	NYS	Annual	No	1/4/2015	Md.Nantu Molla (Kabir) Senior Manager, Compliance	Md. Alauddin Officer (Environmental Compliance)		
		NO	Generator	110.45	NYS	1460	Annual	No	1/4/2015	Md.Nantu Molla (Kabir) Senior Manager, Compliance	Md. Alauddin Officer (Environmental Compliance)		
		NOx	Generator	177.23	NYS	1460				1/4/2015	Md.Nantu Molla (Kabir) Senior Manager, Compliance	Md. Alauddin Officer (Environmental Compliance)	

		SO2	Generator	0.0%	NYS	860	Annual	No	1/4/2015	Md.Nantu Molla (Kabir) Senior Manager, Compliance	Md. Alauddin Officer (Environmental Compliance)		
8	Diesel Generator #4	O2	Generator	12.80%	NYS	15%	Annual	No	1/4/2015	Md.Nantu Molla (Kabir) Senior Manager, Compliance	Md. Alauddin Officer (Environmental Compliance)		
		CO	Generator	310.3mg/Nm <sup>3</sup>	NYS	NYS	Annual	No	1/4/2015	Md.Nantu Molla (Kabir) Senior Manager, Compliance	Md. Alauddin Officer (Environmental Compliance)		
		CO2	Generator	2.82%	NYS	NYS	Annual	No	1/4/2015	Md.Nantu Molla (Kabir) Senior Manager, Compliance	Md. Alauddin Officer (Environmental Compliance)		
		NO	Generator	157.08	NYS	1460	Annual	No	1/4/2015	Md.Nantu Molla (Kabir) Senior Manager, Compliance	Md. Alauddin Officer (Environmental Compliance)		
		NOx	Generator	550.56	NYS	1460				1/4/2015	Md.Nantu Molla (Kabir) Senior Manager, Compliance	Md. Alauddin Officer (Environmental Compliance)	
		SO2	Generator	0.0%	NYS	860	Annual	No	1/4/2015	Md.Nantu Molla (Kabir) Senior Manager, Compliance	Md. Alauddin Officer (Environmental Compliance)		
9	Diesel Generator #5	O2	Generator	12.0%	NYS	15%	Annual	No	1/4/2015	Md.Nantu Molla (Kabir) Senior Manager, Compliance	Md. Alauddin Officer (Environmental Compliance)		
		CO	Generator	128.71 mg/Nm <sup>3</sup>	NYS	NYS	Annual	No	1/4/2015	Md.Nantu Molla (Kabir) Senior Manager, Compliance	Md. Alauddin Officer (Environmental Compliance)		
		CO2	Generator	1.4%	NYS	NYS	Annual	No	1/4/2015	Md.Nantu Molla (Kabir) Senior Manager, Compliance	Md. Alauddin Officer (Environmental Compliance)		
		NO	Generator	90.81	NYS	1460	Annual	No	1/4/2015	Md.Nantu Molla (Kabir) Senior Manager, Compliance	Md. Alauddin Officer (Environmental Compliance)		
		NOx	Generator	147.1	NYS	1460	Annual	No	1/4/2015	Md.Nantu Molla (Kabir) Senior Manager, Compliance	Md. Alauddin Officer (Environmental Compliance)		
		SO2	Generator	0.0%	NYS	860	Annual	No	1/4/2015	Md.Nantu Molla (Kabir) Senior Manager, Compliance	Md. Alauddin Officer (Environmental Compliance)		
	Gas Generator #6	O2	Generator	14.95%	NYS	15%	Annual	No	1/4/2015	Md.Nantu Molla (Kabir) Senior Manager, Compliance	Md. Alauddin Officer (Environmental Compliance)		

10		CO	Generator	80.44mg/Nm <sub>3</sub>	NYS	NYS	Annual	No	1/4/2015	Md.Nantu Molla (Kabir) Senior Manager, Compliance	Md. Alauddin Officer (Environmental Compliance)	
		CO <sub>2</sub>	Generator	1.86%	NYS	NYS	Annual	No	1/4/2015	Md.Nantu Molla (Kabir) Senior Manager, Compliance	Md. Alauddin Officer (Environmental Compliance)	
		NO	Generator	79.77	NYS	1460	Annual	No	1/4/2015	Md.Nantu Molla (Kabir) Senior Manager, Compliance	Md. Alauddin Officer (Environmental Compliance)	
		NO <sub>x</sub>	Generator	128.2mg/Nm <sub>3</sub>	NYS	1460	Annual	No	1/4/2015	Md.Nantu Molla (Kabir) Senior Manager, Compliance	Md. Alauddin Officer (Environmental Compliance)	
		SO <sub>2</sub>	Generator	0.0%	NYS	860	Annual	No	1/4/2015	Md.Nantu Molla (Kabir) Senior Manager, Compliance	Md. Alauddin Officer (Environmental Compliance)	
11	<b>Gas Generator #7</b>	O <sub>2</sub>	Generator	14.90%	NYS	15%	Annual	No	1/4/2015	Md.Nantu Molla (Kabir) Senior Manager, Compliance	Md. Alauddin Officer (Environmental Compliance)	
		CO	Generator	80.44mg/Nm <sub>3</sub>	NYS	NYS	Annual	No	1/4/2015	Md.Nantu Molla (Kabir) Senior Manager, Compliance	Md. Alauddin Officer (Environmental Compliance)	
		CO <sub>2</sub>	Generator	1.83%	NYS	NYS	Annual	No	1/4/2015	Md.Nantu Molla (Kabir) Senior Manager, Compliance	Md. Alauddin Officer (Environmental Compliance)	
		NO	Generator	73.6	NYS	1460	Annual	No	1/4/2015	Md.Nantu Molla (Kabir) Senior Manager, Compliance	Md. Alauddin Officer (Environmental Compliance)	
		NO <sub>x</sub>	Generator	135.7mg/Nm <sub>3</sub>	NYS	1460	Annual	No	1/4/2015	Md.Nantu Molla (Kabir) Senior Manager, Compliance	Md. Alauddin Officer (Environmental Compliance)	
		SO <sub>2</sub>	Generator	0.0%	NYS	860	Annual	No	1/4/2015	Md.Nantu Molla (Kabir) Senior Manager, Compliance	Md. Alauddin Officer (Environmental Compliance)	
12	<b>Gas Generator #8</b>	O <sub>2</sub>	Generator	11.90%	NYS	15%	Annual	No	1/4/2015	Md.Nantu Molla (Kabir) Senior Manager, Compliance	Md. Alauddin Officer (Environmental Compliance)	
		CO	Generator	112.6mg/Nm <sub>3</sub>	NYS	NYS	Annual	No	1/4/2015	Md.Nantu Molla (Kabir) Senior Manager, Compliance	Md. Alauddin Officer (Environmental Compliance)	
		CO <sub>2</sub>	Generator	2.34%	NYS	NYS	Annual	No	1/4/2015	Md.Nantu Molla (Kabir) Senior Manager, Compliance	Md. Alauddin Officer (Environmental Compliance)	

12		NO	Generator	122.72mg/N m3	NYS	1460	Annual	No	1/4/2015	Md.Nantu Molla (Kabir) Senior Manager, Compliance	Md. Alauddin Officer (Environmental Compliance)	
		NOx	Generator	199.86mg/N m3	NYS	1460	Annual	No	1/4/2015	Md.Nantu Molla (Kabir) Senior Manager, Compliance	Md. Alauddin Officer (Environmental Compliance)	
		SO2	Generator	0.0%	NYS	860	Annual	No	1/4/2015	Md.Nantu Molla (Kabir) Senior Manager, Compliance	Md. Alauddin Officer (Environmental Compliance)	
13	<b>Gas Generator # 9</b>	O2	Generator	11.09%	NYS	15%	Annual	No	1/4/2015	Md.Nantu Molla (Kabir) Senior Manager, Compliance	Md. Alauddin Officer (Environmental Compliance)	
		CO	Generator	177.22	NYS	NYS	Annual	No	1/4/2015	Md.Nantu Molla (Kabir) Senior Manager, Compliance	Md. Alauddin Officer (Environmental Compliance)	
		CO2	Generator	0.97%	NYS	NYS	Annual	No	1/4/2015	Md.Nantu Molla (Kabir) Senior Manager, Compliance	Md. Alauddin Officer (Environmental Compliance)	
		NO	Generator	61.36	NYS	1460	Annual	No	1/4/2015	Md.Nantu Molla (Kabir) Senior Manager, Compliance	Md. Alauddin Officer (Environmental Compliance)	
		NOx	Generator	98.04	NYS	1460	Annual	No	1/4/2015	Md.Nantu Molla (Kabir) Senior Manager, Compliance	Md. Alauddin Officer (Environmental Compliance)	
		SO2	Generator	0	NYS	860	Annual	No	1/4/2015	Md.Nantu Molla (Kabir) Senior Manager, Compliance	Md. Alauddin Officer (Environmental Compliance)	
13	<b>Gas Generator # 10</b>	O2	Generator	14.19%	NYS	15%	Annual	No	1/4/2015	Md.Nantu Molla (Kabir) Senior Manager, Compliance	Md. Alauddin Officer (Environmental Compliance)	
		CO	Generator	104.58	NYS	NYS	Annual	No	1/4/2015	Md.Nantu Molla (Kabir) Senior Manager, Compliance	Md. Alauddin Officer (Environmental Compliance)	
		CO2	Generator	2.77%	NYS	NYS	Annual	No	1/4/2015	Md.Nantu Molla (Kabir) Senior Manager, Compliance	Md. Alauddin Officer (Environmental Compliance)	
		NO	Generator	68.71	NYS	1460	Annual	No	1/4/2015	Md.Nantu Molla (Kabir) Senior Manager, Compliance	Md. Alauddin Officer (Environmental Compliance)	
		NOx	Generator	169.69	NYS	1460	Annual	No	1/4/2015	Md.Nantu Molla (Kabir) Senior Manager, Compliance	Md. Alauddin Officer (Environmental Compliance)	

		SO2	Generator	0	NYS	860	Annual	No	1/4/2015	Md.Nantu Molla (Kabir) Senior Manager, Compliance	Md. Alauddin Officer (Environmental Compliance)	
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Prepared by

Checked by

Officer (Environmental Compliance)

Sr. Manager (Compliance)