

AIR EMISSION INVENTORY SHEET

Version 1

Name of Company/Production Unit: NAFA Apparels Ltd.

Updated on: Date: 15.01.2017

Responsible Person Name: Mahbubur Rahman
Designation: Officer, Admin & Compliance

| S.I. No | EMISSION POINT | NAME OF POLLUTANT | SOURCE/ EQUIPMENT | EMISSION AMOUNT (AND UNITS) | LEGAL EMISSION LIMIT(IF ANY) | MONITORING FREQUENCY | ANY CONTROLL DEVICES INSTALLED | DATE OF LAST AIR EMISSION TEST | EMERGENCY CONTACT PERSON(NAME, DESIGNATION & CONTACT NO.) | CHECKED BY(NAME & DESIGNATION) | CHECKED ON(DATE - FORMAT DD/MM/YYYY) | REMARKS |
|---------|----------------|------------------------------------|--|-----------------------------|--|----------------------|--------------------------------|--------------------------------|---|---|--------------------------------------|---------|
| 1 | Stack Point 01 | Carbon Mono Oxide (CO) | Generator Brand: Tempest Perkins Fuel Type: Diesel Capacity: 800 KVA | Not Measured | 10 mg/m3 - 8 Hour | Annual | No | N/A | Muhibul Rahman, Assistant Manager, Maintenance 01623-500338 | Engr. Siful Islam, Officer-EMS, 01737020786 | 16-01-2017 | |
| 2 | | | | | 40 mg/m3 - 1 Hour | Annual | No | N/A | | | | |
| 3 | | Oxides of Nitrogen (Nox) | | | 100 µg/m ³ - Annual | Annual | No | N/A | | | | |
| 4 | | Oxides of Sulpher (Sox)/ SO3 | | Not Measured | 80 µg/m3 - Annual 365 µg/m3 - 24 Hour | Annual | No | N/A | | | | |
| 5 | | Suspended Particulate Matter (SPM) | | Not Measured | 200 µg/m3 - 8 Hour | Annual | No | N/A | | | | |
| 6 | | Particulate Matter (PM 2.5) | | Not Measured | 15 µg/m3 - Annual 65 µg/m3 - 24 Hour | Annual | No | N/A | | | | |
| 7 | | Particulate Matter (PM 10) | | Not Measured | 50 µg/m3 - Annual 150 µg/m3 - 24 Hour | Annual | No | N/A | | | | |
| 8 | | Lead (pb) | | Not Measured | 0.5 µg/m3 - Annual | Annual | No | N/A | | | | |
| 9 | | Ozone (O3) | | Not Measured | 235 µg/m3 - 1 Hour 157µg/m3 - 8 Hour | Annual | No | N/A | | | | |
| 10 | | Volatile Organic Compounds (VOCs) | | Not Measured | No Legal Emission Limit | Annual | No | N/A | | | | |
| 11 | | Carbon Di Oxide (CO2) | | Not Measured | No legal Emission Limit | Annual | No | N/A | | | | |

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|---------|----------------|------------------------------------|---|-----------------------------|--|----------------------|--------------------------------|--------------------------------|---|---|--------------------------------------|---------|
| 1 | Stack Point 02 | Carbon Mono Oxide (CO) | Generator Brand: Scania Fuel Type: Diesel Capacity: 350 KVA | Not Measured | 10 mg/m3 - 8 Hour | Annual | No | N/A | Muhibul Rahman, Assistant Manager, Maintenance 01623-500338 | Engr. Siful Islam, Officer-EMS, 01737020786 | 16-01-2017 | |
| 2 | | | | | 40 mg/m3 - 1 Hour | Annual | No | N/A | | | | |
| 3 | | Oxides of Nitrogen (Nox) | | | 100 µg/m ³ - Annual | Annual | No | N/A | | | | |
| 4 | | Oxides of Sulpher (Sox)/ SO3 | | Not Measured | 80 µg/m3 - Annual 365 µg/m3 - 24 Hour | Annual | No | N/A | | | | |
| 5 | | Suspended Particulate Matter (SPM) | | Not Measured | 200 µg/m3 - 8 Hour | Annual | No | N/A | | | | |
| 6 | | Particulate Matter (PM 2.5) | | Not Measured | 15 µg/m3 - Annual 65 µg/m3 - 24 Hour | Annual | No | N/A | | | | |
| 7 | | Particulate Matter (PM 10) | | Not Measured | 50 µg/m3 - Annual 150 µg/m3 - 24 Hour | Annual | No | N/A | | | | |
| 8 | | Lead (pb) | | Not Measured | 0.5 µg/m3 - Annual | Annual | No | N/A | | | | |
| 9 | | Ozone (O3) | | Not Measured | 235 µg/m3 - 1 Hour 157µg/m3 - 8 Hour | Annual | No | N/A | | | | |
| 10 | | Volatile Organic Compounds (VOCs) | | Not Measured | No Legal Emission Limit | Annual | No | N/A | | | | |
| 11 | | Carbon Di Oxide (CO2) | | Not Measured | No legal Emission Limit | Annual | No | N/A | | | | |

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|---------|----------------|------------------------------------|---|-----------------------------|--|----------------------|--------------------------------|--------------------------------|--|---|--------------------------------------|---------|
| 1 | Stack Point 03 | Carbon Mono Oxide (CO) | Boiler Brand: Zamho Fuel Type: Duel Fuel Boiler No: BB-8109 Capacity: 600 Kg | Not Measured | 10 mg/m3 - 8 Hour | Annual | No | N/A | Muhibul Rahman, Assistant Manager, Maintenance 01623-500338 | Engr. Siful Islam, Officer-EMS, 01737020786 | 16-01-2017 | |
| 2 | | | | | 40 mg/m3 - 1 Hour | Annual | No | N/A | | | | |
| 3 | | Oxides of Nitrogen (Nox) | | Not Measured | 100 µg/m ³ - Annual | Annual | No | N/A | | | | |
| 4 | | Oxides of Sulpher (Sox)/ SO3 | | Not Measured | 80 µg/m3 - Annual 365 µg/m3 - 24 Hour | Annual | No | N/A | | | | |
| 5 | | Suspended Particulate Matter (SPM) | | Not Measured | 200 µg/m3 - 8 Hour | Annual | No | N/A | | | | |
| 6 | | Particulate Matter (PM 2.5) | | Not Measured | 15 µg/m3 - Annual 65 µg/m3 - 24 Hour | Annual | No | N/A | | | | |
| 7 | | Particulate Matter (PM 10) | | Not Measured | 50 µg/m3 - Annual 150 µg/m3 - 24 Hour | Annual | No | N/A | | | | |
| 8 | | Lead (pb) | | Not Measured | 0.5 µg/m3 - Annual | Annual | No | N/A | | | | |
| 9 | | Ozone (O3) | | Not Measured | 235 µg/m3 - 1 Hour 157µg/m3 - 8 Hour | Annual | No | N/A | | | | |
| 10 | | Volatile Organic Compounds (VOCs) | | Not Measured | No Legal Emission Limit | Annual | No | N/A | | | | |
| 11 | | Carbon Di Oxide (CO2) | | Not Measured | No legal Emission Limit | Annual | No | N/A | | | | |

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|---------|----------------|------------------------------------|---|-----------------------------|--|----------------------|--------------------------------|--------------------------------|--|---|--------------------------------------|---------|
| 1 | Stack Point 04 | Carbon Mono Oxide (CO) | Boiler Brand: Zamho Fuel Type: Duel Fuel Boiler No: BB-6122 Capacity: 500 Kg | Not Measured | 10 mg/m3 - 8 Hour | Annual | No | N/A | Muhibul Rahman, Assistant Manager, Maintenance 01623-500338 | Engr. Siful Islam, Officer-EMS, 01737020786 | 16-01-2017 | |
| 2 | | Oxides of Nitrogen (Nox) | | Not Measured | 40 mg/m3 - 1 Hour | Annual | No | N/A | | | | |
| 3 | | | | Not Measured | 100 µg/m ³ - Annual | Annual | No | N/A | | | | |
| 4 | | Oxides of Sulpher (Sox)/ SO4 | | Not Measured | 80 µg/m3 - Annual 365 µg/m3 - 24 Hour | Annual | No | N/A | | | | |
| 5 | | Suspended Particulate Matter (SPM) | | Not Measured | 200 µg/m3 - 8 Hour | Annual | No | N/A | | | | |
| 6 | | Particulate Matter (PM 2.5) | | Not Measured | 15 µg/m3 - Annual 65 µg/m3 - 24 Hour | Annual | No | N/A | | | | |
| 7 | | Particulate Matter (PM 10) | | Not Measured | 50 µg/m3 - Annual 150 µg/m3 - 24 Hour | Annual | No | N/A | | | | |
| 8 | | Lead (pb) | | Not Measured | 0.5 µg/m3 - Annual | Annual | No | N/A | | | | |
| 9 | | Ozone (O3) | | Not Measured | 235 µg/m3 - 1 Hour 157µg/m3 - 8 Hour | Annual | No | N/A | | | | |
| 10 | | Volatile Organic Compounds (VOCs) | | Not Measured | No Legal Emission Limit | Annual | No | N/A | | | | |
| 11 | | Carbon Di Oxide (CO2) | | Not Measured | No legal Emission Limit | Annual | No | N/A | | | | |

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|---------|----------------|------------------------------------|---|-----------------------------|--|----------------------|--------------------------------|--------------------------------|--|---|--------------------------------------|---------|
| 1 | Stack Point 05 | Carbon Mono Oxide (CO) | Boiler Brand: Zamho Fuel Type: Duel Fuel Boiler No: BB-6123 Capacity: 500 Kg | Not Measured | 10 mg/m3 - 8 Hour | Annual | No | N/A | Muhibul Rahman, Assistant Manager, Maintenance 01623-500338 | Engr. Siful Islam, Officer-EMS, 01737020786 | 16-01-2017 | |
| 2 | | Oxides of Nitrogen (Nox) | | Not Measured | 40 mg/m3 - 1 Hour | Annual | No | N/A | | | | |
| 3 | | | | Not Measured | 100 µg/m ³ - Annual | Annual | No | N/A | | | | |
| 4 | | Oxides of Sulpher (Sox)/ SO4 | | Not Measured | 80 µg/m3 - Annual 365 µg/m3 - 24 Hour | Annual | No | N/A | | | | |
| 5 | | Suspended Particulate Matter (SPM) | | Not Measured | 200 µg/m3 - 8 Hour | Annual | No | N/A | | | | |
| 6 | | Particulate Matter (PM 2.5) | | Not Measured | 15 µg/m3 - Annual 65 µg/m3 - 24 Hour | Annual | No | N/A | | | | |
| 7 | | Particulate Matter (PM 10) | | Not Measured | 50 µg/m3 - Annual 150 µg/m3 - 24 Hour | Annual | No | N/A | | | | |
| 8 | | Lead (pb) | | Not Measured | 0.5 µg/m3 - Annual | Annual | No | N/A | | | | |
| 9 | | Ozone (O3) | | Not Measured | 235 µg/m3 - 1 Hour 157µg/m3 - 8 Hour | Annual | No | N/A | | | | |
| 10 | | Volatile Organic Compounds (VOCs) | | Not Measured | No Legal Emission Limit | Annual | No | N/A | | | | |
| 11 | | Carbon Di Oxide (CO2) | | Not Measured | No legal Emission Limit | Annual | No | N/A | | | | |