

Name of the unit	Polyfibre Industries P. Ltd.	
Address	Sr. No. 185/1/1, Plot no.6-A, Village Amli Dockmardi, Silvassa.	
Area	Amli	
Category	II	
Applied for	Operate under Water Act and Air Act.	
Consent granted for	Establish under Water Act and Air Act for manufacturing of "Pet Flakes - (from 1 st generation in house plastic waste (Crushed pet bottles waste) - 3600 MTPA".	
Validity of Previous issued consent upto	31/08/2017	
Sr. No.	Documents required	Submitted
1.	Application in Form XIII under Water Act.	Yes, at (C/183)
2.	Application in Form I under Air Act.	Yes, at (C/177)
3.	Declaration giving details of capital investment including land, building and plant & machinery without description.	Yes, at (C/169)
4.	Consent fees under Water Act and Air Act.	Yes, Rs.15,000/- at (C/179)
5.	Environment statement in FORM V.	Not Applicable
6.	Application for authorization to handle hazardous waste and industry data sheet.	Yes, at (C/161)
7.	Copy of hazardous waste manifest in Form 10.	Not Applicable
8.	Copy of membership of common TSDF.	Not Applicable
9.	Copy of analysis of treated effluent.	Not Submitted
10.	Copy of stack monitoring report and ambient air quality monitoring report.	Not Submitted
Effluent discharge with quantity		
	Consumption	Discharge
Domestic water	1000 Liter/Day	1000 Liter/Day
Industrial water	1875 Liter/Day	1875 Liter/Day
Air Emission		
Installation	Fuel used	Stack/Acoustic
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Details of Effluent Treatment Plant/APCDS		
ETP	Not Installed	
APCDS	---	
Monitoring Reports		
Treated Effluent Analysis Report		
	Norms as per consent	As per report
pH	6.5-9.0	--
Suspended Solids	Not to exceed 100 mg/Lit	--
BOD	Not to exceed 100 mg/Lit	--
COD	Not to exceed 250 mg/Lit	--
Oil & grease	Not to exceed 10 mg/Lit	--

Quality of Emission from Stack

	Norms as per consent	As per report
Particulate Matter	150 mg/NM ³	--
SO ₂	40 mg/NM ³	--
NO _x	25 mg/NM ³	--

Ambient Air Quality Report

	Norms as per consent	As per report
Particulate Matter ₁₀	100 µg/m ³	--
Particulate Matter _{2.5}	60 µg/m ³	--
NO ₂	80 µg/m ³	--
SO ₂	80 µg/m ³	--

The unit was inspected on 13/06/2017 in presence of Mr. Sachin Deshmukh (representative of the unit). At the time of inspection following observations were noted;

- Environmental display sign board was not installed.
- The unit was in operation at the time of inspection.
- For manufacturing of **PET (Polyethylene-tetra-phthalate) Flexes** from out sourced dirty PET scrap bottles unit had installed machineries in a series:
Washing tank - Spin dryer - Hot wash tank - Water tank - Spin dryer - Cutting machine
- The unit has not installed any Effluent Treatment Plant for treating generated effluent from washing of dirty PET scrap bottles.
- Generated solid waste or sludge from washing activities were observed stored in the industrial premises of the unit.
- The unit had also installed a **Boiler of Capacity 600 Kg/hr** which is operational by utilizing F.O. as fuel. The unit has never obtained Establish Consent for installing Boiler of Capacity 600 Kg/hr.
- Housekeeping observed was very poor.

Based upon the above mentioned observations a notice of direction is prepared and placed in the file.

Submitted for your kind perusal and further needful, Sir please. *Antosh*

Member Secretary

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