

**Action Taken Report of M/s. Rajni Processors (GPCB ID 10074)
Sr. no. 49, Umervada, Surat, Dist- Surat.**

**In the matter before the Hon'ble NGT Order O.A No.330 of 2019 i.e.
Balaji God Lateetaben Savaiya V/s State of Gujarat.**

1) Major points in complaint:

Petcoke was being used as alleged and what are the mitigation measures for bringing ambient air quality within norms.

2) Direction:

As per order dated dated 18-09-2019 "Let the State PCB file action taken report"

3) Latest compliance subsequent to earlier Action Taken Report

Regional Office-Surat has visited this unit with reference to verification on dated 19/10/2019 Salient features of inspection report are as follows:

- a. Unit is engaged in production of Dyeing & Printing of Art Silk Fabrics – 9,00,000 Meter/Month
- b. During visit production plant is observed in operation.
- c. Generated waste water from process is treated into provided primary and secondary ETP and discharge in to Surat Municipal Corporation underground drain. Unit is also reusing part of treated waste water in water scrubber provided with boiler.
- d. Unit has provided one coal base steam Boiler (capacity 4 TPH) and one coal base Thermic Fluid Heater (TFH) (capacity 1500 U) having common stack. Unit has provided multi cyclone separator (MCS) followed by water scrubber attached with Boiler and multi cyclone separator followed by bag filter with Thermic fluid heater as Air Pollution control measures (APCM).
- e. During visit Boiler, TFH and provided all APCM are found in operation.
- f. Use of imported coal as fuel is going on and auto fuel feeding system is found in operation.

- g. No any other types of fuel like Petroleum coal (Pet coke) is being used.
- h. To control fugitive emission unit has provided,
- Water sprinkling system at coal storage area.
 - Water sprinkling system at fly ash storage area.
 - Tarpaulin cloth are use to cover the coal.
 - Bag filter and multi cyclone separator dust outlet is covered with bag to control fugitive emission.
- i. Analysis report dated 21-10-2019 of air sample collected from common stack attached to Boiler and TFH through APCM shows concentration of
1. PM= 92.0 mg/Nm³ (Limit=150mg/Nm³,)
 2. SO₂=63.0 ppm (Limit=100ppm),
 3. NO_x=11.9 ppm (limit=50 ppm)
- j. Analysis report dated 21-10-2019 of Ambient air sample collected shows concentration of
1. Sox Amb=37.5µg/ NM³(Limit=80 µg/ NM³)
 2. NO_x Amb=21.5µg/ NM³(limit=80 µg/ NM³)
 3. PM10 Amb= 76.0 µg/ NM³(limit = 100 µg/ NM³)

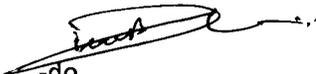
Encl:- 1) Inspection report dated 19-10-2019
2) Analysis report dated 21-10-2019

Inspection Report

Name and Address of the Unit	M/s. Rajni Processors (GPCB ID 10074) Sr. no. 49, Umervada, Surat, Dist- Surat
Date & Time of visit	19-10-2019 at 11:00 hrs
Visited by	D. M. Rathod (D.E.E.) L. V. Brambhatt (S.S.A.)
Person Contacted	Shri Dipakbhai R. Chevli (Partner)
Reference	HO Reference.
Direction as per Hon'ble NGT order dated 18-09-2019 1. Whether Petroleum coal (Pet coke) was being used as alleged. 2. What are the mitigation measures for bringing ambient air quality within norms.	Compliance status during visit. 1. Use of imported coal as fuel is going on and auto fuel feeding system is found in operation. No any other types of fuel like Petroleum coal (Pet coke) is being used. 2. To control fugitive emission unit has provided, 1. Water sprinkling system at coal storage area. 2. Water sprinkling system at fly ash storage area. 3. Tarpaulin cloth are use to cover the coal. 4. Bag filter and multi cyclone separator dust outlet is covered with bag to control fugitive emission.
Other Relevant Information	Unit is engaged in production of Dyeing & Printing of Art Silk Fabrics – 9,00,000 Meter/Month, CCA valid up to 25-03-2023. During visit production plant is found in operation, out of 02 nos of stenters during visit 1 stenter is found in operation. Source of water supply is from bore well. Generated waste water from process is treated into provided primary and secondary ETP and discharge in to Surat Municipal Corporation underground drain. Unit is also reusing part of waste water in water scrubber provided with boiler. One waste water sample is collected from final outlet of ETP; details are as per data sheet. Unit has provided one coal base steam Boiler (capacity 4 TPH) and one TFH (capacity 1500 U) having common stack. Unit has provided multi cyclone separator (MCS) followed by water scrubber attached with Boiler and multi cyclone separator followed by bag filter with Thermic fluid heater as Air Pollution control measures (APCM). Separate energy meter is provided for Air Pollution control measures & reading noted as: 16093.2 KWH (for TFH) and 06542.7 KWH (for Boiler). During visit Boiler, TFH and provided all APCM are found in operation. Use of imported coal as fuel is going on and auto fuel feeding system is found in operation. No any other types of fuel like pet coke is observed at unit Boiler house area. One flue gas stack sample is collected from common stack attached to boiler & TFH through

	APCM, details are as per data sheet. During visit one AAQM sample is also collected, details are as per data sheet. General housekeeping and ambient air quality is observed normal.
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-do
L. V. Brambhatt
SSA


-do
D. M. Rathod
DEE



Gujarat Pollution Control Board

Regional Office-SURAT

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NO.GPCB/RO/SURAT -LAB-59/3521/2019

Date: 27 OCT 2019

ANALYSIS REPORT

Sector Name: Rajni Processors (GPCB ID:-10074)
Umervada, Surat - 395004

Lab ID/Sample ID: 37626/268825

Date of Inspection and Time: 19/10/2019 , (1115 to 1145)

Sampling Point: Common stack attached to Boiler & Thermopek through APCM ~

Fuel: Imported coal

APCM: Mcs, Bag Filter, Water Scrubber

Sample No:320

Sr.No	Parameter Name	Unit	Results
1	1 - PM-Stack	MG/NM3	92.0
2	22 - SO2-Stack	PPM	63.0
3	40 - NOX-Stack	PPM	11.9

Dr Avnesh Sharma
(Regional Head Laboratory, Surat)



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NO.GPCB/RO/SURAT -LAB-59/ 3522 /2019

Date:21-10-2019

ANALYSIS REPORT

Sector Name: Rajni Processors (GPCB ID:-10074)
Umervada, Surat - 395004

Lab ID/Sample ID: 37627/268830

Date of Inspection and Time: 19/10/2019 , (1130 to 1530) ,

Sampling Point: Ambient Sampling Point ~ AAQM carried on the terrace of M/s Rajni Processors, P.No.49, Umarwada, Surat

Sample No:321

Sr.No	Parameter Name	Unit	Results
1	4 - SOX-Amb	MICROG/M3	37.5
2	62 - NOX-Amb *	MICROG/M3	21.5
3	100 - PM10-Amb	MICROG/M3	76.0

Dr Avnesh Sharma
(Regional Head Laboratory, Surat)