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**BEFORE THE HON'BLE NATIONAL GREEN TRIBUNAL NEW
DELHI**

OA NO. 269/2024

In the matter of

SANAVVAR

Applicant

versus

State of UP & Ors

Respondents

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New Delhi

20.11.2024

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BEFORE THE HON'BLE NATIONAL GREEN TRIBUNAL NEW DELHI

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SANAVVAR

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State of UP & Ors

Respondents

STATUS REPORT ON BEHALF OF AMICUS CURIE

1. That the present Letter petition has been registered Suo Moto by the Hon'ble Tribunal concerning the huge air pollution is being caused by emission of poisonous industrial gases and black smoke by various industrial units situated at District Muzaffar Nagar Uttar Pradesh.
2. That after going through the seriousness of the issue, the Hon'ble Tribunal was pleased to appoint the undersigned as Amicus Curie in the present matter to assist the Hon'ble Tribunal.
3. That vide Order dated 17.10.2024, the Hon'ble Tribunal allowed the undersigned to visit the sites of concerned industries physically. That in furtherance of the same the undersigned visited the various industries on 15.11.2024 in presence of UPPCB officials namely Mr Imran Ali and Mr Manish. The status report with respect to the industries visited by undersigned is as follows:

KK Duplex Paper Mills.


4. The industry is located on the main Jansath road and have two portions separated by public road. One part consists of main plant where the waste paper is processed into finished paper through machines. The Unit is ZLD where the effluent from the Machines gets via overground/open drains into ETP. ETP stated to be 3000

926

KLD capacity was found having flowmeter installed. The final sludge was also being sent into pulper. However the sludge was found lying in open at various points near the ETP.





Overground drain channels 



Sludge from ETP lying in the open area



929

The Unit has one Sedicell of 200 m³ capacity. ↓



The Unit requires Steam in Paper generation process and this steam is procured from Boiler installed at Other portion of the Unit separated by common street. Unit has a separate Boiler and Waste to Energy Plant of 3MW capacity which uses NRSW and RDF as fuel.






The Waste to Energy Plant is also fitted with Bag filter to collect the solid particles.

931




RDF as fuel 








Waste to Energy Plant 

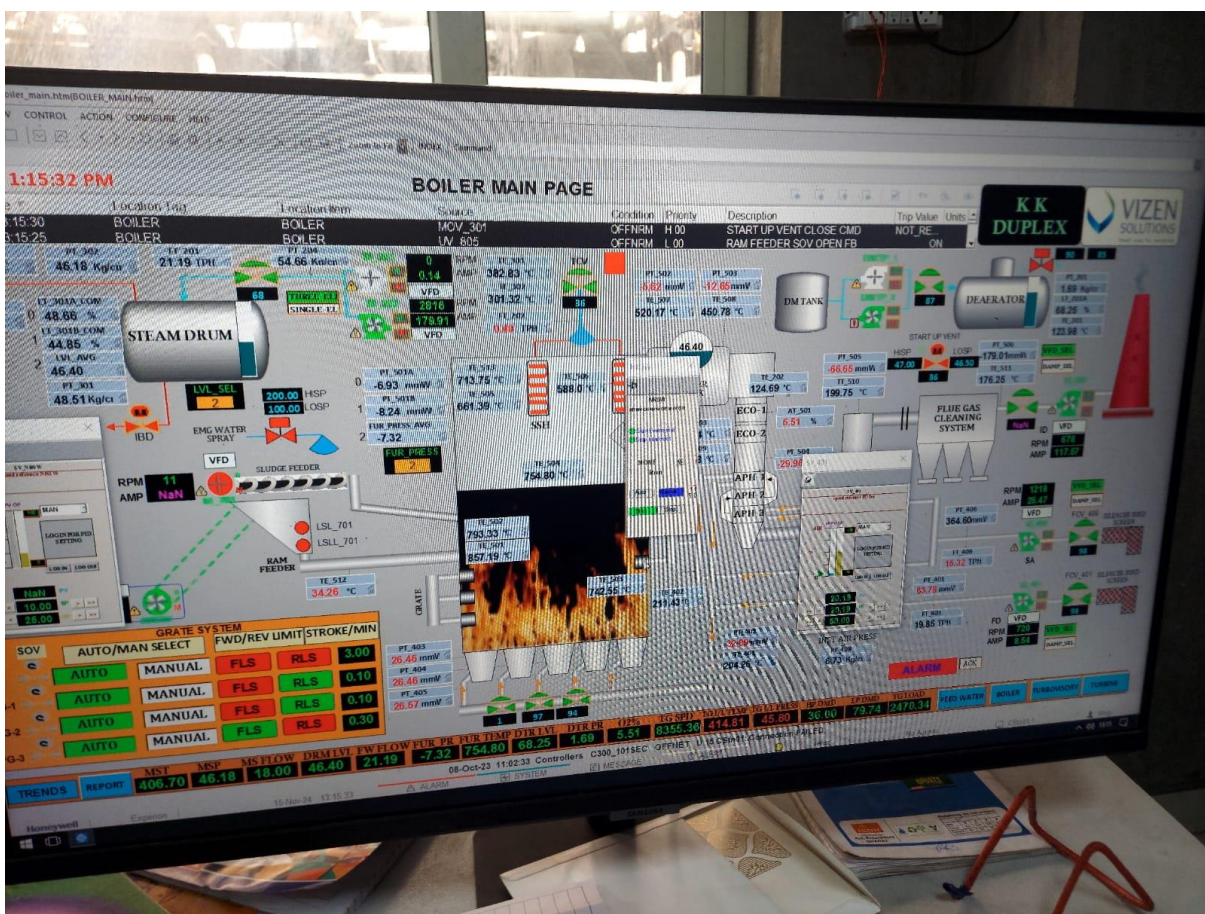
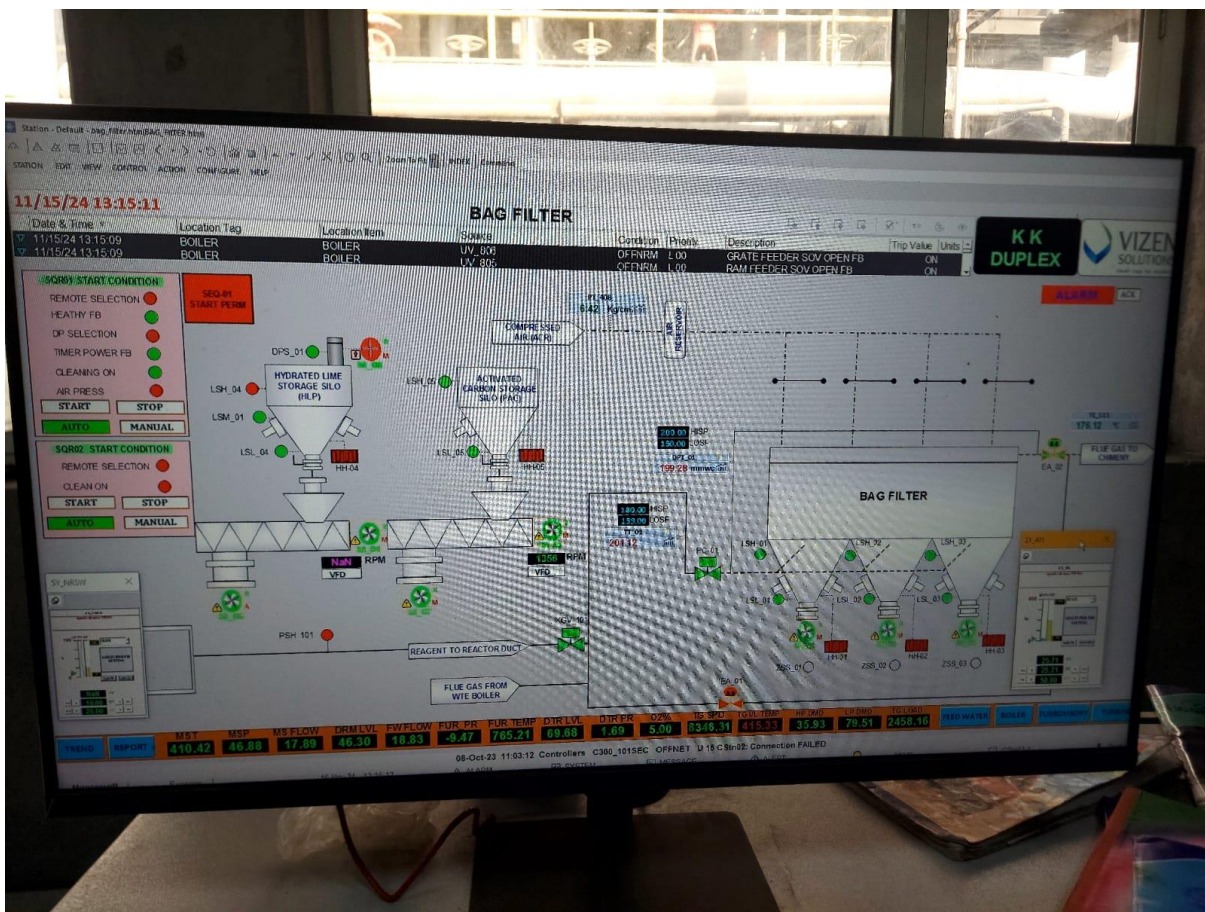


Ash from WTE Plant 



Ash from Boiler 







Stack. No visible emission found during operation

The officials of the Unit submitted that they are disposing the fly ash to the brick Kilns and low-lying areas.

However, the undersigned found that the some liquid was oozing out from through holes in the boundary wall, into the drain located on the adjoining street.



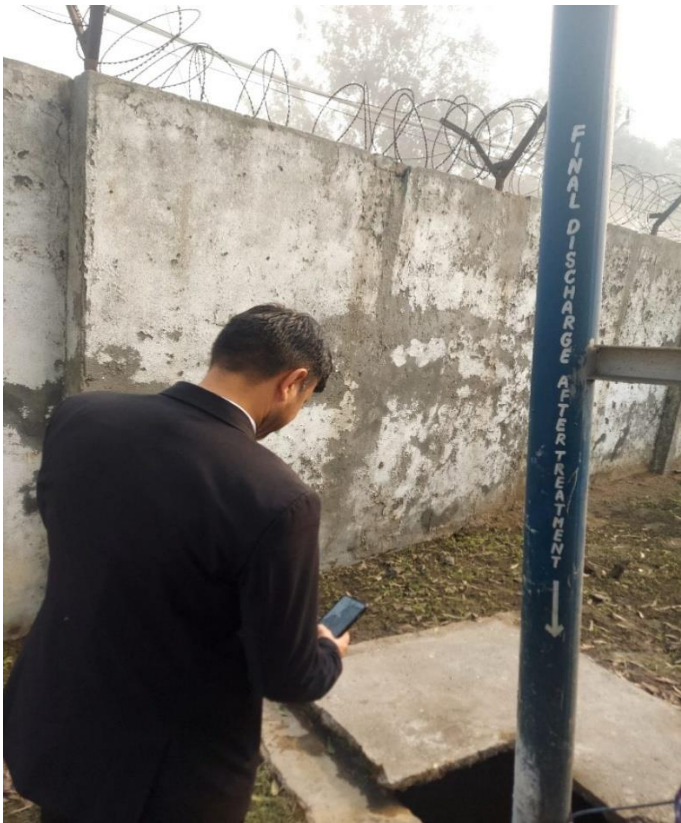




939**M/s Gulshan Polyols Ltd**

That the Unit is a food processing Unit having ETP with final discharge into the adjoining Dhandera drain. Flowmeter was found installed at the final outlet of the ETP. Log Book was found maintained. Two Digestors was installed. One was not found working.





941

However, after going through the log book it was found that flowmeter at inlet has been installed in July 2024 only.

DATE	Starch Division Equalization tank flow meter No-01			(GPD) Equalization tank flow meter No-02			Total Total (m ³)
	Initial reading	Final reading	Total (m ³)	Initial reading	Final reading	Total (m ³)	
01/07/24	0.00	500	500 m ³	0.0	650	650 m ³	1150 m ³
02/07/24	500	980	480 m ³	650	1370	720 m ³	1200 m ³
03/07/24	980	1530	550 m ³	1370	2040	670 m ³	1200 m ³
04/07/24	1530	2030	500 m ³	2040	2740	700 m ³	1200 m ³
05/07/24	2030	2540	510 m ³	2740	3330	590 m ³	1100 m ³
06/07/24	2540	3040	500 m ³	3330	3920	650 m ³	1150 m ³
07/07/24	3040	3530	550 m ³	3920	4580	600 m ³	1150 m ³
08/07/24	3530	3930	400 m ³	4580	5260	680 m ³	1080 m ³
09/07/24	3930	4545	555 m ³	5260	5905	645 m ³	1200 m ³
10/07/24	4545	5050	505 m ³	5905	6500	595 m ³	1100 m ³
11/07/24	5050	5650	600 m ³	6500	7050	550 m ³	1150 m ³
12/07/24	5650	6150	500 m ³	7050	7670	620 m ³	1120 m ³
13/07/24	6150	6670	520 m ³	7670	8300	630 m ³	1150 m ³
14/07/24	6670	7178	508 m ³	8300	8942	642 m ³	1150 m ³
15/07/24	7178	7558	380 m ³	8942	9512	570 m ³	950 m ³
16/07/24	7558	7960	402 m ³	9512	10210	698 m ³	1100 m ³
17/07/24	7960	8410	450 m ³	10210	10760	550 m ³	1000 m ³
18/07/24	8410	8910	500 500 m ³	10760	11380	620 m ³	1120 m ³
19/07/24	8910	9460	550 m ³	11380	11980	600 m ³	1150 m ³
20/07/24	9460	9940	480 m ³	11980	12600	620 m ³	1100 m ³
21/07/24	9940	10450	510 m ³	12600	13230	630 m ³	1140 m ³
22/07/24	10450	10650	200 m ³	13230	13780	550 m ³	750 m ³
23/07/24	10650	11150	500 m ³	13780	14230	450 m ³	950 m ³
24/07/24	11150	11660	510 m ³	14230	14620	390 m ³	900 m ³
25/07/24	11660	12150	490 m ³	14620	15230	610 m ³	1100 m ³
26/07/24	12150	12750	600 m ³	15230	15630	400 m ³	1000 m ³
27/07/24	12750	13268	518 m ³	15630	16212	582 m ³	1100 m ³
28/07/24	13268	13748	480 m ³	16212	16812	600 m ³	1100 m ³
29/07/24	13748	14338	590 m ³	16812	17492	680 m ³	1060 m ³
30/07/24	14338	14943	605 m ³	17492	17777	495 m ³	1100 m ³
31/07/24	14943	15493	550 m ³	17777	18269	492 m ³	980 m ³

Log Book page of Inlet flow meter




At inlet the effluent is being collected in four tanks and it is channelised in four tanks as shown in below photographs. Last Tank was having dried sludge. And it appeared that flow of effluent into last tank started on the day of visit only.







Dried sludge at last tank 

The final discharge from ETP is being discharged into the Dhandera drain.





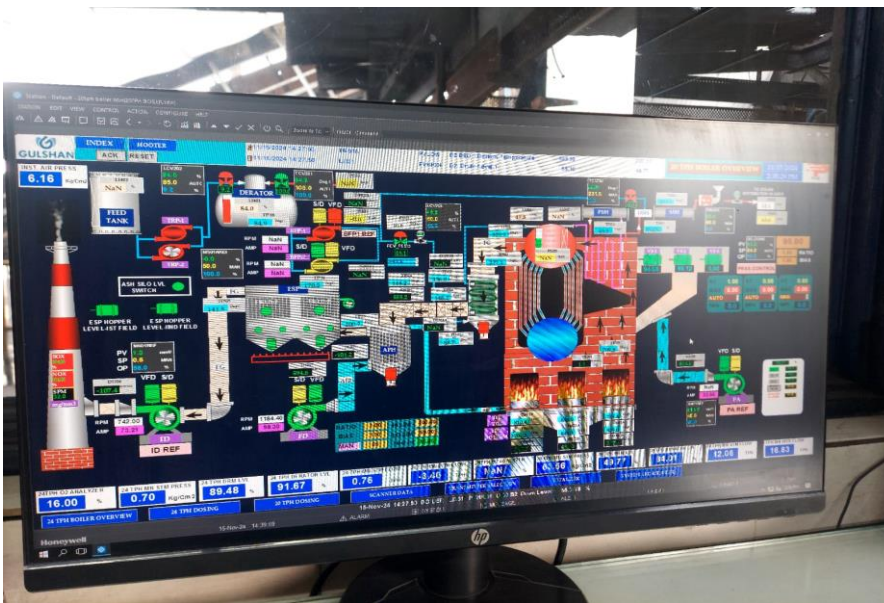


947

That the Unit has two boilers of capacity 24 and 20 TPH. During the time of visit one Boiler of 24 TPH was stated to be under maintenance and thus not in operation. Coal is used as Fuel.

The boilers were stated to be fitted with ESP Technology. And fly ash was stated to be disposed off at low lying areas. And per day generation of the fly ash was stated to be 12 Tons.







However, on asking about the disposal of flyash, the representatives could not give any answer. when the undersigned observed the Stack opening, no visible smoke was there. However when the undersigned left the Unit at around 3.15 pm. thereafter approx. two hour later in the evening time very dense smoke was found to be coming out from the Stack, which was stated by Board officials belonging to M/s Gulshan Polyols Ltd.



↑ Black Smoke coming out from the Gulshan Polyol during evening time.

952

Orient Board Paper Mill

The Unit was located at the road along side the Dhandera drain. Unit was found in operation during the visit.

The Unit is having ETP capacity of 650 KLD. But no ZLD. The final biological sludge is stated to be sent to Bharat Oil HWM and the Non biological sludge was stated to be reused.

The Unit was having one boiler which was found in operation and using RDF and Bio Mass as fuel with stated permission of 75 Ton Agro fuel and 250 Ton RDF per day.

The Unit was stated to be disposing of flyash in its own open fields and land filling.

The Boiler was receiving the RDF as fuel which appeared to be mixed waste with foul smell coming out from the area similar to MSW.



953

The appearance of the boiler was not in good condition and from top to bottom was covered with flyash powder. OCEMS was not there.



The Boiler was releasing smoke in the middle portion of the staircase.



The smoke coming/leaking out from the Boiler below the stack. ↑

In few minutes of standing near the Boiler the undersigned clicked photo of his notes and found the black fugitive particles on the notepad coming out from the boiler. ↓

956

Digital readings at the Boiler was not equipped to show Sox and Nox emissions. ↓



957

M/S Ram Ji Enterprises

The Unit is a Tyre Pyrolysis Unit but found closed. However there was fly ash all around the area. And many heaps of fly ash was lying at the entry of the Unit. Viscous liquid was found on the ground at various points at Unit.





959

M/S VINAYAK INDUSTRIES

That Unit was found lying closed and the Boilers were being dismantled and found being lifted by cranes. However the raw materials i.e., Tyres were lying there.





961

ARG RUBBER PROCESSED OIL INDUSTRIES

This Tyre Pyrolysis Unit was found closed and appeared to be not in operation for long time.







964

MAHALAXMI CRAFTS AND TISSUES PVT LTD

The Unit was found in Operation and claimed to be ZLD. IT was told that due to bereavement in the family, unit was closed for three days and has resumed operation on day of visit. The Unit has ETP with two small equalisation Tanks. The Unit claimed to take back the effluent from the primary clarifier back into pulper and machines.



Two unused lagoons were found with sludge and black water. On asking stated to be lying in this manner for past many months. ↓



ETP was having only one flowmeter which was placed at inlet only. However same was also not in working condition.

The Unit is having one Boiler run on RDF as fuel. The RDF lying at the site seemed to be mixed waste i.e., Municipal Solid Waste.



967

The reading of the Stack monitoring device show Sox as 112. And NOx as 65 as below.



The Boiler is having Fly ash collection point located at the bottom and stated to be fitted with Bag Filter. The fly ash is stated to be disposed of at low lying areas without giving any confirmed way of disposal. The Boiler was emitting huge concentrated smoke during visit which was stated to be because of fluctuation in electricity.





970

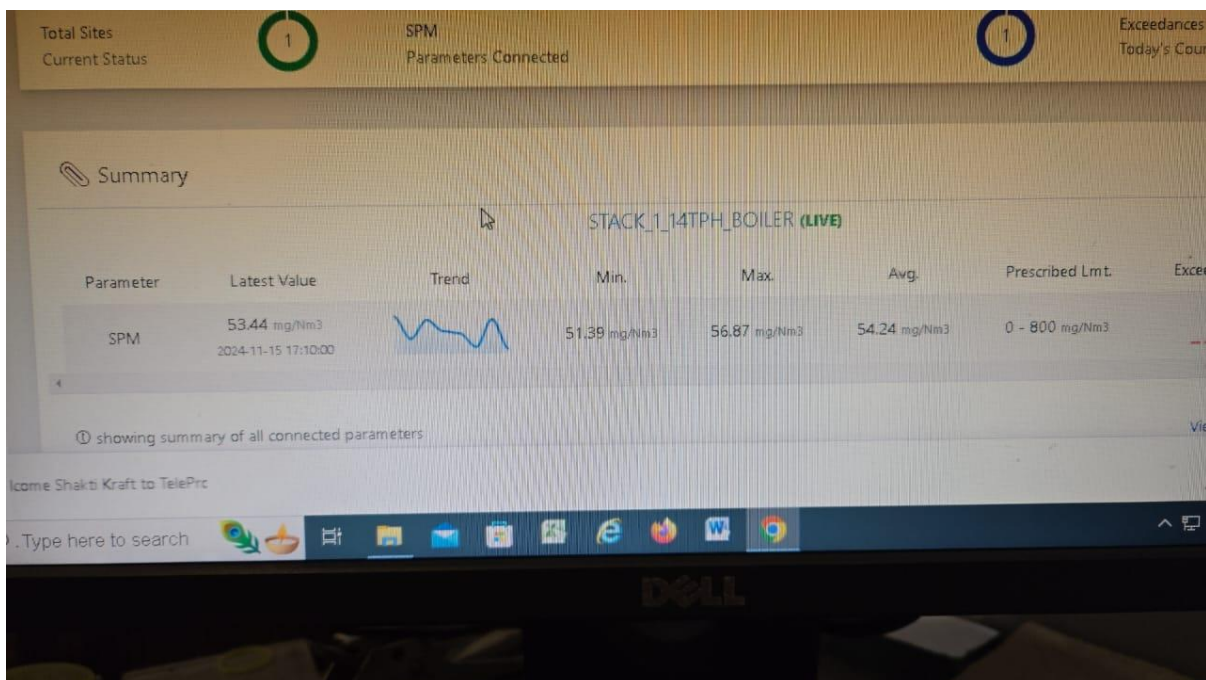
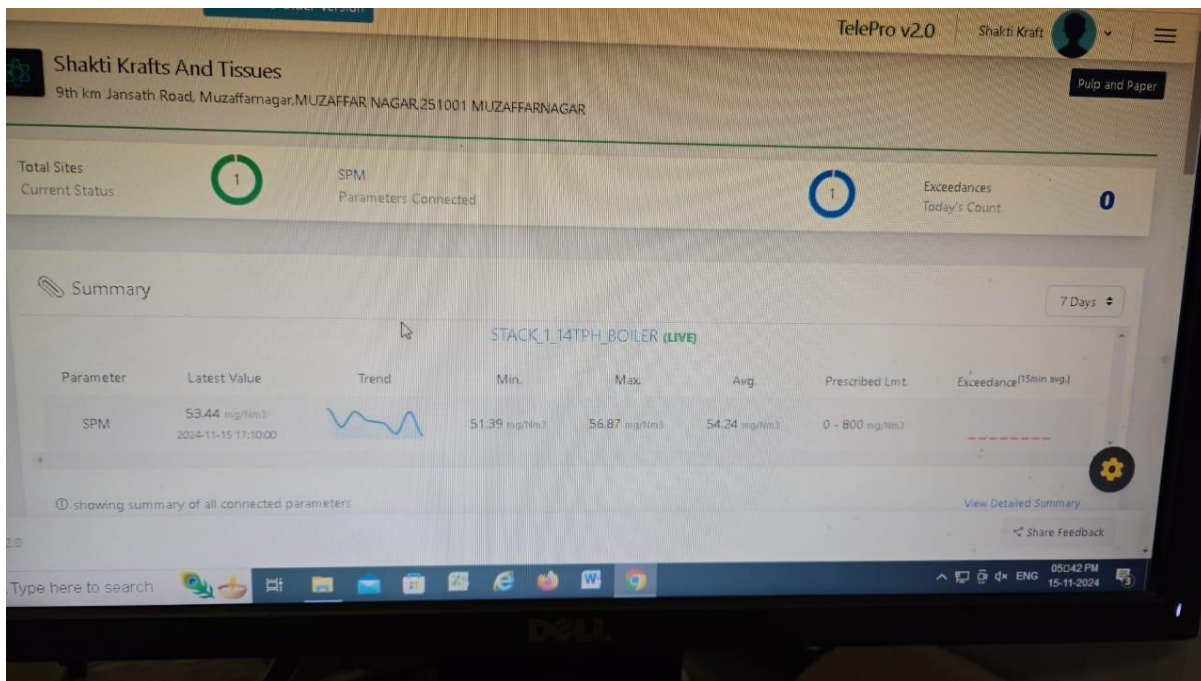
The stack appeared to be all black at the mouth and below it. No smoke was visible at stack.



971

M/S Shakti Crafts and Tissues

The Unit was not found in operation at the time of visit as there was no electricity in the Unit at the time of visit. After sometime, it was resumed. The Unit uses Baggase as Fuel for the Boiler having 14 Ton capacity. Unit was stated to ZLD.







974

MMD Green Energy Solutions

The Unit is the Tyre Pyrolysis Unit. It was not in operation during the visit. The Unit was having PLC installed. The ETP of 3KLD was found.

Two Boilers of 10 TPD were found installed. The PLC was found covered with black soot. Nitrogen purger was not found and representative informed that order has been placed.

Ground Water borewell was found. Permission was stated to be obtained. The Unit was having around 150 Ton of black carbon stored in bags. And around 150 Ton of raw tyres was lying in the Unit.











Observations w.r.t. Road starting from Main Jansath Road and going alongside the Dhandera drain and Jat Mujhera Drain and further till interiors.

This road is full of dust and flyash and single movement of vehicle releases huge fugitive dust in the Air. This road is dust laden and seems to be mixed with flyash.









**General Observations and Recommendations:**

Total 9 number of units and surrounding area could be inspected on 15.11.2024 till 6 pm.

1. The area is having problems of ash emission into air from stack emissions as noted in evening between 5 pm to 6 pm as reflected in photographs affixed below.
2. The smoke was coming out from many stacks which is required to be identified.
3. Apart from Gulshan Polyols another stack belonging to M/s Hanumat Paper Mill was found emitting dense black Smoke. One more stack belonging to Genus Paper Mill located in the same area was also found emitting black smoke.

984

4. The road adjoining the Dhandera drain and Jat Mujhera drain is required to be cleaned and made pucca.
5. Strict monitoring be done of stacks of all Paper and Pulp Industries to ensure their efficient working with provision to stop emission of ash into air.







Dense smoke from Genus paper Mill



New Delhi

20.11.2024

Filed by:

Handwritten signature of Rahul Khurana.

Rahul Khurana Adv
Amicus Curie