



## Shreyans Industries Limited

(Unit : Shreyans Papers)

Works : AHMEDGARH - 148 021, Distt. Malerkotla, Punjab.

CIN : L17115PB1979PLC003994  
Tel # 01675-240347, 0161-5206300  
Fax # 91-1675-240512  
E-mail : [spm@shreyansgroup.com](mailto:spm@shreyansgroup.com)  
website : [www.shreyansgroup.com](http://www.shreyansgroup.com)

SIL: SP: WORKS: CMD: 2022-23/ 107

24<sup>th</sup> August, 2022

**The Environmental Engineer**  
**Punjab Pollution control Board**  
Regional office  
Industrial Focal point  
Sunam Road  
**Sangrur-148001**

Sub: **Environmental Audit Report**

Dear Sir,

We are enclosing herewith Environmental Audit Report, on prescribed Performa, in respect of our mills for the financial year ending on 31<sup>st</sup> March, 2022.

You are requested to acknowledge the receipt.

Thanking you,

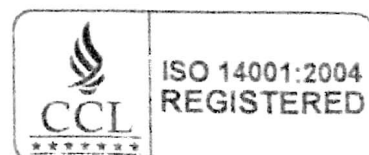
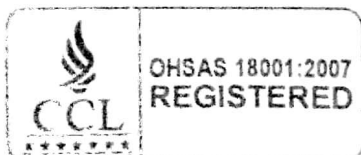
Yours faithfully,  
FOR SHREYANS INDUSTRIES LTD  
(Unit:-Shreyans Papers)

**[RAJNEESH OSWAL]**  
**CHAIRMAN & MANAGING DIRECTOR**

Copy to: **The Environmental Engineer**  
**Punjab Pollution control Board**  
Nabha road,  
**Patiala-147 004**

Encl: a/a

Regd. Office- Village Bhalapur, P.O. Sahabana, Chandigarh Road Ludhiana-141123, Ph.: 0161-2685271, 2685272, Fax: 0161-2635270





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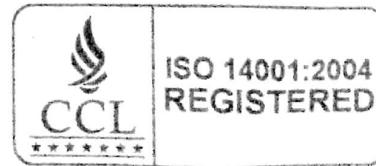
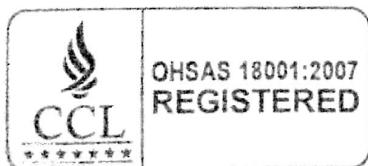
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Encl: a/a



**I JForm –V**  
**Environmental statement for the financial year ending 31<sup>st</sup> March, 2022**

**Part-A**

- |    |  |   |
|----|--|---|
| 1. | Name and address of the owner/occupier of the Industry, operation or process | Mr. Rajneesh Oswal, Chairman & Managing Director<br>Shreyans Industries Ltd,Ahmedgarh |
| 2. | Industry category(Primary(STC code)<br>secondary SIC code                    |   |
| 3. | Production capacity  | 54,000 MT per annum   |
| 4. | Year of establishment  | 1982  |
| 5. | Date of the last environmental statement submitted                           | 28/06/2021  |

**Part-B**

Water and raw material consumption

- |                             |                 |
|-----------------------------|-----------------|
| 1) <u>Water consumption</u> | <u>KL/annum</u> |
| I) process water            | 2133214         |
| ii).Cooling/Boiler          | 376528          |
| iii) Domestic               | 35600           |

Name of product	Water consumption per unit of product(during 2021-22)
Writing and printing papers	48 M <sup>3</sup>

Raw material consumption

S.No.	Name of raw material	Name of product	Consumption of raw material per unit of output during( 2021-22)
1.	Wheat straw	Writing and printing papers	1.792
2	Bagasse		----
3.	Wood pulp		0.086
4.	Imported waste paper		-----

**-2-**  
**Part-C**

**Pollution discharged to environment/Unit of output**

Sr.No.	Pollutants	Qty.of pollutants discharged	Concentration of pollutants in discharge	Percentage of variation from prescribed stand. with reasons.
a. Water	Effluent volume	6408 M3/day		
	TSS	227.5 kg/day	35.5 ppm	-29.0
	BOD	128.2 kg/day	20.0 ppm	-33.3
	COD	1407.8 kg/day	219.7 ppm	-37.2
b.Air				
Soda recovery	SPM	16.23 kg/day	70.4 mg/Nm <sup>3</sup>	-53.1
Boiler no.5	SPM	144.01kg/day	62.4 mg/Nm <sup>3</sup>	-58.4

**Part-D**

Hazardous waste

Hazardous Waste/ water		Total Quantity. during the year 2021-22
1	From process (Hypo sludge)	3.405 MT (O.D)
2	From pollution control facilities (ETP)	6349 MT (as such)
3	Used Oil	220 Ltr.

**Part-E**

Solid wastes

Sr.No.		Total Quantity during the year 2021-22
1.	Effluent plant sludge as such	6349 MT
2.	Ash from rice husk fired boilers(O.D)	14500 MT

**Part-F**

S.No.	Physical state	Composition	Qty produced during the year 2021-22	Disposal practice
1.	Boiler ash, solids(O.D)	Mainly silica	14500 MT	For land filling
2.	Effluent plant sludge	Fine fibers ,Talc. Etc	6349 MT	Sold to board mills for board mfg.
3.	Hypo sludge	Mostly CaCo <sub>3</sub>	3.405 MT	Stored after drying in a room specially made for the purpose as per the direction of PPCB. Disposed off through Punjab Waste Management Project.
4.	Used Oil	Oil	220 Ltr	Sent to authorized Oil recycler.

(3)

### **Part-G**

Pollution control costs about Rs.1011 per tone of finished paper.

### **Part-H**

M/s Shreyans papers does not allow black liquor to be mixed with waste water. The entire quantity of weak black liquor is processed through non-conventional Fluidized Bed Reactor to produce Sodium Carbonate pellets and convert Organic matters in to Carbon dioxide and water.

Black liquor generated	Soda Ash produced
(2021--22) 555530 M <sup>3</sup>	(2021-22) 19603.5 MT

### **Part-I**

1. Oxygen delignification in unbleached section and addition of Oxygen and Hydrogen peroxide in alkali extraction stage is being practiced successfully to reduce pollution load specially AOX level.
2. Anaerobic Treatment plant for treatment of raw material wet wash liquor is running successfully.
3. Air diffusers installed –in AT1 and AT-2 are running successfully.
4. Treated effluent is being used for irrigation.
5. CCTV is installed at ETP and Boiler stack.
6. On-line monitoring system installed at ETP final discharge for continuous monitoring of various parameters including SPM is in continuous operation.
7. State of art high efficiency washers are provided with counter current washing arrangement in Pulp mill to achieve less water consumption and improve quality of pulp.