

FORM-V
(See rule 14)

**ENVIRONMENTAL AUDIT REPORT FOR THE
FINANCIAL YEAR ENDING March-2024**

PART-A

- 1) Name and address of the owner/occupier of the industry operation or process : Sh. Pavan Khaitan , VC & MD
Kuantum Papers Ltd
Saila Khurd, Distt. Hoshiarpur, Punjab
- 2) Date of the last environmental statement submitted : May - 2023

PART-B

Water and Raw material Consumption
Water Consumption M3/day

| | | |
|----------|---|-------|
| Process | : | 15189 |
| Cooling* | : | 2658 |
| Domestic | : | 557 |

*includes Boiler Feed Water

| 1 <u>Name of Product</u> | <u>Water Consumption per unit of product</u> | |
|--------------------------|--|---|
| | <u>During previous financial year (1)</u> M3/ton of paper | <u>During Current financial year (2)</u> M3/ton of paper |
| Writing & Printing Paper | 47.7 m3/ton of paper | 43.90 m3/ton of paper |

| 11' <u>Raw Material Consumption</u> | <u>Consumption of raw material per unit of output</u> | | |
|--|---|---------------------------------------|--------------------------------------|
| <u>Name of raw material</u> | <u>Name of product</u> | <u>During previous financial year</u> | <u>During current financial year</u> |
| Wheat straw, Bamboo, Wood, Veneer Chips, Bagasse, Kahi, Sarkanda, Waste Paper. | Writing and Printing Paper | 1.87 MT | 1.90 MT |
| Caustic Lye & White Liquor | | 0.388 MT | 0.381 MT |
| Chlorine dioxide, Chlorine, O ₂ & H ₂ O ₂ | | 0.075 MT | 0.063 MT |
| Fillers, | | 0.155 MT | 0.171 MT |
| Lime | | 0.254 MT | 0.266 MT |

PART-C

(Pollution Generated)

(Parameters as specified in the Consent Issued)

| <u>Pollutants</u> | <u>Qty. of pollutants generated</u> | <u>%age of variation from prescribed standards with reasons</u> |
|-------------------|-------------------------------------|---|
| a) Water | 17000 m3/day | parameters within prescribed limit |
| b) Air | SPM<100mg/Nm3 | parameters within prescribed limit |

PART-D
Hazardous Wastes
(as specified under Hazardous Waste Management and Handling Rules, 1989)

| Hazardous Waste | Total Quantity (Kgs) | |
|--------------------------------------|--------------------------------|-------------------------------|
| | During previous financial year | During current financial year |
| a) From process | nil | nil |
| b) From pollution control facilities | 58.86 MT/day | 70.06 MT/day |

PART-E
Solid Waste
Total Quantity (Kgs)

| | During previous financial year | During current financial year |
|--------------------------------------|--------------------------------|-------------------------------|
| a) From process | 35.90 MT/day | 43.27 MT/day |
| b) From pollution control facilities | as above (part D) | as above (part D) |
| c) Qty. recycled or re-utilized | 35.90 MT/day | 43.27 MT/day |

The ash generated from boiler is partially sent to Cement agencies and rest used for filling low lying areas within factory premises. Lime sludge from recovery plant is recalcined in lime kiln for reuse. Wet washing is not quantified and sand recovered is not for brick manufacturing

PART -F

Please specify the characterizations (in terms of composition of quantum) of hazardous as well as solid waste and indicate disposal practice adopted for both these categories

Hazardous waste: Contain soap stone powder, fines & sludge, used in the premises of factory for Board Manufacturing
Solid Waste : Dust from deduster recycled back in boiler as fuel.
Sand from Raw Material : Reused for Construction and Land filling

PART -G

Impact of the pollution abatement measure taken on conservation of natural resources and on the cost of production

Approx Rs. 736/- per ton of paper

Meeting Environmental norms thus preventing contamination of natural resources

PART -H

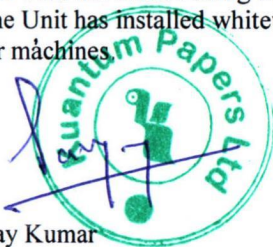
Additional investment proposal for environment protection including abatement of pollution

- 1) Installation of "SediCell SDC-40 & SDC-27" as Tertiary treatment system Completed & now in operation.
- 2) The Unit has commissioned a "Standby Primary Clarifier" in addition to the existing primary clarifier, to use one clarifier as a holding tank in case of any failure.

PART-I

Any other particulars for improving the quality of the environment

- 1) The Unit has started using Surface Water from "Kandi Canal" to reduce dependency on ground water.
- 2) The Unit has installed whitewater clarifier (HRSCC Mechanism) of 6000 m³/day for recirculation of backwater from paper machines.



Sanjay Kumar
Sr. General Manager
(Process QC & Environment)

June 29, 2024