



Kvantum Papers Ltd

The Paper Makers

Regd. Post

Ref: #: Admn/06-21 - 20337A
Dated: June 29, 2021

Environmental Engineer,
Punjab Pollution Control Board,
Regional Office,
E-18A, Focal Point,
Hoshiarpur
Pin - 146001

Sub: **Environmental Audit Report – Year 2020-21**

Dear Sir,

Kindly find enclosed herewith Environmental Audit Report for the Year 2020-21 for your information and records.

Kindly acknowledge the receipt for the same.

Thanking You,

Yours faithfully,
For Kvantum Papers Ltd.,


Authorized Signatory
Encl: As above.



FORM-V
(See rule 14)

**ENVIRONMENTAL AUDIT REPORT FOR THE
FINANCIAL YEAR ENDING March-2021**

PART-A

- 1) Name and address of the owner/occupier of the industry operation or process : Sh. Pavan Khaitan , MD
Kuantum Papers Ltd
Saila Khurd, Distt. Hoshiarpur, Punjab
- 2) Date of the last environmental statement submitted : June - 2020

PART-B

Water and Raw material Consumption
Water Consumption M3/day

Process	:	11704
Cooling*	:	1787
Domestic	:	523

*includes Boiler Feed Water

1	<u>Name of Product</u>	<u>Water Consumption per unit of product</u>	
		During previous financial year (1) M3/ton of paper	During Current financial year (2) M3/ton of paper
	Writing & Printing Paper	53 m3/ton of paper	62 m3/ton of paper

11	<u>Raw Material Consumption</u>	<u>Consumption of raw material per unit of output</u>	
	Name of raw material	Name of product	
	Sarkanda, Kahi, Wheat straw, Waste Paper, Bagasse, Wood Bamboo, Veneer Chips	Writing and Printing Paper	
	Caustic Lye/ White Liquor		
	Chlorine and Lime		
	Fillers & others		
		During previous financial year	During current financial year
		2.2—2.4 MT	2.0 — 2.1 MT
		0.45 – 0.5 MT	0.20 – 0.25 MT
		0.09 – 0.19 MT	0.15 – 0.18 MT
		0.28 MT	0.22 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	67.481 MT/day	46.718 MT/day

PART-E

Solid Waste

Total Quantity (Kgs)

	During previous financial year	During current financial year
a) From process	6.0MT/day	5.5 MT/day
b) From pollution control facilities	as above (part D)	as above (part D)
c) Qty.recycled or re-utilized	6.0MT/day	5.5 MT/day

The ash generated from boiler is partially sent to Cement agencies and rest used for filling low lying areas with in 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 hazaradous as well as solid waste and indicate disposal practice adopted for both these categories

Hazardous waste: Contain soap stone powder, fines & hypo 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 Constrution 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. 890/ - 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 Primary Sludge Dewatering Machine "Belt Filter Press Make: KROFTA" completed & now in operation.

PART-I

Any other particulars for improving the quality of the environment

1) Segregated High COD & Low COD treatment streams for effective treatment of effluent.



Water Consumption 2020-21 in M3				
Month	Process	Cooling/Boiler Feed	Domestic	Total
Apr-20	20747	989	14937	36673
May-20	232927	36005	17318	286250
Jun-20	229201	41357	16753	287311
Jul-20	252212	46584	17290	316086
Aug-20	209847	37019	18420	265286
Sep-20	321204	51518	17920	390642
Oct-20	385800	58067	17220	461087
Nov-20	462066	62099	14130	538295
Dec-20	557878	68080	14390	640348
Jan-21	551049	74445	13480	638974
Feb-21	493787	73750	13040	580577
Mar-21	555373	102222	15920	673515
Total	4272091	652135	190818	5115044
M3/d	11704.4	1786.7	522.8	14014



Sheet1

Annexure -1 (ETP Sludge)

Qty Of Sludge supplied to Board mill From Apr-20 to March-21						
SR NO	MONTH	Quantity of sludge Production (MT) (solids-18 to 25%)	Quantity of sludge Dispatched (MT) (solids-18 to 25 %)	Board Mill Finished Product (T)	Dispatched (T)	Board mill Balance (T)
1	Apr-20	0.0	0.0	0.00	0.00	0.000
2	May-20	1565.0	1565.0	541.90	541.90	0.000
3	Jun-20	1318.0	1318.0	456.16	456.16	0.000
4	Jul-20	1460.0	1460.0	504.48	504.48	0.000
5	Aug-20	1269.0	1269.0	433.27	433.27	0.000
6	Sep-20	1360.0	1360.0	471.31	471.31	0.000
7	Oct-20	1447.0	1447.0	498.89	498.89	0.000
8	Nov-20	1522.0	1522.0	524.86	524.86	0.000
9	Dec-20	1541.0	1541.0	535.24	535.24	0.000
10	Jan-21	1774.0	1774.0	611.42	611.42	0.000
11	Feb-21	1759.0	1759.0	606.60	606.60	0.000
12	Mar-21	2037.0	2037.0	701.74	701.74	0.000
	Total	17052	17052			
	Per Day	46.718	46.718			

