



Kvantum Papers Ltd

The Paper Makers
Regd. Post

6077 A

Ref : #: Admn/04-19
Dated: April 25, 2019

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

Sub: Environmental Audit Report – Year 2018-19

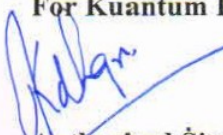
Dear Sirs,

Kindly find enclosed herewith Environmental Audit Report for the Year 2018-19 for your information and records.

Kindly acknowledge the receipt for the same.

Thanking You,

Yours faithfully,
For Kvantum Papers Ltd.,


Authorised Signatory
Encl: As above.

FORM-V
(See rule 14)

**ENVIRONMENTAL AUDIT REPORT FOR THE
FINANCIAL YEAR ENDING March,2019**

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 : May, 16 2018

PART-B

Water and Raw material Consumption
Water Consumption M3/day

Process : 17366
Cooling* : 2004
Domestic : 500
*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	66 m3/ton of paper	54 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	During previous financial year	During current financial year
	Sarkanda, Kahi, Wheat straw, Waste Paper, Bagasse	Writing and Printing Paper	2.2—2.5 MT	2.2—2.5 MT
	Caustic Lye/ White Liquor		2.2—2.5 MT	2.2—2.5 MT
	Chlorine and Lime		0.16 MT	0.16 MT
	Fillers & others		0.28 MT	0.28 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	28.014 MT/day	53.803 MT/day

PART-E
Solid Waste

Total Quantity (Kgs)

	During previous financial year	During current financial year
a) From process	6.2MT/day	6.0 MT/day
b) From pollution control facilities	as above (part D)	as above (part D)
c) Qty.recycled or re-utilized	6.2MT/day	6.0 MT/day

The ash generated from boiler and lime sludge from recovery plant are addition to above and are used to filling low lying area with in factory premises
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 & hypo sludge, used in the premises of factory for Board Manufactures

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. 750/- per ton of paper

Meeting Environmental norms thus preventing contamination of natural resources

PART -H

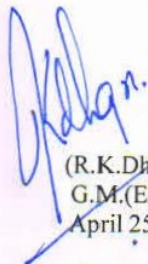
Additional investment proposal for environment protection including abatement of pollution

- 1) Installation of Equalisation pond is in progress
- 2) Trial of MPS to control Tss in the filtrate, if success going for installation
- 3) Decanter in operation and secondary sludge dewatered

PART-I

Any other particulars for improving the quality of the environment

- 1) Engaged M/s ORDEN PLATZ(INDIA) for upgradation of ETP
- 2) Installation of additional diffuser aeration tank to further reduce the BOD & COD of final treated effluent



(R.K. Dhingra)
G.M.(Environ-General)
April 25, 2019

Water Consumption 2018-19 in M3				
Month	Process	Cooling/Boiler Feed	Domestic	Total
Apr-18	500395	59610	15010	575015
May-18	556977	59114	19160	635251
Jun-18	535073	57918	16890	609881
Jul-18	461531	49152	16100	526783
Aug-18	550297	64434	15685	630416
Sep-18	490890	60640	15555	567085
Oct-18	545596	68096	15960	629652
Nov-18	538170	60508	13840	612518
Dec-18	555807	63682	14270	633759
Jan-19	556371	64251	13795	634417
Feb-19	504521	58140	12030	574691
Mar-19	542886	65874	14090	622850
Total	6338514	731419	182385	7252318
M3/d	17365.8	2003.9	499.7	19869



Am

Sheet1

Annexure -1 (ETP Sludge)

Qty Of Sludge supplied to Board mill From Apr-18 to March-19

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)
						106.899
1	April-18	1227.560	1227.560	119.600	226.499	0.000
2	May-18	2076.000	2076.000	682.460	682.460	0.000
3	June-18	1852.000	1852.000	633.570	633.570	0.000
4	July-18	1724.000	1724.000	501.400	501.400	0.000
5	August-18	1944.000	1944.000	586.898	586.898	0.000
6	Sept-18	1684.000	1684.000	638.000	638.000	0.000
7	Oct-18	1828.000	1828.000	852.580	852.580	0.000
8	Nov-18	1354.933	1354.933	664.130	664.130	0.000
9	Dec-18	1832.730	1832.730	618.320	618.320	0.000
10	Jan-19	1781.000	1781.000	754.680	754.680	0.000
11	Feb-19	1026.000	1026.000	418.010	418.010	0.000
12	Mar-19	1308.000	1308.000	515.180	515.180	0.000
	Total	19638.223	19638.223			
	Per Day	53.803	53.803			



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