



Kvantum Papers Ltd

The Paper Makers

Regd. Post

10181B

Ref: #: Admn/06-20
Dated: June 16, 2020

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

Sub: Environmental Audit Report – Year 2019-20

Dear Sir,

Kindly find enclosed herewith Environmental Audit Report for the Year 2019-20 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-2020**

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 : April - 2019

PART-B

Water and Raw material Consumption
Water Consumption M3/day

Process	:	15644
Cooling*	:	2052
Domestic	:	503

*includes Boiler Feed Water

I <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	54 m3/ton of paper	53 m3/ton of paper

II <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
Sarkanda, Kahi, Wheat straw, Waste Paper, Bagasse, Wood Bamboo, Veneer Chips	Writing and Printing Paper	2.2—2.5 MT	2.2—2.4 MT
Caustic Lye/ White Liquor		2.2—2.5 MT	0.45 – 0.5 MT
Chlorine and Lime		0.16 MT	0.09 – 0.19 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	*53.803 MT/day	67.481 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 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

Hazaradous 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. 819/- per ton of paper

Meeting Environmental norms thus preventing contamination of natural resources

PART -H

Additional investment proposal for environment protection inculding abatement of pollution

1) Installation of Primary Sludge Dewatering Machine "Belt Filter Press Make: KROFTA" is pending due to Lockdown.

PART-I


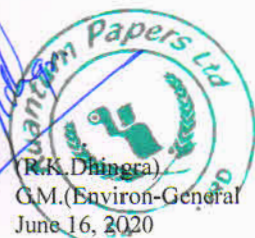
Any other particulars for improving the quality of the environment

1) Installed following Equipments in ETP:

- (i) Equalization Tank (01 No)
- (ii) Tube Settlers (05 Nos) for post treatment of UASBR outlet
- (iii) Pre-Aeration (01 No)
- (iv) FRP Baffle Walls in Secondary Clarifier to increase its efficiency.

2) Installation of Dewatering Machine i.e. "Volute Press" for effective Aerobic Sludge Dewatering and used existing Decanters for Dewatering of Anaerobic sludge whenever required.

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



 (R.K. Dhirga)
 G.M.(Environ-General)
 June 16, 2020

Water Consumption 2019-20 in M3

Month	Process	Cooling/Boiler Feed	Domestic	Total
Apr-19	510771	64650	16620	592041
May-19	486218	62921	17360	566499
Jun-19	457073	61785	17383	536241
Jul-19	482205	66694	16910	565809
Aug-19	537785	68515	16840	623140
Sep-19	520697	61196	17160	599053
Oct-19	474492	62386	15580	552458
Nov-19	477882	65461	14170	557513
Dec-19	499439	64030	13035	576504
Jan-20	482159	66565	12835	561559
Feb-20	462511	63064	12955	538530
Mar-20	334329	43731	13165	391225
Total	5725561	750998	184013	6660572
M3/d	15643.6	2051.9	502.8	18198



Sheet1

Annexure -1 (ETP Sludge)

Qty Of Sludge supplied to Board mill From Apr-19 to March-20

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-19	1302.0	1302.0	505.34	505.34	0.000
2	May-19	1673.0	1673.0	646.65	646.65	0.000
3	Jun-19	2106.0	2106.0	786.44	786.44	0.000
4	Jul-19	2315.0	2315.0	792.93	792.93	0.000
5	Aug-19	2349.6	2349.6	810.19	810.19	0.000
6	Sep-19	2346.8	2346.8	839.80	839.80	0.000
7	Oct-19	2252.0	2252.0	780.24	780.24	0.000
8	Nov-19	2117.0	2117.0	727.76	727.76	0.000
9	Dec-19	2158.0	2158.0	743.55	743.55	0.000
10	Jan-20	2364.0	2364.0	815.41	815.41	0.000
11	Feb-20	2151.0	2151.0	735.39	735.39	0.000
12	Mar-20	1496.0	1496.0	514.65	514.65	0.000
	Total	24630.4	24630.4			
	Per Day	67.481	67.481			

