

CASE STUDY OF “CON-TROL” DI-L & “CON-TROL” FABCLEAN IN REPUTED DUPLEX BOARD PLANT NEAR NAGPUR.

Subject: Case Study of “CON-TROL” DI-L & “CON-TROL” FABCLEAN.

Objective of Trial:

1. To improve cleanliness of Top Layer and to remove Bluish tint, that was giving blackish effect on the top surface of the Board.
2. Effective cleanliness of Felt and Wire by using Fabclean instead of Caustic.

Quantity:

1. “CON-TROL” DI-L 200 KGS.
2. “CON-TROL” FABCLEAN 100 KGS.

Approach & Observations:

“CON-TROL” DIL (De-inking Chemical)

- 1) Trial of DIL was started about 4/5 days prior to our visit to the Industry as per the recommendations mentioned in our product literature and as per the telephonic discussions we had over phone. However the desired/recommended quantity of 2.00 Kgs per ton of waste paper could not be started due to some process limitations (Washing of Pulp) and instead of 2.0 Kgs approximately 0.75 to 1.0 Kgs of chemical per ton of waste paper was added.
- 2) After starting the “CON-TROL” DIL when the stock after treatment with DIL it was noticed that the dirt counts on the top surface was drastically reduced. Removal of Bluish tint which was another main object was also completely achieved.
- 3) We are of the opinion that if Poacher Washer is brought into operation and after addition of 2.0 Kgs per ton of waste paper lot of improvement in the sheet can be achieved in respect of Cleanliness and in removal of Ink particles from the processed Pulp.

“CON-TROL” FABCLEAN

1. The main object for this chemical was to effectively wash felt and wire with this chemical avoiding usages of Caustic Soda completely.
2. Solution of this chemical (5.0 to 7.5 KGS) with water was prepared and this chemical solution was used for cleaning of 1st Press Top and Bottom Felt by spraying chemical solution through showers on the machine.
3. After using this chemical the washing of felt was very good as the cleaning effect was far better than washing the Felt with the use of Caustic Soda. Since this chemical does not involve Caustic or any kind of Acid it will not have any adverse effect on the life of felt & wire when washed with this chemical instead of Caustic Soda.
4. We suggest that this chemical should be used for effective washing of Press Felts, Wires and also Dryer Screens.