|  |  |
| --- | --- |
| **Detailed Description of the Process Flow** | **Remarks** |
| **Production Line** **Paper Machine-05E:\Andritz_Shin-EI.jpg**  **Paper Machine-01**  **Paper Machine-03**  **Paper Machine-04**  **Paper Machine-05** |  |
| **Finished Goods**  * **Baby Roll (Paper) For Verities Grade** * **Jumbo Roll & Baby Roll (Tissue) For Verities Grade** |  |
| **3The main Raw materials**  **F.R.M**  **Soft Wood Pulp (N.B.K.P)**  **Hard Wood Pulp (L.B.K.P)**  **Imported Waste Paper**  **Local Waste Paper**  **Chemical’s**   * **Fixing Agent** * **Sizing Agent** * **Dry Strength (Starch)** * **Refining Enzyme**   **Broke (BRD-2305)**   * **Surface Sizing** * **Binding Chemicals** * **Filling Agent** * **Retention Aid** * **Softening Agent** * **Release Agent** * **Dry & Wet Strength** * **Defoaming** * **Brightening Agent** * **Cleaning Agent** * **Color & Dye Stuff** * **Coating Chemical** * **Other Chemical’s** |  |
| Process OperationCapacity **Paper Machine 01**   * **Alu foil** * **Base Paper** * **Manifold paper** * **Sand witch paper** * **MG Poster** * **MG Color** * **MG Hard Tissue** * **Kraft Paper** * **F.T.W = 12 MT** * **N.T.W = 15 MT** * **K.T.W = 20 MT** * **H.T.W =25 MT** * **C.B.S = 15 MT** * **Carrier Tissue = 14 MT** * **T.T.W = 16 MT**   **Paper Machine 02**   * **White Writing** * **White Printing** * **Color Paper** * **Ledger Paper** * **Bide Paper** * **Plug Wrapper** * **Glassine Paper** * **M.F Hard Tissue** * **Cartridge Paper** * **Kraft Paper**   **Paper Machine 03**   * **T.T.G = 24 MT** * **T.T.P = 19 MT** * **T.T.W = 20 MT**   **Paper Machine 04**   * **Media Paper = 38 MT** * **Wrapper = 33 MT** * **MG Hard Tissue = 15 MT** * **Toilet Wrapper = 19 MT** * **Linear Paper = 40 MT** * **Stiffener Paper** * **C.M Paper** * **White Kraft Paper**   **Paper Machine 05**   * **F.T.W (Facial Tissue White) = 33 MT** * **N.T.W(Napkin Tissue White) = 45 MT** * **K.T.W(Kitchen Towel White) = 50 MT** * **H.T.W(Hand Towel White) = 55 MT** * **C.B.S ( Clinical Bed Sheet) = 50 MT** * **Carrier Tissue = 40 MT** * **T.T.W( Toilet Tissue White) = 48 MT** |  |
| Production Type**Make to Order** **Make To Stock** |  |
| **Major Machine list** **Paper Machine 01**   * **Conveyor** * **Pulper (High Con Pulper & Mid Con Pulper)** * **Wide Angle Refiner** * **D.D.R (Double Disk Refiner)** * **T.D.R(Tipple Disk Refiner)** * **Conical Refiner** * **H.D.C (High Density Cleaner)** * **L.D.C ( Low Density Cleaner)** * **Pressure Screen** * **Vibrating Screen** * **Fan Pump** * **Head Box** * **Wire Part** * **Press Part** * **Yankee** * **Pope Reel** * **U.C.D.R**   **Paper Machine 02**   * **Conveyor** * **Pulper** * **D.D.R(Double Disk Refiner)** * **T.D.R(Tipple Disk Refiner)** * **Conical Refiner** * **Deflaker** * **Thickener** * **H.D.C (High Density Cleaner)** * **L.D.C ( Low Density Cleaner)** * **Fan Pump** * **Pressure Screen** * **Vibrating Screen** * **Fan Pump** * **Head Box** * **Wire Part** * **Press Part** * **Yankee** * **Dryer Part (Pre & Post Dryer Group)** * **Size Press** * **Pope Reel** * **Rewinder**   **Paper Machine 03**   * **Conveyor** * **Pulper (High Con & Mid Con Pulper)** * **D.D.R(Double Disk Refiner)** * **H.D.C (High Density Cleaner)** * **L.D.C ( Low Density Cleaner)** * **Fan Pump** * **Pressure Screen** * **Vibrating Screen** * **Fan Pump** * **Head Box** * **Wire Part** * **Press Part** * **Yankee** * **Pope Reel** * **U.C.D.R**   **Paper Machine 04**   * **Conveyor** * **Pulper** * **T.D.R (triple Disk Refiner)** * **D.D.R(Double Disk Refiner)** * **H.D.C (High Density Cleaner)** * **Deflaker** * **Conical Refiner** * **L.D.C ( Low Density Cleaner)** * **Fan Pump** * **Pressure Screen** * **Vibrating Screen** * **Fan Pump** * **Head Box** * **Wire Part** * **Press Part** * **Yankee** * **Dryer** * **Pope Reel** * **Rewinder**   **Paper Machine 05**   * **Conveyor** * **Pulper** * **T.D.R (triple Disk Refiner)** * **H.D.C (High Density Cleaner)** * **Pressure Screen** * **Vibrating Screen** * **Fan Pump** * **Head Box** * **Wire Part** * **Press Part** * **Yankee** * **Pope Reel** * **U.C.D.R** |  |
| **Working hours** **8:00am -5:00pm (General Shift)**  **6:00am -2:00pm (A Shift)**  **2:00pm -10:00pm (B Shift)**  **10:00pm- 6:00am (C Shift)**  **6:00am – 6:00pm (Morning Shift, A)**  **6:00pm- 6:00am ( Night Shift, B)** |  |
| **Wastage** **Average Wastage of both Machines 5%- 7%** |  |
| **Rework** **Not Applicable** |  |
| **Reports**  * **Daily Production Report** * **Daily Loss time Report** * **Daily Consumption Report** * **Daily Baby Roll Weigh Sheet** |  |