



# Valmet Auto Paper Lab in India

**In Tamil Nadu Newsprint and Papers Limited, state of art Paper testing equipment Valmet Auto Paper Lab is used for measuring physical properties of paper.**

## Valmet Auto Paper Lab-Finland at TNPL Unit-1, PM-3 QC Lab.

At TNPL, Valmet Auto paper Lab is used for testing the physical paper properties. Valmet Auto Paper Lab is one of the most modern fully automated paper testing instrument is used in the field of paper testing. Valmet operating principles are in compliance with test method established by ISO and Bureau of Indian standards. We are calibrating this instrument on regular basis with original equipment supplier .



### Salient features of Auto Paper Lab

- ❖ Higher performance through automated testing
- ❖ Increased testing frequency, accuracy and repeatability
- ❖ Compliance with ISO 9000 and other standards
- ❖ Superior scalability – grows with customer needs
- ❖ The output of all three paper machines can be checked in less than half an hour and measured results are transferred to Online integrated system (ERP).
- ❖ The measured values are informed to Production Department at the earliest and helps to take corrective action immediately if any deviation observed.

## Sample collection from Paper roll for auto Paper Lab.



# Valmet Auto Paper Lab



**Standards:** Proven modules comply with all paper industry standards and norms.

**Productivity:** Highest productivity through automated testing

## **Widest range of modules**

It contains 12 modules to test the paper properties across the deckle. This equipment is capable of testing the paper properties across the deckle. It completes the full testing of paper sample within 7 to 9 minutes; measuring more than 33 properties at a time.

- Basis Weight module
- Caliper
- Burst Module
- Tear MD & CD
- Tensile MD & CD
- Tensile Stiffness Orientation
- Smoothness Top & Bottom-Bendtsen method
- Porosity- Bendtsen method
- UV Color module for optical Properties

## Collected Paper Sample is fed into Valmet Auto Paper Lab



## Paper Sample is tested by Valmet Auto Paper Lab

