

News Letter No: 38

March - 2005

Sub: Upgradation of sand testing laboratory.

Magna is glad to announce the upgradation of its sand-testing laboratory.

The upgradation includes,

1. Replacement of existing manual operated Universal Sand Testing Machine with a new digital version. This new Universal Sand Testing Machine will eliminate operator influence and ensure consistency in results, with accessories to test compression, tensile and transverse strength.



2. **Core gas determinate to accurately measure the amount of gas generated by core.**
- **Laboratory scale mixer (10 kilograms) – to evaluate the properties of the raw materials and process parameters at the laboratory.**
4. **Muffle furnaces to analyse the sand properties at elevated temperatures.**

Apart from the conventional green sand testing, the upgraded sand laboratory will be used for analysis of the Furan No-Bake sand systems and Cold box core making systems.

This upgradation will enable Magna to supply consistent defect free products to our customers and ensure process consistency during the manufacturing process.