

Sample Report

Measurement Report

Date: 07-02-06

Time: 11:31:35

Component : Casing 500MW

Drg. No : 0-10307-41007

Project Name : Raichur

Machine: CNC Horizontal Borer 160 (Model name/Layout number of machine)

* Note: '0' in Error denotes "Measured Values are within tolerance" *

| Description | Nom. Size | Measured Value | Dev.from Nom.Size | Tol. upper (+) | Tol. lower (-) | Error (Out-Tol) |
|--------------------------|-----------|----------------|-------------------|----------------|----------------|-----------------|
| SLOTWIDTH: | 40 | 40.0345 | 0.0345 | 0 | -0.05 | 0.0345 |
| SLOTDEPTH: | 24.6 | 24.5548 | -0.0451 | 0 | -0.13 | 0 |
| GROOVEWIDTH: | 39 | 39.0755 | 0.0755 | 0.1 | -0.1 | 0 |
| ----- | --- | ---- | --- | --- | --- | --- |
| ----- | --- | ---- | --- | --- | --- | --- |
| ----- | --- | ---- | --- | --- | --- | --- |
| MAIN INNER BORE | 121.98 | 122.1065 | 0.1265 | 0.04 | -0.02 | 0.0865 |
| OUTER TAPER ANGLE: | 1.475 | 1.4943 | 0.0193 | 0.05 | -0.05 | 0 |
| COUNTER BORE: (DET-1) | 34.847 | 34.9773 | 0.1303 | 0.04 | -0.02 | 0.0903 |

Note:

- The Nominal size means the nominal value as mentioned in the drawing without application of any tolerance or any adjustment for mid value.
- The Tolerance values should be specified in Upper and Lower tolerance as mentioned in the drawing and not in any other tolerance band with adjustment.