



**DALMIA CEMENT (B) LIMITED – CEMENT PLANT
ARIYALUR
INSTRUMENTATION DEPARTMENT**



Issue No. 01	Rev. No: 00	Effective Date: 01.11.2010	WI-7 (SP-8; AM-7)
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Issued By: M.R	Approved By: HOD-INSTRUMENTATION
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CALIBRATION PROCEDURE OF RTD TRANSMITTER

The Instrument engineer/Foreman/Assistant Foreman takes action as follows, for calibration:

- 1.1 Connect the transmitter to DTM through ABB DCS.
- 1.2 Connect the Calibrator to the input terminals of the transmitter.
- 1.3 Set the resistance corresponding to the desired full scale temperature. CCR indication Should show full scale temperature. If not Adjust adjust it by desired offset in DTM.
- 1.4 Record the observations in the Instrument calibration format F-1/WI-7(SP-8; AM-7)

2.0 CONNECTED DOCUMENT:

F-1/WI-7(SP-8; AM-7)

CALIBRATION OF RTD TRANSMITTER

CALIBRATION OF RAW MILL OUTLET TEMPERATURE TRANSMITTER

CALIBRATION OF COAL MILL OUTLET TEMPERATURE TRANSMITTER
CALIBRATION OF COAL MILL BH INLET TEMPERATURE TRANSMITTER
CALIBRATION OF CEMENT MILL OUTLET TEMPERATURE TRANSMITTER

RAW MILL OUTLET TEMPRATURE

RANGE 0- 150 Deg

Applied Value In Ohms

Calculated value in DEG.

100.0

0.0

130.890

80.0

157.320

150.0

COAL MILL OUTLET TEMPRATURE

RANGE 0- 150 Deg

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