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

Issue No. 02	**Rev. No: 00**	**Effective Date: 01.11.2019**	**WI-7 (SP-8; AM-7)**
Issued By: M.R		**Approved By: HOD-INSTRUMENTATION**	

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 TRANSMITTERCALIBRATION 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

Applied Value In Ohms	Calculated value in DEG.
100.0	0.0
130.890	80.0
157.320	150.0

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COAL MILL BH INLET 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

CEMENT 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