



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

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CALIBRATION PROCEDURE FOR PRESSURE SWITCH			

1.0 CALIBRATION PROCEDURE FOR PRESSURE SWITCH :

The Instrument engineer takes action as follows, for calibration:

- 1.1 Connect the Pressure Switch to the Pressure calibrator.
 - 1.1.1 Ensure the Present Status of the NO/NC of the Electric Output of the Switch with Multimeter.
 - 1.1.2 Set the Required Pressure setting in the Pressure switch and connect the Multimeter for ensuring the Contacts changeover.
- 1.2.3 Increase the Pressure in the calibrator as per the required setting to be checked.
- 1.2.4 Ensure the Pressure Switch Contact Change From Normally Open to Close, Record the Setting.
- 1.2.5 Decrease the Pressure in the Calibrator slowly.
- 1.2.6 Ensure the Pressure Switch Contact Change From Normally Close to Open.
- 1.2.7 Repeat the same procedure to ensure the repeatability and record the same in the instrument calibration format F-1/WI-24(SP-8; AM-7).

2.0 CONNECTED DOCUMENT:

F-1/WI-25(SP-8; AM-7)

CALIBRATION OF PRESSURE SWITCH