



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



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| Issue No. 01 | Rev. No: 00 | Effective Date: 01.11.2010 | WI-4 (SP-8; AM-7) |
| Issued By: M.R | | Approved By: HOD-INSTRUMENTATION | |
| CALIBRATION PROCEDURE OF KILN FEED FLOW METER | | | |

The Instrument Engineer takes action as follows for calibration:

1.1 STATIC CALIBRATION

1.1.1 Clean the Flow meter impact plate.

1.1.2 Keep the pneumatic shut off gate in close position.

1.2 TARE CALIBRATION

1.2.1 Go to password menu

1.2.2 Enter the password and come out of the pass word menu.

1.2.3 Enter into calibration menu and confirm the same and apply tare to bring to zero value.

1.3 SPAN CALIBRATION

1.3.1 Go to span mode and apply standard weight (4.93 KGS+4.93 KGS) at the flow meter

1.3.2 Check the span value in raw counts that should be 2000 counts

1.3.3 If not enter 2000 countes and press enter key

1.3.4 Exit from Calibration menu,

1.3.5 Check the BB value on display should be 100% remove calibration weights and check BB value should be 0%

1.4 Record the observation in the instrument calibration format F-1/WI-4(SP-8; AM-7)

2.0 CONNECTED DOCUMENT:

F-1/WI-4(SP-8; AM-7)

Static Calibration of kiln feed Flow meter.

FLOWMETER CALIBRATION

TEST WEIGHTS in Kg
9.86

COUNTS
2000