



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

Issue No. 02	Rev. No: 00	Effective Date: 01.11.2019	WI-1(SP-8; AM-7)
Issued By: M.R		Approved By: HOD-INSTRUMENTATION	
CALIBRATION PROCEDURE FOR BELT WEIGHER			

**CALIBRATION PROCEDURE FOR BELT WEIGHER:**

The Instrument engineer takes action as follows, for calibration:

**1.1 TARE ADJUSTMENT:**

1.1.1 Run belt empty for 15 minutes.

1.1.2 Go to calibration mode.

1.1.3 Press Tare

1.1.4 TPH rate indication becomes zero.

1.1.5 If not zero, repeat step 1 to 4.

**1.2 SPAN ADJUSTMENT:**

1.2.1 Run belt empty.

1.2.2 Apply the known test weights on both sides of load cell freely

1.2.3 IF TPH indication will appear corresponding to the weights applied, no need to span Adjustment

1.2.4 IF TPH indication not match with applied weights

1.2.5 If error is less than 5%, enter the KOR value which is shown by Intecont Plus (0.95---1.05) In D02

1.2.6 TPH indication will appear corresponding to the weights applied.

1.2.7 IF not, repeat from step 1 to 5

**1.3 Record the observations in the Instrument calibration format F-1/WI-21(SP-8; AM-7)**



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**2.0 CONNECTED DOCUMENT:**

F-1/WI-21(SP-8; AM-7)                      CALIBRATION OF BELT WEIGHER

MINES BELT WEIGHER

CAPACITY 1250 TPH

TEST WEIGHTS in Kg

TPH

20.0

64.8

30.0

97.2

40.0

129.6