



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



Issue No. 01	Rev. No: 01	Effective Date: 01.06.2014	WI-3 (SP-8; AM-7)
Issued By: M.R		Approved By: HOD-INSTRUMENTATION	
CALIBRATION PROCEDURE OF PACKER SPOUTS			

### 1.0 CALIBRATION PROCEDURE FOR PACKER SPOUTS :

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

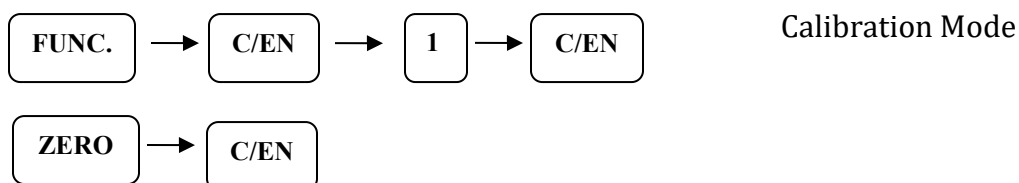
#### 1.1 ZERO CALIBRATION:

1.1.1 Clean the Weighing zone for all spouts.

1.1.2 Check mechanical alignment of Weighing zone and load cell assembly.

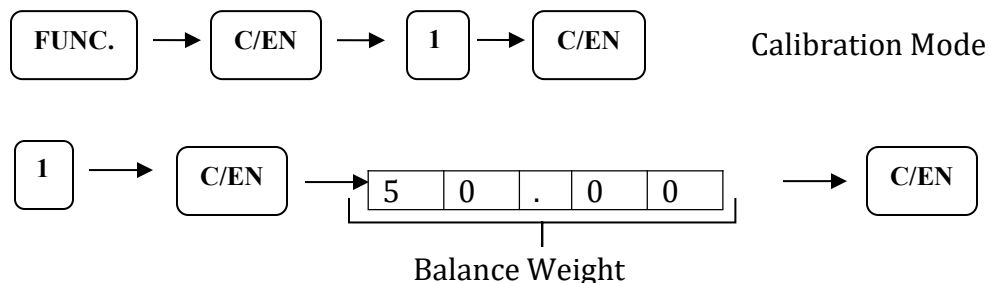
1.1.3 Apply upward and downward force on the spout stool, Note the readings after applying & Before applying the force. If any variation observed between the two readings, check the weighing zone and ensure the tightness of stool assembly.

- 1.1.4 i). Make sure there is no excess load on the stool.  
ii). Make sure the STAB. Lamp is ON.(calibration should be done when stool is stable)  
iii). Do Zero Calibration



#### 1.2 SPAN CALIBRATION:

- 1.2.1 i). Apply 50Kg weight on the stool.  
ii). Make sure the STAB. Lamp is ON.  
iii). Input the Balance weight





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1.2.3 Observe the display of respective spout for 50 Kg and remove test weight from the weighing zone and check for zero if any variation observed repeat the procedure point no-1.1 and 1.2.

1.2.4 Record the observations in the Instrument calibration format F-1/WI-3(SP-8; AM-7)

**2.0 CONNECTED DOCUMENT:**

F-1/WI-3(SP-8; AM-7)

CALIBRATION OF PACKER SPOUTS

PACKER SPOUT CALIBRATION

TEST WEIGHTS in Kg  
50.0

CALCULATED VALUE in KG  
50.0