	COROMANDEL INTERNATIONAL LIMITED Sarigam	Doc No. : INST/ SOP/ 18
Issue No.01	DEPARTMENTAL MANUAL OF INSTRUMENT	Issue/ Revision Date: 02/10/2017
Revision: 00	Title: SAFE OPERATING PROCEDURE FOR PRESSURE GAUGE CAL& PM	Page 1 of 2

1.0 PURPOSE:

For calibration & preventive maintenance of Pressure/ Compound Gauge for maintain reliability

2.0 SCOPE:

This procedure is applicable for calibration& preventive maintenance of Pressure gauge in Coromandel International Ltd. Sarigam unit premises.


3.0 DEFINITION:

NIL

4.0 PROCEDURE:

- 4.1 Take work permit from the shift in-charge/area in-charge to remove pressure gauge from the process lines for calibration& preventive maintenance.
- 4.2 Remove the pressure gauge and install on dead weight tester.
- 4.3 Remove all standard weight from dead weight tester and check Pressure gauge reading, it should be zero.
- 4.4 If not then adjust the pointer to zero.
- 4.5 Then put weight on dead weight tester equal to full range of Pressure gauge reading and then apply pressure by rotating the handle of Dead weight tester and check the P. G. reading.
- 4.6 If it is not okay then adjust the pointer accordingly.
- 4.7 Check P.G. reading at intermediate range and record the reading in daily log book.
- 4.8 After calibration install the pressure gauge in process line, update the instrument calibration tag and handover the equipment to the shift in-charge of the plant.
- 4.9 If preventive maintenance is required do it according to DOC NO : QI/EN/01.
- 4.10 Calibration record should be maintain in DOC No.: QF/EN/09
- 4.11 Preventive maintenance record should be maintain in format no: INST/F/02
- 4.12 Close the permit.

Prepared By :	Reviewed By :	Approved By :
Name :	Name :	Name :
Date :	Date :	Date :

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5.0 FREQUENCY:

- 5.1 At the time of initial startup after shutdown of more than two weeks.
5.2 After every 6 months, if plant is running.

6.0 RESPONSIBILITIES:

Asst. Manager/Sr. Officer (Inst.)/ Area in-charge

7.0 ACCOUNTABILITY

Section Head

8.0 RECORDS:

Service reports should be maintained for one year.

9.0 ATTACHMENTS :

Sr. No.	Format	Format No.
1	Calibration record	QF/EN/09
2	Preventive maintenance check point	INST/F/02

10.0 CHANGE RECORD :

Date	REV. NO.	CHANGES INCORPORATED
02/10/2017	00	Original Issue

**** END OF PROCEDURE ****

Prepared By :	Reviewed By :	Approved By :
Name :	Name :	Name :
Date :	Date :	Date :