	COROMANDEL INTERNATIONAL LIMITED Sarigam	Doc No. : INST /SOP/ 06
Issue No.01	DEPARTMENTAL MANUAL OF INSTRUMENT	Issue/ Revision Date: 01/10/2017
Revision: 00	Title: SAFE OPERATING PROCEDURE FOR INTERLOCK CHECKING	Page 1 of 2

1.0 PURPOSE:

For interlock checking of the process plant instruments to maintain reliability.

2.0 SCOPE:

This procedure is applicable for interlock checking of instruments in process plant, MEE, ETP and tank farm area.

3.0 DEFINITION:

NIL


4.0 PROCEDURE:

- 4.1 Take work permit from the plant in-charge/area in-charge for which system you want to check interlock.
- 4.2 Go near the particular interlock system with plant in charge at the field.
- 4.3 Start all the relevant equipments which are attached with the interlock system.
- 4.4 If there is any motor with interlock, then stop it and see whether the related equipment functions or not as per the interlock.
- 4.5 If there is any pressure or temperature with interlock, then you increase or decrease the pressure/temperature up to high or low level and then check the related equipment function or not as per the interlock.
- 4.6 If there is any level switch interlock, then take out the level switch from the tank and change the float position and see whether the motor/XV is function or not as per the interlock.
- 4.7 If there is any set point interlock, then set the set point on SCADA and start the equipment and check the interlock functions or not as per the set point.
- 4.8 If there is any deviation found, then rectify immediately.
- 4.9 After checking the interlock, you must fill up the status in the interlock check list.
- 4.10 When all the above procedure is completed, then the report and work permit is to be signed by plant officer and hand over the systems to the process department.

5.0 FREQUENCY:

- 5.1 At the time of initial start-up after shutdown of more than two weeks.

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Date :	Date :	Date :

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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:

Interlock check list should be maintained for one year.

9.0 ATTACHMENTS :

Sr. No.	Format	Format No.
1	Interlock check list	INST/F/15

10.0 CHANGE RECORD :

Date	REV. NO.	CHANGES INCORPORATED
01/10/2017	00	Original Issue

**** END OF PROCEDURE ****

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