	<b>COROMANDEL INTERNATIONAL LIMITED</b> <b>Sarigam</b>	Doc No. : INST/SOP/01
<b>Issue No.01</b>	DEPARTMENTAL MANUAL OF INSTRUMENT	<b>Issue/ Revision</b> <b>Date: 01/10/2017</b>
<b>Revision: 00</b>	Title: SAFE OPERATING PROCEDURE FOR INSPECTION OF LEVEL SWITCH	<b>Page 1 of 2</b>

## 1.0 PURPOSE:

For inspection or preventive maintenance of level switch to maintain reliability.

## 2.0 SCOPE:

This procedure is applicable for inspection or preventive maintenance of level switches in tank at Sarigam unit premises.

## 3.0 DEFINITION:

NIL


## 4.0 PROCEDURE:

- 4.1 Take permit from related area in-charge for level switch inspection or preventive maintenance,
- 4.2 Inspect the specified level switches in tank relevant to following points or as per the quality instruction for preventive maintenance (DOC NO : QI/EN/01), and put remarks in check point format no: INST/F/01.
- 4.3 Disconnect the power supply of level switch.
- 4.4 Check cable gland and connection with terminals.
- 4.5 Remove the switch from the relevant tank.
- 4.6 Check the status of float, float stopper (chuck-nut) and supporting rod. If it is corroded / damaged then replace it.
- 4.7 Check continuity of the reed switch and NO/NC is proper working or not with the level setting. If it is not working, then replace the reed switch.
- 4.8 After rectifying all the abnormal condition, fix the level switch in the tank and check the interlocks related to level switch.
- 4.9 After work completion, close the permit & hand over to area in-charge.

## 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.

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

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## 6.0 RESPONSIBILITIES:

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

## 7.0 ACCOUNTABILITY

Section Head

## 8.0 RECORDS:

Reports should be maintained for one year.

## 9.0 ATTACHMENTS :

Sr. No.	Format	Format No.
1	Preventive maintenance check points- Pressure/ Level/ Flow switch	INST/F/01

## 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 :