	<b>COROMANDEL INTERNATIONAL LIMITED</b> <b>Sarigam</b>	Doc No. : <b>INST/ SOP / 21</b>
<b>Issue No.01</b>	DEPARTMENTAL MANUAL OF INSTRUMENT	<b>Issue/ Revision</b> <b>Date: 02/10/2017</b>
<b>Revision: 00</b>	Title: SAFE OPERATING PROCEDURE FOR INSPECTION AND SERVICING OF BURNER	<b>Page 1 of 2</b>

## 1.0 PURPOSE:

For inspection and servicing or preventive maintenance of burner to maintain reliability.

## 2.0 SCOPE:

This procedure is applicable for servicing/inspection or preventive maintenance of any burner provided in process plant and utility of Coromandel International Limited, Sarigam.


## 3.0 DEFINITION:

NIL

## 4.0 PROCEDURE:

- 4.1 Take work permit from the shift in charge/area in-charge to inspect the burner and ensure the burner is not in use.
- 4.2 Check all the connections if they tight or not. If any connections are loose, tighten them.
- 4.3 Check if there is over vibration in any part of the burner& rectify the same.
- 4.4 Clean and check the photocell if it is working or not, otherwise replace it.
- 4.5 Maintain the air pressure in the burner, check if it is maintained or not.
- 4.6 Check the potentiometer, if not proper tighten it using the screws provided.
- 4.7 Check the PID and positioner controller, if it is working in order or not.
- 4.8 Check if the interlocks are working in the proper sequence or not.
- 4.9 Check the servo motor and ignition transformer, if working properly or not.
- 4.10 Damper inspection and oiling.
- 4.11 Do proper greasing and oiling wherever required.
- 4.12 If it is ok, hand over to plant in charge/ area in-charge.
- 4.13 If it is not ok, then repair it. After repairing, Fix the burner and hand over to plant in charge/area in-charge.
- 4.14 Preventive maintenance record should be maintain in format no.: INST/F/16
- 4.15 Close the all permits.

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:

- 1) 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	Preventive maintenance check point	INST/F/16

## 10.0 CHANGE RECORD :

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

**\*\* END OF PROCEDURE \*\***

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Name :	Name :	Name :
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