	<p align="center">NLC TAMILNADU POWER LIMITED DEPARTMENTAL PROCEDURE MANUAL (Incorporating ISO 9001:2015, ISO 14001: 2015, ISO 45001:2018 & ISO 50001:2018) STANDARD OPERATING PROCEDURE</p>		
TITLE: - SOP for Finding Bag Filter Puncture		Doc. ID: NTPL/AHD/SOP-11	
Issue No.: 01	Issue date: 06.11.2018	Revision date: 13.12.2024	Revision No.: 01

1.0 PURPOSE:

To describe the procedure for finding bag filter puncture.

2.0 SCOPE:

Procedure for finding bag filter puncture in Ash Handling Division of NTPL.

3.0 RESPONSIBILITY:

Operation and Maintenance Engineer.

4.0 INPUT:


Defect log from Ash Handling Division Operation Team.

5.0 OUTPUT:

Availability of Equipment.

6.0 ACTIVITIES:

- Vacuum pump's seal water discharge must be ensured frequently.
- If ash particles are observed in the discharge water, immediately inform to the PLC operator.
- PLC operator must inform to Shift In-charge.
- Maintenance team need to check purging timer function, ISH bag filter purging solenoid valve, diaphragm valve and differential pressure AP valve.
- In case of any leakage or damage, Repair or replace faulty components immediately.
- After rectification inform the PLC Operator to take the system back into service.
- If ash is again found in the seal water discharge, conclude that the bag filter is punctured.
- Finally Instruct PLC Operator to switch to standby bag filter and Schedule replacement of damaged filter bags.
- After work completed, Ensure the work area is cleaned.

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- Record all observations and actions in the maintenance logbook.

7.0 RECORDS:

Record No	Record Title	Location	Responsibility	Retention Time
NTPL/AHD/R-09	Daily Maintenance Log	Site Office	Site In-charge	3years

8.0 VERIFICATION, CORRECTIVE AND PREVENTIVE ACTION:

HOD shall ensure adequacy and implementation of the above procedure through periodic interaction with division personnel, and regular review and monitoring of the process and compliances. In case of any observed deviation, correction and preventive action shall be immediately undertaken.

PREPARED BY	REVIEWED BY	APPROVED BY
		
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