	<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 - Changing 300NB Dome Valve in Ash Transporter		Doc. ID: NTPL/AHD/SOP-08	
Issue No.: 01	Issue date: 06.11.2018	Revision date: 13.12.2024	Revision No.: 01

1.0 PURPOSE:

To describe the procedure changing 300NB dome valve in ash transporter.

2.0 SCOPE:

Changing 300NB dome valve in ash transporter 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:

- Ensure the seal pressure of other valves is acceptable before removing the damaged 300NB dome valve.
- Apply Line Clearance (LC) by the Shift In-charge.
- Check the spare 200NB dome valve for open/close operation and seal pressure holding.
- If the valve is new, confirm it was issued with a valid Material Voucher.
- Shift the serviced or new 300NB dome valve to the work location.
- Keep the Ash Transporter vessel inlet manual gate valve in the closed position.
- Inform C&I team to disconnect fittings and hoses from the damaged valve.
- Remove the adapter above the old dome valve.
- Remove the damaged 300NB dome valve and lower it to the zero-meter area.
- Lift the spare 300NB dome valve to the Ash Transporter vessel inlet position and fixed in position.
- Re-fix the adapter in position.
- Inform the C&I team to reconnect fittings and hoses.

	NLC TAMILNADU POWER LIMITED DEPARTMENTAL PROCEDURE MANUAL (Incorporating ISO 9001:2015, ISO 14001: 2015, ISO 45001:2018 & ISO 50001:2018) STANDARD OPERATING PROCEDURE		
	TITLE: - SOP - Changing 300NB Dome Valve in Ash Transporter		Doc. ID: NTPL/AHD/SOP-08
	Issue No.: 01	Issue date: 06.11.2018	Revision date: 13.12.2024




- Check the open/close operation via SCADA and verify the seal pressure is above 4 bar.
- Open the manual gate valve after dome valve installation.
- Return the Line Clearance (LC).
- Inform the operator that the system is ready to be taken into service.
- After completion of the work, clean the working area.
- Shift the damaged 300NB dome valve to the AHS Store area.
- Service the damaged valve and keep it as a ready spare.

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
		
N PRUDHVI RAJ EE-AHS	C S BALASUBRAMANIAN CM-AHS	T NEDUMARAN DGM-AHS