



DALMIA CEMENT (B) LIMITED – ARIYALUR

MECHANICAL SOP

Issue No. 02	Rev. No: 00	Effective Date: 01.11.2019	SOP/MEC/131
Issued By: M.R		Approved By:	
SALT INJECTION IN WTP			

SOP FOR SALT INJECTION IN WTP

PURPOSE: To lay down a procedure to describe the stops to be followed and persons involved in the maintenance of pumps.

RESPONSIBILITY: Mechanical section head, section engineer and supervisor.

PROCEDURE:

1. Insure for proper PPE (PVC hand glouse / others)
2. Taking the general work permit for salt injection
3. Salt pouring into the brain tank.
4. Adding the water into the tank
5. Mixing the water and salt with help of blower
6. To change the valve into the back wash mode
7. To start the feed water pump
8. Backwash the tank softner and MGF tank
9. After that to stop the feed water pump
10. To change the valve from backwash mode to salt injection mode
11. To start the feed water pump
12. Start the brain injection followed by the procedure
13. Reject water to be store in the collection tank
14. After injection to start the slow rinse the softner
15. After the slow rinse to start the fast rinse
16. In this time check the water hardness with help of testing kit



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17. When the PPM less than the 10 water divert to the soft water tank.
18. When the soft water tank reach the high level to stop the pump
19. To stop the feed water pump
20. Close the all valves
21. Close the work permit