



## DALMIA CEMENT (B) LIMITED – ARIYALUR

### MECHANICAL SOP

Issue No. 02	Rev. No: 00	Effective Date: 01.11.2019	SOP/MEC/083
Issued By: M.R		Approved By:	
SOP FOR TRAVESE DRIVE WHEEL			

1. Take the line clearance. Use LOTO system
2. The line clearance paper should be with the person who is working in the site.
3. Use ppe's while working
4. Remove front plate by removing the bolts.
5. Remove gear lock plates.
6. Drain the gear box oil.
7. Remove top cover of gear box.
8. Taken down gear box bottom cover with gear.
9. Remove gear and shaft assembly.
10. Fix 2 nos. jacks for bogie lifting.
11. Remove wheel lock plate.
12. Lift the bogie.
13. Remove the wheel form bogie.
14. Installer new wheel Assembly.
15. Lubricate the both bearings.
16. Lower down the bogie.
17. Fix the wheel lock plate.
18. Insure the lock plate bolt tightens.
19. Re assembles the Pinion shaft.



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20. Align the pinion shaft with gear box end cover.
21. Removed the jack and lower down the wheel assembly.
22. Fix the gear box top cover.
23. Tighten all housing bolt.
24. Top up the oil as per level.
25. Weld all side plate and fix front plate.
26. Ensure lubrication of pinion and gears.
27. Clear the shut down.
28. Remove all tools tackles and all unwanted materials.
29. Take the trial in local for free movement of wheel.