



ROH OF WAGONS

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- All wagon stock are given Routine Over Hauling(ROH)
- In between POH both vacuum and Air brake stock.
- Periodicity:

Sl.No.	Description of stock	Periodicity
1	IRS 4 Wheeler tank wagon	14 months
2	BCXC(UIC)	18 months
3	BOXN,BOXNHS,BRN,BRNAHS,BFNS,BLCA,CB,BFKIN and BOXNHL,	18 months
4	BCN,BCNA,BCNAHS,BCNAHL	24 months
5	BOBRN	18 months

ROH PROCEDURE

- MAN HOURS: 120 Man Hours.
- As Per RDSO instructions modifications shall be carried out for Bogie Coil Springs arrangement to enable CC+8+2 loading.

S No.	Description of Stock	Spg Arrngmt.before upgradation	Up Graded Spg arrangmt.,(M1)
1	All Open AB stock	Outer-6,Inner-4 and Snubber-2	O-7,I-5 andS-2
2	All Covered AB stock	Outer-6,Inner-4 and Snubber-2	O-7,I-5 andS-2
3	All HS open and covered stock	Outer-7,Inner-6and Snubber-2	O-7,I-7 andS-2



ROH PROCEDURE

- The CTRB has been filled with Upgraded EXXONRB 320 B Of IOC to AARM 942 grade.
- The CTRB should be tested by rotating the outer cup for any unusual sound which can be rejected.
- While assembling on bogie the outer cup should be rotated to change the stress zone
- The CTRB end cap should be painted white.
- The Bogie side frame should be given yellow paint bands on web portions after up gradation.
- The wagon should be stenciled as 22.82 t.



ROH PROCEDURE

- Lift the body , run out the bogies keep it on trestles Overhaul the bogie as per RDSO technical pamphlet G-64and G 98(rev 1).The bogie shall be examined with DPT at stress concentration zones
- Strip brake gear levers and pull rods Air brake equipment for examination and worn-out/damaged components .
- The equipment shall be maintained in accordance with the instruction manuals issued by different OEM's



ROH PROCEDURE

- After carrying out above items of work on the wagon the wagon shall be examined for proper functioning of air brake system with single wagon test rig(SWTR)
- Clean horizontal lever hand brake &gears and lubricate.
- Replace with new brake blocks.
- Refit brake gear and lubricate wherever necessary.
- As far as possible replace with machined wheels turned to WWP.
- UST of Axles to be carried out as per RDSO instructions.



ROH PROCEDURE

- CBC knuckles are to be checked with contour gauge ,anti creep/articulated rotary operation of Knuckle arrangement to be checked.
- The CBC knuckles shall be tested with DPT for any cracks
- For covered wagons the wagon shall be given WT(water tightness)
- Manual adjustment of brake power to be done in accordance with wheel diameter.
- Modification works are to be attended as issued by RDSO from time to time.



Thank You