

MAJOR FEATURES OF MODERNISATION

1. Body repair shop is proposed to be constructed afresh location where present stripping shop is located. Complete dismantling & rebuilding of existing stripping shop in to Body repair shop by using space maximization for proposed covered area. The shed will have three bay with one track in each bay. Each bay will have two Nos EOT 20.3 T crane.
2. Proposed Yard stripping shed with one bay & two track. The bay will have one EOT crane of 2T capacity for disposal of stripped material.
3. Existing Body repair shop shall be converted to Bogie shop facilitate in line working of bogie repair of feeding all 3 types of medium, heavy & light load wagons The shop has 3T EOT cranes in 2bays & remaining 2bays. One bay be provided with 5T gantry-EOT crane.
4. Extension of Cross track from Box shop & New Bogie shop.
5. Setting up of wagon & under gear cleaning facility in the yard.
6. Extension of covered area of paint/ Finishing shop with provision of half pit for brake gear fitment and its adjustment. Shower test faculty and NTXR inspection facility will also provided therein.
7. One BOX body bay of finishing shop can be utilised for direct load (D. L.)wagon & BLC wagons. The bay will be provided with steel pillars for 20T EOT crane.
8. Relocation of Tool room from Bay 1 of machine shop to bay 2.
9. Proposed 2nd traversor.
10. Procurement of Co2 welding sets& Air plazma cutting machine for handing stainless steel CRF sections wagon.
11. Improvement to material handling system by induction of more fork lifters& Hydraulic operated foldable crane to be mounted on Truck chasis.
12. Steel yard with Goliath crane.

Proposed layout and material handling system will bring in the following advantages-

1. Sub-assemblies and services move to the wagon instead of wagon moving to sub- assembly.
2. Simultaneous repair work on sub-assemblies & modify flow layout will reduce wagon cycle time.
3. Augment infrastructure for wagon body repairs and build in flexibility.
4. Improvement in quality of POH & production.
5. Improved working condition & clearer work place.
6. Palletisation of material movement.