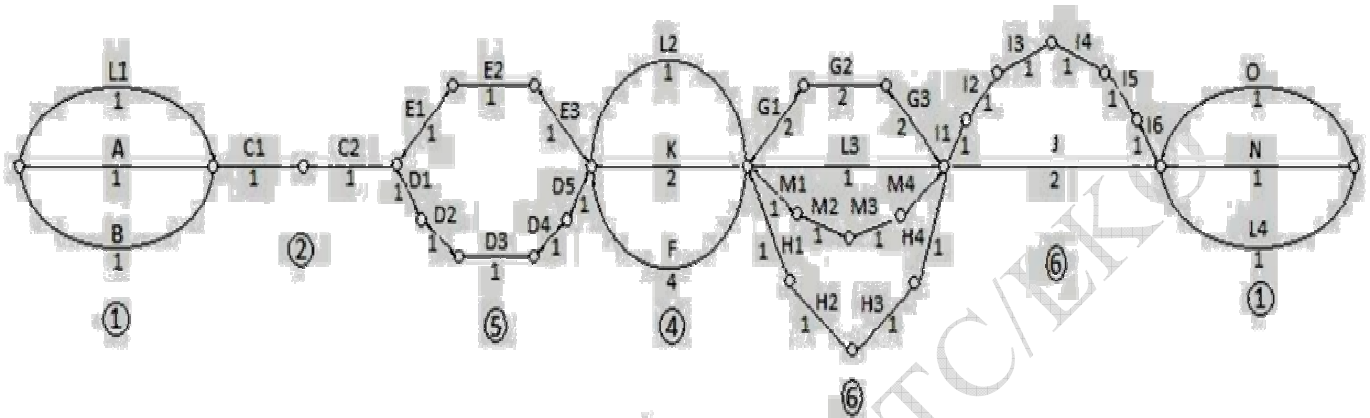


## POH of LHB coaches

### PERT CHART: FOR POH OF LHB COACHES



PERT chart of LHB coaches is given as above. This is the tentative program for a coach undergoing POH. If all activities are completed as per the schedule, there is no delay in the process. Therefore all activities have, a scheduled period during which all the works related to that activity needs to be completed. Full form of PERT (Program evaluation and review technique) .

#### **Details of activities:**

A → Stripping of partition and ceiling of pantry, pantry door etc. - (01 day).

B → pre-inspection of deficiency (electrical) - (01day)

C1→testing and analysing of coach defects, panel equipment, AC plant, water pump, transformers etc.  
– (01day)

C2→ Stripping of equipment.- (01day)

D1→ Before lifting of the coach dismantling of bogie components under pit such as traction lever, anti-roll bar, control arm etc. - (01day)

D2→ Lifting of coach and washing of bogie.- (01day)

D3→Repairing of bogie control arm fitting on wheel and lowering of coach. – (01day)

D4→reparing of air brake components on panel, fitting of silent blocks, fitting of bogie components, under pit and air brake testing. – (01day)

D5→ CBC and WSP system repair. – (01 day)

E1→Cleaning of the CDTS intermediate water tank before lifting coach on stripping line. – (01day)

E2→ Washing of intermediate water tank, branch testing of CDTS panels, valves etc. in CR/L Shop. – (01day)

E3→ Fitting of intermediate water tank in the coach in lifting shop. –(01day)

F→ Stripping of lavatory ceiling, repair of lavatory door, repairing vestibule door, cushion stripping, repair of recycling gear, foot rest, snack table, stripping of the fittings viz. bottle holder, mirrors etc. –(4days)

G1→ Loading of all equipment except RMPU.- (02days)

G2→ RMPU loading, loading of pantry equipment etc. – (02days)

G3→ Complete testing, fault diagnosis and their remedy. –(2days)

H1→Stripping and fitting of window glasses, flooring work etc. –(01day)

H2→Repair and fitment of salon sliding door, roller blinds etc. –(01day)

H3→Repair and fitment of entrance door, electrical panel door etc. –(01day)

H4→Fitting of pantry partition, ceiling, pantry doors, lavatory ceiling, other fittings etc.–(01day)

I1→Washing with suitable detergent –(01day)

I2→Application of putty –(01day)

I3→Rubbing down putty and application of surface. – (01day)

I4→Window masking, roof painting, end painting and painting of side panels leaving down side area. – (01day)

I5→Masking of upper area and down side painting.–  
(01day)

I6→Removal of masks, touch tip, lettering, cleaning and  
other works.–(01day)

J→ Internal painting

K→ Body panel repair, stripped body repair, repair of  
inner members like partition frames, chair angles  
and seat supports etc. –(02days)

L1→ Stripping of curtains in stripping line. –(01day)

L2→Stripping of seats in carriage AC shop.–(01day)

L3→Fitting of seats and curtains in coach.–(01day)

L4→Cleaning of seats and other activity.–(01day)

M1→Testing of under slung/Overhead water tank in CR  
body/CR AC section.–(01day)

M2→Repair and testing of water tank in plumbing shop.–(01day)

M3→Fitting of water tank in coach.–(01day)

M4→Fitting of CDTs panel in coach in CR body/CR AC shop.–(01day)

N→ Final Inspection and Despatch.–(01day)

O→ Final Air Brake testing.–(01day)

**Total cycle of 25 days for POH of LHB coaches.**