

**MECHANICAL (C&W) DEPARTMENT**  
**SEALDAH DIVISION**

**COACH MAINTENANCE POINTS & EXTENT OF ACTIVITY**

**Sealdah Coaching Depot –**

1. It is a mega coaching depot maintaining Total Thirty one (29) pairs of trains, Out of 29 pairs of train 27 numbers are attended Primary maintenance & 2 numbers are attended Round trip maintenance including SDAH-NDLS Rajdhani & Duranto Express, SDAH-PURI Duranto Express, SDAH-JAT Hamsafar Express, SDAH-DLI Sampark Kranti Express of which following trains running with LHB coaches.

- i) SDAH-NDLS Rajdhani Express
- ii) SDAH-NDLS Duranto Express
- iii) SDAH-DLI Sampark Kranti Express
- iv) SDAH-ASR Jallianwalabagh Express
- v) SDAH-JAT Hamsafar Express
- vi) SDAH-NOQ Padatik Express
- vii) SDAH-PURI Duranto Express
- viii) SDAH-APDJ Darjeeling Mail

Total Coach holding of this depot is about 893 coaches (ICF & LHB coaches).

2. In addition of coach maintenance activities one 4 Ton capacity Mechanized Laundry plant also maintained. Production of mechanized laundry plant is supplied to upper class passengers of impotent & prestigious Sealdah Based mail express trains.

Production of Mechanized Laundry/SDAH for the month of Apr, May & Jun'20 is 390, 421 & 482 Pkts/day. Production of Mechanized Laundry works suspended from Jul'20 as per order of competent authority.

3. Bio-toilet Effluent Testing Laboratory has been developed in Sealdah C&W Depot for in-house testing of the discharged waste-water as well as the effectiveness of Bio-toilet system. Out of 6 Nos. stipulated tests, 4 tests can be done in this laboratory as given below :

- pH Value of the Effluent in respect of temperature.
- Total Solid (TS) left in the Effluent.
- Total Dissolved Solid (TDS) left in the Effluent.
- Total Volatile Solid (TVS) left in the Effluent.

Bio Toilets in Trains: 1522 coaches have been provided with fitment of 5531 Nos. bio-toilet having 100% working.

## **Kolkata Coaching Terminal –**

1. This depot maintains both rolling stock Coaching & Goods. Kolkata Terminal was opened on 30/01/2006. At present Thirty eight (36) mail express & passenger's trains are maintained including Two International train KOAA-DHAKA Maitree Express & KOAA-Khulna Bandhan Express.

Out of Thirty eight (36) numbers of trains, Twenty six (25) are attended primary maintenance, Eight (7) are turnaround maintenance & Four (4) Secondary maintenance. Coach holding of this depot is about 518 coaches.

The following trains running with LHB coaches:

1. 12317/18 – KOAA-ASR Akal Takt exp.
  2. 12315/16 – KOAA-UDZ – Ananya Exp.
  3. 12319/20 – KOAA-AGC – Agra Cantt. Exp.
  4. 12357/58 – KOAA-ASR – Durgiana Exp.
  5. 13135/36 – KOAA-JYG - Jainagar Express
  6. 13167/68 – KOAA-AGC – Agra Cantt. Exp.
  7. 22323/24 - KOAA-GCT – Shabd Bhedi SF Exp.(Via BSB)
  8. 13121/22 – KOAA-GCT – Gazipur City Weekly Exp. (Via Chapra)
  9. 13109/10 – KOAA-DHAKA – Maitree Exp.
  10. 13129/30 – KOAA-Khulna – Bandhan Exp.
  11. 13181/82 – KOAA-SHTT – Kaziranga Exp.
2. Automatic Coach Washing Plant is able to achieve complete exterior cleaning of a rake of 24 coaches in about 15-20 minutes time while being placed on the pit line, for primary/secondary maintenance. Total Length of Apron - 61500 mm.
  3. Water recycling plant incorporates ETP and associated pumping arrangement; result in 80% water getting recycled. Since otherwise also the water is more efficiently utilized the overall net water consumption is around 10-15% of that required in normal manual cleaning process.
  4. In addition of coach maintenance activities one 5.0 Ton capacity Mechanized Laundry plant test runs of functional operational of the Mechanized Laundry completed successfully on 25/06/2020.

## **Krishnapur Coaching Depot –**

This depot is situated at extreme end Murshidabadh Dist. (W.B.). Only Kolkata Sealdah Lalgola bound Trains are attended this depot as terminal examination. Turn around maintenance of 03 Mail/Express & 04 Passenger trains is done here.

## **WAGON MAINTENANCE POINTS & EXTENT OF ACTIVITY**

### **Chitpur Freight Depot –**

This depot also caters Goods activity such as examination of C.C., Premium, End to End, Revalidation/Safe to run Examination and sick line repair.

### **Naihati Freight Depot –**

This depot deals only with Freight Stock such as Intensive examination of C.C., Premium & End to End, sick line repair, examination & repair of BDR trains and ROH. Condemnation of C&W stock is done at RE Siding/Naihati.

One of the most important activities of goods stock as Routine Overhauling of BLC & BOXN wagon is done at Naihati C&W depot and for which a separate ROH shed equipped with EOT Crane, Wheel turning Lathe, Mounting & Dismounting facilities of bearings have been constructed in the year 5<sup>th</sup> April, 2011.

**In the month of Jan'21, ROH outturn 220 wagons against the monthly target of 210 wagons.**

### **Ranaghat Freight Depot -**

Mainly dealing with checking/examination, billing of damage & deficiency for Bangladesh bound trains via Gede-Darsona and Petrapole-Benapole International Border Including execution of customs clearance activities.

### **Budge Budge and Majherhat Freight Depot -**

Budge Budge depot mainly deals with End to End examination of newly built BOXN wagons.

Majherhat depot is under control of Budge Budge Depot, attended Close Circuit (CC) rake, Premium & End-to-End (ETE) rake examination & repair work of BLC & BFKHN rakes of CONCOR. Initially this depot operated in two shifts and at present working for 24 hrs i.e. three shifts to avoid detention of Rakes.