

MECHANICAL (C&W) DEPARTMENT
SEALDAH DIVISION



Mechanical (C&W) Department of Sealdah division is headed by Sr. DME with 04 (four) Assistant Officers working under him.

HEAD OF THE DEPARTMENT : **ASHWANI KUMAR**

DESIGNATION : SR.DIVISIONAL MECHANICAL ENGINEER
EASTERN RAILWAY, SEALDAH.

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4 b) (i) Particulars of Organization, Functions and Duties

The Mechanical C&W Department has contributions in the following fields:

- There are 06 depots under Sealdah Division handling both Coaching and Wagon activities:
 1. SEALDAH - It is a mega coaching depot maintaining total Thirty One (31) Mail/Express/Passenger trains. It also consists of 01 Mechanized Laundry and 01 Bio-Toilet Laboratory.
 2. CHITPUR – This depot maintains both rolling stock Coaching & Goods; maintaining total Thirty Eight (38) Mail/Express/Passenger trains. Apart from this, it also maintains 01 Automatic Coach Washing Plant (ACWP) and 01 Mechanized Laundry inaugurated on 25/06/2020 functioning not yet started.

Maintenance of CC, Premium and ETE of Goods trains are also carried out in Chitpur depot.

3. NAIHATI – 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 and disposal 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.
4. RANAGHAT – 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. There is also an ART & ARMV in this depot.
5. BUDGE BUDGE AND MAJHERHAT– This depot mainly deals with loading fitness for vegetable oil of BTPN wagons at Budge Budge. Majerhat depot is under control of Budge Budge Depot, attended Close Circuit (CC) rake & End-to-End (ETE) rake examination & repair work of BLC & BFKHN rakes of CONCOR.
6. KRISHNAPUR – 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.

4 b) (ii) Power and duties of Officers and employees

1. Sr.DME/SDAH

Overall In-Charge for Carriage & Wagon wing for carrying out prescribed integrated maintenance of coaches and wagons. In charge of conducting inspections periodically and monitor proper upkeep of ART/RHA including execution of periodic drills. Ensure implementation of recommendations of High Level Committee Report on Disaster Management & Safety Action plan.

2. DME/C&W/SDAH

Assist Sr.DME in respect to prescribed integrated maintenance of coaching stock in the Division. Give special emphasis on proper maintenance of safety related parts of coaches. Liaison with DEE(G) for maintenance of coaches. To keep liaison with AOM/Coaching for timely placement of rakes and detachment of coaches for maintenance.

3. AME/NCC/SDAH

Ensure integrated maintenance of Sealdah & KRP depot coaching stock. Implement directives of Sr.DME/SDAH given from time to time and give him

feedback. Ensure Mechanized Laundry & Bio-Toilet Laboratory activities. Carry out all other work as and when assigned by Sr.DME.

4. AME-II/C&W/SDAH

Ensure integrated maintenance of Chitpur depot coaching & Wagon stock. Implement directives of Sr.DME/SDAH given from time to time and give him feedback. Carry out all other work as and when assigned by Sr.DME.

5. AME/C&W/SDAH

Ensure integrated maintenance of NH, RHA, BGB& MJT depot Wagon stock. Implement directives of Sr.DME/SDAH given from time to time and give him feedback. Carry out all other work as and when assigned by Sr.DME.

6. AME/C&W/CP/SDAH

Newly posted at SDAH Division in Mechanical(C&W) department on 05/12/2019. Implement directives of Sr.DME/SDAH given from time to time and give him feedback.

7. DEPOT IN-CHARGE

All Depot In-Charges ensure integrated maintenance of SDAH, CP, NH, RHA, KRP, BGB& MJT depot coaching and wagon stock. Implement directives of Sr.DME/SDAH given from time to time and give him feedback. Carry out all other work as and when assigned by Sr.DME.

4 b) (iii) Procedure followed in the decision making process including channels of supervision and accountability.

1. As per the limitations framed in Schedule of Powers (SOP) for various aspects such as establishment, stores and miscellaneous matters, decision is taken at the appropriate level.
2. As far as train working is concerned, Working Time Table (WTT) of latest edition is followed apart from General and Subsidiary Rules (G&SR).

4 b) (iv) Norms set for discharge of functions

1. As per the targets fixed by Hd. Qrs.
2. As per the targets fixed by Railway Board.

4 b) (v) Rules, regulations, instructions, Manuals & Records used for discharging its functions

1. Modified Schedule of Powers (MSOP).
2. CAMTECH Freight maintenance.
3. CAMTECH Coaching maintenance (ICF).
4. CAMTECH Coaching maintenance (LHB).
5. Maintenance C&W Manual.
6. RDSO Freight maintenance manuals.
7. IRCA Rule Book.
8. RPC No. 4
9. Working Time Table (WTT).
10. G&SR Rules.
11. CMM portal for coaching stock.
12. FMM Portal for Freight stock.

4 b) (vi) Statement of categories of document that are held by it or under its control

1. As per delegation of power.
2. Rolling stock maintenance guide line on technical issues.
3. Maintenance pattern guide line of Rolling stock.
4. Rolling stock operation guide line.
5. Disciplinary action guide line.
6. Online record keeping.

4 b) (viii) Statement of the boards, councils, committees and other bodies constituted

1. Mechanical (C&W) department of Sealdah Division.

4 b) (ix) Directory of its employees and its officials

CUG as well as Railway Phone numbers of the officials in this branch

Sl No.	Name	Designation	Mob. No.
1.	Sri Ashwani Kumar	Sr. DME/SDAH	9002021400
2.	Sri Abhinav Bansal	DME/C&W/SDAH	9002021401
3.	Sri Ramesh Chandra Mahanti	AME/C&W/SDAH	9330028422
4.	Vacant	AME/NCC/SDAH	9002021425
5.	Sri Diptesh Kumar Mandal	AME-II/C&W/SDAH	9002021482
6.	Sri Asim Kumar	AME/C&W/CP/SDAH	9002021448

5. Special attention paid during COVID-19 outbreak in moth of Jan'2021:

Special attention paid during COVID-19 outbreak in month of Jan'2021:

During COVID-19, the officer's are devoted to attend their duties maintaining all norms of social distancing and to take care of their staff who are affected by the COVID-19 virus. It is really a commendable job being done by C&W officers.

During this month (Jan'21), Govt. of India is continuing "Unlocking Phase" after lockdown (due to outbreak of COVID-19). In this situation, to continue freight operation & movement smoothly along with maintaining all precautionary measures against Corona infection, we are using NaOCL solution 'sprayer machine', to disinfect our Yard, Sickline, ROH and other office premises on regular basis, vis-à-vis sanitization of all Guard Brake Vans of the originating freight trains from Sealdah division.

Staffs were also counseled regularly on the issue of fighting COVID-19 during Jan'2021.

5.1 In month of Jan'21 have been duly sanitized by recommended disinfectant NaOCL solution, applied thoroughly with sprayer machine.

- In NH Yard, total 105 Guard Brake Vans (BVZI-43, BVZC-53, BVCM-9) of outgoing trains.
- In CP Yard a total of 78 Guard Brake Vans (BVZI-37, BVZC-28 & BVCM-13) of outgoing trains.
- In MJT Yard a total of 38 Guard Brake Vans (BVZI-24, BVZC-14) of outgoing trains.

It will be continued, until COVID-19 outbreak is fully under control. Some photos are attached of the above:



- In RHA depot, apart from office rooms, their doors & Gates, 2 Nos. of ARMV & 4 Nos. ART coaches were also sanitized along with their Tools & plants.



5.2 Innovation of CBC mounting and dismounting gadget by Naihati C&W Depot of Sealdah Division

A CBC mounting and dismounting gadget has been locally manufactured by Naihati sick line C&W staff using in-house scrap materials. This device is used for smooth replacement of heavy and hazardous work during Sick line and ROH. Therefore, manpower is saved as well as safety of staff is also ensured. Less Manpower, more safety and less time for doing heavy and hazardous repair work & achieving target.



5.3 Damaged and ROH due wagons were attended and closely monitored which resulted into all time lowest ineffective balance. This has helped a lot in freight services during the crisis period of lockdown.

5.4 In this spell (01/01/21 to 31/01/21), 02 units of BLC (10 VUs) have been upgraded to BLCM (during ROH), which will help Railways to generate more revenue.



5.5 Twin pipe conversion in Wagon

As per Railway Board instruction, an ambitious project for gradually converted all Single pipe wagons into Twin pipe i.e. addition of Feed pipe & associated component. The work is being carried out by M/s Lalbaba Ltd. Retro-fittment of Twin Pipe (RFTP) work started at Naihati Sickline.

In the spell of 01/01/21 to 31/01/21, total 103 nos. BCN variant wagons (BCN-1, BCNA-56, BCNAHS-14, BOXN-32) have been retrofitted with twin pipe which will help in better control of train during freight movement.



5.6 In Goods maintenance the C&W department has attended & fulfilled the requirement in this area.

5.7 Production of Face Masks:

A total number of 50,000 face masks have been produced and out of which, 35920 face masks have been distributed by Mechanical C&W department, Sealdah.

5.8 The staff wellness in C&W wing is extremely important and the staffs are always instructed to follow frequent hand washing, sanitizing and wearing Mask supplied by this department.

5.9 The work places are fully sanitized with from time to time to protect the staff. As of now no Corona infection has been noticed in C&W wing.

5.10 Running of Special trains :

Total 673 COVID19 Special rake in 34 Trains have been Primary/Turn Round maintained & the requirement has been met. During the lockdown period the guidelines over COVID-19 outbreak are being followed strictly.

Specific areas/Coaches etc. those were fully cleaned and sanitized regularly is as under-

Sl. No.	Depot	Train No	No. of Rake maintained	Primary/Turn Round	Load	LHB/ICF
1.	SDAH	02377/78	31	Primary	22	LHB
2.	SDAH	02313/14	31	Primary	21	LHB
3.	SDAH	02343/44	31	Primary	22	LHB
4.	SDAH	02201/02	13	Primary	16	LHB
5.	SDAH	03141/42	31	Turn Round	18	ICF
6.	SDAH	03185/86	31	Primary	19	ICF
7.	SDAH	03175/76	13	Primary	19	ICF
8.	SDAH	03173/74	18	Primary	19	
9.	SDAH	53171/80	31	Primary/Turn Round	12	ICF
10.	SDAH	53177/76	31	Primary/ Turn Round	12	ICF
11.	SDAH	53181/78	31	Primary/ Turn Round	12	
12.	SDAH	53175/72	31	Primary/ Turn Round		
13.	SDAH	03153/54	31	Primary	22	ICF
14.	SDAH	03105/06	31	Turn Round	19	ICF
15.	SDAH	03103/04	31	Primary/ Turn Round	15	ICF
16.	SDAH	03163/64	31	Primary	19	ICF
17.	SDAH	02987/88	31	Turn Round	21	LHB
18.	KOAA	02357/58	9	Primary	22	LHB
19.	KOAA	02495/96	5	Secondary	22	LHB
20.	KOAA	02517/18	9	Turn Round	19	ICF
21.	KOAA	05047/48	18	Turn Round	21	LHB
22.	KOAA	05049/50	9	Turn Round	21	LHB
23.	KOAA	05051/52	4	Turn Round	21	LHB

24.	KOAA	03113/14	31	Primary/ Turn Round	15	ICF
25.	KOAA	03161/62	31	Primary/ Turn Round	15	ICF
26.	KOAA	02319/20	4	Primary	22	LHB
27.	KOAA	03135/36	5	Primary	22	LHB
28.	KOAA	03121/22	5	Primary	19	LHB
29.	KOAA	03125/26	4	Primary	19	LHB
30.	KOAA	03181/82	4	Primary	22	LHB
31.	KOAA	03155/56	9	Primary/ Turn Round	20	ICF
32.	KOAA	03157/58	4	Primary/ Turn Round	20	ICF
33.	KOAA	03159/60	13	Primary/ Turn Round	20	ICF
34.	KOAA	03145/46	31	Primary/ Turn Round	20	ICF

5.11 Running of Parcels Special trains :

Total 13 (SDAH-GHY:09, & KOAA-GKP:4) Parcel Special trains have been maintained & the requirement has been met. During the lockdown period the guidelines over COVID-19 outbreak are being followed strictly.

5.12 POH extension/IOH out turn at Sealdah division

In the year of 2020-21, following coaches out-turn from SDAH and CP sick line is given below:

Activities	Nov'20	Dec' 20	Jan'21
IOH done	61	73	61

5.13 Implementation of E-Office in Mechanical C&W, Sealdah Division.

E-Office portal work has been started in Mechanical C&W department, Sealdah Division. All department files are being created on E-Office portal using the respective dealer account credentials.



Total 27 No. of users created & 517 files have already been created upto Jan'21.

5.14 ROH out turn in Naihati Depot

ROH outturn of 1336 wagons achieved in the year 2020-21, out of which 220 nos. of wagons were ROHed during the Month of Jan'21. This is achieved by leveraging the team spirit of ROH Depot from all corners. Utilization of Infrastructural set up benefit of ROH depot at Naihati also optimized to gear up out turn.

5.15 Other highlights.

Activities	2019-20 (Jan)	2020-21 (Jan)
Premium rakes examined	89	110
Close Circuit rakes examined	23	30
End-to-End rakes examined	82	67
Wagon ROHed done	212	220