

APRIL - 2023

- **Rexine Linen Bags:-** Rexine Linen bags have been created in-house at Coaching Depot BSBS. Rexine linen bag is far more superior in terms of strength & durability as compared to existing cloth bag. The respective train no. and coach no. will be printed on the bag for easy recollection. This rexine based design prevents external dust and dirt to enter the bag and hence helps to keep the linen clean.

- **Coach Maintenance Handbook :-** A Coach Maintenance Spares handbook has been developed under the supervision of C&W Engineers of BSB Division for the knowledge upgradation of coach maintenance supervisors and staffs. Same handbook will be informative for other divisions as well.

GM/NER praised the unique idea of this handbook during the time of inauguration on 26.04.2023 at PCME conference hall Gorakhpur.



MAY - 2023

- **Dress Code for OBLD, OBHS & A/C Staff:-**

Earlier there was a difficulty faced by passengers to distinguish between OBHS, AC mechanic & OBLD staff and as a result lots of RailMadad complaints arose. To cope up with this situation a new initiative has been started in which-

1. Staff dress code is changed from white to blue to distinguish from AC mechanic & OBHS.
2. High visibility orange jackets will be provided to each OBLD staff.
3. Attendance is being by GPS camera both at originating & terminating stations.
4. A "Bedroll & AC" labelled stickers will have been stitched in the uniform.



- **Compliance of instructions regarding Fire Safety at Coaching Depots:** All coaching depot of BSB Division has ensured the compliance of fire safety audit instructions as under – Dedicated hydrant line painted in red colour has been earmarked. Earmarking of location of fire extinguisher and Emergency contact nos. Earmarking of location where the depot staff should be aggregated in case of fire.



JUN – 2023

● **Medical Camp at Trainset Depot ARJ :-**

A Medical Camp has been organized with the help of CMS/BSB on dt. 22.06.2023. During this camp physical check-up (Annexure-J) has been done of employees. Dr. R.J. Chaudhari, Dr. Monika Shukla, & Dr. A.K. Gupta were available in the medical team. It was inaugurated by Hon'ble DRM/BSB.



डीआरएम महोदय का स्वागत करते हुए चित्र



जॉब शिफ्ट के दौरान चेक-अप



मेडिकल टीम के साथ चित्र



निरीक्षण के दौरान चित्र

JULY – 2023

- **Anti Pilferage Device** :- Coaching depot BSBS has been developed a Anti Pilferage Device to protect the fire extinguishers being stolen, in the coaches. It has installed in door way area near the wastebin. It would be helpful to save the railway property and revenue also.



- **Fire Smoke detection System** :- Coaching depot CPR has installed & commissioned the fire and smoke detection system in LHB coaches. Coaching depot CPR has total 82 LHB coaches, in which 80 coaches has fitted with the system.

- **WATER RE CYCLING PLANT IN COACHING DEPOT CPR.**



- **ESTABLISHMENT OF FIRST HOT BOX DETECTOR IN NORTH EASTERN RAILWAY.**



- **ESTABLISHMENT OF FIRST QUICK WATERING SYSTEM IN NORTH EASTERN RAILWAY.**



- **In-Coach Announcement System** : Start of Service of In-Coach Announcement System in Trains of Varanasi Division NER: A step for public awareness of passenger facilities. Information about cleanliness, Bedroll and other services is being announced en-route in trains of BSBS coaching depot by utilizing the available resources provided in LHB coaches. Announcement of facilities :>OBHS services: Green uniform.>OBLD services: Blue uniform.>Control phone number > Journey wishes is being conveyed at every 4 hrs in day time trains and in night time it is being for a great experience. Passenger will feel informed about the services available in Our trains and the efforts we put to ensure their comfortable and safe journey. At present this announcement announced at originating & terminating station. Trains covered :12559/60 and 12581/82.

AUG – 2023

- **Automatic Coach Washing Plant:-** Automatic Coach Washing Plant has installed in coaching depot CPR on dt. 20-08-2023. Washing capacity of the plant is 70 – 80 coach/hour, 300 litre of water has been consumed for 01 coach and whole rake (24 coaches) could be washed within 7-8 minutes. After installation of the plant, it will decrease the man power & water consumption.



- **MAU ART(140 Ton Crane) Commission :-**A new Gottwald Crane no.-144041, 140 Ton Capacity Crane has been Commissioned at Coaching Depot MAU on dt. 12-08-23. After commissioning this 140 Ton crane at MAU, it is very useful in restoration work during unusual incidence. This type of crane is available to HQ-GKP/NER & DDU/ECR. Now it is available in BSB division also



- **Multidevice testing & working bench :**

Coaching depot BSBS has been developed a multi device testing & working bench with own available resources. It use to check leveling valve, duplex check valves, FIBA brake indicator, Brake Acceluator & working system of A-9. It is also check leakage inair spring of LHB coaches.



SEPT – 2023



- APD locked with Fire Extinguisher at MAU : Coaching depot MAU has been developed a technics to secure the fire extinguisher in coaches. it would be minimized the pilferages case of Fire Extinguisher.
- FDS installed in AC coaches at MAU : Coaching depot MAU installed FDS in MAU based AC coaches to alarming on fire detection in coaches.

- Anti Theft Water Tap System :Coaching depot BSBS has developed a device to prevent westage of water in the coach, usually passengers not used water tap in proper manner so westage of water is done. water flow in tap control by the switch.

OCT – 2023

- Shifting of RTR machine room at Coaching depot chhapra :- During CPR yard remodelling, the old RTR machine room was dismantled and a new RTR machine room was built at a new location. MR tank, RTR machine and all other related piping arrangements have been shifted by C&W team of CPR.



- **WATER LEVEL INDICATOR**

- The Indicator shows the availability and level of water in under slung water tank.
- The indicator shows the working of water pump.
- The indicator provide knowledge that why the water is not coming in coach.



- **SPARMV Innovation :** In a bid to optimize the efficiency , reducing response time & to reduce the physical exertion of SPARMV staff when handling heavy equipment at accident sites, the Coaching Depot BSBS has introduced a range of innovative solutions. These advancements include:

1. **Detachable Support for Heavy Machinery Descent :-** Comprising two U-shaped channels arranged in a ladder configuration. Equipped with two detachable support bars.

2. **Mono Rail Cum Road Trolley (Larger Size) :-** Designed to accommodate heavier loads. Features detachable arms for enhanced flexibility.

3. **Mono Rail Cum Road Trolley (Smaller Size) :-** A compact version with detachable arms for versatility.

4. **Rail Trolley: -** Constructed from lightweight aluminum. Incorporates a foldable base for convenience.



Collectively, these innovations are capable of transporting all SPARMV machinery, including compressors, bridges for HRE, wooden wedges, and more.

The entire setup requires only four personnel to operate efficiently, significantly reducing the manpower needed for such tasks.

Furthermore, these innovations are space-efficient, occupying a total area of just 4 feet by 6 feet. This compact footprint ensures easy accommodation within the Tool van, further enhancing the mobility and readiness of the SPRMV team.

By introducing these cutting-edge solutions, we aim to improve the overall effectiveness and safety of our operations while alleviating the physical demands on our dedicated staff.

Nov-2023

- **Water level indicator:-**Coaching depot BSBS has developed a unit for testing the water level of coach water tank.It is installed as model in the training centre of coaching depot BSBS to trained the trainees.
 - It is useful to check the water level in coach.
 - This unit is use to check that water pump properly working or not.
 - During the filling of water in the coach tank, it can check that 30 litter capacity tank is filling properly or not.
- **New TrainStarted :-**A new special Train No : 05181 was inaugurated on dt. 22.11.2023 by Honb'le Rail minister fromMAU to LTT through Vedio Conferencing.



- **Mock Drill at MAU :-**A full scale mock drill has been launched on dt. 06-11-2023 with the help of NDRF Team at coaching depot MAU.



Dec -2023

- **Kamayani Exp. Extended up to BUI :-** Kamayani Exp. train has been extended upto BUI (BUI - LTT) It's inaugural run ceremony has been done successfully on dt. 10.12.2023 by honbl'e MP/BUI. It would be more beneficial for the people of BUI and residing nearby.
- **Shiv Ganga train have been adorned with stickers:-** The first-class AC coaches of the Shiv Ganga Exp. have been adorned with stickers that spread the essence of BANARAS- its temples, ghats, and rich cultural heritage.

It's allow a one-way sight, enabling passengers to marvel at the scenic views of Varanasi's temples and ghats while ensuring privacy and comfort inside the coaches.

Advantages:

1. Highlights the aesthetic initiatives of the maintenance team of coaching depot BSBS.
 2. Enhanced travel experience of passengers.
3. Promotion of Tourism



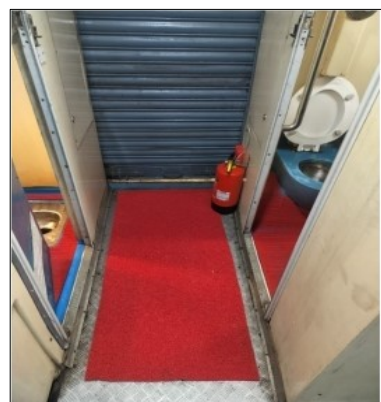
Jan – 2024

- **Train No.- 12581/82 Extended up to BUI :-**

Train No.-12581/82 has been extended upto BUI (BUI - NDLS) It's inaugural run ceremony has been done successfully on dt. 30.01.2024 by honbl'e MP/BUI. It would be more beneficial for the people of BUI and residing nearby.

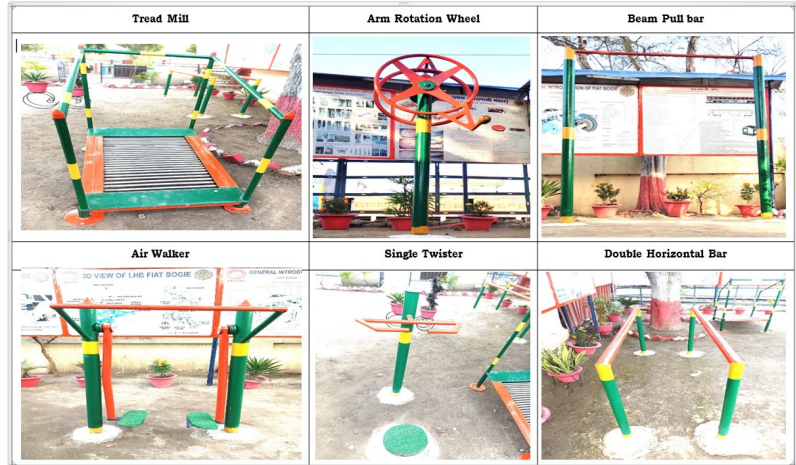


- **Astha Special Rake :-** PCME has inspected the Astha Special Rake (AMH – AY) on dt. 27-01-2024 at MAU station. PCME sir, appreciated the maintenance of the train and facilities provided in the coaches. Rake is ready for service.



Health and Knowledge Park :

- **Outdoor treadmill** - For Jogging/Running. It helps strengthen the heart, reduce blood pressure and lower the risk of heart disease and stroke.
- **Arm Rotation Wheel** - For comprehensive upper body warm-up, enhancing strength and muscle tone. It improves joint flexibility & increases blood circulation.
- **Beam Pull Bar** - Strengthens the muscles of the lower back & improves posture and stability. It also promotes bone development, enhances cardiovascular health, reduces visceral fat, and helps manage type 2 diabetes.
- **Double Horizontal Bar** - Provides basic and effective upper body strength exercises.
- **Air Walker** - Improves the mobility of the lower limbs, balances and coordinates the work of the whole body.
- **Single Twister** - Exercises waist and helps to relax waist and back muscles.
- **Swachh Trolley for garbage collection** :- A Swachh Trolley has been made in-house at Coaching Depot Chhapra by using scrap material for collection of garbage from coaches and specially it is dedicated for Aastha specials trains. It has Four wheels with a pulling handle and the facility of side opening door is equipped with spring and damper mechanism.



- **Linen Holding Table** : While working on the Calendering/Ironing machine in Mechanised Laundry/Chhapra, linen was falling directly on the floor after ironing. Due to which, the quality of linen was being affected & also make it unhygienic. To cater this problem, linen holding stands have been made and installed in all 03 Calendering machines on both sides of the Calendering machine using local resources at the departmental level. Hence, the quality of linen cleanliness improved.



- Quick Response Service :** Sticker with QR code for Quick Response service for Reducing Rail Madad Complaints Stickers with QR code for Quick Response service for OBHS & OBLD Services were made & pasted in coaches for reducing Rail Madad complaints. After scanning this QR code, passengers are directed to Local control Chhapra through Whatsapp & Phone where they can easily communicate for cleaning & bedroll services. Due to this local control Chhapra will quickly solve the passenger issues.



- Foldable Guard Table** Train managers were facing a lot of difficulties in performing writing work during duty. To overcome these problem, the employees of Coaching Depot Chhapra have made and installed a foldable table on the emergency tool box at the departmental level using scrap items.



- **Zip assisted blanket cover:-** Presently being used in First AC of 12559/60 & 12581/82 trains.



- **QR code based Fire ex. maintenance system:-** A QR code based Fire ex. testing & refilling system has been incorporated in BSBS coaching depot. This will facilitate in-
 1. QR code that leads to a Google sheet.- enhancing process simplification.
 2. Unique number to each fire ex.
 3. Testing & Refilling done & due dates- enhancing safety.
 4. Location at which each fire ex. is placed- enhances traceability.
 5. Condition of powder, discharge pipe & nozzle- ensures proper working of fire ex.



- **Water tank cleaning device :** To clean water tanks in D2 & D3 schedule



- **SPARMV Tool for wheel disengagement**

Watching/Relief Hut :- Watching/ relief Hut has been made for Railway Protection Force at the main entry/exit of Coaching depot Mau by using scrap material. This has made it easier for On-duty rescue staff to monitor the 140 T crane and spare vehicle stable in the sick line , washing pit line and yard.



Ammrit Bharat Station Scheme :-
PM Inauguration for re-development of Railway Stations, ROB/RUB and other passenger facilities under Ammrith Bharat Station Scheme

