



भारतीय रेल / Indian Railways  
बनारस रेलइंजन कारखाना  
Banaras Locomotive Works  
वाराणसी-221004, भारत/Varanasi-221004, India

- ISO 9001 : 2015
- ISO 14001 : 2015
- ISO 45001 : 2018
- ISO 50001 : 2018
- ISO 3834-2 : 2021
- NABL Accreditation
- ISO 22163 - IRIS Certification
- SS Workplace Management System



No: M/Gen./055

Office of the  
Dy.CME/Planning  
Date: 09.09.2024

**Director Mech. Engineering (PU),**  
Railway Board,  
New Delhi.  
(Email: dmepu@rb.railnet.gov.in, ir.pu.pcdo@gmail.com)

**Sub:** BLW's Data for 'Best Production Unit Shield' 2023-24.

**Ref:** Railway Board's letter no. 2023/M(PU)/1/15 dated 29.08.2024.

In reference to the Railway Board's letter above, criteria wise brief remarks on '**Performance of BLW**' for the year 2023-24 as compared to FY 2022-23 is enclosed.

This has approval of GM/BLW.

**DA:** As above (in 41 pages)

(S.K. Srivastava)  
Principal Chief Elect. Engineer



# बनारस रेलइंजन कारखाना, वाराणसी

## Banaras Locomotive Works, Varanasi

(An ISO 9001:2015, ISO 14001:2015, ISO 45001:2018, ISO 50001:2018, ISO 3834-2:2021, ISO/IEC 17025:2017 NABL Accreditation, ISO 22163:2018 IRIS and 5S certified Organization)

**Sub: Data for 'Best PU Shield 2023-24'.**

**Ref: Railway Board's letter no. 2023/M(PU)/1/15 dated 29.08.2024.**

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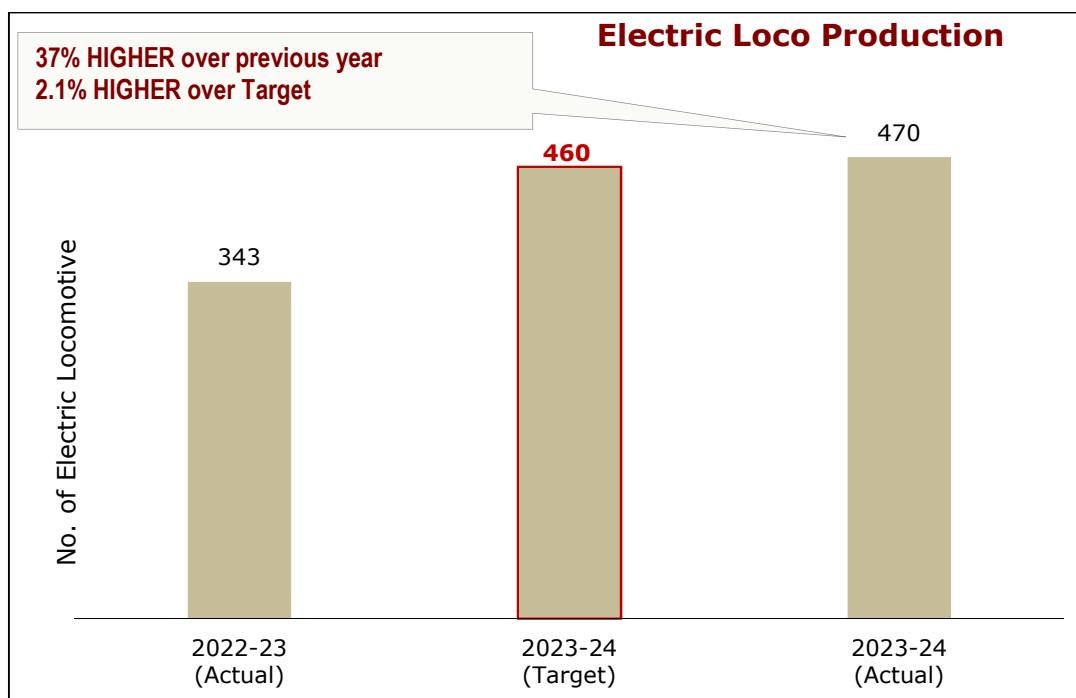
## 1. Production Outturn

### i) Overall Production:

BLW has achieved a significant milestone by manufacturing **475** locomotives in FY 2023-24, marking the highest and unparalleled loco production in any single financial year. This includes 470 electrics for IR and 5 diesel locos for Non-Railway Customers.

In January'2024 alone, BLW set a record by manufacturing 55 electric locomotives, the highest production figure achieved in any single month.

Furthermore, in December'2023, BLW had the honor of dedicating its 10,000<sup>th</sup> locomotive to the service of nation by Hon'ble Prime Minister Shri Narendra Modi.



### ii) Other components production performance

➤ **Block Division:** Performance for FY 2023-24:

Type of Rolling stock/Items	Targets (FY2023-24)	Achieved FY 2023-24	Achieved FY 2022-23
Bogie Frame Assembly	130 (65 Loco Set) (Revised)	145 (72.5 Loco Set)	152 (76 Loco Set)

- **Bogie Frame Assemblies ahead of target:** Against the target of 130 Bogie Frame Assemblies, BLW has manufactured 145 Bogie Frame Assemblies.

➤ **Engine Division**- Performance for FY 2023-24:

SN	Type of Rolling stock/ Items	Targets (FY 2023- 24)	Achieved FY 2023-24	Achieved FY 2022-23
1.	HHP TSC (Overhauling+New)	625	709	386
2.	Turbo Clutch Assembly (Overhauling+New)	1000	1268	563
3.	HHP Power Pack (RSP)	01	01	01
4.	WDG3A Power Pack (NRC)	06	03	04

- **Highest ever overhauling/manufacturing of HHP Turbo superchargers (TSCs) in a month-** 70 HHP TSCs were overhauled/manufactured by HHP Turbo Shop in the month of February 2024 through optimal utilisation of available resources. **This is the highest ever monthly outturn in any month in the history of BLW.** Total 709 nos. HHP TSCs overhauled/manufactured in 2023-24 as against 386 nos. in 2022-23 with an increase of 83% over last year.
- **Highest ever overhauling/manufacturing of HHP Turbo clutch assemblies (TCAs) in a month:** 130 nos. HHP TCA overhauled/manufactured by Sub Assembly Shop (SAS) in the month of February 2024, **which is the highest ever monthly outturn in any month in the history of BLW.** Total 1268 nos. HHP TCA overhauled/manufactured in 2023-24 as against 563 nos. in 2022-23 with an increase of 125% over last year.

➤ **Marketing Division:**

**a. Details of loco dispatched (NRC–Domestic last two years)**

Year	Qty.	Types of loco	Customer
2022-23	2	WDS6ADT	RITES-RES, Gurgaon
2023-24	5	WDG3A	UPRVUNL/ Etah-2 NTPC/Farakka -2 Adani Power Jharkhand Ltd./Godda-1

**b. Order received (NRC–Domestic) in 2023-2024**

Customers	Loco	PO date	Qty.	Cost (₹ Cr)	
				Rate	Total
M/s UPRVUNL/Obra	WDG4	13.07.23	01	19.45	19.45

**C. Order received (for Export) in 2023-2024**

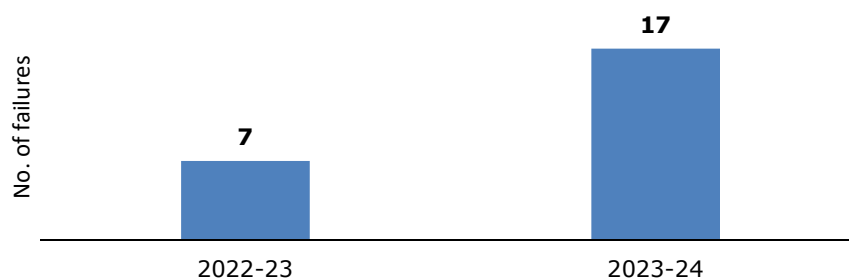
Customers	Loco	PO date	Qty.	Cost (₹ Cr)	
				Rate	Total
M/s RITES	Conversion of HHP BG loco to SG	13.09.23	2 set	1.53	3.06
CFM Mozambique through M/s RITES	3300 HP AC-AC Cape Gauge	28.12.23	10	6.31	63.1

## 2. Quality

### a) Performance vis-à-vis previous year on failures reported by ZRs:

Period	Electric Loco Failures 100 days
2022-23	07
2023-24	17

#### Electric Loco Failures 100 days



### b) Settlement of Warranty Claims made by Zonal Railways:

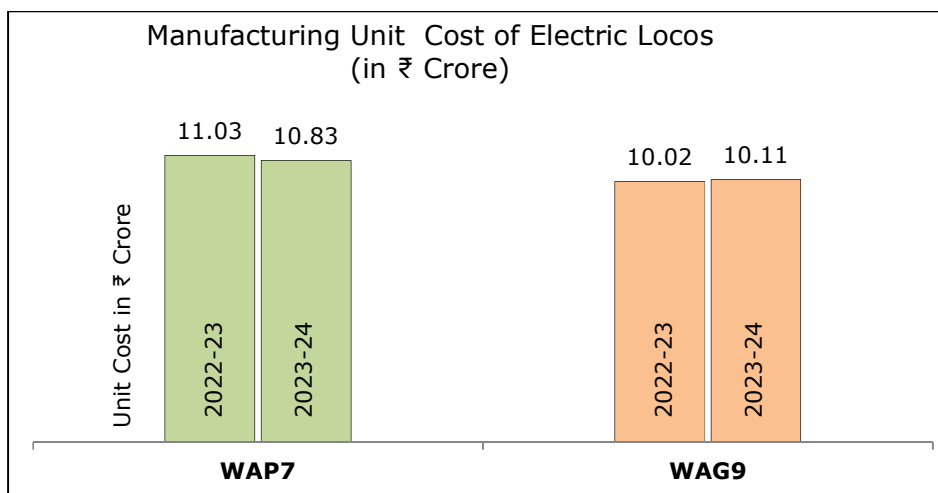
FY	Opening Balance as on 1 <sup>st</sup> April	No. of Warranty claims issued during FY	No. of Warranty claims settled during FY	Closing balance on 31 <sup>st</sup> March of FY	% of settlement
2022-23	1080	2350	2925	405	85.27%
2023-24	405	2642	2672	375	87.69%

### 3. Economy Measures

#### a) Percentage reduction in Unit cost of Locomotives:

The unit manufacturing cost of WAP7 in FY 2023-24 has slightly decreased compared to 2022-23, while the manufacturing cost of WAG9 has been successfully maintained at nearly the same level as the previous year, despite increases in wages and the cost of procuring required materials.

- i) Some of the following measures resulted in stabilization of unit cost of loco:
  - Re-deployment of staff engaged in diesel locos after imparting training.
  - Critical review of manpower requirement
  - Reduction in overheads by:
    - Implementation of financial norms in vetting of proposals.
    - Strict monitoring of cash out flow.
    - Reduction in avoidable expenditures.
    - Reduction in expenditure due to in-house maintenance of machines.



- ii) **Savings due to in-house repair of Major M&Ps:** In FY 2023-24, ₹1.53 Cr approximately have been saved.
- iii) **Jig/Fixtures dispatched to Z.Rlys/PUs:** Apart from full-filling in-house requirements, Jigs/Fixtures manufactured and dispatched to Z.Rlys/PUs of ₹ 0.36 Cr in FY 2023-24.
- iv) **Reduction in AMC Expenditure:** Service Engineering division had already taken action in previous financial year for reduction in AMCs, which resulted a reduction of AMC expenditure by 11.58% in year 2023-24 over year 2022-23.
- v) Key way depth of support assembly for TSC (363 Nos) has been modified to meet crisis of support assembly. There is a saving of approx. ₹32.48 lakhs.

**b) Electrical Energy Consumption per Equated Unit:**

i) Comparative energy used:

Electrical Energy Consumed per equated unit (KWH/Loco)		% age Saving in per equated energy consumption over 2022-23
2022-23	2023-24	
60,011 (units purchased+ Solar generation)	42,178 (units purchased+ Solar generation)	29.72%
46,613 (units purchased only)	32,974 (units purchased only)	29.26%

**c) Inventory Turnover Ratio:**

Financial Year	TOR (%)	
	Target	Achieved
2022-23	(-)2.96	(-)3.28
2023-24	(-)2.08	(-)2.63

**d) Funds Booked under PH21, PH41 & PH42 as % age of Budget Grant:**

(Figures are in ₹ Cr)

Plan Head	FY 2022-23 (April to March)					FY 2023-24 (April to March)				
	BG	RA	Expenditure	% of BG	% of RG	BG	RA	Expenditure	% of BG	% of RG
PH-42	2.37	13.92	7.11	300	51.1	103	18.14	18.31	17.8	100.94
PH-41	10.99	6.36	5.59	50.9	87.9	8	3.43	2.7	33.75	78.72
PH-21	PH-21 is not operated in BLW. However, RSP of locos is booked under PH 7200 in BLW but Zonal Railways accept this RSP booking under PH-21.									

BG: Budget Grant      RG: Revised Grant



## 4. Occupational Health & Safety

BLW has made integrated Quality, Health, Environment and Safety Policy. In conformance to provision/requirements of OHSAS Management, BLW is having certificate of ISO 45001:2018 (**Occupational Health and Safety Management System**) since 2005.

### a) Number of Accidents in the PU per year:

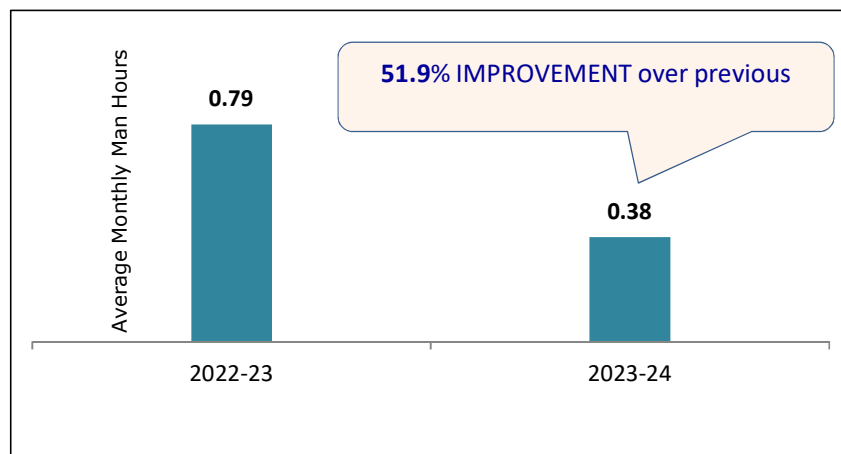
This year BLW has only one accident. In past 04 years no accident occurred:

2022-23	2023-24
Nil	01

### b) Average Monthly man-hours lost due to IOD cases/100 staff:

**51.9%** improvement over previous year

2022-23	2023-24	Remarks
0.79 hrs	0.38	<b>51.9 % improvement over previous year</b>



### c) Supply and use of Personnel Protective Gears and Equipment:

BLW has formulated "Schedule of Safety Equipment and Protective Clothing" wherein 37 safety items (i.e. PPE's) have been listed with their scale of issue for the purpose of safety of workers and the position is reviewed regularly. All 37 Personnel Protective Equipment (PPE) as per latest EN/IS specifications are made 100% available and being used.



Use of PPEs

### d) No. of Safety inspections:

Plant safety inspections were carried out on regular basis to identify unsafe act and unsafe condition. Details of which are as under:

Plant Safety inspection for identification of unsafe Act +Unsafe Condition		
2023-2024 (Target)	2023-2024 (Actual)	Remark
144	144	<b>Target Achieved</b>

### e) Safety Seminars:

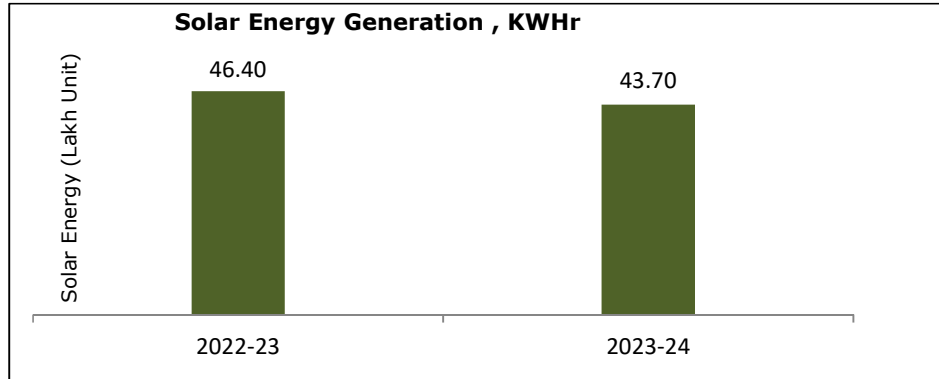
Safety Seminars were organised with the aim of safety awareness among staff and supervisors.

2023-24 Target	2023-24 Actual	Remarks
02	02	Target achieved

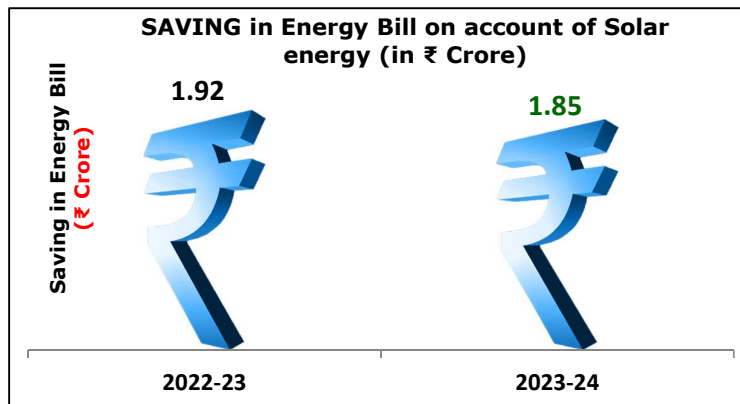
## 5. Environment Management

### a) Development of Alternative Sources of Energy (Solar Power):

- i) BLW has a total of 3.859 MWp Roof top Grid connected Solar installed capacity.



- ii) The **percentage share** of solar energy over the total energy consumption is **21.82%** (2023-24)
- iii) Total Solar energy generation is 43,71,667 KWH in FY. 2023-24 due to which saving on account of solar energy is 1.85 crores.



- iv) BLW has been awarded by BEE/New Delhi as Shunya plus labelling certificate for BLW Inter College Building on 15.01.2024

### b) GreenCo Rating:

BLW obtained GreenCo Silver Rating under the GreenCo Green Company Rating System and became the first production unit on IR having this certification.

BLW is in the process of obtaining re-certification.

### c) Scrap Management:

#### i) Stores Department

(All values in ₹Crore)

2022-23		2023-24	
Target	Achieved up to March 2023	Target	Achieved up to March 2024
10	11.86	10	8.86

#### ii) Other than Stores Department

BLW has made negative contract (i.e. contractor has to pay the amount) of Low Value Solid Waste items. Under this contract opening of wooden packing of Locomotive items in shops floor, and disposing off of 54 types Low value solid waste in BLW workshops & Office premises by contractor resources. The performance of this contract is as under:

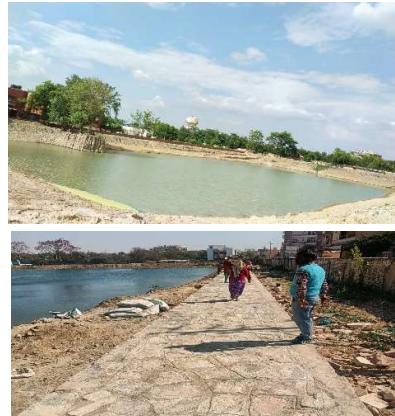
FY. 2022-23		FY. 2023-24	
Quantities of Low Value Waste (in Cubic Feet)	Value of Waste received (in Rs.)	Quantities of Low Value Waste (in Cubic Feet)	Value of Waste received (in Rs.)
239051.856	74,10,610	289991.731	76,97,825

### d) Rain water harvesting, Water recycling, Water conservation and management:

#### i) Rain Water Harvesting:

Approx. 44000 sqm roof top area of has been covered under RWH.

- One pond of 31000 KL capacity has been created to sort out the issue of water logging in Kanchanpur colony during rainy season. Apart from this, it will also ensure recharge of Ground water. Stone pitching has also been done around the pond.
- 60 deep recharge wells in colony
- 8 nos. water bodies connected to storm water drains
- 5 abandoned tube wells converted into recharge wells



Kanchanpur Colony Pond

#### ii) Water recycling:

- 1564-million-liter and 1192 million liters water has been recycled during 2022-23 and 2023-24 respectively by STP.
- Recycled water is used for irrigation of road side lawns, bungalows lawn/ garden, filling of water bodies at Surya Sarovar, Tagore Park and Golf course.



#### iii) Water conservation & management:

- Motorised Gate valve have been provided along with automation of Pumps.

### e) Effluent treatment pollution control and waste management:

- BLW has **Industrial Effluent Treatment Plant (IETP)** for treating contaminated & mixed Petroleum oil and Lubricants (POL) of **3 MLD capacity**.
- Approx. 360 litres of oil and grease has been separated during FY 2022-23.
- Approx. 240 litres of oil and grease has been separated during FY 2023-24.
- BLW has **Sewage Treatment Plant (STP)** of 12 MLD (Million Litres per day) capacity, for treatment of discharged human waste. Approx. 4.47 million litres of water are being recycled every day.
- The treated water is released for agricultural and gardening purposes.
- The digested bio-manure as sludge dried is used as fertilizer for horticultural purpose.
- One water recycling plant is available at 'Surya Sarovar' of 0.25 MLD capacity.
- One water recycling plant is available at Golf Course of 0.25 MLD capacity.
- **Online monitoring of STP and IETP:** Performance of STP and IETP for data pertaining to BOD, COD, pH, TSS and oil content is continuously monitored online 24x7, round the year.



**No sewage, whether treated or untreated, is discharged into Holy River Ganga.**

### Pollution control:

- **Tree Plantation:** 3410 nos. trees were planted during 2022-23 and 2468 in 2023-24 against target of 2000 trees per year.
- **Dry leaf cutting machines:** One power operated and one manually operated, portable, compact and user-friendly dry leaf cutting machine has been designed and manufactured in-house by Service Engineering Division. These machines are very useful for converting dry leaf large volume heaps into small volume heaps which can be further used for making organic manure.
- BLW boasts of a green area of 40% of its total area having more than one lakh small & big trees.
- Release of CO<sub>2</sub>, CO, SO<sub>2</sub>, NO<sub>2</sub> and particulate matters in flue gas through different stacks is regularly monitored and kept within the limit prescribed by Central and State Pollution Control Board.
- Use of pictures for worship of Lord Vishwakarma on "Vishwakarma Pooja" instead of clay idols.
- Waste generated from the residential area is segregated as solid waste and biodegradable waste. Solid waste is dumped at locations nominated by municipality. Biodegradable waste is dumped in the pits for composting. Debris are used to fill the low-lying area.
- 100 kg/hour capacity electric incinerator is functioning to dispose-off paint sludge, oil-soaked jute, oil saw dust, paint-overall, lube & fuel oil.

## 6. Certifications

BLW has the following valid certifications:

**a) ISO 22163:2018 IRIS Certification:**

**International Railway Industry Standard is organizational** level certificate which includes information on topics specific to railway industry. The IRIS initiative is led by UNIFE and aims to secure higher quality in the rail sector through developing and implementing global systems for evaluation of companies supplying to the railways.

BLW has been awarded IRIS Re- Certification and is valid until 11.12.2025.

**b) 5 S Certification**

The 5S Method is a structured programme to implement workplace organisation and standardization. 5S improves safety, work efficiency, productivity and ownership.

BLW has 5S certificate valid till 02.09.2027

**c) ISO 3834-2:2021 Certification**

ISO 3834-2:2021 provides criteria to be considered for the selection of the appropriate level of quality requirements for Fusion Welding of Metallic Materials.

BLW has ISO 3834-2:2021 valid up to 25.08.2026.

**d) ISO 50001: 2018**

ISO 50001 is based on the management system model of continual improvement also used for other well-known standards such as ISO 9001 or ISO 14001. This makes it easier for organisations to integrate energy management into their overall efforts to improve quality environmental management.

BLW has ISO 50001 certificate valid till 17.01.2027.

## 7. Industrial Relations

### a) Staff Council Meetings:

Staff council meetings have been organized and issues raised by them have been resolved properly. Equal nos. of meetings have been held this year as compared to last year. Details are as under:

Description	2022-23	2023-24
BLW Staff Council Meeting	03	03
BLW SC/ST Association Meeting	02	02
BLW OBC Association Meeting	02	01

### b) Relationship of Staff with Management:

- Relation between staff and management is very amicable and cordial.
- No industrial unrest took place during the financial year and not a single hour of work was lost due to excellent & healthy Industrial relation.

### c) Staff Grievance Redressed:

During the FY-2023-24, grievance redressal position is as under:

Source of Grievance	Received	Disposal	%age
ESS (HRMS)	1280	1280	100%
VIP References (MP/MLA/PMO)	9	9	100%
CPGRAM	154	153	99.3%
GM Complain Box	18	18	100%
Grievance received through HRMS	49	44	89.8%

## 8. Welfare

### a) Staff Canteen, Toilet and Rest Rooms in factory premises including separate toilet facilities for ladies:

#### i) Staff Canteen:

There are **two** modern canteens in BLW premises i.e., Staff Canteen & Workshop Canteen. Both the canteens are running successfully as per needs of our employees. Following facilities are available in workshop canteen:

- Stainless steel dining furniture
- Provision of 70" LED TV
- Transparent kitchen area with modern cooking equipment
- Modular kitchen with fresh air cooling and fume exhaust system
- Eight nos. insect killer installed
- Stainless steel sink for cleaning of utensils with hot and cold-water facilities and Automatic Dish Washer
- Auto coffee and tea dispensers in shops
- Provision of water coolers with attached purifiers
- Separate cabin form women employees.



Workshop Canteen



#### ii) Toilets and Rest Rooms in factory premises including separate facilities for women:

- All shops are attached with toilets
- Lavatory blocks for hygienic and clean environment.
- Separate toilet facilities for ladies.
- Change rooms/ rest rooms for female staff in different shops have been provided.
- Water booths are provided.

#### iii) Staff Lockers – Provision of more than 750 lockers for workshop staff.



## **b) Recreational Amenities for Staff in Colony:**

For various social needs of the staff following are functioning in BLW premises:

- Community Hall: 01 no.
- Institutes: 02 nos.
- Baarat (बारात घर) Ghars: 03 nos.
- Kalyan Kendra: 01 no.
- Rangshaala (रंगशाला) : 01 no.
- Officer's Club: 01 no.
- Staff Club: 01no.

### **• Cinema Club:**

An air-conditioned Cinema Hall (seating capacity of 690) with multi-channel audio system and digital projection is functioning in BLW.

### **• Parks and gardens:**

Two parks and one big pond named "Surya Sarovar" are also situated in BLW premises where festival like Chatt Puja, Jivitputrika Puja, Dev Depawali etc. are organised.

## **c) Medical facilities:**

105 bedded well-equipped Railway Hospital, a Health Unit and a First-aid-post in workshop is functioning, delivering comprehensive health care to more than 50,000 beneficiaries. A Homeopathic Clinic also available. One Oxygen Generation Plant installed in Central Hospital, BLW.

- No. of Beds: 105
- No. of ICU Beds: 6
- No. of Invasive Ventilators: 7
- No. of Bi-PAP: 7
- Central Oxygen Gas Pipeline for all Indoor beds.
- Implementation of Fire Safety measures for Indoor.

### **1. In-house facilities:**

Medicine, Cardiology, Paediatrics, Obstetrics & Gynaecology, Surgery, Urology, Orthopaedics, ENT, Ophthalmology, Dentistry, Endoscopic Surgery & Physiotherapy. Diagnostics Services, Pathology – Haematology & Bio-Chemistry, X-Ray Routine & Special X-Ray, Dental X-Ray, Digital X-Ray & ECG.

### **Private diagnostic centre:**

Diagnosis Centre: (Heritage Hospital, Varanasi, Popular Medicare Varanasi, Apex Welcare Pvt. Ltd. Varanasi, Noble Star Varanasi, Kaila Devi, Infinity Varanasi.

### **2. Empanelled for treatment:**

**Local:** M/S Panacea Hospital, M/S Adarsh Hospital, M/S Ganga Sewa Sadan Hospital, M/S Sudha Surgical Hospital Pvt. Ltd., M/S Fracture Clinic And Trauma Centre, M/S Umaprem Netralaya, Eye Hospital, M/S Purvanchal Netralaya Retina Care Center, M/S Arvachin Healthcare Private Limited, M/S Kids Care Nursing Home Pvt. Ltd. , M/S Upkar Hospital, Apex Hospital, ASG Hospital Pvt. Ltd., Popular Medicare Ltd, M/s Galaxy Life care Services Pvt. Ltd., Anant Hospital (A

Unit of Aloak Life Care Services Pvt. Ltd.), M/s Heritage Hospitals Ltd., M/S Lifeline Hospital, Infinity Care Hospital.

**NCR :** Batra Hospital New Delhi, Medanta Hospital Gurgaon, Max Smart Super Specialty Hospital New Delhi, Max Super Specialty Hospital Vaishali Gaziabad (UP), Asian Institute of Medical Sciences, Faridabad.

### Other Notable features: (MEDICAL)

1. First time in Central Hospital BLW, successful hip replacement surgery notably after two failed outside hip surgeries, successful plastic surgery of crush injury, total laparoscopic hysterectomy and laparoscopic hernia repair. These OT achievements (especially major and special surgeries) benefited not only BLW but also other zonal railways.
- a) Successful hip replacement surgery at BLW Hospital after previous 2 failed hip surgeries done by private hospital.



- b) First time In house successful plastic surgery of crush injury case.



2. Installation of modern OT Equipment; new machines such as Video endoscopic laparoscopic surgery system, battery operated drill system, micro drill burr system & remote control OT table, and Advanced Dental Chair System.
3. First time in Central Hospital, BLW, 02 Mega Blood Donation Camps organized successfully.
4. First Time in Central Hospital, BLW, Liver Clinic and Fibro Scan Camp organized.
5. First Time Central Hospital, BLW, all the demand, receipt and bill passing on UDM system successfully.
6. Minor OT converted into 3rd Major OT and new upgraded casualty ward was added to the hospital.

#### **d) Educational facilities:**

BLW houses the following schools within its premises, catering to the needs of wards of railways employees and officers:

- i. BLW Inter College (from class- 06<sup>th</sup> to 12<sup>th</sup>) affiliated to CBSE is run by Railway administration. (Total no. of Students - 1028)
- ii. Women's Welfare Organization runs a primary school Bal Niketan. (Total no. of Students - 1166)
- iii. One Post Graduate Girl's College run by State Govt. (Total no. of Students - 1728)
- iv. Two Central Schools run by KVS (Total no. of Students - 2408)
- v. St. John's school (a missionary school). (Total no. of Students - 4616)
- vi. Chetna School for mentally retarded children run by WWO/BLW (Total no. of Students - 17)



#### **e) Colony upkeep including Garden Maintenance, Roads, Streetlights, Drainage etc.**

- BLW has a total of 3691 staff quarters for about 5535 employees and officers in a lush green, pollution free township with more than one lakh trees. Efforts are made to keep the colony "Clean and Green".
- Total 4525m road were repaired in 2023-24 which include workshop roads and Peripheral Road and hospital road
- Provision of ladies' toilet were done in Health Club of BLW.
- Tiling work were done in more than 9494 sqm in 222 staff quarters.
- Total 125 quarters were provided with car sheds.
- Extension of RPF Mahila barrack has been constructed at first floor.
- Total 144 Nos. CCTV Cameras have been installed & commission in FY. 2023-24. Now, the activities of the entire township are being monitored through a total of 286 Nos. CCTV cameras to prevent undesirable incidents.



## f) Other Notable Features:

- In the year 2023-24, 114 non gazetted posts have been transferred to different railways as advised by Railway Board vide their letter no. 2023/EEM/153/01(NG) dated 29.11.2023.
- Activities managed by Railway Women Welfare Organization:

Staff welfare function of BLW is also supplemented by Railway Women's Welfare Organization who run the most popular primary school of BLW township called 'Bal Niketan' a vocational training centre for differently-able children called 'Chetna' and a number of other centres aimed at adult literacy, computer literacy, painting, stitching, crèche etc.



- Two nationalised Banks with six ATMs and one Co-Operative bank are functioning within BLW campus.

Personnel Department as a welfare department look after the welfare of large number of employees and their families in BLW. It takes care of the human factor striving to get the best result from their employees by developing their capabilities. Many new ambitious projects have been introduced in Indian Railways like, e-office, HRMS, etc. which have been successfully implemented in BLW.

Personnel Department of BLW has performed several notable tasks during 2023-24. Some of the appreciable tasks performed during the aforesaid period are as under:

1. **Compassionate Ground Appointment:** During 2023-24, a total of 17 compassionate ground appointment have been finalized.
2. **Settlement:** During 2023-24, 126 staff/officers retired and 100% settlement dues are finalized on the day of retirement regularly.
3. **Cleanliness Drive:** Cleanliness campaign is being organized time to time in which different Voluntary Organization/Samiti, like Scouts & Guides, St. Johns Ambulance Brigade, Chhat (छात) Committee, SC/ST Association, OBC Association, BLW Staff Council, Sports Association, Civil Defence came forward as family member and cleaned entire BLW premises for healthy environment.
4. **Herbal Garden:** BLW is developed an Herbal Garden in the vicinity of Staff Canteen where several herbal/medicinal plants have been planted to encourage and know the importance of herbal benefits.
5. According to the instructions of the Railway Board, Welfare Section organized 27 programmes in the year 2023-24 with great enthusiasm i.e. the birth anniversary of great personalities, all the Diwas.

## 9. Sports

### a) Sports Facilities:

- Golf course with 18 hole (11 fairways, 56 Acres)
- International size standard Swimming pool
- Two synthetic Basketball court with flood lights
- Two Volleyball mud court with Flood light facility
- One Handball mud ground
- One Cricket ground with pavilion and 4 practice wickets
- One Football ground
- One Hockey grass ground
- One Gym with multi-equipment.
- Two Badminton Courts, one with synthetic mat and one with wooden flooring and flood lights.
- One wrestling hall with two wrestling mats
- Two synthetic tennis courts with flood lights
- One Squash court with flood light



### b) Achievements at Various Levels:

- **Medals/Participation in Inter National Championship during 2023-24:**
  - ❖ **Shooting:**
    - Deepika Patel represented Indian Railways Shooting Team in 16<sup>th</sup> World Railways Shooting Championship (USIC) at St. Mandrier, France from 17.10.2023 to 21.10.2023 in 25m Pistol Team event and secured Gold Medal.
- **Medals/Participation in National Championship during 2023-24:**
  - ❖ **Athletics:**
    - Rekha Singh, Hammer Thrower represented Indian Railways Athletics team in 62nd National Open Athletics Championship held at Bangalore from 11.10.2023 to 14.10.2023.
  - ❖ **Cricket:**
    - Karn Sharma represented Indian Railway Cricket team in Syed Mushtaq Ali Trophy held at Ranchi from 13.10.2023 to 27.10.2023.
    - Karn Sharma represented Indian Railway Cricket team in Vijay Hazare Trophy held at Bengaluru from 20.11.2023 to 06.12.2023.



- Karn Sharma represented Indian Railway Cricket team in Ranji Trophy held at Various places from 20.01.2024 to 30.01.2024.

❖ **Handball:**

- Jagmeet Singh represented Indian Railway Handball team in 52<sup>nd</sup> Sr. National Men Handball Championship held at Srinagar from 1<sup>st</sup> to 5<sup>th</sup> September'2023 and secured Silver Medal.

❖ **Shooting:**

- Deepika Patel represented Indian Railways Shooting Team in 66th National Shooting Championship (Pistol Event) held at Bhopal from 19<sup>th</sup> Nov to 9<sup>th</sup> Dec'2023 in Indusial 25 mtr Sports Pistol event, Indusial 10 mtr Air Pistol event and 10 mtr Air Pistol Team Championship event.

• **Medals won in All India Railway Championship during 2023-24:**

- a) **In Athletics:** Rekha Singh won Silver Medal in Hammer Throw event in 88<sup>th</sup> All India Railway Athletics Championships 2023-24 held at MCF, Raebareli from 23<sup>rd</sup> to 25<sup>th</sup> August 2023.
- b) Daya Shankar Patel won Bronze Medal in 20 Km Walk event in 88<sup>th</sup> All India Railway Athletics Championships 2023-24 held at MCF, Raebareli from 23<sup>rd</sup> to 25<sup>th</sup> August 2023.
- c) **In Wrestling:** Deepak won Bronze Medal in 57 Kg Free Style in 64<sup>th</sup> All India Railway Wrestling Championship held at Agra from 13.12.2023 to 15.12.2023.
- d) Laxman Yadav won Silver Medal in 65 Kg Free Style in 64<sup>th</sup> All India Railway Wrestling Championship held at Agra from 13.12.2023 to 15.12.2023.
- e) Munna Yadav won Bronze Medal in 74 Kg Free Style in 64<sup>th</sup> All India Railway Wrestling Championship held at Agra from 13.12.2023 to 15.12.2023.
- f) Sachin Giri won Bronze Medal in 86 Kg Free Style in 64<sup>th</sup> All India Railway Wrestling Championship held at Agra from 13.12.2023 to 15.12.2023.
- g) In Golf: BLW Golf team secured 5<sup>th</sup> Position.
- h) In Handball: BLW Handball team secured 4<sup>th</sup> Position.
- i) In Wrestling: BLW Free Style Wrestling team secured 5<sup>th</sup> Position.

## 10. Public Image & Brand Value

### a) Initiatives taken:

#### Efforts to increase Vendor Base

- **Electric Locomotive:**

- Total registration certificate issued for 87 electric loco items in 2023-24
- 16 vendors upgraded/approved as approved vendor in 2023-24.
- Final IC issued for 30 electric loco items in 2023-24

- **Diesel Locomotive:** 06 new developmental vendors have been developed for 16 Nos. Diesel Loco items. Upgradation of vendors from Developmental category to approved category for regular supply has been done for 03 vendors for 03 items.

- **Indigenization & Multi-sourcing of Diesel Loco items during year 2023-24:**

Indigenization of 03 nos. items against 03 firms and Multi-sourcing of 24 nos. items against 14 firms related to HHP loco have been done.

- **Vendor Meet with Potential vendors for Diesel Loco items:**

#### Diesel loco items - Mechanical:

- A vendor meet was organized on 30.05.2023 with a view to strengthen supply chain of Diesel Loco items with focus on items having supply issues / dependent on import. Major critical items were displayed physically to provide better understanding of prospective vendors towards the development.
- Total 32 firms participated in this vendor meet.
- Another vendor meet was organized on 21.07.2023 at BLW for Development & Indigenization of different types Contactors for HHP diesel Locos.
- Total 16 firms participated in this vendor meet.
- Locomotives for overseas clients:
- For the international markets, three new types of Diesel Locomotives have been designed as per user railways requirements i.e for Mozambique (CFM), Malaysia (KTMB) & Zimbabwe (NRZ) Railways.

### b) Recognition received:

#### i) Public Image

BLW surpassed its own highest ever loco manufacturing record of 367 locomotives in 2021-22 by manufacturing 475 Locomotives in 2023-24. This achievement is a record of highest and unique loco production in any single financial year. This production includes 470 electric Locomotives for Indian Railways and 5 diesel Locomotives for Indian domestic customers. Since its inception, BLW has so far manufactured various types of diesel (Alco and high horse power) as well as electric locomotives, with a total of 10,210 Locomotives. These include 1895 electric locomotives, 2467 high horsepower diesels, 5031 Alco locomotives, 636 locomotives for non-railway customers in India, 172 exported locomotives, 8 conversions and 1 dual mode locomotive.

GM's article, display advertisement were published in the national and local daily as well as in magazine, house journal "Samvad" and press release. Description and photographs of prominent events were posted/upload on BLW website as well as on social media Twitter, Facebook, Instagram, koo etc.

During April 2023 to March 2024 following events of BLW were prominently highlighted and covered by media thereby creating a positive image.

**Dr. Bhimrao Ambedkar Jayanti celebrated as festival in BLW:** On 15<sup>th</sup> April'2023, Bharat Ratna Baba Saheb Dr. Bhimrao Ambedkar Jayanti was celebrated with great pomp in BLW. First of all, General Manager Shri Basudev Panda lit the lamp and paid his respects to Baba Saheb by offering flowers to his picture along with the Principal head of the departments.

**Massive tree plantation in BLW on the occasion of World Environment Day:**

On the occasion of World Environment Day, a massive tree plantation campaign was organized in BLW on 5<sup>th</sup> June'2023. General Manager Shri Basudev Panda, Principal Chief Head of Departments and other officials planted saplings at CTS Park in the premises of BLW.



**Yoga camp organized at BLW on International Yoga Day:** On the occasion of 9<sup>th</sup> International Yoga Day, under the direction of General Manager Shri Basudev Panda, Yoga program was successfully organized at BLW on 21<sup>st</sup> June with enthusiasm. While watching the live telecast of the yoga practice along with the address and swearing-in of the Hon'ble Prime Minister and Railway Minister, BLW General Manager Shri Basudev Panda, Principal Chief Head of Departments, all the officers and employees performed yoga exercises at the various places in BLW.

It is noteworthy that the program organized at BLW Officers Club was broadcasted through live streaming. BLW employees and their family members who could not attend the program participated in yoga practice through online link.



**From 12<sup>th</sup> to 14<sup>th</sup> August'2023, under Azadi Ka Amrit Mahotsav, Photo exhibition and various cultural programs were organized in BLW:**

On the occasion of completion of 75 years of Indian Independence under Azadi Ka Amrit Mahotsav as part of the festival, in the Surya Sarovar premises of Banaras Locomotive Works. Photo exhibition was organized from 12 to 14 August 2023. In this, through photo exhibition, the glorious development story from its inception till now was shown through photographs.





**BLW participated in International Railway Equipment Exhibition (IREE) held from 12<sup>th</sup> to 14<sup>th</sup> October 2023 at Pragati Maidan in New Delhi:**

International Rail Equipment Exhibition was organized by the Confederation of Indian Industry from 12 to 14 October, 23 at Pragati Maidan, New Delhi. The event witnessed the participation of key stakeholders from the industry and Indian Railways with over 300 exhibitors from 11 countries mainly Germany, Japan, Russia and UK with country pavilions in an exhibition area of approximately 30,000 square meters spread in the new exhibition building at Pragati Maidan, New Delhi. Covering the sector showcased the latest technologies and services.



**BLW participated in 42<sup>nd</sup> India International Trade Fare (IITF) exhibition held from 14<sup>th</sup> to 27<sup>th</sup> November 2023 at Pragati Maidan in New Delhi:**

Railway pavilion was set up in the 42nd Indian International Trade Fair (IITF)-2023 held at Pragati Maidan, New Delhi from 14 to 27 November, 2023. A pavilion was set up with the theme 'Infrastructure for a Changing India' under the guidance of Shri Ashwini Vaishnav, Minister of Railways and Communications and Electronics & Information Technology. Smt. Jaya Verma Sinha, Chairman and CEO, Railway Board inaugurated the Railway Pavilion.



**It was a great honour for BLW family to host various dignitaries and VIPs. Some of the glimpse of their visits are as under:**

**Courtesy meeting of General Manager Shri Basudev Panda with Hon'ble Prime Minister Shri Narendra Modi:**

On 7<sup>th</sup> and 8<sup>th</sup> July' 2023, Honorable Prime Minister Shri Narendra Modi stayed at the Banaras Locomotive Works Officers' Guest House in his parliamentary constituency Varanasi. BLW General Manager Shri Basudev Panda had a courtesy call on the Hon'ble Prime Minister. The General Manager greeted and welcomed the Honorable Prime Minister at BLW in Varanasi.



**Member Traction and Rolling Stock, Railway Board Shri Naveen Gulati inspected BLW:**

On 10.05.2023, Member Traction and Rolling Stock, Railway Board Mr. Naveen Gulati inspected Banaras Locomotive Works. On this occasion, first member Traction and Rolling Stock did a thorough inspection of Loco Frame Shop, Loco Assembly Shop, Loco Test Shop, New Block Shop at BLW. During the inspection, General Manager of BLW Mr. Basudev Panda and Principal Chief Electrical Engineer Mr. S K Srivastava, Principal Chief Mechanical Engineer Mr. Praveer Kumar Saha, Principal Chief Materials Manager Mr. Rajneesh Gupta, Principal Financial Advisor Mr. Amar Kumar Sinha, All department heads and officers including Principal Chief Security Commissioner Mr. Ranveer Singh Chauhan, Chief Vigilance Officer Mr. Pramod Kumar Chaudhary, Senior Deputy General Manager Mr. Vijay and Chief Electrical Engineer Loco Mr. Arun Kumar Sharma were present. During the visit, Mr. Gulati took detailed information about the production activities of electric locomotives, manufacturing facilities, ongoing projects in BLW as well as the production process and other technical matters. During this, discussions were also held on the ongoing projects in BLW for construction of 12000 high horse power locos.



### **Visit of Sri Sanjiv Bhutani, DG/RDSO & Sri Rahul Gautam, DG IRIEEN , Nasik:**

On 15<sup>th</sup> May 2023, Shri Sanjeev Bhutani, Director General of Research Design and Standards Organisation, Lucknow and Shri Rahul Gautam, Director General of Indian Railway Electrical Engineering Institute, Nasik with Shri Sharad Kumar Jain, Additional Director General of Research Design and Standards Organisation, Lucknow visited BLW. They started their inspection from LFS at workshop and enquired the works related to the production of locomotives through various shops and then thoroughly inspected the loco test shop. During the inspection, they observed the activities related to loco production and discussed with the officials about the various projects currently underway. The Directors General from IREL, Lucknow and IREL, Nasik closely observed the various activities of the workshop and appreciated the working style and cleanliness of the shop.



### **General Manager of Chittaranjan Locomotive Works Shri Debi Prasad Dash visited BLW on 8<sup>th</sup> September:**

Shri Debi Prasad Dash, General Manager of Chittaranjan Locomotive Works, visited Banaras Locomotive Works on 08.09.2023. Where, in the meeting held at administration building, important technical aspects related to locomotive manufacturing were discussed.







### **CFM Angola Railway Delegation visited BLW:**

CFM Angola Railway Delegation visited BLW on 15<sup>th</sup> September'2023. The team also made a visit to BLW Workshop and was highly satisfied with the manufacturing process.



### **Principal Secretary to the Hon'ble Prime Minister Sri P. K. Mishra. Visited BLW:**

Principal Secretary to the Hon'ble Prime Minister Sri P. K. Mishra. Maiden visit to BLW workshop on 29<sup>th</sup> September'2023. All efforts were made to make his maiden visit and stay at BLW guest house memorable.



**Visit of Mozambique Delegation:**

A delegation of Mozambique Railways accompanied by officials of M/s RITES visited BLW on 29<sup>th</sup> September'2023 to see the locomotive manufacturing facilities available at Banaras Locomotive Works. The 04-member delegation from Mozambique comprised of Shri Carlos Smail Mambo, Aquital Heji Ibremo, Milion Feniz Kuna Changela and Inacio Flor Kumbala. The delegation had a meeting with Shri Principal Chief Electrical Engineer Shri S.K. Srivastava. During the meeting, the capabilities of BLW and the details of the locos exported were apprised to the Zimbabwean delegation.

**Director General, Human Resources Shri Mohit Sinha visited Banaras Locomotive Works:**

Director General, Human Resources Shri Mohit Sinha visited Banaras Locomotive Works today, 30<sup>th</sup> September'2023. On this occasion, visited BLW Workshop. During the workshop visit, he visited various workshops of BLW like Loco Frame Shop, Loco Assembly Shop, Loco Test Shop, where he observed the work related to the production of electric railway engines. During this, Chief Electrical Engineer, Loco Mr. Arun Kumar Sharma gave detailed information about the production activities, construction facilities, ongoing projects in BLW as well as the production process and other technical subjects.



15<sup>th</sup> November'2023: Visit of Sri V. P. Singh, Additional Member (Traction), Railway Board.



**17<sup>th</sup> & 18<sup>th</sup> December'2023:** Visit of Hon'ble Prime Minister, Government of India, Sri Narendra Modi.





BLW participated in "Atma Nirbhar Bharat Utsav" Mega Exhibition Bharat Mandapam, New Delhi from 3<sup>rd</sup> to 10<sup>th</sup> January'2024.



12<sup>th</sup> January'2024: Tour of Press Party from Tripura to Uttar Pradesh.



23<sup>rd</sup> March'2024: Visit of Sri Satish Kumar, MTR, Railway Board.



BLW participated in Taj Mahotsav-2024 held from 17<sup>th</sup> to 27<sup>th</sup> February'2024 in Agra.



23<sup>rd</sup> February'2024: Visit of Sri D. K. Singh, PED Vigilance, Railway Board.



BLW participated in "Technex Exhibition" held from 15<sup>th</sup> to 17<sup>th</sup> March'2024 at BHU in Varanasi.





Various other important events which took place during 2023-24 are as under:

4 <sup>th</sup> to 5 <sup>th</sup> May	Customer Meet  
30 <sup>th</sup> May	Vendor Meet for HHP Loco  
6 <sup>th</sup> June	Seminar on Climate Emergency   
29 <sup>th</sup> August	Major Dhyanchand National Sports Day  
16 <sup>th</sup> September to 2 <sup>nd</sup> October	Cleanliness fortnight  

<p>27<sup>th</sup> September</p>	<p>BLW honored with "Railway Minister Official Language Shield"</p> <p>Also Sr. Official Language Officer Dr. Sanjay Kumar Singh honored with first prize under Premchand Award</p> <div data-bbox="443 304 665 548">  </div> <div data-bbox="698 304 1021 548">  </div>
<p>2<sup>nd</sup> to 30<sup>th</sup> October</p>	<p>Cleanliness Drive under Special Campaign 3.0</p> <div data-bbox="443 636 808 882">  </div> <div data-bbox="824 636 1190 882">  </div>
<p>14<sup>th</sup> October</p>	<p>Vigilance Department organizes special lecture on approval process of vendors and analysis of common mistakes</p> <div data-bbox="443 1003 784 1224">  </div> <div data-bbox="816 1003 1149 1224">  </div>
<p>21<sup>st</sup> October</p>	<p>64th Police Memorial Day organized in memory of martyrs</p> <div data-bbox="443 1312 787 1497">  </div> <div data-bbox="836 1312 1169 1497">  </div>
<p>30<sup>th</sup> October to 5<sup>th</sup> November</p>	<p>Vigilance Awareness Week</p> <div data-bbox="443 1585 808 1831">  </div> <div data-bbox="849 1585 1214 1831">  </div>

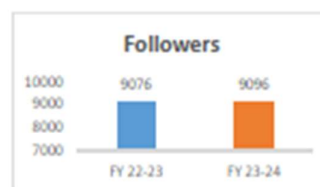
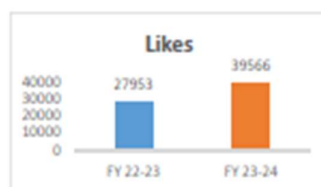
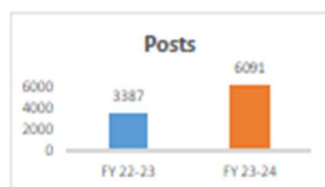


31 <sup>st</sup> October	National unity day <div>   </div>
19 <sup>th</sup> to 20 <sup>th</sup> November	Chhath puja <div>   </div>
8 <sup>th</sup> to 14 <sup>th</sup> December	Energy Conservation Week <div>   </div>
27 <sup>th</sup> December	City Official Language Implementation Committee meeting <div>   </div>
17 <sup>th</sup> January	BLW certified with ISO 50001:2018 (Energy Management Certificate) <div>  </div>

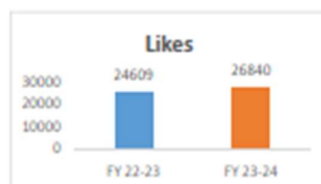
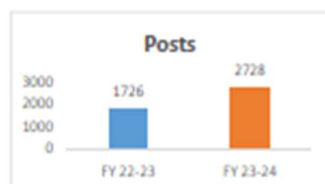
25 <sup>th</sup> January	IG cum Principal Chief Security Commissioner Shri Ranveer Singh Chauhan honoured with President's Police Medal.
22 <sup>nd</sup> March	BLW awarded with Railway Minister Official Language Shield in Railway Board  <p>अध्यक्ष एवं मुख्य कार्यकारी अधिकारी, रेलवे बोर्ड, श्रीमती जया वर्मा सिंह बोका के मुख्य राजभाषा अधिकारी एवं मुख्य सामग्री प्रबंधक, लोको श्री विशोक कोठारी को प्रथम पुरस्कार रेल मंत्री राजभाषा शील्ड प्रदान करती हुईं</p>

## Socail Media Activities FY 2023-24 vis-à-vis FY 2022-23

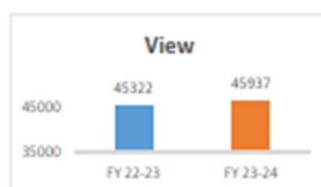
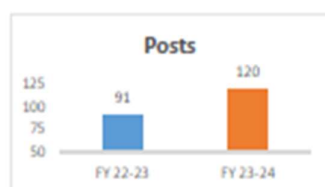
### Twitter



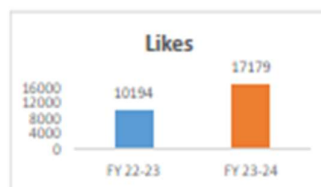
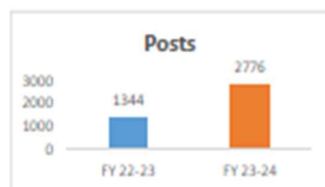
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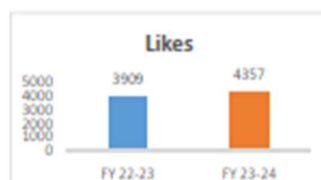
### Youtube



### Instagram



### Koo



## ii) Brand Value:

- Over the last 57 years, BLW has established unbeatable "Brand Equity" in respect of locomotive sales to Non-Railway Customers (NRCs). This is backed and supported by impressive after-sales service and spares-support to all customers. This has manifested in repeat orders from the clients. Moreover, BLW also gets tough competition from open markets viz BHEL, SAN/Bengaluru etc. for getting locomotive supply orders.
- In FY 2023-24, BLW has received order for spares worth 5.920 Cr from NRCs.
- In FY 2023-24, BLW has dispatched spares worth ₹3.41 Cr to NRCs.

The above have been achieved by continuous interaction with prospective customers through VCs (Export Customers). During VCs, probable customers were apprised about the various products and capabilities of BLW. Problem raised by customers during VC in purchase of locomotives were also resolved promptly.

- A high-level delegation led by Mr. Antonio Coelho Fernando Da Cruz, PCA (Chairman Board Director) CFM, Angola visited Banaras Locomotive Works on 15.09.2023.



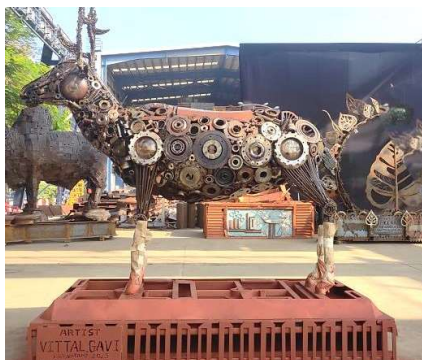
- Another high level delegation of CFM Mozambique along with the officials of M/s RITES visited the Banaras Locomotive Works on 29.09.2023.





➤ **Manufacturing of Sculptures:**

- Railway Board had given responsibility to BLW for providing assistance for Aesthetic enhancement of Banaras through designing & curating installations by involving eminent sculptors/artists of Lalit Kala Academy (LKA) and North East Zone Cultural Centre (NEZCC) under Ministry of Culture from different parts of India. Approximately 87 employees (welders, fitters etc.) of BLW were engaged in manufacturing of sculptures with artists. Photographs of some sculptures are as under.



**c) No. of Pending Audit cases > 1 year:**

Type of cases	No of cases pending over one year old
Special letter	24
AIR Pt-I	96
AN Pt-I	41

It may be please noted that there is no Draft para, Audit para and Provisional para pending on this unit which is more than one year old.

## 11. Training and Skill Development of Employees

### A. Training Facilities

Technical Training Centre (TTC) of Banaras Locomotive Works, Varanasi is functional since 1959 to impart training for new recruits, working staff and supervisor, Act Apprentices and Vocational training to Diploma/Under Graduate Engineering students. Indian Railway Welding Research Institute (IRWRI) a part of TTC, functions as 'Apex Body' of Indian Railways for improving welding quality and research.



Technical Training Centre

#### Facilities in Technical Training Centre:

- Basic Training Workshop: Fitting and Machine shop equipped with conventional and CNC machines.
- Electrical & Electronics lab equipped with cut models and wiring diagrams.
- Computer Lab for computer training viz. Computer awareness, advanced computer training, Internet & Unicode training.
- Library: TTC is having library of more than 1000 technical and management books for the knowledge upgradation of trainees and faculty members in various branches i.e. Mechanical, Electrical, Management and Computer Applications.
- Classroom facilities: There are ten classrooms (including six AC rooms) with 25 seats equipped with LCD projectors, computerised interactive boards are available for in-house training.
- Auditorium/Conference Hall: One Air-conditioned conference hall & one Auditorium is available at TTC well equipped with audio-visual facilities having 90 & 150 seating capacity respectively for seminars & workshop.

#### i. Main Activities of Technical Training Centre (TTC):

- In-house training for BLW supervisors & staff.
- Initial Training for newly recruited supervisors & technicians (RRB, CG, sports, cultural & through promotions of BLW).
- Training of Act. Apprentices (ITI/Non-ITI & Degree/Diploma engineers) under "Apprentice Act-1961".
- Training of Zonal Railways supervisors & technicians.
- Arrange outside Institutional training for BLW supervisors & staff.
- Vocational training for Diploma/Under Graduate Engineering students.
- Training for local youth under 'Rail Kaushal Vikas Yojana' (RKVY).
- TTC regularly organizes seminar/conference/meeting.



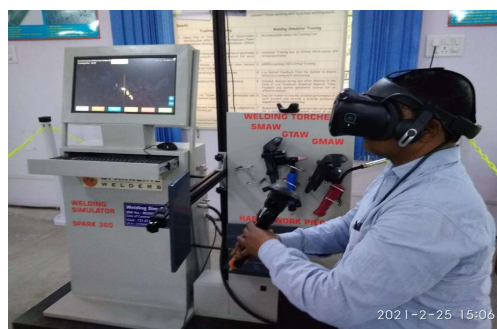
## ii. Indian Railway Welding Research Institute (IRWRI)

IRWRI is well equipped with all the required welding facilities i.e., Plasma cutting, MIG, TIG, SMAW, Stainless Steel welding etc. alongwith Weld Lab. Main activities are -

- Training of BLW, NER, ECR, ER, CR, NCR & NFR welding professionals & co-ordinate between Regional Welding Institutes and function as Apex Body of Indian Railways for Welding training.
- Conduct different modules of welding courses for welders, supervisors & CMA/ CMS.
- Conduct welder qualification test as per ISO: 9606-1 for BLW and Zonal Railways welders.
- Certification & internal audit of ISO:3834-2:2021.
- Solution for welding related quality problems of BLW.
- **Welding Simulator** - to enhance competency of welders in an eco-friendly manner i.e. without using any welding consumable and releasing harmful gases in environment.



Indian Railway Welding Research Institute



Welding Simulator

## **B. System for ensuring proper training to employees:**

Special efforts are made to impart increased training to staff and also increase skill development of local youth.

### **Training and Skill Development of Employees**

1. Training imparted for total 18776 mandays in FY 2023-24 as compared to 18140 mandays in FY 2022-23 with increase of 3.5% over last year. Total 2139 trainees were trained in FY 2023-24 as compared to 2032 trainees in FY 2022-23 with increase of 5.3% over last year.

#### **2. The comparative position is given bellow:**

		2022-23	2023-24
1	<b>Training Mandays</b>	18140	18776
<b>Training Imparted (No. of Trainees)</b>			
2	Initial training	553	468
	Refresher Courses	608	679
	Specialized Courses	871	989
	Promotional Courses	0	3
	<b>Total Trainees</b>	2032	2139

#### **3. Other Highlights:**

- TTC utilized 100% of its available capacity under different training programmes.
- 100% welders of BLW have been provided training on Welding Simulator to enhance skill in welding.
- Apart of BLW officials, 300 officials (related to welding) from different Zonal Railways trained at IRWRI.
- A special course on 'Total Quality Management' (TQM) organised in March'24 for officers and supervisors of BLW.
- Special training on "Manufacturing, maintenance and quality of electric locos" is being conducted regularly.
- Along with remarkable work in the field of welding, ISO-3834 recertification certificate was obtained in Aug'2023.
- In September-2021, Railway Board had set target for BLW to train 1000 youths upto March-2024 under RKVY. Total 1031 youths have been trained in 5 different trades up to March-2024.
- Under Mission Karmayogi Program, 100% officials of BLW have been on-boarded on i-GOT Platform & all the new joiners under Rojgar Mela have completed Karmayogi Prarambh Module.
- In addition to regular training programs, TTC organise various special courses i.e. yoga training, cyber security, health related course etc.
- Summer Internship Training imparted to total 927 nos. of Diploma/Under Graduate Engineering students.

\*\*\*\*\*