



MINISTRY OF RAILWAYS

**RAIL WHEEL PLANT**  
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**Shubhranshu**

**Chief Administrative Officer**

D.O. No. RWP/CAO/MCDO/19

Date: 09.10.2019

Dear Shri Rajesh Agarwal,

**Sub:- MCDO for the month of September, 2019**

**1.0 Highlights:**

- 1.1** Highest ever casting of record **3935** BG coaching wheels was achieved record **133 heats** in F.Y. 2019-20 with all 99% being with good chemistry in September- 2019.
- 1.2** **Rejection of Good Chemistry BGC wheels 12.5%** in September'19 which is **7% lower** than avg. rejection in 2018-19 (19.5%).
- 1.3** **2205 BG coaching wheels** have been despatched during September' 2019. In addition, 699 nos. (BOXN- 07 & BG Coaching- 692) wheels are awaiting for dispatch.
- 1.4** **Following major work done by MMR shop**
- (a) Re-commissioning of Roll Over HW-22:-
- Roll over HW-22 is installed after hub cutting station for direct loading of finished wheels in Normalizing Furnace. Function of this machine is to reverse the wheels from drag side up to drag side down so that wheels may sit on pedestals in NF. This Roll over was not functional since long and wheels were offloaded and loaded using fork lift trucks. This roll over has been made functional by Mould Room Maintenance team with some modifications in conveyor system and damping arrangement. Automation of this roll over has also been done through relay logic and its integration with PLC has also been planned with some modifications.
- With the re-commissioning of this roll over, direct loading of fresh cast wheels in Normalizing Furnace has been started.

(b) In-house Fabrication of Maintenance Platform for VTLs in Mould Repair Shop:-

Mould room Maintenance team has indigenously developed and fabricated a portable maintenance platform for attention to Z-axis ball screws of Vertical Turret Lathes in Mould Repair Shop. This will help in quick attention to machines during maintenance and also ensure safety of staff.

(c) In-house Fabrication of Bearing Puller:-

MMR team has in-house fabricated a bearing puller for removal of bearings from gear box shaft during servicing/overhauling. The bearing puller has been tested and found working satisfactory. This bearing puller will eliminate the chances of damage of bearings and shafts during overhauling and also save time.

1.5 Proper planning of transformer utilisation was undertaken to reduce energy consumption.

<b>Month</b>	<b>MRS consumption in MWH</b>	<b>BGC Wheel cast in Nos.</b>	<b>Specific consumption per wheel in MWH</b>	<b>Energy Saving in September'19 (Base avg. consumption- 1.531 MWH/Wheel in 2018-19)</b>
<b>1st QTR (April-June)</b>	11561	7816	1.4791	3.39 % saving per wheel cast.
<b>2nd QTR (July-September)</b>	<b>14,171</b>	<b>11,371</b>	<b>1.2462</b>	<b>18.6 % saving per wheel cast.</b>
July'19	4537	3515	1.2907	15.69 % saving per wheel cast.
August'19	4722	3921	1.2043	21.34 % saving per wheel cast.
September'19	4912	3935	1.2483	18.46 % saving per wheel cast.

## 2.0 Assistance required:

Gazetted Officers position of RWP/Bela (as on 04.10.2019):-

Grade	Sanction	On Roll	Vacancy
HAG	1	1	0
SAG	5	5	0
JAG	11	9	2
SS	10	8	2
JS	15	6	9
<b>Total</b>	<b>42</b>	<b>29</b>	<b>13</b>

- (i) Minimum additional post creation/sanction at RWP/Bela from Railway Board pool is urgently needed for smooth running of plant in three shifts.
- (ii) Two senior scale officers are to be posted at the earliest in electrical department at RWP/Bela, for smooth operations and maintenance of electrical M&P and Maintenance of electrical assets to avoid interruption in production of wheels. **At present there is only one officer from Electrical side at RWP/Bela against 5 sectioned post. One officer Dy. CEE is going to retired in october-19.**

### 3.0 Production performance

Description	Ist Qtr.		IInd Qtr. UPTO Sept.- 19		Cummulative		Rejection		Remarks			
	18-19	19-20	18-19	19-20	18-19	19-20	18-19	19-20				
<b>WTA Allotment</b>												
BGC	6534	<b>8564</b>	8152	<b>6865</b>	14686	<b>15429</b>	19.5%	12.4 % (Upto Sept.- 19)	<p>(i) Wheel dispatch 37.16% (upto September'19) higher than previous year 2018-19.</p> <p>(ii) Heat remained suspended from 10.04.2019 to 12.04.2019 due to Non availability of ladle bricks.</p> <p>(ii) Heat remained suspended from 11.05.2019 to 13.05.2019 due to Non availability of super 3000 &amp; Heat remained suspended on 31.05.2019, 07.06.2019 due to Non availability of Calcined Lime.</p> <p>(iii) Heat remained suspended on 13.09.2019 &amp; 14.09.2019 due to Non availability of Calcined Lime.</p>			
Total	6534	<b>8564</b>	8152	<b>6865</b>	14686	<b>15429</b>						
<b>Wheel Dispatch</b>												
BGC	6439	<b>8564</b>	4572	<b>6539</b>	11011	<b>15103</b>						
Total	6439	<b>8564</b>	4572	<b>6539</b>	11011	<b>15103</b>						
<b>Wheel Cast</b>												
<b>BG Coaching Wheel</b>	3044	<b>7816</b>	6059	<b>11371</b>	9103	<b>19187</b>						
<b>SPG &amp; Hub Cutting of BG Coaching Wheel</b>	2838	<b>5505</b>	6189	<b>11457</b>	9027	<b>16962</b>						
<b>Heat Treatment of BG Coaching Wheel</b>	2858	<b>6510</b>	4722	<b>9060</b>	7580	<b>15570</b>						
<b>Production</b>	4806	<b>4908</b>	4768	<b>8414</b>	9574	<b>13322</b>				Target 30,000 BG Coaching & 10,000 BOX'N Wheels for F.Y 2019-20. Production of BGC Wheels-3159 nos. in September'19. <b>88.8% compliance against target upto September'19 (i.e 15000).</b>		

