



# याँत्रिक विभाग

**MECHANICAL DEPARTMENT**

पश्चिम मध्य रेल, जबलपुर

**WEST CENTRAL RAILWAY, JABALPUR**

मार्च-2015 का पीसीडीओ

**PCDO FOR March- 2015**

राजेश अग्रवाल  
मुख्य यॉत्रिक इंजीनियर



महाप्रबंधक कार्यालय  
इन्दिरा मार्केट,  
जबलपुर . 482 001  
General Manager's Office  
Indira Market  
Jabalpur 482 001

**Rajesh Agrawal**  
Chief Mechanical Engineer

पश्चिम मध्य रेल  
West Central Railway

D.O. No. M.G.01-909

13<sup>th</sup> April-2015

Dear Shri Hemant Kumar,

**Sub: Performance of Mechanical Department - PCDO for the month of March-2015.**

**1. HIGHLIGHTS**

- 1.1 In March- 2015, ROH Outturn was 876 wagons, which is 6.43% % higher than the ROH Outturn of March 14 (823).
- 1.2 Out of NPOH arising of 541 BOXNs, 457 wagons (84.47%) were repaired in the sick lines during March- 2015.
- 1.3 Kota workshop achieved an outturn of 444 VUs against the target of 440 VUs, which is 0.68% higher than the target. The cumulative outturn for the year is 5322 against the target of 5280 which is 0.79% higher than the target.

**2. INNOVATIONS & SYSTEM IMPROVEMENT –**

**2.1 Name of the innovation-: Developed a fixture to assemble Head stock and Bio tank bracket by CRWS Workshop:-**

In Body shop during corrosion repair of coaches, a fixture is used to assemble Headstock, Auxiliary head stock, Centre stiffener, Floor stiffener and Yoke bracket. After full welding of these components, the whole assembly is fitted on coach. Then Bio tanks brackets are fitted by marking. Even after taking all precautions the bio tank bracket used to get distorted and there was difficulty in fitting Bio tank along the brackets.

To overcome this problem a fixture has been developed in house, in which Bio tank bracket is assembled with Headstock, Auxiliary head stock, Centre stiffener, Floor stiffener and Yoke bracket. Now the problem of misalignment of brackets with bio tanks will be eliminated.



## 2.2 Name of the innovation:- **CONVERSION OF 17 MM FIP INTO 18 MM FIP BY DSL/ NKJ:-**

Since long, 17 mm FIPs were in use in diesel locomotives for the timely delivery and measured quantity of fuel in the combustion chamber. Due to technological upgradation, 18 mm Fuel Injection Pumps were introduced and 17 mm FIPs are required to be replaced with 18 mm FIPs. As such large number of 17 mm FIP's became obsolete. Further with condemnation of 15 locos, 240 FIPs got released.

In DLS/NKJ; to make use of 17 mm FIPs, plunger and barrel assembly of 18 mm FIPs were retro-fitted in 17 mm FIPs and calibrated to the desired value. In this way 16 nos. 18 mm FIPs are made ready for use. This will facilitate conversion of 17 mm FIP into 18 mm FIP by changing only plunger and barrel of 18 mm FIP. The cost of one 18 mm FIP is Rs. 20,341/- and cost of Plunger and barrel assembly is Rs. 5334/-. Therefore with the retrofitment, total amount of Rs. 36,01,680/- will be saved.



**2.3 Name of the innovation:-PROVISION OF STAND BY INVERTER FOR AC FUEL PUMP MOTOR USIING INVERTER OF AC CYCLONIC MOTOR OF 50 Hz FREQUENCY BY DSL/ NKJ:-**

DLS/NKJ had started modification for provision of additional standby inverter for AC fuel pump motor so that in case of failure of FPM inverter, Loco Pilot can change the position of rotary switch to another position.

As per RDSO modification sheet No. MP.MOD.EM-01.01.11 (REV.00) dt. 17.02.2011, AC cyclonic motor of 60 Hz frequency output is recommended. As per this modification advice at least one DEBM is required to have 60 Hz frequency output. At present existing DEBMs are of 50 Hz type. The Shed has started using of AC cyclonic motor of 50 Hz frequency. In that case, only RPM will get reduced but fuel oil pressure remained almost same. However, with less fuel oil pressure the loco may not work for long in that case an instruction to work the loco up to destination is pasted in the cab.

Shed has carried out this modification with the help of unused MCOS (Motor cut- out switch) removed from 'E' type locomotives with modification to suit the operation of rotary switch. Till date 32 locos have been equipped with this modification.



**2.4 Name of the innovation:- SEALING OF ADDITIONAL COC BY DSL/ NKJ:-**

In view of recent accident near Rai Bariely, it is learnt through conversation with Sr. DME/ALAMBAGH and DRM/JBP, that wrong position of additional COC of B.P Pipe has caused non-application of brakes. In this reference DLS/NKJ has started sealing of additional COC for BP / FP and Bogie brake cylinder. This has been implemented from

24.03.2015 and applied in all the locomotives released since 24.03.2015. Till now in 50 locomotives additional COC has been sealed.



### **3. Performance of Workshops**

3.1 CRWS/ BPL achieved an MLR outturn of 49 Coaches and carried out IOH of 18 Coach bogie set.

Due to non-availability of bio-tanks, 42 eligible coaches were turned out with brackets only.

**3.2 During the month Kota workshop has turned out following wagons after POH as under :-**

3.2.1 During the month 22 Nos. of BCN and 144 Nos. of BOXN were turned out. Thus in the month a total of 166 Nos. of BOXN & BCN were turned out.

In this year (14-15), BOXN&BCN outturn is at the rate of 191 wagon average per month.

3.2.2 During the month 50 BLC wagons were turned out.

In this year (14-15) total outturn of BLC wagon is 880 wagons which is 15% higher than the last year (13-14) of 765 wagons.

3.2.3 During the month 24 BVZC wagons were turned out.

In this year (14-15) total outturn of BVZC wagon is 152 wagons which is 23.6% higher than the last year (13-14) of 123 wagons.

3.2.4 During the month 8 BVZI wagons were turned out. Out of these 5 BVZI wagons were received in twin pipe & 3 BVZI's wagon were retro-fitted with twin pipe system.

In this year (14-15) total outturn of BVZI wagon is 111 wagon which is 48% higher than the last year (13-14) of 75 wagon.

During the year 57 no of BVZI wagon were made twin pipe and it was ensured that all BVZI wagons turned out of the shop were all twin piped.

3.2.5 Outturn of Stainless steel wagons (BOXNR, BOXNLW, BOXNHL, & BCNHL etc.) during this year is 212 wagons which is 272% higher than last year (13-14) outturn of 57 wagons.

3.2.6 The Kota Workshop has started doing the POH of BOXHL and BCNHL wagons. In this month ,19 BOXNHL and 7 BCNHL wagons were turned out. During the year (14-15), 22 BOXNHL and 8 BCNHL wagon were turned out.

### **3 Divisional Performance**

4.1 Under "People Centric" initiative of IR, following steps have been taken for improving the cleanliness in trains as well as improving the quality of linen during the month.

#### **a. Measure taken to improve the cleanliness in trains-**

- Contract for Clean train Station at KTE for eight trains has been awarded for a period of 2 yrs to Ultra Clean & Care Services Jabalpur & work has been started w.e.f. 30.10.14
- On Board House Keeping Services in eight trains of WCR is operational. Out of these seven trains are of JBP division and one is of KTT division.
- New contract for two years of Mechanised coach cleaning of coaches during primary maintenance for JBP based trains has been awarded to M/s H.S. service provider , Sadar JBP on 22.08.14

#### **b. Measures taken to improve linen supplied to passengers -**

- For improving the washing quality of linen, contract for Mechanised washing of linen at contractor's premises is functional in JBP, BPL and KTT divisions.

- 4.2 165 additional coaches have been provided in various trains starting from JBP to reduce the long waiting list in passenger trains.
- 4.3 19 trips of 02 special trains comprising of total 264 coaches have been maintained by JBP division.
- 4.4 The contract for Manual washing linen of Mahakaushal Express has been awarded to M/s Shubh Drycleaners Jabalpur for a period of 120 days at the total cost of Rs. 3.70 lakhs.
- 4.5 One new CNC Surface Wheel lath supplied by M/s HYT for the re-profiling of CTRB wheel has been commissioned at ROH Shed Satna.
- 4.6 During the month, 34 BOXNHL rakes were formed as CC rakes. The no. of NKJ based CC rakes on 31.03.15 was 236.
- 4.7 **Certification of rakes:**

<b>During the month and Cumulative</b>	<b>Rakes offered for examination at nominated</b>	<b>Rakes certified as Premium end to end and CC rakes</b>	<b>% of rakes certified as Premium end to</b>
March. 2015	599*	534(334PEE+164CC)	89.14%
March. 2014	622	572(437PEE+135CC)	91.96%
Cum 2014-15	7258	6516(4285PEE+1697CC)	89.77%
Cum 2013-14	6674	6096(4561PEE+1535CC)	91.33%

\* 45 other base CC rakes were examined as flying rakes with ordinary BPC as per Rly board instruction.

## **5. Performance of Diesel Sheds**

- 5.1 Diesel loco outage (freight +coaching) during current month is 103.00 % of the target i.e 8.51 more locos/ day than the target. The average outage (freight and coaching) for the year 2014-15 of WCR is 102.38% of the target.

## **6.0 Progress of Model Rakes:**

First rake of Model rake is likely to be turned out by 15<sup>th</sup> June-2015.

## **7.0 Utilisation of funds**

### **7.1 Utilisation of funds under Plan Head 41:**

Against Final Grant of Rs 932.99.00 lakhs for 2014-15, funds utilized up to March' 15 are Rs 953.00 lakhs, which is 102.% of Final Grant .

### **7.2 Utilisation of funds under Plan Head 42:**

Against Final Grant of Rs. 2769.64 lakhs for 2014-15, funds utilized up to March'15 are Rs.2468.00 lakhs, approx which 89.% of Final Grant .

## **8.0 Status of Coaching items**

Status of coaching items as per Railway Board letter No. 2007/M(C)/139/9 dated 30.04.10 is enclosed as ANNEXURE-IX.

**9.0 Workshop Portal:** WCR has regularly fed data of POH out-turn, RSP work, over due POH, cycle time, unit cost, incentive performance, local passing and staff Strength in the workshop portal.

## **10.0 Disciplining of errant Vendors – NIL**

**11.0 Line haul cost –** Necessary monitoring is being done.

## **12.0 ASSISTANCE REQUIRED:**

Two WDM2G Multi Gen Set locos are homed at ET. Due to poor reliability little know-how of new technology of these locos, it was running in inferior service since October 2014. For proper maintenance of these locomotives following assistance is required:-



- Proper training of schedule and maintenance.
- Availability of spare/ unit exchange as necessary.
- Extension of warranty till locos are commissioned on line.

With kind regards,

Yours sincerely,

(Rajesh Agrawal)

**Shri Hemant Kumar,  
Member (Mechanical)**

Railway Board

New Delhi

**Copy:**

Shri Arvind Khare, AM (PU), Rly. Board, New Delhi

Shri Rakesh Vatash, AM (ME), Rly. Board, New Delhi

**Copy with relevant Annexure to:**

1. Shri Vivek Kumar, Executive Director Mech. Engg. (Tr.), Rly. Board, New Delhi
2. Shri ..... Executive Director Mech. Engg. (Fr.), Rly. Board, New Delhi
3. Shri Shailendra Singh, Executive Director Mech. Engg. (Chg.), Rly. Board, New Delhi
4. Shri Sanjay Chadha, Executive Director Mech. Engg. (W), Rly. Board, New Delhi
5. Shri G.K.Gupta, Executive Director Mech. Engg.(Project), Rly. Board, New Delhi .

निष्पादन का कार्यकारी सारांश  
Executive Summary of Performance March- 2015

Items of Performance मद निष्पादन	Current month इस माह				Cumulative संचयी		
	लक्ष्य Target	इस माह This month	पिछला माह Last month	पिछले वर्ष का इस माह This month last year	लक्ष्य Target	इस वर्ष This year	पिछला वर्ष Last year
<b>डीजल लोको निष्पादन DIESEL LOCO PERFORMANCE</b>							
Availability (BG) Freight	187.4	137.72	142.95	157.1	186.09	138.78	141.06
Availability (BG) Coaching	96	154.19	149.59	147.3	104.33	158.55	152.86
Availability (BG) Freight + Coaching	283.4	291.91	292.54	304.4	290.43	297.33	293.92
Punctuality (WCR Locos on IR)- Direct cases	0	26	19	12	0	232	264
Punctuality (WCR Locos on IR)- Indirect cases	0	40	30	24	0	296	306
Equipment failures - WCR Locos in WCR	0	8	7	4	0	91	91
Equipment failures - FR Locos in WCR	0	15	10	6	0	166	128
<b>सवारी डब्बा निष्पादन COACHING PERFORMANCE</b>							
Ineffective- AC coaches (%)	10.00	5.01	6.44	5.65	10.00	5.90	5.34
Ineffective- Non-AC coaches (%)	8.50	5.94	5.78	3.99	8.50	4.87	5.05
Coach Detachments- Territorial	0.33	02	01	00	4.00	09	04
Coach Detachments- Ownership	0.08	00	00	00	1.00	02	01
Direct Punctuality loss cases	05	13	04	00	60	76	73
Total Punctuality loss cases	16	39	15	06	192	188	156
<b>माल डब्बा निष्पादन FREIGHT PERFORMANCE</b>							
Ineffective percentage (BG)	5.10	5.24	5.11	5.4	5.1	6.18	5.89
Detachments	14.8	24	21	15	177.0	237	197
Parting	2.9	5	8	5	35	60	39
Spring Breakage	0.0	0	0	0	0	0	2
Poor Brake Power	0.0	0	0	0	0	0	0
ROH - Air Brake Stock	820	876	864	823	9840	10538	9514
ROH - Air Brake Stock (BTPN)	0	0	10	0	0	43	50
ROH - Vac. Brake	0	0	0	0	0	0	0
Repairs to Unloadable - Category A	0	422	388	322	0	4324	2999
Repairs to Unloadable - Category B	0	0	0	0	0	0	24
<b>कारखाना निष्पादन WORKSHOP PERFORMANCE</b>							
BG Coaches MLR Out Turn -only AC (VU)	5.67	4	4	5	68	56	50
BG Coaches MLR Out Turn including AC (VU)	57.17	49	48	48	686	597	592
POH Out Turn Wagon POH+ ROH (VU)	440	444	441	436	5280	5322	5221
<b>प्रशिक्षण TRAINING</b>							
No. of officers sent for training to IRIMEE	NA	0	0		NA	0	

## LIST OF ANNEXURES

<u>अनुलग्नक I</u> Annexure I	<u>दुर्घटनाग्रस्त वैगनों व कोचों का निपटारा</u> DISPOSAL OF ACCIDENT INVOLVED WAGONS & COACHES
<u>अनुलग्नक II</u> Annexure II	<u>वर्ष 2014-15 के लिए योजना शीर्ष निधि का उपयोग</u> PLAN HEAD FUND UTILISATION OF YEAR 2014-15
<u>अनुलग्नक III</u> Annexure III	<u>राजस्व माँगों के खर्च की स्थिति</u> EXPENDITURE POSITION OF REVENUE DEMANDS
<u>अनुलग्नक IV</u> Annexure IV	<u>मुख्य विभाग प्रमुख / विभाग प्रमुखों द्वारा यांत्रिक अनुभागों का निरीक्षण</u> INSPECTIONS CARRIED OUT BY PHOD/HODs OF MECHANICAL DISCIPLINE.
<u>अनुलग्नक V</u> Annexure V	<u>कारपोरेट संरक्षा योजना की स्थिति</u> STATUS OF CORPORATE SAFETY PLAN
<u>अनुलग्नक VI</u> Annexure VI	<u>इलेक्ट्रॉनिक इन मोशन भार सेतु का निष्पादन</u> PERFORMANCE OF ELECTRONIC IN MOTION WEIGHBRIDGES
<u>अनुलग्नक VII</u> Annexure VII	<u>इलेक्ट्रॉनिक इन मोशन भार सेतु का स्थापना एवं कार्यस्थिति</u> INSTALLATION & FUNCTIONING OF ELECTRONIC IN-MOTION WEIGHBRIDGES
<u>अनुलग्नक VIII</u> Annexure VIII	<u>वर्ष 2014-15 हेतु परिसंपत्तियों, अर्जन निर्माण एवं प्रतिस्थापन</u> PROGRESS OF WORKS UNDER PLAN HEAD-42
<u>अनुलग्नक IX</u> Annexure IX	<u>कोचिंग मदों की स्थिति</u> STATUS OF COACHING ITEMS.
<u>अनुलग्नक X</u> Annexure X	<u>कोच एवं वैगनों के महत्वपूर्ण आरएसपी कार्य की वर्तमान स्थिति</u> PRESENT STATUS OF IMPORTANT RSP WORKS FOR COACHES AND WAGONS

**दुर्घटनाग्रस्त वैगनों व कोचों का निपटारा**  
**DISPOSAL OF ACCIDENT INVOLVED WAGONS & COACHES**

**ट्रैक के किनारे पड़े दुर्घटनाग्रस्त वैगनों का विवरण**  
**DETAILS OF ACCIDENT INVOLVED WAGONS LYING ON TRACK SIDE**

मण्डल Div.	माह के अंत में रखे कुल वैगनों की सं. Total No. of wagons lying at the end of the month	तीन माह से अधिक समयपूर्व रखे गए वैगनों की सं. No. of wagons lying for more than 3 months	छः माह से अधिक समयपूर्व रखे गए वैगनों की सं. No. of wagons lying for more than 6 months	अभ्युक्ति Remarks
JBP	0	0	0	-
BPL	0	0	0	-
KTT	0	0	0	-
<b>TOTAL</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>-</b>

**ट्रैक के किनारे पड़े दुर्घटनाग्रस्त सवारी डिब्बों का विवरण**  
**DETAILS OF ACCIDENT INVOLVED COACHES LYING ON TRACK SIDE**

मण्डल Div.	साईट पर रखे कुल कोचों की सं. Total No. of coaches lying at site (a)		पुनः इस्तेमाल योग्य कोचों की सं. No. of coaches Salvageable (b)		निष्पादन हेतु संख्या जो एक माह एवं अधिक समय पर साईट पर पड़े salvageable but lying for less than 1 month (c)		डिस्पोज हेतु संख्या जो एक माह एवं अधिक समय पर साईट पर पड़े No. to be disposed awaiting at site but more than 1 month (d)		मरम्मत हेतु पीडीसी PDC for salvaging of (e)	निष्पादन हेतु पीडीसी PDC for disposal of (f)	माह के दौरान मरम्मत किए गए कोचों की सं. No. salvaged during the month	
	AC	Non- AC	AC	Non- AC	AC	Non- AC	AC	Non- AC			AC	Non- AC
BPL	0	0	0	0	0	0	0	0	NA		0	0
JBP	0	0	0	0	0	0	0	0	NA		0	0
KTT	0	0	0	0	0	0	0	0	NA		0	0
<b>TOTAL</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>NA</b>		<b>0</b>	<b>0</b>

अनुलग्नक –II  
**Annexure-II**

वर्ष 2014-15 के लिए योजना शीर्ष निधि का उपयोग  
**PLAN HEAD FUND UTILISATION OF YEAR 2014-15**

(Figs. in Rs.000s)

योजना शीर्ष Plan Head	अंतिम ग्रांट Final Grant 2014-15(IR)	मार्च 2015 तक व्यय (लगभग ) Expenditure up to Feb'2015 (Approx.)	एफ जी का प्रतिशत %age on FG
Plan Head – 41	93299	95393	102%
Plan Head – 42	276964	246830	89 %

Note: - Booking of PH-41&42 has been given as per FA&CAO office/WCR's statement.

**राजस्व माँगों के खर्च की स्थिति**

**EXPENDITURE POSITION OF REVENUE DEMANDS**

(Figs. Rs.in Lakh)

क्र.सं Sr. No.	क्रियाकलाप Activity	बीई 14-15 BE 14-15	बीजी 14-15 BG 2014-15	जनवरी के अंत में बीपी B.P. to the end of Jan'2015	वास्तविक खर्च Actual Exp. Jan'2015	अधिक/कमी का संक्षिप्त कारण Brief Reasons for Excess/Short fall
<b>माँग संख्या 5-C मोटिव पावर का अनुरक्षण एवं मरम्मत</b> <b>DEMAND No. 5-C REPAIR AND MAINTENANCE OF MOTIVE POWER</b>						
A	ESST. IN OFFICES C-100	1830.92	1629.23	1357.69	1401.12	Minor variation.
B	STEAM LOCOS C-200	0.00	0.00	00.0	0.00	-----
C	DIESEL LOCOS C-300	21595.62	19577.17	16314.31	15766.73	Minor variation.
<b>TOTAL DEMAD No.5-C</b>		<b>23426.54</b>	<b>21206.40</b>	<b>17672.00</b>	<b>17167.85</b>	
<b>CREDIT C-910</b>		-104.40	-97.84	-81.53	-141.79	More credit booked than provision.
<b>माँग संख्या 6-D कैरिज एवं वैगन की अनुरक्षण एवं मरम्मत</b> <b>DEMAND No. 6-D REPAIR AND MAINTENANCE OF CARRIAGE &amp; WAGONS</b>						
A	ESST. IN OFFICES D-100	3225.24	2882.33	2401.94	2660.41	Minor variation.
B	CARRIAGE D-200	14822.74	11528.10	9606.75	11336.55	BG allotment is less
C	WAGONS D-300	15879.26	13599.16	11332.63	10467.09	Minor variation
D	MISC. REP. & MAINT. D-600	-2284.57	-1242.96	-1035.80	-1751.04	BG allotment is less
E	DMU COACHES D-700	0.00	0.00	0.00	0.00	
<b>TOTAL DEMAD No.6-D</b>		<b>31642.67</b>	<b>26766.63</b>	<b>22305.53</b>	<b>22713.01</b>	
<b>CREDIT D-910</b>		-251.21	-84.00	-70.00	-142.81	More credit booked than provision.
<b>माँग संख्या 7-E संयंत्र उपकरणों की अनुरक्षण एवं मरम्मत</b> <b>DEMAND No. 7-E REPAIR &amp; MAINTENANCE OF PLANT EQUIPMENT</b>						
A	PLANT & EQUIPMENT E-300	2059.84	1857.11	1547.59	1569.30	Minor variation
B	EQUIPMENT E-810	315.67	289.77	241.48	206.22	Less expenditure booked than proportionate provision for the month.
<b>TOTAL DEMAND No. 7-E</b>		<b>2375.51</b>	<b>2146.88</b>	<b>1789.07</b>	<b>1775.52</b>	
<b>माँग संख्या 8-F परिचालन व्यय चल स्टॉक (कैरिज एंड वैगन)</b> <b>DEMAND No. 8-F OPERATING EXPENSES ROLLING STOCK(C&amp;W)</b>						
A	OPERATING EXPENSES ROLLING STOCK F500	4595.79	3958.78	3298.98	3346.46	Minor variation.
<b>TOTAL DEMAND No. 8-F</b>		<b>4595.79</b>	<b>3958.78</b>	<b>3298.98</b>	<b>3346.46</b>	

मुख्य विभाग प्रमुख/विभाग प्रमुखों द्वारा यांत्रिक अनुभागों का निरीक्षण  
**INSPECTIONS CARRIED OUT BY PHOD/HODs of Mech. Discipline.**

संदर्भ – अतिरिक्त सदस्य, यांत्रिक रेलवे बोर्ड का दिनांक 10.11.1998 पत्रांक 98/ए  
एम(एम)/निरीक्षण

{Ref: Addl. Member (Mech), Railway Board's letter no. 98/AM(M)/Inspection dated 10.11.1998}

मुख्य विभाग प्रमुख तथा विभाग प्रमुखों द्वारा किये गये निरीक्षण

क. सं.	पदनाम	माह के दौरान किये गये निरीक्षणों की संख्या		
		मण्डल	कारखाना	अन्य
1	मुख्य यांत्रिक इंजी.	3	-	-
2	मुख्य कारखाना इंजी	-	1	-
3	मुख्य चल शक्ति इंजी	-	1	-
4	मुख्य चल स्टॉक इंजी	2	0	-

मण्डल अधिकारियों द्वारा यांत्रिक अनुभागों का निरीक्षण

क. सं.	निरीक्षण का प्रकार	अपेक्षित		वास्तविक निरीक्षणों की संख्या	
		माह में	वर्ष में संचित	माह में	वर्ष में संचित
1	डीजल शेड	96	1100	88	965
2	कैरिज एंड वैगन डिपो	162	1944	93	854
3.	रेक निरीक्षण	81	972	64	833
4.	फुटप्लेट निरीक्षण	48	576	39	366
5.	फ्रेट लोड पर सुपर चेक	21	252	9	84
6.	एआरटी/एआरएमई	3	36	7	56
7.	ब्रेक डाउन केन	6	72	1	16
8.	रनिंग रूम	9	108	10	104
9.	फ्यूलिंग प्रतिष्ठान	12	144	5	28
10.	क्रू बुकिंग/लॉबी	15	180	10	115
11.	प्रशिक्षण स्कूल जेड टीसी/एसटीसी	7	84	*	*
12.	अन्य कोई	0	0	6	109

पश्चिम मध्य रेल में कोई प्रशिक्षण स्कूल जेड टीसी/एसटीसी नहीं है।

कारपोरेट संरक्षा योजना की स्थिति STATUS OF CORPORATE SAFETY PLAN

<b>कारपोरेट संरक्षा योजना 6.7 CORPORATE SAFETY PLAN 6.7</b>			
<b>कोच पृथकीकरण / बीजीटीकेएम Coach Detachment /BGTKM</b>			
वर्ष 14-15 हेतु लक्ष्य <b>TARGET FOR 14-15</b>	माह के लिए निष्पादन <b>PERFORMANCE FOR THE MONTH</b>	माह के अंत तक निष्पादन <b>PERFORMANCE UP TO THE MONTH</b>	टिप्पणी <b>REMARKS</b>
-	0.585	0.219	-

<b>कारपोरेट संरक्षा योजना 6.8 CORPORATE SAFETY PLAN 6.8</b>			
<b>वैगन पृथकीकरण / बीजीटीकेएम Wagon Detachment /BGTKM</b>			

वर्ष 14-15 हेतु लक्ष्य <b>TARGET FOR 14-15</b>	माह के लिए निष्पादन <b>PERFORMANCE FOR THE MONTH</b>	माह के अंत तक निष्पादन <b>PERFORMANCE UP TO THE MONTH</b>	टिप्पणी <b>REMARKS</b>
-	2.765	2.199	.

<b>कारपोरेट संरक्षा योजना 6.9 CORPORATE SAFETY PLAN 6.9</b>			
<b>कमजोर ब्रेक शक्ति / बीजीटीकेएम Poor Brake Power/BGTKM</b>			

वर्ष 14-15 हेतु लक्ष्य <b>TARGET FOR 14-15</b>	माह के लिए निष्पादन <b>PERFORMANCE FOR THE MONTH</b>	माह के अंत तक निष्पादन <b>PERFORMANCE UPTO THE MONTH</b>	टिप्पणी <b>REMARKS</b>
-	0	0	-

<b>कारपोरेट संरक्षा योजना 6.10 CORPORATE SAFETY PLAN 6.10</b>			
<b>गाड़ी विभाजन / बीजीटीकेएम Train Parting/BGTKM</b>			

वर्ष 14-15 हेतु लक्ष्य <b>TARGET FOR 14-15</b>	माह के लिए निष्पादन <b>PERFORMANCE FOR THE MONTH</b>	माह के अंत तक निष्पादन <b>PERFORMANCE UPTO THE MONTH</b>	टिप्पणी <b>REMARKS</b>
-	0.576	0.576	-

<b>कारपोरेट संरक्षा योजना 6.11ए CORPORATE SAFETY PLAN 6.11A</b>			
<b>घटनाएँ प्रति 10 लाख अर्जित किमी. में INCIDENCES PER MILLION EKMS (Diesel locomotive)</b>			

वर्ष 14-15 हेतु लक्ष्य <b>TARGET FOR 14-15</b>	माह के लिए निष्पादन <b>PERFORMANCE FOR THE MONTH</b>	माह के अंत तक निष्पादन <b>PERFORMANCE UP TO THE MONTH</b>	टिप्पणी <b>REMARKS</b>
-	6.95	5.60	Total number of incidences during the month was 26



इलेक्ट्रॉनिक इन मोशन भार सेतु का निष्पादन

**PERFORMANCE OF ELECTRONIC IN MOTION WEIGHBRIDGES**

Ref: - Railway Board's letter No: 2004/ DEV. CELL/ IDEI/ 2 dt 18.06.07.

क. सं. S. N.	रेलवे से प्रारंभ भरे रकों की कुल सं. Total no. of loaded rakes originated on the railway	इलेक्ट्रॉनिक इन मोशन भार सेतु पर वजन किए गए रकों की कुल सं. No. of rakes weighed on Electronic In motion weighbridge of			वजन नहीं किए गए रकों की सं. No. of rakes not weighed	वजन नहीं किए गए वैगनों का कारण Reasons for non-weighment	वास्तविक दण्डात्मक कार्यवाही Penalty realized
		पमरे WCR Railway		गैर रेलवे Non-railway			
1	2	3	4	5	6	7	8
1	JBP-695	NKJ	14		349	Weighment done as per requirement of Commercial department.	
2		Satna	16				
3		Kachhpura	3				
4		Khanna banjari	13				
5		Mehgaon	19				
6		Beohari	1				
7		Gosalpur	2				
8		JQSG*	42				
9		BSCW*	26				
10		JBRT*	14				
11		MSSG*	23				
12		PCL*	33				
13		Sakaria*	28				
14		DDCE*	0				
15	DDSG*	28					
16	NNV	8					
17	NWR	2					
18	MPJM*	66					
19	JPVN	0					
20	RCPB	8					
21	BPL-298	Itarsi	6		285		
22		BRSN*	7				
23	KTT-178	KTT	44		134		
24		SWM	0				
25		LKE	0				
26		MCTS	0				

\*Private Weighbridge.

इलेक्ट्रॉनिक इन मोशन भार सेतु का स्थापना एवं कार्यस्थिति  
**INSTALLATION & FUNCTIONING OF ELECTRONIC IN-MOTION  
WEIGHBRIDGES**

(Ref: Railway Board's letter No: 2004/ DEV. CELL/ IDEI/ 2 dt. 18.06.07)

मंडल Division	स्थल/स्टेशन Location /Station	टिप्पणी Remarks	चालू हालत में मरम्मत हेतु वे ब्रिज (वर्तमान माह में उपलब्धता) Weigh Bridge in working order (Availability in current month)
JABALPUR	NKJ	Commissioned on 02.05.08	100%
	Satna	Commissioned on 03.07.08	100%
	Kachhpura	Commissioned on 17.11.08	83.87%
	Khanna banjari	Commissioned on 11.05.08	77.42%
	Mehgaon	Commissioned on 07.01.09	82.14%
	Beohari	Commissioned on 01.11.09	77.42%
	Niwar	Commissioned on 06.09.13.	100%
	Nunvara	Commissioned on 16.02.12	87.10%
	Gosalpur	Commissioned on 04.11.08	100%
BHOPAL	Itarsi	Commissioned on 24.04.09	74.19%
KOTA	Kota	Commissioned on 24.09.08	100%
	Sawai Madhopur	Commissioned on 15.12.01	93.55%



रेलवे बोर्ड का पत्र संख्या 2007/M(C)/139/9 दिनांक 30.04.10. के अनुसार पीसीडीओ में रिपोर्ट की गई कोचिंग मदों की स्थिति

Status of Coaching items reported through PCDO as per Railway Board letter No.

1. गाड़ियों में लिनन प्रबंधन Linen Management in trains:

A. डिपो द्वारा संचालित कार्यभार Workload handled by the depots

डिपो Depot	धुली हुई लिनन सेटों की औसत दैनिक आवश्यकता Average daily requirement of washed linen sets	1.1.2010 को यांत्रिक डिपो में कुल कार्यभार का प्रतिशत % of the total workload with Mechanical dept as on 1.1.2010 (A)	माह के अंत तक यांत्रिक विभाग द्वारा अन्य विभागों से लिए गए कुल कार्यभार % of the total workload taken over by Mechanical Department from other departments up to the end of month (B)	कुल Total  (A+B)
JBP	5540	100%	NIL	100.00%
BPL	390	100%	NIL	100.00%
HBJ	1162	37%	63%	100.00%
KTT	528	100%	NIL	100.00%

B. मशीनीकृत लॉड्री की स्थापना Setting up of Mechanised laundries

चिन्हित डिपो/स्थान Identified Depots / location	क्या विभागीय या बूट मॉडल है Whether on Departmental or B.O.O.T. model	क्षमता प्रति दिन Capacity per day	निविदा व पीडीसी की वर्तमान स्थिति Current status of tender & PDC
JBP/ ( Rly Premises)	Mechanized laundry at railway premises.	3 Ton	Tender awarded PDC Aug-2015
BPL / (Contractor Premises)	Mechanized laundry at Contractor Premises	2 Ton	Proposal for BOOT model is under process.
KTT/ (Contractor Premises)	Mechanized laundry at Contractor Premises	1 Ton	Contract awarded & functioning satisfactorily.

2. पुरी पैटर्न पर व्यावसायिक एजेंसियों द्वारा कोचिंग रैकों एवं डिपो परिसर की मशीनीकृत सफाई

**Mechanised Cleaning of coaching rakes and depot premises by professional agencies on Puri pattern:**

कुल कोचिंग डिपो की संख्या Total No. of coaching depots	डिपो की संख्या जहाँ निविदाओं को अंतिम रूप दिया जा चुका है No of depots where tenders have been finalized	शेष Balance	टिप्पणी, यदि कोई Remarks, if any
07 (JBP,BPL,KTT)	04	03	Minor depots are being managed departmentally / semi mechanised cleaning.

3. ऑन बोर्ड साफ-सफाई हेतु निविदा की स्थिति Status of tenders for On-Board Housekeeping Services in trains:

चिन्हित गाड़ियों (जोड़ी) की कुल संख्या Total No. of trains (pairs) identified	गाड़ियों (जोड़ी) की संख्या जिसके लिए निविदाओं को अंतिम रूप दिया जा चुका है No. of trains (pairs) for which tenders have been finalized	शेष Balance	टिप्पणी, यदि कोई Remarks, if any
17	07 (1) 12181/82Jabalpur – Jaipur Express. (2) 11447/48 Shaktipunj Express (3) 12189/90 Mahakoshal Express (4) 1463/64/65/66 Somnath Express (5) 11449/50 JBP-JAT Express (6) 12187/88 Garibrath Express (7)12059/60 KTT-NZM Janshatabdi Express	10	NIT for 09 trains of JBP(06 old+03Newly identified trains) opened and under finalization. Proposals are under process for remaining trains.

4. कोच अपग्रेडेशन और मशीनीकृत सफाई के साथ वाणिज्यिक प्रचार-प्रसार

**Commercial publicity with coach up-gradation and mechanised cleaning:**

चिन्हित गाड़ियों / रैक Identified trains/rakes		माह के अंत तक पूर्ण की गई निविदा Tender finalized up to the end of the month				टिप्पणी Remarks
गाड़ी सं Train no.	रैक की सं. No of rakes	गाड़ी सं Train no.	रैक की सं No of rakes	ठेके की अवधि Contract duration	वर्षिक लाइसेंस फीस प्रति रैक Annual licensed fee per rake	
1. 11463/64/65/66	4					Trains at S.N. 1, 2 & 3 have been taken over by Commercial department for publicity. Fixation of reserve price for the remaining 02 trains is under process.
2. 12155/56	2					
3. 11449/50	1					
4. 12121/22	1	Nil	Nil	Nil	Nil	
5. 12191/92	2					

--	--	--	--	--	--	--

**5. स्वच्छ ट्रेन स्टेशन Clean Train Stations (CTS):**

नामित सीटीएस Nominated CTS	संविदा कार्यान्वित करने वाली एजेंसी Agency executing the contract	संविदा अवधि DOC and contract period	PDC & status of tender if CTS not commissioned/previous contract has expired
Itarsi	-	-	Tender for new contract opened on 02.05.2013, tender discharged due to unreasonable rates. Re-tender is due for opening on 22.04.2015. Presently work is being managed through cash imprest on monthly basis wherein all the sleeper & AC coaches of through passing trains between 06 to 22 hrs are being given general cleaning attention. High pressure cleaning is also being done.
Katni	M/s Ultra clean	10.10.2014 for two years.	Work in progress

**6. कीड़े-मकोड़े व चूहे नियंत्रण की स्थिति Status of pest and rodent control:**

डिपो की कुल सं. Total No. of depots	डिपो जहाँ अभी भी ठेका चल रहा है Depots where contracts are operational	डिपो जहाँ अभी ठेका नहीं चल रहा है Depots where contracts are not in place & PDC
07	07 JBP & Rewa : Contract valid up to 30.09.2017. BPL, HBJ, BINA & ET: Contract valid up to 03.10.2017. KTT : Contract is valid upto 21.09.2015.	NIL

**7. सीडीटीएस की स्थिति Status of Control Discharge Toilet System (CDTS):**

सीडीटीएस सुविधा वाले कोचों की कुल सं. Total No. of coaches with CDTS	No of coaches with one or more CDTS defective	सीडीटीएस यूनिट की कुल सं. Total no of CDTS units		वारंटी के तहत खराब इकाई की सं. No of defective units under warranty	वारंटी दावा की स्थिति Status of warranty claims	खराब इकाई को शुरू करने हेतु पीडीसी PDC for commissioning of defective units
		कार्यरत Functioning	खराब Defective			
05	NIL	17	NIL	Nil	Nil	-

8. जीएससीएन एवं जीएसीसीएन कोचों के लंबवत उपरी बर्थ को हटाने का कार्य

**Restoration of longitudinal upper berths in GSCN & GACCN coaches:  
(Which were retrofitted with longitudinal middle berths?)**

The work has been completed.

9. अनारक्षित कोचों को कुशन सीटों का प्रावधान

**Retro fitment of cushioned seats in unreserved coaches:**

The work has been completed.

10. वातानुकूलित श्री टीयर कोचों के एशेल्स में पर्दे का प्रावधान

**Provision of curtains in aisles of AC3-T coaches: N/A**

11. ट्रस बार हैंगर का मार्ग में टूटना **En-route breakage of Truss Bar hangers: -**

माह के दौरान ऐसे प्रकरणों की सं. Total No. of cases during the month	ब्रेक अप प्रकरण (स्वामित्व के आधार पर ) Break up of cases (ownership basis)		स्टील की श्रेणी Class of steel
	Railway	No. of cases	Class I ----- Nos. Class III ----- Nos.
00	SWR	00	-
	WCR	00	
	ER	00	
	NCR	00	
	CR	00	
	ECOR	00	
	SR	00	

12. कैंरेज एंड वैंगन के कारण हुई समयपालन हानि के मामले **Punctuality loss cases on C&W account:**

क सं. S. N.	कारण Cause	माह के दौरान मामलों की सं. No. of cases during the month		
		प्रत्यक्ष Direct	अप्रत्यक्ष Indirect	
			Coach account	Wagon account
1.	Roller bearing failure / Hot axle	2	1	1
2.	Hanging parts / under gear defects	1	1	1
3.	Brake system defects, wheel flats	8	12	7
4.	Passenger complaints (Watering, pest control etc.)	0	0	0
5.	Train parting / Draw & Buffing gear	0	0	3

6.	Misc. and others	2	0	0
	Total	13	26	
	Grand Total		39	

**13. पीओएच कोचों की गुणवत्ता Quality of POH coaches:**

(As per MM's DO No. 2009/M (W)/814/35 safety Pt.dt. 22.02.2011.)

Off-POH coaches are being inspected thoroughly on receipt. Amenity deficiencies are noted and these are sent to respective POH workshops in the prescribed feedback form. Representatives are sent to Ajmer to participate in calling in programme meeting in which quality related problems are sorted out.

**14. स्वच्छता अभियान Cleanliness Drive:**

The cleaning of coaches of through passing trains was carried out at "Clean Train Station, Itarsi, and Katni" as well as at important stations during their scheduled halts. Coaches were cleaned, as per details below:

Division	Station	No. of trains	No. of coaches cleaned
Bhopal	Itarsi (Clean Train Station)	0*	0*
	Bhopal	152	2663
	Habibganj	191	2959
Jabalpur	Katni (Clean Train Station)	94	1206
WCR		437	6828

\*CTS work at ET stopped w.e.f. 21.10.2012.

**15. गाड़ियों की स्वच्छता हेतु यात्रियों की राय**

**Passenger opinion for cleanliness of trains:**

WCR is having a system of taking customer feedback about the quality of cleanliness on board. During March-2015, detail of customer feedback is as under:-

मण्डल Division	गाड़ियों की सं. No of trains	उत्कृष्ट/बहुत अच्छा Excellent / very good	संतोषजनक/अच्छा Satisfactory / Good	असंतोषजनक/खराब Unsatisfactory / Bad
Bhopal	03	210	40	NIL
Jabalpur	00	00	00	NIL
Kota	00	00	00	NIL
WCR	03	210	40	NIL
<b>Percentage</b>		<b>84.00%</b>	<b>16.00%</b>	<b>0%</b>



**कोच एवं वैगनों के महत्वपूर्ण आरएसपी कार्य की वर्तमान स्थिति**  
**Present status of important RSP works for coaches and wagons**  
**( Ref. :- AM(PU) DO No. 2012/M(C)/140/2 dated 02.04.2012.)**

अनुलग्नक –X **Annexure-X**

कसं S.N	आरएसपी का विवरण Description of RSP	स्वीकृति वर्ष Year of sanction	पीबी मद सं. एवं वर्ष PB item No.& year	पमरे को आंविट्ट कुल सं. Total quantity allotted to WCR	स्वीकृत लागत Sanctioned cost(₹)	कार्य स्थल Place of execution	निष्पादन का माध्यम Mode of execution	प्रगति की स्थिति Progress status(VU)
<b>कोचिंग कार्य Coaching Works</b>								
1	Supply, installation commissioning & maintenance of the microprocessor board display system with GPS in coaches.	2009-10	608 of 11-12 709 of 10-11 1031 of 09-10	150	₹ 1.25 Lakh per coach.	JBP, BPL	Store Contract	As per Board's LN.2007/M (C)/202/2 dated:23.09.2011 procurement stopped, since new specification is under finalization by RDSO.
2	Supply, installation commissioning & maintenance of the microprocessor board display system with GPS in coaches.	2010-11	635 of 11-12 1166 of 10-11	200	₹ 1.25 Lakh per coach.	JBP, BPL	Store Contract	As per Board's LN.2007/M(C)/202/2 dated:23.09.2011 procurement stopped, since new specification is under finalization by RDSO.
<b>वैगन कार्य Wagon Works</b>								
1.	Upgradation and Rehabilitation of BOXN wagon using IRSM 44 steel.	2011-12	776/PD/11-12(884/10-11)	100	₹ 8,58,59,125	WRS/KTT	Departmentally	Work Completed.

		2012-13	806/12-13(776/PD/11-12,(884/10-11)	350	32,60,16842	WRS/KTT	Departmentally	PO issued on 04.02.13 for 350 sets of prefabricated body side/end arrangement with flap doors to N.F. forging Horhaw.DP 15.09.13. Work started. Full quality received .
2	Rebuilding of BOXN wagons for CC+8/CC+ 10	2011-12	789/PD/11-12 (1179/10-11)	300	₹ 14,05,13,657	WRS/KTT	Departmentally	Work Completed
		2012-13	819/12-13(789/PD/11-12)	200	₹ 11,20,05704	WRS/KTT	Departmentally	(1) 120 set on. 3012.8048.1.41025 dtd. 29.04.13 on M/s Modern Hi-tech Products Ltd., Kolkata. Full supply received. (2) 80 set on. 3012.8048.1.41056 dtd 30.05.13 PO cancelled. Re-tender opened on 27.05.2014. Letter written by CWM for closing the case.
3	Conversion of BOXN to BOXNHAM	2011-12	779/PD/11-12(886/10-11)	400	₹ 4,20,24,972	WRS/KTT	Departmentally	Work Completed.
		2012-13	808/12-13(778/PD/11-12, 886/10-11)	200	₹ 2,10,40,208	WRS/KTT	Departmentally	Revised estimate sanctioned on 05.12.12. (1) 400 sets of springs has been received. (2) Full quantity of spring loaded side bearer assemblies received against case no. 30.13.8004 in April 2014..
		2013-14	848/13-14(808/12 13,778/PD/11-12,886/10-11)	400	39002583	WRS/KTT	Departmentally	Estimate sanctioned on 17.04.13. (1) Due to problem of top plate breakage of the side

								<p>bearer ,further making of BOXNHAM was stop from July'14. Indent has been submitted for 1200 Nos. of new design spring loaded side bearer assembly for 5 RAKES/300 wagons and store case no. 38.14.8043.P.O.no. 38.14.8043.1.41473 for 96 Nos. on dt. 27.03.15 toM/s Oriental Foundry Pvt. Ltd. Kuchh with D.P. 30.06.15 .</p> <p>(2) 800 Sets of springs against case no. 30.13.8015 opened on 11.03.14. Re-tender on 21.10.2014 and new store case no. is 38.14.8039. retendered and opened on 06.04.2015.</p>
4.	Retrofitment of bogie mounted brake system in air brake wagon @ 2.25 lakhs	2010-11	779/PD/11-12(887/PD/ 10-11)	200	₹ 5,10,27,360	WRS/KTT	Departmentally	Work completed.
		2012-13	809/12-13 (779/PD/11-12, 887/PD/10-11)	200	5,16,95,573	WRS/KTT	Departmentally	Work completed
		2013-14	849/13-14(809/12-13, 779/PD/11-12, 887/PD/10-11)	600		WRS/KTT	Departmentally	<p>Estimate sanctioned on 24.05.13.</p> <p>(1) 30 sets for BMBS on 30.13.8016.1.41311 dt 23.12.13 on M/s SIL Kolkata DP 30.09.14 .DP under extension.</p> <p>(2) 371 sets for BMBS on 30.13.8016.1.41360 dt 24.01.14 on M/s Knorr Bremse, DP 30.07.14 (Full quantity received).</p> <p>(3) 199 sets of BMBS on 30.13.8016.1.41401 dt 13.02.14 on M/s Medha Railways. Full quantity received on 12.06.14.</p>

5.	Retrofitment of twin pipe brake system(In BONHL,BCNHL and BVZI)wagons	2011-12	782/PD/11-12	220		WRS/KTT	Departmentally	RSP allotment of 1220 wagons in year 2011-12,work has been transfer to SR DME/JBP, but 220 nos twin pipe has been partially allotted to Kota workshop vide this office letter no. WCR.M.G.01.252 vol-II dated 01.11.12. for twin pipe in BVZI wagons.
		2013-14	852/PD/13-14(812/PD/12-13)	320		WRS/KTT	Departmentally	Estimate prepared for 320 BCNHL wagons against Railway Board L No. 2013/M(N)/60/1 dtd. 10.09.13 has been sanctioned on 18.03.14. Vetted indents for Air bk. hose coupling, Set of Pipes are sent to HQ on 8.05.14. PO no.38.14.8021.1.41173 dtd 13.08.14 for 160 no's DP 15.11.14. Case no's 38.14.8007 .141307 dated 24.11.14 for 200 sets are released to M/S COMET technocom DP 28.02.2015. Full quantity received.
6.	Modification of BCNHL wagons to make them safer and user friendly .	2013-14	1215/NA/13-14	200	25,911,185	WRS/KTT	Departme ntally	Estimate has been sanctioned on 28.04.2014. Store case no.30.13.8024 dated 04.12.2013 and store case no.30.14.8005 dated 21.05.2014 both are clubbed and PO no. 30.14.8005.1.41313 dated 27.11.14 are released to M/s N.F. Forging pvt Horwah for 770 sets and DP is 15.7.15.

