

ANNEXURE-A

SN	Achievements of Mechanical department – CKP during 2013-14					
1	Improvement on major performance indices during '13-14:					
	Item	Unit	Performance during '12-13	Target for '13-14	Performance during '13-14	% improvement over '12-13
	Wagon ineffective	Avg. Ineffective/Avg. holding x 100	1.45	1.45	1.28	11.8
	ROH	No. of wagons per month	428	445	450.5	5.3
	IOH	No. of coaches per month	29.4	NA	31.9	8.2
	Train parting	No. of cases per month	1.98	1.67	1.24	37.4
	Hot axle	No. of cases in the year	17	12	08	53
	No. of rakes examined in the yard	Avg. PME + Premium + Intensive examinations per month	686	NA	760	10.8
	punctuality loss cases on C&W	No. of direct + Indirect cases in the year	19 + 28	NA	06 + 27	29.8
	Passenger complaints	No. of cases in the year	17	NA	15	11.8
	Scrap disposal	Scrap disposal in MT during the year	756.63	NA	1324.57	75
	Sick repair	Avg. Sick wagon repairs per month	2507	NA	2549	1.7
	Rolling stock condemnation	No. of wagons + coaches condemned during the year	71	NA	75	5.6
	Outstanding recovery	Hire charges(ART+Loco) & wagon damage bills raised in Lakhs / realized in lakhs during the year	393.79 / 355.66	NA	565.33 / 443.76	43.5 / 24.7
2.	TXR staff and supervisors are deployed in TATA Steel & SAIL/RSP for load certification. As per RB's guidelines cost of Railway staff is to be re-imbursed by private firms. However, payment of C&W staff for load certification was not being made by these two firms since 2005. With continuous follow up and guidelines					

	issued by HQ they have now agreed to make arrear as well as regular payment. An arrear bill of 3.67 crore on M/s. SAIL/RSP already raised and same will be raised shortly on M/s. TATA Steel. Regular monthly bills are also being ensured.	
3.		During 2013-14 on an average 56, 1.9 & 2 Long Haul Trains "Tiger Rakes" were formed per month at BNDM, JSG & TATA to increase through put of highly congested TATA-ROU-JSG-BSP section.
4.		All 26 BOBSN CC rakes are now running with BPC with validity of 7500 KMs/45 days as compared to earlier 6000 KMs/30 days. For TATA-NOMD/JODA iron ore circuit, 05 BOBSN CC rakes are running on trial basis with BPC validity of 13500 KMs/45 days. This is a quantum jump in BPC validity to achieve full benefits of push-pull EOL operation in this circuit.
5.		01 No. PSC girder has been launched successfully on bridge No. 186 (UP) between JSG-IB (Jurisdiction of SECR) by 140T B.D.Crane of BNDM on 18.04.2013.
6.		FOB gallery launching at JSG station completed successfully in less time as compared to block on 15.09.13 by 140 Tonne crane, BNDM.

7.		Vide Railway Board's letter No. 2010/M(L)/466/7(1203) dt.20.02.13, 30 WDG4 locomotives are allotted to DLS/BNDM. Out of this, 22 locomotives are already homed at BNDM. Division has trained 89 running staff on WDG4 operation and these locomotives are being used successfully in KRBU-BKSC, BXF-ROU iron ore circuits, CKP division and ECoR etc.
8.		03 Nos. Plasma cutting machines supplied by M/s Technology Promoters Pvt. Ltd./New Delhi to SSE(C&W)/BNDM have been commissioned on 04.04.2013. These machines will facilitate maintenance of stainless steel body wagons.
9.		Laying of pneumatic pipeline for air brake testing of freight rakes completed departmentally by C&W staff and supervisors of CKP at Exchange Yard/BNDM, ADTP yard, Main sick line/TATA & CF Yard/TATA. Completion of pneumatic pipeline on end of yards have facilitated proper testing of freight rakes without requirement of locomotive, thus detention time of rakes has reduced considerably.
10		02 Nos. LHS (Consisting of 05 Nos. RCC blocks) have been launched successfully between GDBR-JHMR and LTMD-TUL of Ranchi division on 04.05.13 and 25.05.13 respectively by 140T B.D.Crane of CKP.

11		New IOH shed TATA commissioned on 15.06.13. This facility as per Camtech standards will facilitate quality IOH for coaches of TATA & ROU coaching depots.
12		One MINER'S Lamp Charging rack developed in house by C&W BNDM by procuring spares worth Rs 11,000. The cost of New MINER'S lamp charging rack is about Rs 70,000 thus saving of Rs 60000 achieved through this innovation.
13		Washing pit line of 14 coach length commissioned on Line No. - 2 at Coaching Depot ROU on 01.07.13. This has helped in easing out primary maintenance workload at ROU.
14		Five MIG-MAG welding machines have been commissioned at C&W/BNDM on 29.08.2013. These machine are essentially required for welding of stainless steel wagons i.e. BOXNHL, BCNHL etc. This machine can use CO2 gas which makes its operation cheaper.

15		Torpedo ladle of M/S SAIL RSP with more than 350 T molten metal inside, derailed by all 04 bogies of one end on 20-09-13 inside ROU Steel Plant. On SAIL request ART BNDM was deployed to complete this herculean task which was way beyond normal capacity of HRE equipment, however with innovative distribution of load among jacks and relentless hard work of ART BNDM team, Torpedo ladle was rerailed on 22-09-13 thus asset and molten metal worth approximately Rs 05 crore could be saved.
16		One D.G. Set, 125 KVA of 'Kirloskar Green' Make has been commissioned at Medium Sick Line Bondamunda of CKP Division on 31.10.2013. This will make good frequent power failure problem at this depot and will help in improving out turn.
17		On 21.11.2013 Diesel Welding Machine 400 Amps Make: ESAB, Model: EDW 400 MK2 has been commissioned successfully at C&W/ADTP, this will help in increasing output of depot.
18		
Mechanized laundry of one tonne capacity at CKP was inaugurated by GM/SER on 11.02.14. With commissioning of CKP laundry, this division became self sufficient in		

	linen washing requirement of AC coaches. Besides this weekly 6000 bed sheets & 3000 face towels of SRC based trains are also washed through mechanised laundry/CKP w.e.f. 24.02.14.	
19		Stainless steel gas burner arrangement fitted in pantry car No. SE 998806 by Coaching depot, TATA. This modified pantry car with complete stainless steel fittings is operating in prestigious TATA-HWH Steel Express 12814/13 from 02.12.2013.
20		ROB consisting of 03 Nos. RCC girder has been successfully launched at BZN station between KGP-HWH section of KGP division on 22.12.13 by 140T B.D.Crane of CKP & KGP. With excellent synchronized working by CKP & KGP 140 tonne cranes, this block was completed 03:45 hrs ahead of schedule time.
21		One Test Rig each at C&W/BNDM & TATA have been made in house for testing of leakage rate in air brake system of freight rakes.
22		

CKP division is the only division of S.E.Railway having 05 BCN wagon composition EIMWB test rake as per RDSO norms. This test rake has been renovated departmentally by painting it in a unique color scheme using good quality paints. Earning through hire charges of this test rake in last 05 years are as under :

Year	Hire charges in Lakhs of Rs.
2009-10	37.02
2010-11	53.04
2011-12	63.18
2012-13	108.01
2013-14	114.2

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Separate main reservoirs have been installed departmentally in the Elec. Compressor (Make: Holman Climax) at C&W/BNDM in March -14. This has reduced fluctuation in MR pressure and MR pressure is being maintained at 7.5 kg/sq.cm.

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An existing room at CKP station furnished as Linen Room in March -14 . This Linen Room will facilitate smooth supply of Linen to ROU and SRC depots and will also help in supplying piece meal linen items required in trains having short supply enroute .