SAlo-2

GOVERNMENT OF INDIA
MINISTRY OF RAILWAYS
(RAILWAY BOARD)

No.2010/M(W)/814/1 New Delhi, dated 08.02.10

The Chief Mechanical Engineers
All Indian Railways.

Sub: POH Programme for 2010-11.

POH Programme for the year 2010-11 for various workshops is enclosed as Annexures. Detailed information against targets given is also enclosed in annexure. Progress against each item of target (on monthly as well as on cumulative basis) may kindly be advised through workshop portal and MCDOs.

Please acknowledge receipt.

V Kumar 8/2/10
(Vinod Kumar)
Jt.Dir.Mech.Engg.(P)I
Railway Board.

DA: Annexures – 9 pages.

O/C
Please issue
9/2/2010

रेल मंत्रालय
Ministry of Railways
रेल बोर्ड
Railway Board
हस्ताक्षर 9/2
Signature
धारण की तिथि
Date of Issue

Item-wise remarks on POH targets:

a. <u>BG Coach POH</u>:

The total POH arisings (AC and non-AC) of the Railways have been taken care of while distribution of targets to various workshops. However, it may be noted that some of the coaches have to be taken for refurbishing (including POH). Refurbishing is required as a large no. of coaches are in operation in a dilapidated condition where both interiors as well as exteriors need more attention. It is essentially a step to meet the gap between arising and capacity of MLR which we are not able to undertake due to shortfall in capacity. The scope of this refurbishment would cover:

1. 'A' Schedule of painting (already being undertaken on selective coaches during POH).
2. Complete replacement of
   a) PVC flooring sheet
   b) LP sheet panels of interiors
   c) Seat covering (rexine)
   d) Seat cushions on need basis.
3. Fitment of mobile chargers, emergency lights
4. Retrofitment of stainless steel pipes for air brake system
5. Complete refurbishment of toilets including
   a. stripping of complete lavatory
   b. corrosion repair to lavatory frames
   c. fitment of new stainless steel inlay
   d. replacement of entire wall panel and plumbing fitting including water tanks to the latest upgraded specifications
   e. fitment of new doors
   f. electrical works
6. Extensive corrosion repairs on need basis.

The targets of refurbishment by workshops has been indicated along side in the table.

The cost of refurbishment has to be booked against the RSPs (to the extent of previous allotments/fresh allotments) for items 2 to 5 as being advised to Railways separately by Mechanical/Electrical Dte.

Note: *If any of the above items have been undertaken/refurbished on the coaches in the recent past, then those items should be excluded from the scope of present refurbishment proposed to be undertaken during 2010-11.*

b. BG Wagon POH:

i. Targets for Kota workshop include ROH of BTPN wagons also. However, the first priority should be for wagon POH only.

ii. All wagon workshops must ensure that POH capacity is not diverted for ROH.

iii. Railways have been/are being advised of RSP allotment against the work for complete renewal of end wall, side wall/rebuilding of BOXNR wagons. Any further allotments required to meet the targets may be advised to Railway Board. The targets included in this letter are specifically meant for work in the workshops. For outsourcing of NPOH activities, RSP allotments would be advised separately, if not already advised.

iv. There has been huge arising of 'C' category unloadables of wagons in the last few months, non-liquidation of which leads to large accumulation. To tackle this situation, the workshops should attend 'C' category unloadables on priority basis as per the following targets (as a percentage of POH + rebuilding targets):

Jamalpur – 15%	Rayanapadu – 15%
Lilluah – 20%	Kharagpur – 15%
Jagadhri – 20%	Kota – 20%
Jhansi – 20%	

Ajmer and Dahod are already engaged in rehabilitation of wagons. In case unloadables are not available, workshops may continue with their regular POH activity.

c. BG Diesel Electric Loco POH:

i. Against capacity of Parel workshop at 80 locomotives, only 68 locomotives are planned. Balance capacity is to be utilized by undertaking loco manufacture for DLW and PSU locomotives.

ii. In case of Golden Rock, against capacity of 120 locos, only 82 locos are planned. Balance capacity is to be utilized for PSU locos, export locos etc.

iii. In case of Kharagpur and Jamalpur, the extra capacity available is to be used for PSU locos.

d. BG Electric Loco POH:

i. The break-up against targets for electric loco POH would be issued separately through Elect.(TRS) Dte. of Railway Board.

ii. In all cases, BG electric loco POH targets are inclusive of POH + recabling under RSP. Compliance of POH targets is to be given through MCDOs separately for POH and POH+recabling.

e. DEMU POH:

i. Workshops concerned must ensure that contracts for D-checks and other schedules of power packs and contracts for other works are in place for the whole year so that no DEMU/SPV gets detained for D-check etc. or is sent back from POH without D-check.

ii. The targets include all stock pertaining to DEMUs, SPART, SPARME and all other self propelled vehicles.

iii. In cases where capacities indicated are not matching with POH arisings, the surplus capacities in all cases are to be utilized for POH of tower cars.

iv. The arisings of tower wagon POH for Eastern Rly. and E.C.Rly. are to be tackled at Jamalpur workshop.

f. 5 NG Dsl. locos of NCR and 4 NG Dsl. Locos of WR are planned at Parel (CR) workshop for POH. 2 locos of ER are planned for POH at Motibagh (SECR).

g. The targets for engine block reclamation for use of Railways at Golden Rock workshop would be as follows:

- Engine blocks (BG) – 130 nos.
- Engine blocks (MG) – 5 nos.

The distribution of these blocks will be communicated in due course. It should be ensured that the distribution advised is adhered to strictly and not modified in any case without prior approval from Board.

The manufacturing targets will be advised separately.

POH TARGETS - 2010-11

Railway	Workshop	BG (Non- AC coaches)			BG (AC coaches)			BG (Total coaches)		
		POH Target p.m.	Refurbishing p.m.	POH +Refurbishing p.m.	POH Target p.m.	Refurbishing p.m.	POH +Refurbishing p.m.	POH Target p.m.	Refurbishing p.m.	POH +Refurbishing p.m.
		VUs	VUs	VUs	VUs	VUs	VUs	VUs	VUs	VUs
Central	Parel									
	Matunga	151.0	6.0	157.0	29.0	1.0	30.0	180.0	7.0	187.0
	Bhusawal									
	Kurdwadi									
Eastern	Jamalpur									
	Lilluah	172.0	5.0	177.0	35.0	2.0	37.0	207.0	7.0	214.0
	Kanchrapara	45.0		45.0				45.0	0.0	45.0
East Central	Harnaut	5.0		5.0				5.0	0.0	5.0
East Coast	Mancheswar	94.0	4.0	98.0	12.0	2.0	14.0	106.0	6.0	112.0
Northern	Charbagh									
	Alambagh	102.0		102.0	27.0		27.0	129.0	0.0	129.0
	Amritsar									
	Jagadhri	90.0	5.0	95.0	27.0	1.0	28.0	117.0	6.0	123.0
	Kalka									
North Central	Jhansi									
North Eastern	Gorakhpur	142.0	8.0	150.0	15.0	1.0	16.0	157.0	9.0	166.0
	Izatnagar									
Northeast Frontier	Dibrugarh	43.0		43.0	4.0		4.0	47.0	0.0	47.0
	Lumding									
	NewBongaigaon	36.0		36.0	7.0		7.0	43.0	0.0	43.0
	Rangapara									
	Tindharia									
NWR	Ajmer	90.0	5.0	95.0	15.0	2.0	17.0	105.0	7.0	112.0
	Bikaner									
	Jodhpur	64.0		64.0	13.0		13.0	77.0	0.0	77.0
Southern	Perambur(Carr.)	143.0	10.0	153.0	28.0	2.0	30.0	171.0	12.0	183.0
	Perambur(Loco)	45.0		45.0			0.0	45.0	0.0	45.0
	Golden Rock	61.0		61.0	15.0		15.0	76.0	0.0	76.0
South Central	Lallaguda	93.0	7.0	100.0	18.0		18.0	111.0	7.0	118.0
	Guntapalli						0.0	0.0	0.0	0.0
	Tirupati	70.0		70.0	7.0		7.0	77.0	0.0	77.0
South Eastern	Kharagpur	112.0	4.0	116.0	25.0		25.0	137.0	4.0	141.0
Southeast Central	Nagpur									
	Raipur									
South Western	Mysore	60.0		60.0	10.0		10.0	70.0	0.0	70.0
	Hubli	67.0	10.0	77.0	9.0	1.0	10.0	76.0	11.0	87.0
Western	Dahod									
	Lower Parel	92.0	8.0	100.0	26.0	2.0	28.0	118.0	10.0	128.0
	Mahalaxmi									
	Pratapnagar									
	BVP/Junagarh									
	SBI									
West	Kota									
IR	**G.Total**	**1777.0**	**72.0**	**1849.0**	**322.0**	**14.0**	**336.0**	**2099.0**	**86.0**	**2185.0**

POH TARGETS - 2010-11

Railway	Workshop	MG (Total coaches)	BG Wagon p.m.			MG Wagon	BG DE locos	
		POH Target p.m.	POH Target p.m.	Rebuilding under RSP-in Workshop (BOXN/BOXNR)	Total	POH Target p.m.	POH Target yly	SR/IOH Target yly
		VUs	VUs	VUs	VUs	FWUs	(Nos.)	(Nos.)
Central	Parel						63.0	5.0
	Matunga							
	Bhusawal							
	Kurdwadi							
Eastern	Jamalpur		320.0	50.0	370.0		47.0	10.0
	Lilluah		110.0		110.0			
	Kanchrapara							
East Central	Harnaut							
East Coast	Mancheswar							
Northern	Charbagh						54.0	54.0
	Alambagh							
	Amritsar							
	Jagadhri		475.0	20.0	495.0			
	Kalka							
North Central	Jhansi		530.0	75.0	605.0			
North Eastern	Gorakhpur							
	Izatnagar	53.6				9.0		
Northeast Frontier	Dibrugarh							
	Lumding	17.0				19.0		
	NewBongaigaon		100.0		100.0			
	Rangapara	5.0				9.0		
	Tindharia							
NWR	Ajmer		5.0	45.0	50.0		20.0	16.0
	Bikaner	23.6		20.0	20.0			
	Jodhpur							
Southern	Perambur(Carr.)		210.0	40.0	250.0			
	Perambur(Loco)							
	Golden Rock	3.0					80.0	2.0
South Central	Lallaguda							
	Guntapalli		305.0	75.0	380.0			
	Tirupati							
South Eastern	Kharagpur		400.0	20.0	420.0		53.0	30.0
Southeast Central	Nagpur							
	Raipur		310.0	40.0	350.0			
South Western	Mysore							
	Hubli			50.0	50.0			
Western	Dahod			60.0	60.0			
	Lower Parel							
	Mahalaxmi							
	Pratapnagar		60.0		60.0			
	BVP/Junagarh	20.3						
	SBI							
West	Kota		350.0	50.0	400.0			
IR	**G.Total**	**122.5**	**3175.0**	**545.0**	**3720.0**	**37.0**	**317.0**	**117.0**

POH TARGETS - 2010-11

Railway	Workshop	MG Dsl locos	BG DH locos	BG Elec locos	EMU/ MEMU	DEMU/ SPARME	NG loco	NG coach
		POH Target yly	POH Target yly	POH Target yly	POH target p.m.	POH Target yly	POH Target yly	POH Target yly
		Nos.	Nos.	Nos.	VUs	VUs	Nos.	VUs
Central	Parel		12.0				13.0	
	Matunga				67.0			
	Bhusawal			117.0				
	Kurdwadi							60.0
Eastern	Jamalpur							
	Lilluah							
	Kanchrapara			73.0	83.0	13.0		22.0
East Central	Harnaut							
East Coast	Mancheswar							
Northern	Charbagh			17.0		178.0		
	Alambagh							
	Amritsar		5.0			9.0		
	Jagadhri							
	Kalka							108.0
North Central	Jhansi							
North Eastern	Gorakhpur							
	Izatnagar	24.0						
Northeast Frontier	Dibrugarh							
	Lumding							
	NewBongaigaon							
	Rangapara							
	Tindharia						3.0	24.0
NWR	Ajmer	16.0				27.0		
	Bikaner							
	Jodhpur							
Southern	Perambur(Carr.)		4.0					
	Perambur(Loco)			59.0		95.0		
	Golden Rock							
South Central	Lallaguda				3.0	36.0		
	Guntapalli							
	Tirupati				6.0	44.0		
South Eastern	Kharagpur			57.0	18.0	18.0		
Southeast Central	Nagpur						13.0	156.0
	Raipur							
South Western	Mysore							
	Hubli							
Western	Dahod			54.0	9.0			
	Lower Parel							
	Mahalaxmi				54.0			
	Pratapnagar							66.0
	BVP/Junagarh							
	SBI	29.0						
West	Kota							
IR	**G.Total**	**69.0**	**21.0**	**377.0**	**240.0**	**420.0**	**29.0**	**436.0**

MONTHLY TARGET OF NON-AC COACHES IN 2010-11

Rly.	W/shop	Prop Target	CR	ER	ECR	ECoR	NR	NCR	NER	NFR	NWR	SR	SCR	SER	SECR	SWR	WR	WCR
Central	MTN	157	157															157
ER	LLH	177		105	72													
	KPA	45		45														
ECR	HRNT	5			5													
ECoR	MCS	98			22	76												
NR	AMV	102					102											
	JUDW	95					95											
NER	GKP	150			39			46	65									
NFR	DBRT	43								43								
	NBQ	36								36								
NWR	AII	95	13								33						5	44
	JU	64									30						34	
SR	PWP(C)	153										153						
	PWP(L)	45										45						
	GOC	61										61						
SCR	LLGD	100											74		26			
	TPTY	70											70					
SER	KGP	116												100	16			
SWR	MYSS	60														60		
	UBL	77	5													47		25
WR	PL	100															100	
IR	**G.Total**	**1849**	**175**	**150**	**138**	**76**	**197**	**46**	**65**	**79**	**63**	**259**	**144**	**100**	**42**	**107**	**139**	**226**

MONTHLY TARGET OF AC COACHES IN 2010-11

Rly.	W/shop	Prop Target	CR	ER	ECR	ECoR	NR	NCR	NER	NFR	NWR	SR	SCR	SER	SECR	SWR	WR	WCR
Central	MTN	30	30															
ER	LLH	37		20	11			6										
ECoR	MCS	14				14												
NR	AMV	27					27											
	JUDW	28					28											
NER	GKP	16			8				8									
NFR	DBRT	4								4								
	NBQ	7								7								
NWR	AII	17					10				6							1
	JU	13									8							5
SR	PWP(C)	30										30						
	GOC	15										13						2
SCR	LLGD	18											18					
	TPTY	7											7					
SER	KGP	25												19	6			
SWR	MYSS	10														10		
	UBL	10														10		
WR	PL	29															29	
IR	**G.Total**	**337**	**30**	**20**	**19**	**14**	**65**	**6**	**8**	**11**	**14**	**43**	**25**	**19**	**6**	**20**	**29**	**8**

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MG COACH								
		WR	NWR	NER	NFR		SR	
	W/S	BVP/JUNA	BKN	IZN *	RPAN	LMG	GOC	
Railway	Target>	244	284	648	60	204	36	Total
ECR				204				204
NER				444				444
NFR					60	204		264
NWR			200					200
SR							36	36
WR		244	84					328
Total	0	244	284	648	60	204	36	1476

***** **Subject to proper feed by ECR.**

POH PROGRAMME 2010-11							
MG DE LOCOMOTIVES							
			IZN	All	SBI		TOTAL
Railway	Arising	Capacity	18	12	29		59
ECR	38		22	16			38
NER	2		2				2
WR	29				29		29
IR	69	0	24	16	29		69

POH PROGRAMME 2010-11

BG DE Locos

Rly.	Arising		Parel			Jamalpur			Charbagh			Golden Rock			Kharagpur			Ajmer			Total		
	POH	IOH	POH	SR/IOH	Total	POH	SR/IOH	Total	POH	SR/IOH	Total	POH	SR/IOH	Total	POH	SR/IOH	Total	POH	SR/IOH	Total	POH	SR/IOH	Total
CR	**24**	**1**	24	1	**25**			**0**			**0**			**0**			**0**				**24**	**1**	**25**
ER	**38**	**2**			**0**	38	2	**40**			**0**			**0**			**0**				**38**	**2**	**40**
ECR	**9**	**8**			**0**	9	8	**17**			**0**			**0**			**0**				**9**	**8**	**17**
ECOR	**14**	**12**			**0**			**0**			**0**			**0**	14	12	**26**				**14**	**12**	**26**
N.R.	**32**	**48**			**0**			**0**	32	48	**80**			**0**			**0**				**32**	**48**	**80**
NER	**22**	**0**			**0**			**0**	11	0	**11**			**0**	11	0	**11**				**22**	**0**	**22**
NFR	**14**	**15**			**0**			**0**			**0**			**0**	14	15	**29**				**14**	**15**	**29**
NCR	**11**	**6**			**0**			**0**	11	6	**17**			**0**			**0**				**11**	**6**	**17**
NWR	**20**	**16**			**0**			**0**			**0**			**0**			**0**	20	16	**36**	**20**	**16**	**36**
SR	**32**	**2**			**0**			**0**			**0**	32	2	**34**			**0**				**32**	**2**	**34**
SCR	**44**	**0**			**0**			**0**			**0**	44	0	**44**			**0**				**44**	**0**	**44**
SER	**13**	**0**			**0**			**0**			**0**			**0**	13	0	**13**				**13**	**0**	**13**
SWR	**4**	**0**			**0**			**0**			**0**	4	0	**4**			**0**				**4**	**0**	**4**
SECR	**1**	**3**			**0**			**0**			**0**			**0**	1	3	**4**				**1**	**3**	**4**
WR	**9**	**0**	9	0	**9**			**0**			**0**			**0**			**0**				**9**	**0**	**9**
WCR	**30**	**4**	30	4	**34**			**0**			**0**			**0**			**0**				**30**	**4**	**34**
Total	**317**	**117**	63	5	**68**	47	10	**57**	54	54	**108**	80	2	**82**	53	30	**83**	20	16	**36**	**317**	**117**	**434**
Capacity			**60**	**20**	**80**	**72**		**72**	**108**		**108**	**120**		**120**	**96**	**0**	**96**	**36**	**0**	**36**	**492**	**20**	**512**

POH PROGRAMME 2010-11

BG DIESEL HYDRAULIC LOCOMOTIVES

Rly.			Arising POH	IOH	ASR 6	PL 15	PER/ 4	JMP	Total
WR			6			6			**6**
SR			4				4		**4**
NCR			5			5			**5**
CR			1			1			**1**
IR			**16**	**0**	**0**	**12**	**4**	**0**	**16**

POH PLAN 2010-11

DEMU + SPART/ARME

	KPA	CB	ASR	AII	PWP/L	LLGD	TPTY	KGP	MIBW	
RLY.	**20**	**170**	**10**	**27**	**95**	36	50	**24**	**15**	**447**
ECR	3									**3**
ECoR					3					**3**
NR		168								**168**
NCR	6	10								**16**
NER	4			6						**10**
NWR				3						**3**
SR					73					**73**
SCR						36	33			**69**
SER								18		**18**
SECR							11			**11**
SWR					19					**19**
WR			9	18						**27**
IR	**13**	**178**	**9**	**27**	**95**	**36**	**44**	**18**	**0**	**420**

Note:
1. **The requirement includes DEMU (DPC,DTC & TC) and SPART/SPARME.**
2. **The balance capacity at KGP is to be used for tower car POH.**
3. **The capacity at MIBW is for tower car POH only and to cover WCR,SECR and NCR's needs.**

POH PROGRAMME 2010-11

EMU & MEMU

RLY.	CR	ER	SCR		SER	WR		IR
	MTN	KPA	LGD	TPTY	KGP	MX	DHD	Total
	648	**936**	**36**	**72**	**252**	**660**	**96**	**2700**
CR	799							**799**
ER		875						**875**
ECR		116						**116**
SCR			36	71				**107**
SER					216			**216**
WR						642	104	**746**
Total	**799**	**991**	**36**	**71**	**216**	**642**	**104**	**2859**