

MEMU CAR SHED / RAJAHMUNDRY

I. Brief History

- a) MEMU Services started in SCR on 01.09.1996 in BZA – GNT – TEL - OGL section by MOSR Sri Satpal Maharaj.
- b) MCS/RJY was developed by utilizing abandoned DSL Shed / RJY, initially with Rs 17.5 L under GM OOT / 1998-99.
- c) MCS/RJY started functioning from 18.11.1999 with an initial holding of 06 MCs & 18 TCs and was developed further in phased manner.
- d) MEMU services are being operated in 04 divisions (BZA, SC, HYD & GNT) of South Central Railway and 01 division (VSKP) of East Coast Rly , Chennai division of Southern Railway with 443 earned kilometers per day per rake online.



SUNKEN PITS-1&2



COACH LIFTING BAY WITH 30/5Ton & 5Ton cranes



CNC UNDER FLOOR WHEEL LATHE



COACH BODY WASHING PLANT



TURN TABLE: For changing of coach orientation

II. Details of Infrastructure facilities available at MCS/RJY

Shed Area	94,745 sq. m. (approx.) (755 m X 182m/92m)
Capacity	15 rakes of 16 car and 15 Rakes of 12 Car
Inspection Bay (fully covered) Existing Under Construction	1 Sunken pit of 16 car length (360MX9.5M) 1 Sunken pit of 12 car length (270MX9.5M)
Stabling Lines	3 lines 16 car length - 3Nos.(including Coach Body washing Line)
Repair Shed	Lifting bay (76m x 15m) equipped with 30/5 T cranes: 2Nos & 5T : 1No. One Wheel park shed (20 m x 5 m)
Turn Table	For face turning of MEMU Coaches

Coach body washing plant	One coach body washing plant is available in washing line.
Service Building	Sections: Mechanical, PPIO, Stores & Machine Shop
New service building	Sections: Electrical & Pneumatic with overhauling and Test benches.
Staff Rooms	Ladies & Gents
2nd service building at Lifting bay	Sections: CMT Lab, Rotary, General Section
Stores Depot	AMM depot, (2 Material Godowns)
Administrative building	ADEE Chamber, Conference hall, ADEE office, Technical section & Drawing section

III. Activities of MEMU Car Shed, Rajahmundry

- Schedule inspections i.e. Trip Schedules, IA Schedules, IC Schedules of MEMU rakes.
- Cleaning / Washing of Coaches.
- Under gear examination of Coaches.
- Un-schedule repairs and lifting attention of MEMU coaches.
- After POH attention of all coaches.

IV. Types of Schedules & Periodicity

S.NO	Type of schedule	Periodicity
(i)	Under-gear examination/Brake system attention / BPC renewal at Pit line.	7 days
(ii)	Trip Inspection	15 days
(iii)	IA Schedule	60 (+ 0 / -5) days
(iv)	IC Schedule	240 (+ 0 / -10) days
(v)	POH	18 Months for conventional, 24 Months for 3Phase Coaches
(VI)	Axles UT schedule	210(±30) days

VI. Holding of MCS/RJY

		MC	TC	Total
Holding	without Bio Toilets	56	30	86
	with Bio toilets	06	150	156
	Total	62	180	242
No. of rakes formed	1. 8 car (with Conventional MEMUs) - 25 rakes 2. 8 car (with 3phase MEMUs) - 03 rakes Total 28 rakes			
No. of rakes in service	1. 8 car (with Conventional MEMUs) - 23 rakes 2. 8 car (with 3phase MEMUs) - 03 rakes Total 26 rakes			

No. of Services	8 Car : 101
Avg. utilization per day	443 Km /day (08 car)

VII.TYPES of FORMATIONS :

08 Car Formations

MC	TC	TC	TC	TC	TC	TC	MC
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VIII.MEMU Coaches Carrying Capacity

Coach	Seating	Standing	Total
MC	65	150	215
TC	80	200	280
Total capacity of 08- car rake			2110

MC - Motor coach with Driver cab & General compartment

TC - Trailer coach & General compartment

IX. Services

Link 1	Link 2	Link 3	Link 4	Link 5
D1 RJY-BZA	D1 RJY-COA-VSKP-COA	D1 NDD-BVRM-NDD-NS-GNT	D1 RJY-BZA-MTM-BZA-MTM-GDV-MTM	D1 RJY-VSKP-VZM
D2 BZA-GDR-RU-TPTY-KPD	D2 COA-BZA-GNT-RAL-TEL-BZA-GDR	D2 GNT-RAL-GNT-BZA-NS-BVRM	D2 MTM-BZA-OGL-BZA-MTM	D2 VZM-VSKP-PSA-VSKP-RJY
D3 KPD-TPTY-KPD-TPTY	D3 GDR-BZA-MCLA	D3 BVRM-MTM-GDV-MTM-GDV-MTM-BZA-NS	D3 MTM-BZA-BVRM-NDD-BVRM	
D4 TPTY-KPD-JTJ-KPD-TPTY	D4 MCLA-BZA-TEL-RAL-TEL-RAL-GNT-TEL-RAL	D4 NS-NDD-NS-BZA-BTTR	D4 BVRM-NS-NDD-NS- BZA	
D5 TPTY-RU-GDR- BZA	D5 RAL-MRKR-TEL-GNT-BZA-COA-RJY	D5 BTTR-MAS-AJJ-MAS-BTTR	D5 BZA-MTM-BZA-BVRM-NDD-BVRM-BZA	
D6 BZA-TEL-BZA-BDCR-BZA-RJY		D6 BTTR-BZA-NS-NDD-RJY	D6 BZA-RJY	