

I. BRIEF HISTORY

PHOTO OF SHED



FRONT VIEW



INSIDE THE SHED

LOCO COLOUR SCHEME



1. **YEAR OF ESTABLISHMENT** : Sep 1966
2. **ROAD NO. / TYPE OF THE FIRST LOCO HOMED IN SHED** : Road No.3,4,5,6 / WDM2
3. **DETAILS OF ANY HERITAGE LOCOS IN SHED ON PEDESTAL OR OTHERWISE –**
Statue unveiled by R.Narashiman, GM/S.Rly to commemorate the Silver Jubilee Celebration on 18/05/1991



4. ISO CERTIFICATION YEAR

9001 MARCH 2004
 14001 30-09-2004
 18001 ---

5. TYPE WISE HOLDING :

WDM2	WDM3A	WDM3D	WDG3A	TOTAL
39	3	45	44	131

EFFECTIVE HOLDING

WDM2	WDM3A	WDM3D	WDG3A	TOTAL
35	3	45	44	127

INFERIOR SERVICE : 3

HIRING : 1

6. MAXIMUM HOLDING (YEAR / NO. OF LOCOS) OCT 2001 / 155

7. PRESENT LOCO LINK 67

8. HOMING CAPACITY 100

9. AUGUMENTATION PLANS

Proposal for augmentation of Diesel Loco shed, from 100 to 150 locos (EMD locos) in out of turn of PWP 2010-11 has been submitted to H.Qrs. on 11/06/10

10. OTHER HISTORY (NOT MORE THAN 4 LINES)

Diesel Loco shed, Erode had a modest beginning with a holding of 21 WDM2 locomotives in the year 1966. This shed was the first to receive the "Efficiency Shield" instituted by Railway Board in the year 1973. The shed again secured this shield during the years 1974 and 1977. Diesel loco shed, Erode has been assessed as the best Diesel Loco shed in Southern Railway for the year 2005-2006 and 2009-2010.

II. VITAL STATISTICS

- | | |
|---|---|
| 1. SANCTIONED STRENGTH | 902 |
| 2. ON-ROLL STRENGTH | 733 (Direct Maintenance -696
+Ministerial Staff+Lab -37) |
| 3. NO OF OFFICERS | 5 |
| 4. NO. OF SUPERVISORS | 74 |
| 5. TOTAL AREA | 59457.9 Sq.metre |
| 6. COVERED AREA | 7454 Sq.metre |
| 7. %AGE OF STAFF HOUSED IN RAILWAY QUARTERS | 35.1% (ON-ROLL) |
| 8. POWER CONSUMPTION / YEAR | 205584 KWH |
| 9. WATER CONSUMPTION / DAY | 100 KL |

10. EDUCATIONAL PROFILE OF STAFF

UPTO 8 TH	8 TH	10 TH PASS	10-12 TH	ITI	Graduate	Diploma
58	107	213	46	155	63	54

11. AGE PROFILE OF STAFF

< 30 YRS	30-40	41-50	51-55	56 – 60
76	171	99	183	167

12. MPR AS CIRCULATED BY E & R Dte 5.31 Men on roll/ Loco

III. PERFORMANCE PARAMETERS

1. SFC

Freight	Pass
2.28	3.81

- LUBE OIL CONSUMPTION PER 100 EKMS : 2.23
- SHED CONSUMPTION OF FUEL/MONTH : 64800 Lts
- KMS EARNED BY SHED LOCOS / MONTH : 17, 65,791.

IV. ANY IMPORTANT INNOVATIONS

Sl. No	Name of the Innovation	Short Description
1	Cam gear extractor	When snap ring of the cam gear works out, the cam shaft adjacent to cam gear to be cut to remove the cam gear. This gadget is extremely useful to remove the cam gear.
2	Cam bush extractor cum inserter	Helps to remove the cam bush as well as providing without much hassle.
3	Traction motor speed sensor test kit	Working speed sensor has been checked against the good one.
4	Pressurized cleaning stand for internal cleaning of radiators and lube oil coolers	To remove the external and internal scales of the radiator simultaneously.
5	Radiator hydraulic test stand	Used to check the overhauled radiators are tested hydraulically for leaks.

Sl. No	Name of the Innovation	Short Description
6	Cylinder head crack detecting test stand	Used to detect the crack cylinder heads under pressure in temperature.
7	CD on safety	Conceived and video graphed by shed the ways and means to be adopted on safety.
8	Working cut section model of FIP drive	Designed to understand the working nature of FIP to finalise camshaft problems.
9	Online centrifuge opening pressure test kit	New one of this kind to ensure proper working of online centrifuge whenever loco having low lube oil shutting down
10	Tool for tightening SUC cam shaft bolts	Because of the design of the SUC did not permit access of torque wrench. A Special type of Allen key has been provided with an extension in combination with torque wrench for torquing of the bolt.
11	Split ring spanner for cam gear nut of WDM3D & WDG3A locos	In the new generation ALCO locos, to remove the cam gear from extended camshafts, the split ring spanner has been developed.