

I. BRIEF HISTORY

Photo of shed



Loco of shed in colour scheme



1. Year of Establishment: - 15th June 2001.
2. Road No./Type of the first loco homed in the shed: - WDM2
3. Details of any heritage Locos in shed on pedestal or otherwise: Steam loco no.2001 is kept in-front of DRM office.
4. ISO Certification Year : Integrated ISO certificate(9001,14001 & 18001) awarded in year 2009.
5. Type-wise holding: -WDM2 = 29, WDM3A = 19, WDM3D = 13 & WDG3A = 9
6. Maximum holding (Year/Number of Locos): - 2010/70
7. Present Loco link: - 44
8. Homing Capacity: - 50
9. Augmentation Plans: - From 50 locos to 100 locos was sanctioned in year 2006-07. Work is under progress.
10. **Other History (Not more than 4 lines):** - Railway Bd. Sanctioned construction of Diesel loco shed Samastipur in the year 1996-97. Construction of shed started in the year 1999. Initial holding of shed was 20 locomotives, transferred from diesel loco shed Gonda.

II. VITAL STATISTICS

1. Sanctioned MP Strength: - 511
2. On Roll Strength: - 390
3. No. of Officers including SMM: - 06
4. No. of Supervisors: - 35
5. Total Area: - 88500 sq. mt.
6. Covered Area: - 3750 sq. mt.
7. % age of Staff housed in Railway Quarters : - 34.61 %
8. Power Consumption : - About 75000 kwhr/ month
9. Water Consumption:- 10000 gallon/ day (approx)
10. Educational Profile of Staff

Up to 8 th	>8 th	10 th Pass	10-12 th	ITI	Graduate
58.11%	17.69%	11.20%	2.94%	6.48%	3.53%

11. Age Profile of Staff

<30 yrs	30-40	41-50	51-55	56-60
10.61%	15.04%	21.23%	33.92%	19.7%

12. MPR as circulated by E & R Dte: - 9.64 whereas actual MPR is 5.66

III. Performance Parameters

- 1 SFC(lit/1000 GTKM)
- 2 LOC (lit/100 EKM)
- 3 Shed consumption of fuel (HSD): - approx. 15000 litres/ month.
- 4 Kms. Earned by Shed Locos/month: - 699526

Freight	Passenger
2.40	4.81
2.53	

IV. Any Important Innovations

- 1- In-house development of Expresser test stand.
- 2- In-house development of Air flow measuring calibration test bench.
- 3- In-house development of test bench for RTTMB.
- 4- In-house development of cylinder head valve spring test device.
- 5- Cylinder head internal water passage cleaning bench.
- 6- Lube oil pump & centrifugal lube oil cleaner test bench.
- 7- Integral test bench for testing of (i) engine temperature switch (ETS), (ii) Low water switch (LWS) (iii) Generator field over load relay (GFOLR), (iv) Circuit breaker (CB), (v) Control drum.
- 8- Storage of drained cooling water.



