

1.0 INTRODUCTION –

Andal Diesel Shed is the largest shed in Eastern Railway with a holding of 138 locomotives.

2.0 ORGANIZATION –

The shed is headed by Sr.DME(D) and assisted by 2AMEs, 1 AMM and 1 ACMT. There are 51 supervisors and 490 staff.

3.0 HOLDING –

Class of loco	Loco holding
WDG4	46
WDP4	02
WDG3A	70
WDM3A	06
WDS6	14
TOTAL	138
DEMU (1400HP)	02

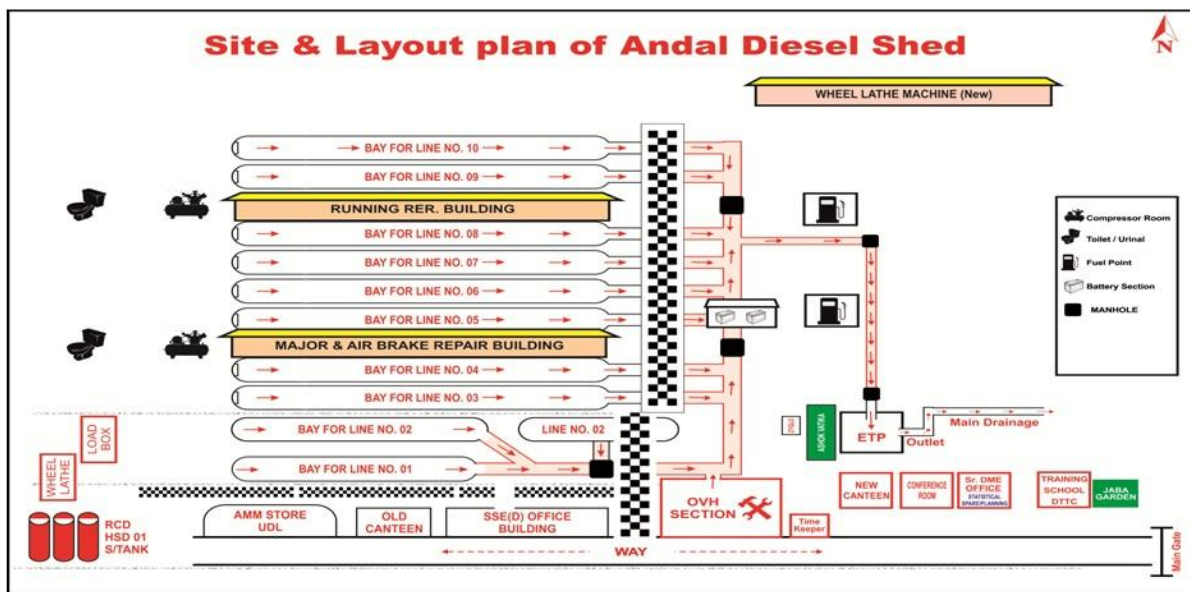
Target:

- Passenger Link: 04
- In Goods (WDM3A/WDG3A/WDG4): 93.94
- WDS6 :11.34

4.0 Lay Out-

The shed has berthing capacity of 25 Locomotives for maintenance of 154 locomotives – divided into **Major, Medium** and **Minor** Sections each having overhead cranes and other facilities.

A small machine shop caters to all the miscellaneous works. A new wheel lathe (*under floor pit type*) of M/s. HYT / Pune make and one new water Load Box plant have been commissioned and successfully working since January 2014.



There are total 10 nos. of bay and length of each bay is approximately 190 ft.

5.0 Particulars of rcd (Railway Consumer Depot)-

There are 04 HSD oil storage tank and its capacity and etc. are given below:-

Storage Tank No.	Capacity (in KL)	Dt. of Comm.
No.1	242	20.01.1889.
No.2	242	20.05.1989.
No.3	292	28.10.2004.
No.4	291.6	28.10.2004.

6.0 Details of Machinery & Plant of Andal DSL shed:-

Sl.No	Description of M & P Items	Qty	Name of Supplier/ Maker's
1	40 Ton EOT Crane, Double Girder	01 No.	M/s SMACO Engineering.
2	Bombay Lathe.	01 No.	M/s Kirloskar Ltd.
3	3 Ton overhead crane single girder	02 Nos.	M/s Sharps Industrial Corporation Bombay
4	HMT Vikram Lathe	01 No.	NA
5	10/3 Ton EOT Crane	01 No.	M/s ELTECH Pvt. Ltd.
6	Jib Crane 500 Kg Cap.	01 No.	M/s Suprime
7	Jib Crane column bracket type. Cap. 20 M.T.	01 No.	M/s Suprime
8	3 Ton EOT Crane	01 No.	M/s Electro Technic Pvt. Ltd. Delhi-29
9	3 Ton EOT Crane	01 No.	M/s Plicare crane manufacturing co. Ltd. Cal-1
10	3 Ton EOT Crane	01 No.	M/s Plicare crane manufacturing co. Ltd. Cal-1
11	Air Compressor cap 160 ltrs.	01 No.	M/s Tetex Industrial Corp. Kolkata
12	P.G. Governor Test Bench	01 No.	M/s Wood Ward Gov. company Rackford Illinois, U.S.A
13	Rotor Positive Displacement Air Compressor	01 No.	M/s ElgiEquipments Ltd coimbatore
14	Khosla Model KG2 – 105 Reciprocating Air Compressor	01 No.	M/s K.K. Khosta compressors Ltd, Faridabad.
15	Khosla Model KG2 – 105 Reciprocating Air Compressor	01 No.	M/s K.K. Khosta compressors Ltd, Faridabad.
16	VOLTAS Diesel Fork Lift Truck. Cap.-4 Ton	01 No.	Voltas Ltd. Maharashtra.
17	Electric Power Screw Compressor.	01 No.	ELIGI Equipment Ltd.,Combatore.
18	Basic Instrument ETC Shock Pulse Analyzer Plus.	01 No.	SPM Instrument India Pvt. Ltd.,Hyderabad.
19	Powered Platform Truck Battery operated. Cap. 2000 Kg.	01 No.	Jost's Engineering Co. Ltd. Thane, Maharastra.
20	Powered Platform Truck Battery operated. Cap. 3000 Kg Powered	01 No.	Jost's Engineering Co. Ltd. Thane, Maharastra.
21	CNC under floor wheel lathe (BG)	01 Nos.	HYT Engineering Co. Pvt. Ltd. Pune
22	Fork Lift Trucks. Cap. 02 Ton	01 No.	Godrej & Boyce Mfg. Co. Ltd. Mumbai.
23	Fork Lift Trucks. Cap. 05 Ton	01 No.	Godrej & Boyce Mfg. Co. Ltd. Mumbai.

<u>Sl.No</u>	Description of M & P Items	Qty	Name of Supplier/ Maker's
24	Hydraulic PullarAssly.	01 No.	M/s Perfect Hydro-Tech Engineers, Bihar.
25	EFFLUENT TREATMENT PLANT	01 No.	M/s Andrew Yule & Company Ltd. Kol-700001
26	EOT Crane Cap. 03 Ton. Sl.No. 201241	01 No.	Cranex Ltd. Ghaziabad(U.P.)
27	Computerized Water Load Box.	01 No.	M/s A.G. Measurements Pvt. Ltd. Roorkee.
28	EOT Crane Cap. 05 Ton.	01 No.	N. K. Engineering Gujrat
29	EOT Crane Cap. 05 Ton. Double grider	01 No.	REVA Industries Haryana
30	Oil skimmer for removal oil and grease for ETP plant	02 Nos.	MS BLOSSOM Enterprises
31	RO based battery grade water plant Cap-50 Ltrs.	01 No.	ARA Engineering, Make- INDION Lab
32	Woodward Governor Test stand	01 No.	SLVMR Fuel Injection Equipments
33	MUI calibration test stand	01 No.	SLVMR Fuel Injection Equipments