



Islamabad Carriage Factory (ICF), Pakistan Railways

Manufacturing Unit of Passenger Coaches
ISO 9001 – 2015 Certified

Mission Statement

Timely delivery of the Railway Carriages for safe, economical and efficient train operation in the competitive transport market.

Profile

Islamabad Carriage Factory (ICF)

Factory Commissioned

- 1970, in collaboration with Alstom (previously known as Link Hofman Bush)

Manufacturing Capacity

- 120 coaches per annum



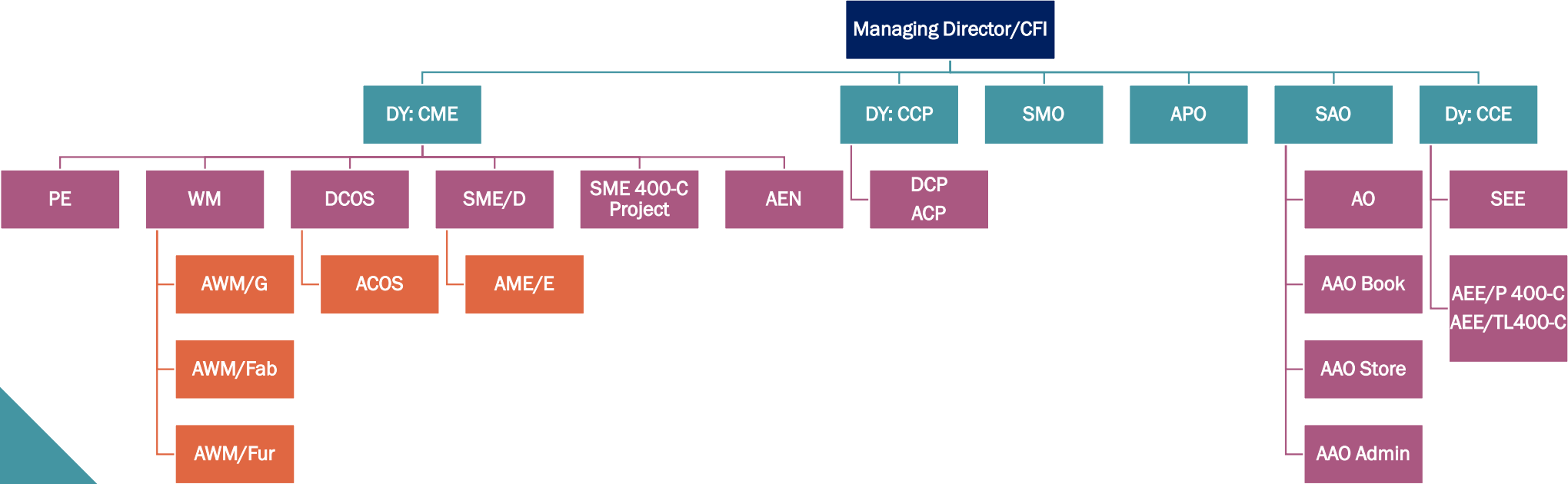
Profile

Islamabad Carriage Factory (ICF)

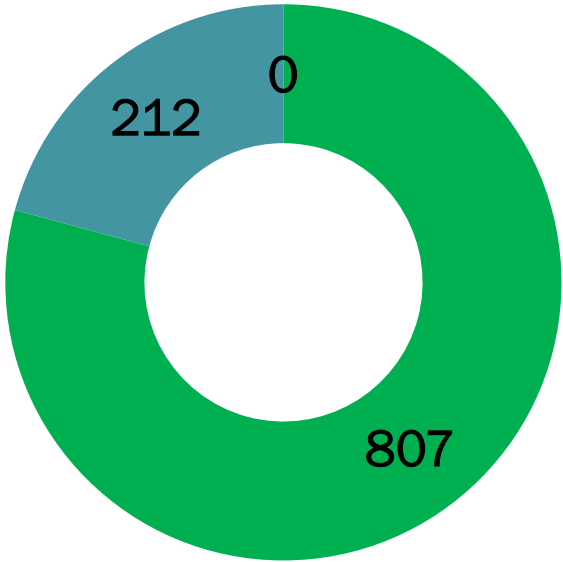
Factory Area

Covered Area	140.375 acres
Uncovered Area	133.625 acres
Colony Area	83.00 acres
Factory Area	57.375 acres

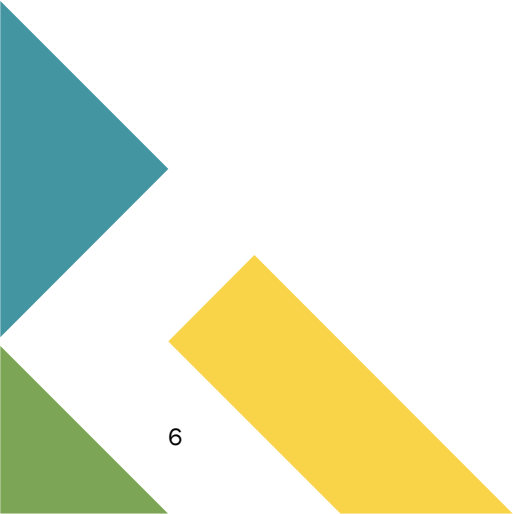
Organogram



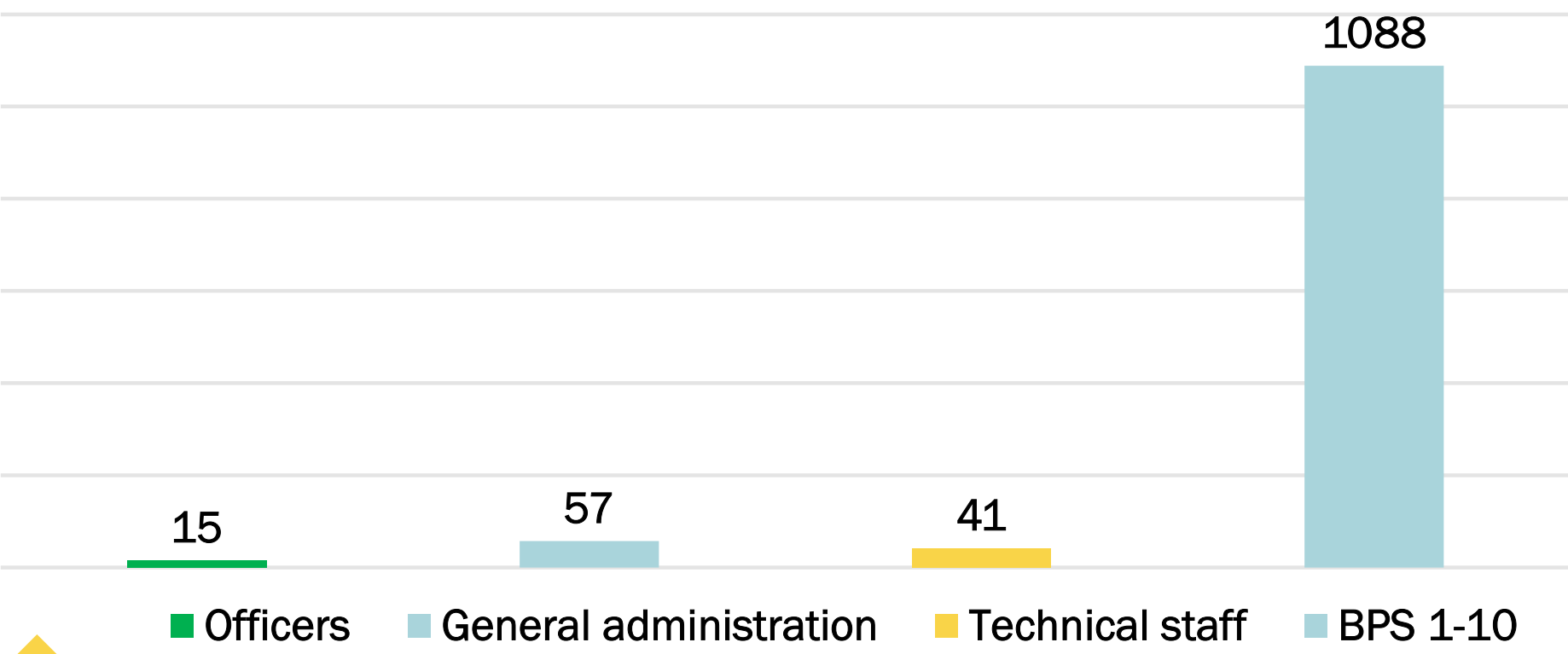
Staff Details



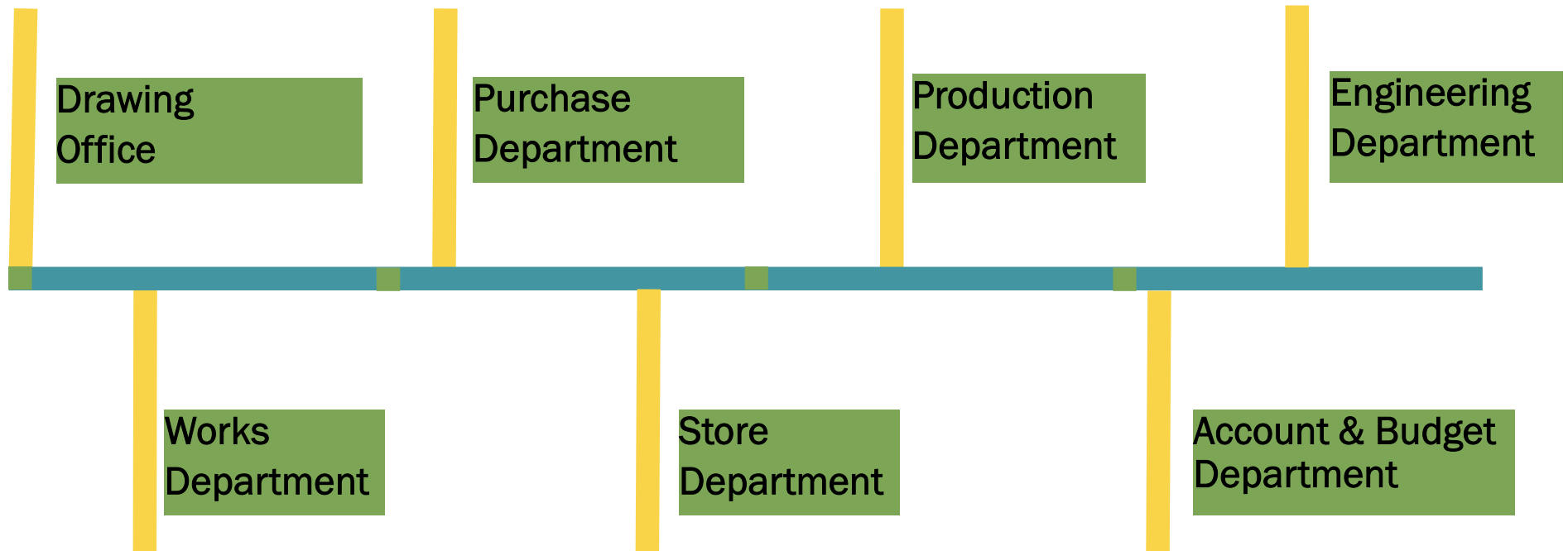
■ Skilled staff ■ Semi skilled staff ■ Unskilled staff



Staff Details



Major Departments

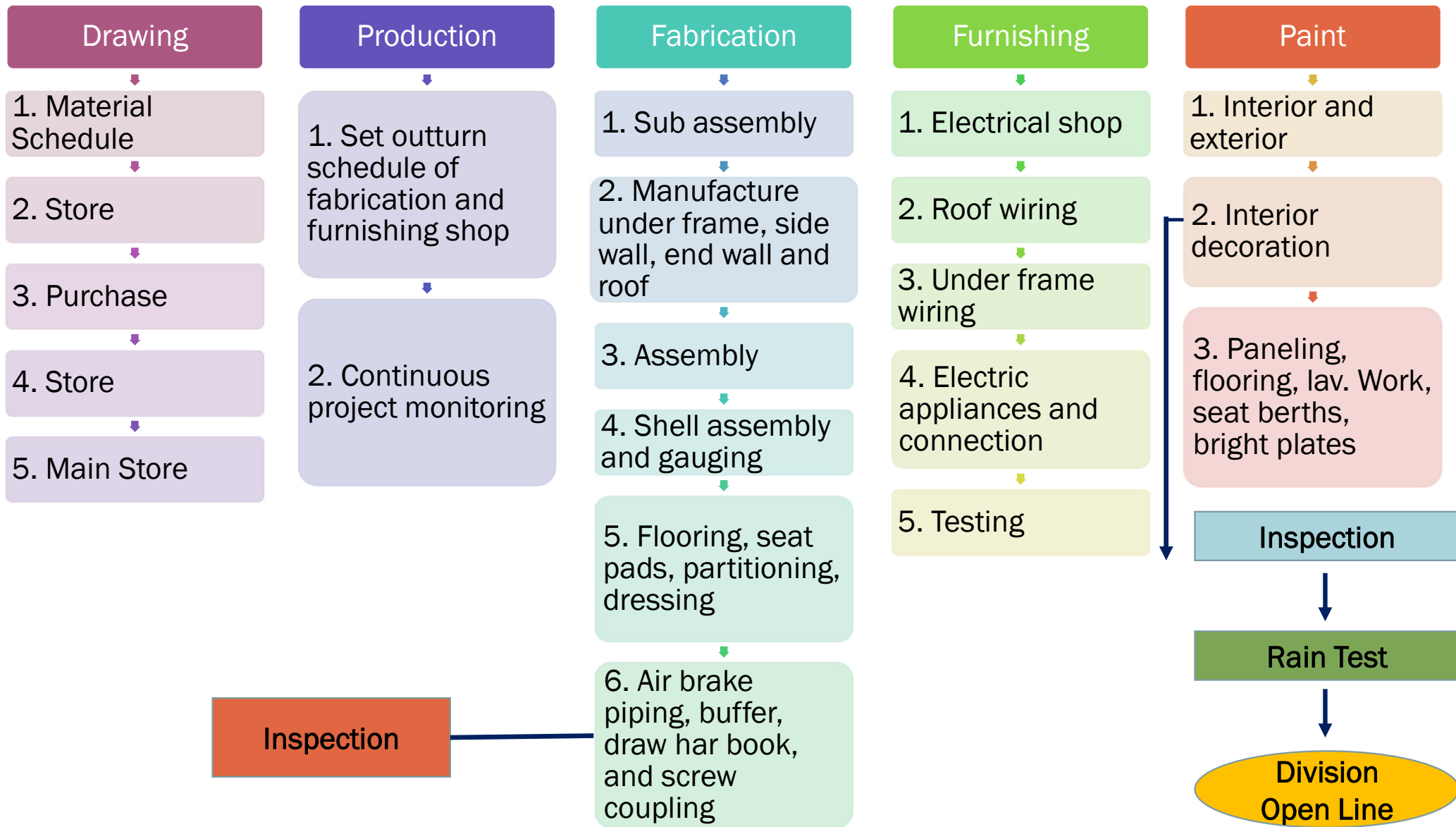


Production History (1970-2020)

Projects Completed	Coaches (no.)
Manufactured new passenger coaches (1971-2015)	2011
Rehabilitation, Special Repairs, Conversion, up-gradation and renovation of old coaches (1991-2020)	1938
Other manufactured stock (1996-2017)	162
P.O.H / N. R (1993-2020)	456
Total	4567

Completed Projects

Projects	Duration
Rehabilitation of 240 coaches	Oct, 2000 – Oct, 2002
Rehabilitation of 450 coaches	Nov, 2002 to Feb, 2007
Procurement/Manufacture of 175 Chinese coaches	Feb, 2002 to May, 2007
Manufacture of 50 Bogie Brake Vans (Chinese design)	Sep, 2007 to Jun, 2008
Procurement/Manufacture of 2020 Chinese coaches	Aug, 2012 to Jan, 2015
Manufacture of 15 Chinese Bogie Brake Vans (ZNRVs)	Feb, 2017 to April, 2017
Manufacture of 10 Chinese Bogie Brake Vans (ZNRVs)	Nov, 2017 to Dec, 2017



Ongoing Projects

- Rehabilitation of 60 German Coaches
- A4 maintenance of 40 Chinese Coaches
- Manufacturing of 40 KCR Coaches
- Rehabilitation of Bogie Frames for MGPR
- Assisting PLF in manufacturing of Jigs and Fixture
- Material supply for Special Repair of German Coaches

Transfer of Technology (TOT)

- TOT to manufacture complete new German Coaches
- TOT to manufacture Chinese Coaches
- TOT to manufacture Coil Spring Bogie (CRC)
- TOT to manufacture Tangshan Bogie

Way Forward:

Procurement/Manufacturing of 230 Coaches

- i. Out of 230 coaches, 184 coaches planned to be manufactured in CFI
- ii. Out of 184 coaches, 92 coaches manufactured from cut-to-size materials
- iii. 92 coaches manufactured from raw, un-processed material
- iv. The tender also envisages complete TOT of new manufacturing of Air Spring Bogie (speed 160 km/hr)

Gallery





Tool Shop



Machine Shop

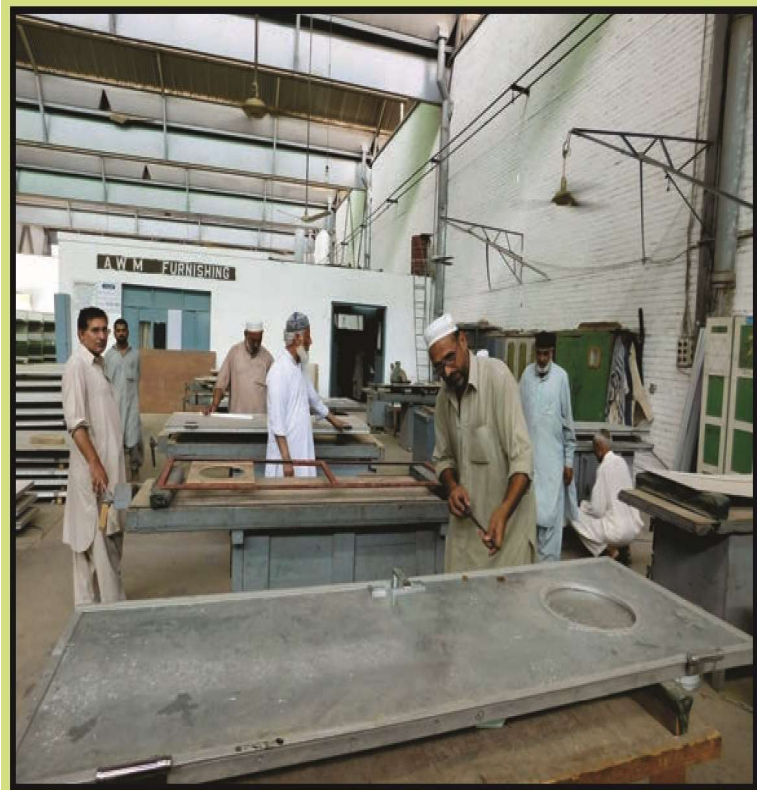


Wood Shop



Forge Shop





Aluminum Shop



Anodizing Shop



Pipe Section



Trimming Section



Bogie Shop



Train Lighting Shop



Auxiliary Facilities









**Islamabad Carriage Factory
(ICF),
Pakistan Railways**

Thank you

Railway Carriage Factory

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