Wärtsilä Italia S.p.A. - Trieste factory

- Factory total area: 550,000 sq. m
- Covered area: 150,000 sq. m
WIT background

Genova, founded 1912
2-stroke engines
Burgmeister licence

Torino, founded 1905
FIAT 2-stroke engines

Trieste, founded 1907
2-stroke engines
Sulzer licence

GMT year 1972

C.R.D.A.

Wärtsilä
Wärtsilä Italia - way of working

President
Finance & Human Resources

Engine Division

Ship Power
Power Plants
Service

Customers
Customers
Customers
Customers
Customers
Customers
Customers
Customers
Customers
Customers
Workforces Turnover 1996 – 2004:

- Dismissals = - 1300 (-69%)
- Hirings = + 525 (+28%)
- Total = - 775 (-41%)
- Project Management for Italian Customers and Engineering for 4-strokes as well as Navy projects
- Sales and pre-engineering support to Italian owners and shipyards, Account Management for Fincantieri
- Maintain technical data, product and application expertise for our strategic products W26, W38, ZA40S and W64 engines
- Business Support Centre for Navy projects world-wide
Wärtsilä power generation solutions in ITALY for land based power plants

WIT Power markets and sells:
- Power generation equipment
- Power generation systems
- Turnkey power plants
- Power generation operation and services

Solutions are based on Wärtsilä prime movers for power plants from 1 MW up to 300 MW
WIT Service mission:

- Service and reconditioning in Italy for Ship machinery, Power Plants and Navy.
- Support customers’ business for several engine brands in key ports with long-term service contracts, operations & maintenance contracts and training activities.
- Support world-wide the products of the Company W26-26X, W38B, W64, ZA40S, ZA50 and GMT engines.
Product engineering has the responsibility for:

- development and product support for Wärtsilä W64, W46&W50DF, W38B, W26 engines
- design of special features:
  - Testing of 18V50DF Dual-Fuel engine
  - Common Rail for W38B
  - Combustion Air Saturation System for NOx reduction
  - Micro-emulsion for ZA40S for smoke and NOx reduction
- laboratory tests for the above engines & systems:
  - Total 16 test beds: 8 for big engines, 8 for small engines (<900 kW)
  - Gas availability
Delivery Centre Trieste
WIT Factory is focused on:

- W64
- W46 & W50DF
- W38B
- W26
- Sulzer ZA40 (only repeated orders)

- Medium-speed engine components
- Engines/components back-up factory for other Wärtsilä units in case of peak loads.
WIT Factory: Delivered MW 1990-2005
Exhaust gas system with silencers for MS engines

Environmental Management System Certificate
UNI EN ISO 14001: 1996
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