

BOMBARDIER

SITE FACT SHEET

Trapaga, SPAIN

Basic Information

Total area: 45,000 m²

Trapaga is one of the smallest but profitable Propulsion and Controls (PPC) sites, which is currently one of the PPC business unit's main centres of competence in terms of Project Management, Sales, Customer Services and Application Engineering.

Trapaga obtained the second best Bombardier Operations System assessment result (3.3 in 2011) and is considered a reference in terms of quality due to both its low level of NCC and the best in class score in BiQ principle (3.4 in 2011).

Competencies

- Supply of Propulsion System for Spain, Italy, Portugal and Latin American market (Mexico included)
 - Both for Bombardier Transportation divisions and external customers and for all PPC applications (*MITRAC** 500, 1000 & 3000)
 - Propulsion & Controls systems and components for new vehicles and repairs, spare parts and technical solutions related to propulsion systems for refurbishment and maintenance through Services division
- Production of TC&AU3000 for DC applications for all over the world.

Main Products and Contracts over the last 10 years

- Propulsion systems for:
 - High speed trains (HST350/AVE 102-112, HST250/AVE 130)
 - Locomotives: E464, Kiruna, RM s/253
 - Metros for Bilbao, Rome and Madrid (several series)
 - Commuter and Regional trains for Renfe, FGC, CPTM-Sao Paulo
 - Trolleybuses for LAM: Merida, Quito, Barquisimeto
 - Refurbishment: Sao Paulo Metro

Historical Milestones

Up to 1990	Different Companies related to Propulsion Systems: General Electric, BBC, Westinghouse, etc.
1990	Acquisition of transportation divisions of CCC Group (Cenemesa, Conelec, Cademesa) in Spain and establishment of ABB Tracción S.A.
1996	Acquisition of ABB traction by Daimler Benz and Merge of AEG, resulting Adtranz
2001	Acquisition of Adtranz by Bombardier

Certifications

- Certified ISO 9001/2000 (Quality)
- Certified ISO 14001/2004 (Environmental Management System)
- Certified OHSAS 18001 (Health and Safety)
- Certified IRIS* (International Railway Industry Standard)

* First BT site and first Company in Spain awarded with this certification

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