

DESIGN ENGINEER for ELECTRICAL and MECHANICAL FITTINGS

The global leader in high speed trains, ALSTOM Transport supplies one in four metros and one out of three trains in the world, with 26,500 people in over 60 countries.

Based in the north of the city of Barcelona, Santa Perpetua (approx 600 employees) is an important manufacturing site for metros, tramways and regional trains.

We are currently looking for 4 Design Engineers for Electrical Fittings and 1 for Mechanical Fittings for 6 months fixed term contract. The main objective of this job is managing the integration and designing the electrical and mechanical fittings of the train.

Main duties and responsibilities include :

- Integration studies for electrical / mechanical fittings.
- Design 3D and 2D drawings for electrical fittings in the train (as electrical installations, electrical panels, electrical cabinet) and mechanical fittings (as general layouts, under frame and roof equipment fittings, interiors, cabin and pneumatics fittings)
- Define equipment electrical/ mechanical interfaces.
- Produce relevant technical documents in electrical/ mechanical schemes or technical specifications
- Structure technical documents in ALSTOM DMA database
- Ensures manufacturability and maintainability, as well as RAMS
- Internal and external suppliers interface

Internally he/she will manage the technical interfaces with others partners of the project (Subsystems, Other Business Units, etc), following the Central Engineering methodology. He/she will also support technically the Project Engineering Managers, and will deal with the other Site Engineerings involved in the project. Finally, he/she will collaborate in the Design Review, and others Gate Reviews, according the Quality Plan of Alstom.

Externally, he/she will be involved in the technical meetings and activities with the customer, together with the Project management. He/she will ensure the main technical interfaces and performances validation with the suppliers, together with Subsystems organization and RAMS Manager.

Educational and Professional Background Requirements

Experience in CATIAv5 and DMA database tools, min. 1 year.

Superior Engineer *with experience*.

Spanish and English speaking and writing required. French language is advisable.

Min. 3 year's experience in electrical/ mechanical systems design, and electrical/ mechanical fittings definition.

Knowledge of train electrical components.

Experience in railways.

Open to international mobility.

Application: Please send your CV to **Nedjma LAKHDARI**, nedjma.lakhdari@transport.alstom.com or in our page www.alstom.com / Ref .SAN0007F (electrical) and SAN0007G (mechanical)
First interviews will be organized on Friday 3/02/2012