

Mechanical Engineer

Location: Beijing

Sector: Manufacturing

Starting date: ASAP

Company

Our client is an international industrial group designing and manufacturing electric actuators and associated control systems for over 80 years. This key market position makes the company a privileged partner for customers across a range of challenging sectors including Power, Water, Industry and Oil & Gas. The position takes place in Asia Operating Area and located in Beijing, the Asia head office, inside the Asia Research and Development Center.

Position:

You will be part of the Asia R&D Department, in charge of developing and designing products and solutions adapted to the market and to modify and improve existing products supporting technically the project manager, your main missions will be:

- Redaction of specifications definitions
- Feasibility studies
- New product design: Quality, costs, lead times
- Calculations and sizing of complete mechanical systems (Rotary parts, gears assemblies, casting enclosures, ...)
- Chains of dimensions calculations
- Assembly drawings and detailed parts drawing for manufacturing realization with 3D and 2D software (Solidworks)
- Follow-up of products and systems qualifications process (CSA, IECEx, ...)
- Products industrialization (BOM Redactions, analysis on prototypes and mass production initial samples, ...)
- Co-design and technical discussions with suppliers
- Technical support for complex mechanical problem solving with factory

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Requirement:

- Bachelor's Degree or above in science and technology with a major in mechanical design
- 5+ Years' experience in mechanical design, if possible in actuators or electrical geared rotary machines.
- Kinematic chains
- Strength of materials, Finite Element Methods, Gears calculations
- Design and drawing abilities for casting parts (Iron, Aluminum Alloys, ...), plastic injection parts, gears, ...
- Good understanding of manufacturing processes (Injection molding, die casting, hobbing, gear shaping, ...) and their pros and cons
- Proactivity, dynamism, adaptability, creative thinking, strong enthusiasm to support teams and to take over important and exciting challenges!
- Solidworks or equivalent (CATIA, ...), Office Pack (Word, Excel, Powerpoint...)
- English proficiency compulsory in both oral and writing

APPLICATION : Please send your resume to: bj-hr@ccifc.org

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