

## Mechanical Engineer

**Location:** Beijing

**Sector:** Aviation

**Starting date:** ASAP

### ABOUT THE COMPANY

Our client is a full round of cooperation from technical research to product development and production on civil turboprop engine power turbine and flame tube, providing modules for mother companies Grand Groups manufacturing aircraft engines.

### MISSIONS

The job context is related to the engine flame tube or power turbine design activities.

The following missions for the job will be:

To perform elasto plastic and elasto visco plastic mechanical computations of flame tube or power turbine by taking into account thermal loads, dynamics loads for static or rotating parts,

- To perform and improve life computations on a flame tube or power turbine parts,
- To attend technical meetings and bring solutions to parent company's requirements for the subsidiary company,
- To bring critical analyses of the results in order to improve the design of the parts and the methodologies used,
- To write technical reports and participate to technical presentations,
- To support engineers in their own mechanical activities and provide training when it is required,
- To work in a team with high communication with colleagues and hierarchies,
- To work in a multi-cultural company,
- To know and respect the security and the corporate human behavior rules.

### REQUIREMENTS

- Engineer or Master degree in mechanical design of a part submitted to thermal loads,
- Knowledge of Siemens numerical tools (NX CAD, NX CAE, NX Thermal, NX Samcef)
- To know how to work in a team,
- Creativity and open mind mandatory,
- English language high level required; French and/or Chinese skills appreciated.

### APPLICATION

Please send your resume to: [zhao.lys@ccifc.org](mailto:zhao.lys@ccifc.org)

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