

FUNCTION GLOBAL GOAL
3D & 2D CAD design of mechanical components

HIERARCHICAL REPORT	RESPONSIBLE FOR
Division Manager	-
SUBSTITUTION	
CAD designer or Project technical manager	

FUNCTION REQUIREMENTS		
Technical Skills		
Academic Training	Professional experience	Other Training and Specific Knowledge
Mechanical design technician	0-3 years	Inventor software Define tolerances Excel software
Soft Skills		
<ul style="list-style-type: none"> • Ability to work under (time) pressure; • Ability to concentrate on one topic for several hour/days; • Proactive; • Organized; • Loves detailing; • English language proficiency. 		

MAIN TASKS
<ul style="list-style-type: none"> • Conceptual and detailed design of mechanical components (solid, sheetmetal, surfaces); • Contribution to system design/architecture definition; • 3D CAD design • 2D CAD design • Drawings for production

MAIN RESPONSABILITIES

- Mechanical design of (sub-)system and parts,
- Ability to elaborate CAD 2D drawings
- Ability to elaborate CAD 3D drawings
- Parts drawings, interface drawing, (sub-)assembly drawings, manufacturing drawings
- Elaboration of parts lists
- Elaboration of drawing tree/hardware tree
- Input to design documentation
- Follow work instructions and work orders
- Manage documents configuration and versions
- Responsible for the bill of materials and components
- Responsible to have the right configuration of CAD files

TYPICAL DOCUMENTS

- CAD files (Inventor, Solid works, AutoCAD, etc.)
- Excel tables with part lists
- Drawings for production