

## Job Description

### 1. Main Purpose of Position

To work within a multi-discipline design team and be responsible for undertaking the design and drawings for mechanical equipment as delegated by the Senior Engineer or Principal Engineer.

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### 2. Specific Areas of Responsibility

- ✓ To develop designs for mechanical plant and equipment.
- ✓ To undertake calculations to substantiate designs.
- ✓ To produce documentations for mechanical plant and equipment.
- ✓ To undertake CPD in support of professional registration.
- ✓ To provide technical support to the manufacturing and test engineers.
- ✓ Produce a level of information (drawings, works instructions etc) that enable manufacturing to take place.

### 3. Additional Tasks

- ✓ Carry out any other tasks within the job holder's capability as requested by the Principal Mechanical Engineer.
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### 4. Reporting Relationships

**Reports to:** Senior Mechanical Engineer  
**Reportees:** None

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## 5. Standards

- ✓ Compliance with company procedures and policies.
- ✓ Display a professional, acceptable attitude and image for all work associated with and undertaken on behalf of NIS Ltd.
- ✓ Champion and up hold the NIS values: Respect, Commit, Protect, Inspire

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Signed [TITLE]:

Date:

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Signed [LINE MANAGER]:

Date:



## Person Specification

Qualifications	Essential	Desirable
BSc/ BEng (Hons) in Mechanical Engineering or other engineering degree accredited by the iMeche		✓
Masters level degree or further learning as approved by the iMeche		✓

Experience & Knowledge	Essential	Desirable
Sound knowledge of mechanical engineering principles, covering: Mechanics Materials Manufacturing Technologies Engineering Analysis Fabrication structures Complex mechanical equipment	✓	
Nuclear engineering experience		✓
Broad based engineering experience in design and manufacturing	✓	
Detailed knowledge of drawing principles and standards	✓	

Skills & Abilities	Essential	Desirable
Ability to produce technical reports and documents		✓
AutoCAD 2D user		✓
3D CAD user (Inventor or Solidworks)	✓	
IT proficient	✓	

Other	Essential	Desirable
Full driving licence	✓	
Able to obtain security clearance	✓	
Able to work away from home for short periods	✓	