



Mechanical fitter

Job characteristics

Short description

A mechanical fitter job description outlines the specific job title, skills, knowledge, experience and other qualifications necessary for the role. A mechanical fitter is an individual who assembles, installs, maintains and repairs various mechanical components to create functioning equipment. The job may involve operating heavy tools or working manually with their hands to complete their tasks.

Is found in

Companies or departments specialized, industrial harbour mechanical work.

Position within the company

Receives orders from business office, supervisor and/or foreman. Works under the direct supervision of the foreman or supervisor. Reports to the foreman or supervisor.

Areas

Independent industry, harbour area.

Personal safety

Good cooperation with colleagues

Tasks

Responsibilities and tasks

Mechanical fitters can work in different environments and perform different tasks depending on their projects' nature. Learning their main duties can guide you on what hiring managers may include in a job description. The main roles and responsibilities mechanical fitters perform can include:

Constructing mechanical systems from raw materials is a significant aspect of a mechanical fitter's job.

They can begin by inspecting the fabricated components to ensure they're of appropriate size. They can also operate heavy machinery such as welding tools to fuse structural components and grinding tools to cut the components into specific shapes and sizes.

Performing safety inspections

Mechanical fitters schedule regular system inspections to ensure compliance with health and safety policies. They typically work in mechanical workshops. Depending on their projects, they may sometimes operate heavy machinery. Ensuring compliance with health and safety protocols can reduce accidents at work and protect the company staff. They can begin by identifying potential hazards, performing risk evaluation and describing emergency measures. Creating a checklist of what to look for during the inspection can help them perform their duties efficiently without errors.

Some safety measures they can implement include limiting workshop access to company staff, dictating the Personal Protective Equipment (PPEs) members can wear and guiding staff on the proper technique of handling hazardous materials. They also perform equipment maintenance and repair during the inspections. They can analyse the faulty structural components to determine whether to repair or replace the units. Apart from maintaining the mechanical systems, they can also repair and maintain their operating machinery to enhance longevity and prevent accidents.

Mental and physical strain

Works in normal production area. Is somewhat bothered by noise

Must either frequently lift or work in a different position (kneeling, stooping, lying, etc.)

Must wear protective equipment. Risk of injury



Knowledge and skills

Mechanical fitter Requirements:

- High school diploma or similar.
- Bachelor's degree in engineering preferable.
- Experience of 10 years in the industry required.
- Written and verbal communication skills in English.
- Ability to focus and keep calm under pressure.
- Ability to keep track of multiple projects.
- TIG attaching (welding)
- VCA full certificate (supervisor, management)
- Reading plans, ISO and 3D
- First Aid diploma

Quality, occupational health and safety and environment (KAM)

- Reporting malfunctions and deviations
- Applying KAM regulations (quality, occupational health and safety, environmental regulations)

Organization of own work

- Checking and measuring own work
- Choosing the right tools
- Reading and interpreting work instructions and assignments
- Reading (technical) drawings
- Tidying up and cleaning the workplace
- Planning own activities

Consultation and coordination

- Participate in work consultations and/or toolbox meetings
- Inform about progress
- Informing and collaborating with colleagues
- Determining installation methods and choice of materials

Organize and execute

- Follow instructions and procedures
- Care

Collaborate and interact with others

- Show attention and understanding
- Act ethically and with integrity
- To collaborate