



Utilities Equipment Repairer (52C)

Army equipment is often electrically powered. It's up to the Utilities Equipment Repairer-an essential member of the Army electrical maintenance team-to make sure all the electrical equipment remains in excellent working order. Utilities Equipment Repairers maintain and repair electrical equipment such as electric motors and electric tools.

The Utilities Equipment Repairer is responsible for supervising and performing maintenance on utilities equipment and special purpose support systems. Some of your duties as a Utilities Equipment Repairer may include:

- Maintaining, testing, and repairing electric motors in many kinds of machines, such as lathes and pumps
- Inspecting and repairing electrical equipment
- Inspecting and repairing electric instruments, such as voltmeters
- Replacing worn gaskets and sealing in watertight electrical equipment
- Maintaining and repairing gasoline engine systems, air conditioner electrical systems and portable heater fuel/electrical systems

TRAINING

Job training for a Utilities Equipment Repairer consists of nine weeks of Basic Training, where you'll learn basic Soldiering skills, and 12 weeks, three days of Advanced Individual Training, including practice in repairing electrical products. Part of this time is spent in the classroom and part in the field.

You'll learn:

- Maintenance and repair procedures
- Use of electrical test equipment

HELPFUL SKILLS

Helpful attributes include:

- An interest in math, electricity and shop mechanics
- An ability to use tools
- An interest in electric motors
- An interest in solving problems

ADVANCED RESPONSIBILITIES

Advanced level Utilities Equipment Repairers supervise and train other Soldiers in their discipline.

RELATED CIVILIAN JOBS

The skills you learn as a Utilities Equipment Repairer will help prepare you for a civilian career in many industries, including hospitals, manufacturing firms, and governmental agencies. With some additional certification, you could become a self-employed electric tool repairer, electrical instrument repairer, electromedical equipment repairer or electric motor repairer.

RELATED ARMY POSITIONS

[Construction Equipment Repairer \(62B\)](#)

[Power Generation Equipment Repairer \(52D\)](#)

[Special Purpose Equipment Repairer \(52X\)](#)

Information about this MOS provided by: www.goarmy.com

For further information visit: www.minnesotanationalguard.org