



## Chemical Operations Specialist (74D)

Detailed warning, control and evacuation plans must be developed in order to prepare for emergencies and natural disasters. Emergency management specialists, such as the Chemical Operations Specialist, prepare emergency plans and procedures for all types of disasters, including floods, earthquakes, hurricanes, biological warfare or enemy attacks.

Chemical Operations Specialists are primarily responsible for operating, maintaining or supervising the use of nuclear, biological and chemical (NBC) detection and decontamination equipment. Some of your duties as a Chemical Operations Specialist may include:

- Assisting in the establishment and application of NBC defense measures

- Providing training advice and supervision regarding the proper use and maintenance procedures for chemical equipment and chemical operations

- Operating and performing operator maintenance on smoke generating equipment, NBC identification/detection and decontamination equipment

- Assisting in preparing and maintaining disaster operations plans

- Training military and civilian personnel on what to do in an emergency

- Operating and maintaining nuclear, biological and chemical detection and decontamination equipment

- Conducting surveys to determine needs in the event of an emergency

- Monitoring disaster preparedness activities and training operations

### **TRAINING**

Job training for a Chemical Operations Specialist consists of Basic Training, where you'll learn basic Soldiering skills, and of Advanced Individual Training for 19 weeks of One Station Unit Training (OSUT). Part of this time is spent in the classroom and part in the field.

You'll learn:

- Defensive procedures for NBC warfare

- Preparation of emergency plans

### **HELPFUL SKILLS**

Helpful attributes include:

- An ability to communicate effectively

- An interest in algebra, chemistry, physics, geometry and trigonometry

- An ability to plan and organize

- An ability to work calmly under stress

### **ADVANCED RESPONSIBILITIES**

Advanced level Chemical Operations Specialists supervise and train other Soldiers within their discipline. As an advanced level Chemical Operations Specialist, you may be involved in:

- Leading smoke generating or fuel supply squads

- Supervising reconnaissance/decontamination operations

- Serving as company NBC Specialist

### **RELATED CIVILIAN JOBS**

The skills you learn as a Chemical Operations Specialist will help prepare you for a civilian career with federal, state and local governments, including law enforcement and civil defense agencies.

Information about this MOS provided by: [www.goarmy.com](http://www.goarmy.com)

For further information visit: [www.minnesotanationalguard.org](http://www.minnesotanationalguard.org)