



# Introduction to Chemical Manufacturing

## Roles and Responsibilities

### Course Objectives

1. List the four main areas of a chemical manufacturing facility.
2. Define unit.
3. Describe different working schedules for chemical operators.
4. Describe the working conditions in the control room.
5. Describe the working conditions in the field.
6. Describe the responsibilities of a control room operator.
7. Describe the responsibilities of a field operator.



### Key Terms (Define the following)

unit - \_\_\_\_\_  
\_\_\_\_\_

distributed control system (DCS) - \_\_\_\_\_  
\_\_\_\_\_



### Questions

1. What is the main role of a chemical operator?  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
2. Describe the four main areas of a chemical processing plant.
  - 1) \_\_\_\_\_
  - 2) \_\_\_\_\_
  - 3) \_\_\_\_\_
  - 4) \_\_\_\_\_
3. Typical chemical operator shift lengths are \_\_\_\_\_, \_\_\_\_\_, or \_\_\_\_\_ hours per day.

4. Typical chemical operator shift rotations are \_\_\_\_\_, \_\_\_\_\_, or \_\_\_\_\_ consecutive days.

5. List two inside (control room) operator responsibilities.

1) \_\_\_\_\_

2) \_\_\_\_\_

6. List two outside (field) operator responsibilities.

1) \_\_\_\_\_

2) \_\_\_\_\_