## **26 PROCESS SAFETY MANAGEMENT**

## **CASE STUDY**

ChemStar Inc. is preparing to conduct a process hazard analysis. It has compiled all the necessary information about the chemicals it uses, including Material Safety Data Sheets and process-flow diagrams. ChemStar has consulted with its employees and decided to involve them in the hazard analysis. The next step is to select the analysis team and determine the priority order they will to begin their analysis. ChemStar has always used HAZOP studies for its process safety analyses and knows the kinds of information it must gather along the way. Although ChemStar has never had a serious incident at its plant, it knows the age of its facilities, and the known potential effects of the chemicals it uses have put it on OSHA's PQV inspection list. ChemStar would like the process safety analysis to get underway as soon as possible.

- 1. What criteria should ChemStar use to select people for its process safety analysis team?
- 2. How should the team determine the priority order for the analysis and how does a HAZOP study work?
- 3. What is the purpose of a PQV?