

9 IDENTIFYING HAZARDS

CASE STUDY

You belong to a team that is completing a hazard analysis of warehouse operations at your plant. The goal is to locate hazards that may have been developed after new procedures were implemented for loading and unloading shipments. You know that hazard analysis methods can be divided into two broad categories: inductive and deductive. After analyzing the amount and type of information already available and the cost of setting up and conducting an analysis, you decide to use deductive methods because they show how an incident can happen.

They use a combined-events analysis, often in the form of trees. You decide to use a fault tree for your analysis of warehouse procedures. Now you must justify your decision to the rest of the team.

1. Describe what a fault tree is and compare it to a positive tree.

2. Explain the advantages of using analytical trees.