



SEPCo: Incident Investigation

Services Performed

As a part of ongoing support to Shell Exploration and Production Company (SEPCo), IRC is assisting in the management of the company's Incident Investigation System. To fulfill this role, IRC has led or participated in numerous on-site investigations.

Objectives

- Facilitate incident investigations of those with high potential consequences using TapRooT®, Tripod, or other method
- Provide advice and support regarding incidents and the refine the company's investigation program
- Review incident reports to ensure adequacy of investigations and that corrective actions are developed that address generic and systematic root causes

Project Description

To meet Shell's goal of continuous improvement in HSE performance, it is vital to record and investigate all incidents and near misses in a timely manner, as they occur.

Understanding the causes of these unplanned events is essential for ensuring that appropriate corrective and preventive actions are implemented to improve the systems, work practices, and working environment and to minimize the possibility of the incident recurring. IRC's incident investigation process utilizes TapRooT® and includes:

- Identification of causal factors that led to the incident
- Determination of root causes including underlying and systematic causes
- Development of effective corrective actions to help ensure that root causes will not recur at the site or at comparable other sites
- Presentation of results to SEPCo management, ensuring that corrective actions are endorsed at a high enough level in the organization to be implemented

All incident and near-miss investigations are recorded in SEPCo's database in accordance with SEPCo's Incident Reporting Procedure.



Photo courtesy of U.S. Chemical Safety Board, <http://www.csb.gov/gallery/>;
Note: This is not a Shell facility

Key Benefits to Client

- Each investigation results in recommendations for corrective actions that can be applied at the incident site and to other, similar SEPCo facilities
- Ongoing support for incident investigations from a qualified, independent HSE perspective results in recommendations that contribute to continual improvement of SEPCo's Incident Investigation System



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