



Shell Road Transport: HSE Standards Assessment

Services Performed

IRC was commissioned by Shell Exploration and Production Company (SEPCo) to analyze the requirements of global Shell HSE Standards for road transport from a risk management perspective.

Objectives

- Determine whether SEPCo's proposed deviations from global Shell Health, Safety, and Environmental (HSE) Standards for road transport would result in significant increased levels of personnel risk
- Make recommendations (based on risk) on the acceptability of proposed deviations from the global HSE standards

Project Description

Road transport incidents remain one of the largest single causes of fatal accidents across the exploration and production industry. Shell is addressing this problem by introducing standards that will increase consistency across worldwide company and contractor operations. The intention of the standard is to improve HSE performance associated with road transportation.

The Shell standard outlines recommended practices and is intended for use as guidance for its operating companies. As part of the roll-out, each operating company is required to assess its compliance with the standard against existing practices and develop a plan for implementation locally.

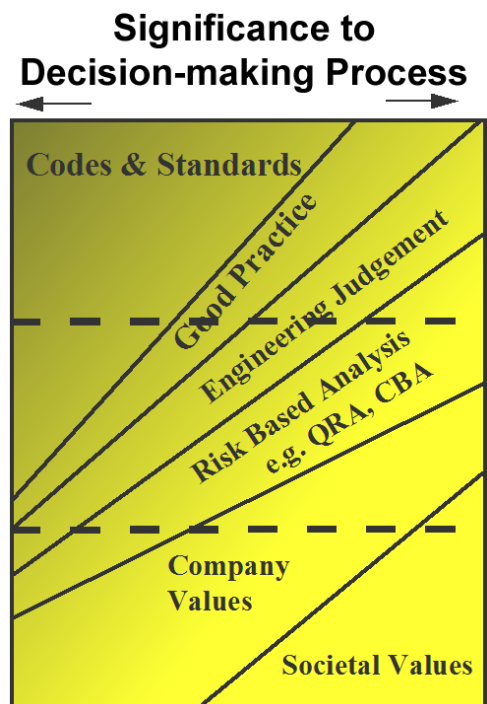
SEPCo recognized that its own operations would likely deviate from the Shell Standard in several key areas:

- No in-vehicle monitoring systems (IVMS)
- Bull bars fitted to many vehicles
- No safe journey management (SJM) system
- Emergency equipment (safety hammers, visibility jackets) not in all vehicles
- No airbags for front-seat passengers on light buses
- Reversing alarms for heavy goods vehicles (HGVs) not universally fitted

SEPCo asked IRC to undertake a detailed risk analysis to assess the costs and benefits of these deviations. The analysis identified where deviating from the worldwide standard was, and was not, justified.

Key Benefits to Client

- A robust analysis of each recommendation to assess whether noncompliance was justified referenced SEPCo's decision-making framework
- SEPCo understood which elements of the standard should be complied with and why



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