

# Case Study

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## Bus & Train Depots (UK-Wide)

### *The Challenge*

A UK-wide bus and train operator as part of their operations, placed great importance on reducing the environmental impact of their operations, and aim to develop a more comprehensive approach to management of these issues. A key objective is to improve the quality of environmental performance data within the company, and to gain a better understanding of current performance in order to set realistic objectives and targets for continued improvement in the future. Fuel transfer and storage facilities, and potential leakages from these, were identified as one of several key environmental impacts associated with the company's portfolio of bus and train depots.

### *The Solution*

A Fuel Installation Audit at all bus and train depots on which fuel is stored was carried out, with the objective of assessing the potential of environmental impact from leaks from fuel transfer and storage systems, and making recommendations.

A total of 123 bus depots from 24 bus companies and 9 train depots from 2 train companies were audited by a Environmental Engineer, with a standard inspection report being completed at each site.

### *The Outcome*

The inspections were concerned primarily with the design and condition of the fuel storage and transfer systems i.e. diesel tanks, tank bunds, tank filling points, fuel delivery points for the refuelling of vehicles and the areas immediately surrounding these areas. Issues relating to operating practices, management and security were also briefly addressed with respect to their influence on the probability of fuel spills occurring.



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