

Design and CDM Planning Supervisor for Portland Port Portland Harbour Authority

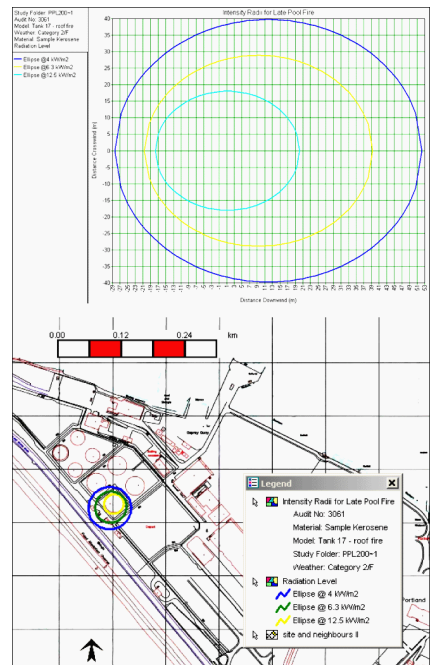
The Mere Tank Farm at Portland Port is used for the bulk storage of high quantities of hydrocarbon fuels and has therefore fallen within the Top Tier of the Control of Major Accident Hazard (COMAH) Regulations.

In order to assist the Port with upgrading the facilities to satisfy both the COMAH Regulations and the Management of Health & Safety at Work Regulations, Entec was commissioned to carry out a risk assessment of the tank farm and associated facilities. Several detailed improvements were identified, including the development of the Port's Safety Management System and the Permit to Work System, which Entec was asked to complete to meet appropriate standards for specific types of work. The risk assessments were also developed into the site's Safety Report, Emergency Plan and fire defence review to satisfy the COMAH regulations and demonstrate that the risks

are ALARP. Following this Entec carry out six monthly audits of the tank farm to check progress on the completion of actions and to ensure that the operations are conforming with both regulatory requirements and Portland Port's own Safety Management System.

Entec has also completed the detailed Engineering Design of the safety solution which comprises additional walls to ensure that spills do not surge over the outer bund walls in the unlikely event of catastrophic tank failure. Refinement of the design has resulted in construction costs being much lower than originally estimated and Entec was also awarded the contract to be Planning Supervisor under CDM Regulations.

As part of its multi-service capability, Entec was also commissioned to manage the inspection of the key pipelines between the tank farm and the port.



Development of hydrocarbon storage into a safe major hazard establishment

