

Project: Ineos Grangemouth Escape Route

Heat Shielding



Expansion of the Ineos Grangemouth processing plant by Jacobs Engineering in 2008 meant that a 25m escape walkway had to traverse a flare exclusion zone, passing through two separate flare stacks to the accommodation block and muster points beyond.

Deliverables

Locker Mini Heatshields were designed, fabricated and supplied ready for installation within a dedicated window so as to reduce the plant downtime to a minimum.

Heatshields on all three exposed sides of the escape route reduced radiant heat from 6.3kW/m^2 (30 seconds safe exposure) to around 1.3kW/m^2 , which is below the threshold for the maximum radiant heat for continuous exposure.



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