

Terence Mahoney



Associated Consultant
tmahoney@otbeng.com

Expertise

Mechanical engineering; ventilation of tunnels and enclosed spaces; aerodynamics for mass transit railway systems; fire protection and fire detection systems; emergency preparedness and incident response; energy conservation and efficiency; industrial photography.

Summary

Terry was employed by London Underground Ltd continuously for 29 years becoming the senior manager responsible for deep tube tunnel cooling, tunnel and station ventilation and the provision of station electrical and mechanical services. In this role he was also responsible for draught control at stations; fire detection/protection of underground assets; remote monitoring of environmental control systems; design and design management; preparation of contracts, briefs and specifications for the installation and maintenance of electrical and mechanical systems for all the network's stations and tunnels; and, toxic fume removal/dilution.

Terry developed emergency preparedness plans for the underground railway and was an advisor/senior manager to all emergency incidents on the deep tube network relating to fire, smoke or heat. He has also been responsible for the assessment and removal of asbestos from all of London Transport's/London Underground's premises including stations and offices.

Terry is currently assisting OtB in the design development of a air-handling unit to be used to provide cold air for London's deep tube network.

Terry has extensive knowledge of London's underground railway network, its operation and operational constraints.

Terry is also a specialist industrial photographer with particular expertise in low-light photography.