

Case Study

Diesel fumes from fire tenders have been an unpleasant feature of the Fire Station for many years. Total Extraction Solutions Ltd have developed a robust and reliable system providing effective capture of dangerous exhaust fumes at source when the fire tender is stationary or while it exits the fire bay after a shout.

Ideal for applications where vehicle movement and exhaust extraction is required simultaneously. A suction rail is mounted at high level above the bay; the hose carrier opens and closes the rubber seal as it travels along the entire length of the rail dispatching harmful gases into the hollow centre. A powerful fan rapidly transports the fumes to the discharge stack.



Our unique exhaust fume capture hood attaches to a base plate mounted to the rear of the appliance. This provides a firm attachment to the vehicle and safely releases as the vehicle exits the doors with little or no swing even when maximum throttle is applied. Operation of the fan and magnets can be controlled automatically at this point.