

Case study 728

Andrews Ventilation assist with ship fume extraction

A major recycling company contacted Andrews Ventilation Hire in search of a temporary solution that would assist them with extracting fumes from a ship in which scrap items were being removed.

The company in question are at the forefront of British metal recycling and reprocess up to 95% of all materials via shredding. The client was tasked with removing scrap metal from a ship which had recently caught fire, but the presence of hazardous fumes was obstructing progress. Prior to the project's commencement, we were made aware that delays were costing the company £30,000 per day – underlining the urgency with which a short-term ventilation extraction arrangement was requirement.

Our specialists visited the site within hours of the enquiry and proposed a ventilation hire package consisting of two FV900 extraction fans. The units were lifted onto the ship's decks via crane and sited in the optimum locations for extracting polluted. The two areas identified were the bilge tanks on deck, and our units deployed at the entrances of both. Contaminants removed from the confined spaces were then ducted outside the application, as requested.

By providing a practical ventilation rental solution within 24 hours of opening contact being made, we helped our customer finally get a cost-sensitive assignment off the ground – much to their relief.



Air flow (max) 19,000 m³/h
Power supply 415 V 3 ph 50 Hz
Plug type BS4343 3 ph 5 pin 16 A
Generator size 35 kVA
Duct length (max) 40 metres
Duct size Inlet 600mm Outlet 450mm
Noise level (max) 74 dBA @ 1m
Weight 465kg
Dimensions (mm) 1,552 x 1,152 x 1,965
Control Manual
Average power consumption 7.1 kW/h



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