

Sector: **Marine**

Project: **BAE Naval Ship Yard**

# Removing potentially explosive dust from **Royal Navy minesweeping vessels**



## Understanding the Challenge

A BAE Naval Ship Yard approached RVT Group after a Senior Project Engineer working on Royal Navy vessels experienced issues with excessive dust.

As fibreglass surfaces were sanded during modification works on the world-leading minesweeping fleet a very fine dust was produced which posed a risk to the workforce, so it was critical that suitable extraction and filtration solutions were implemented.

## Creating the Right Solution

Following a site visit and detailed assessment by an RVT Group Technical Engineer, a bespoke DUSTEX<sup>TM</sup> Dust Control Solution was designed and installed.

- ✔ An ATEX 600 Extraction Unit was purpose-built and implemented to ensure the very fine and potentially explosive dust could be safely removed.
- ✔ Heavy duty, high performance intake ducting was suspended across a gantry from catenary wire before connecting into a temporary extract duct system installed on the vessel's deck.
- ✔ Up to 6 extraction points delivered variant levels of extraction simultaneously with the use of adjustable dampers.

### Providing Real Benefits

With help from RVT Group, BAE were able to deliver the country's Naval Defence Modification Programme on time, within budget and whilst maintaining their highest priority for MOD contacts: to ensure the health of the workforce and that those in close proximity remain protected at all times through the implementation of stringent Health & Safety control measures.



#### DUST CONTROL SOLUTIONS



The purpose-built Atex approved CLEARBLAST 600 was installed to ensure the very fine and potentially explosive dust could be safely removed.



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### World-class solutions for world-class success

We're focused on delivering solutions that overcome our customers' challenges, and firmly believe that a team with a real can-do attitude can achieve anything.

With proven success on some of the world's most prestigious projects, we ensure our customers keep working efficiently and effectively and get the job done safely wherever they are.

Contact us to discuss out how RVT Group can help you overcome your next challenge in the Marine Sector on **+44 (0) 844 324 0601**



Prospect House  
Riverside Way  
Dartford  
Kent  
DA1 5BS

T. +44 (0) 844 324 0601  
F. +44 (0) 844 324 0602  
E. info@rvtgroup.co.uk

[www.rvtgroup.co.uk](http://www.rvtgroup.co.uk)

