

# Shot Peening Booth



## Case Study

**Project Location**                      **United Kingdom**

**Sector**                                      **Metalworking**

**Equipment Description**   **RotoClone N size 8 Arrangement D**

Our clients goal was to provide ventilation from a shot peening booth used in the stress relieving and strengthening following fabrication of welded aluminium structures used for mobile bridges. Whilst no parent metal is removed in the process, the beads break down and the subsequent dust is required to be removed.

AAF supplied a RotoClone N, which being a wet collector, was the preferred solution for applications involving aluminium. The unit was fitted with automatic water level control, as well as a motorised ball valve for automated sludge disposal.

**Outcome:** The system successfully provided the necessary local exhaust ventilation whilst minimising water consumption. through the water addition and sludge disposal features. The RotoClone N also saved the customer money as they have no need for explosion protection.



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