

CASE STUDY > CNC MACHINE

> LOCATION :

Telford, Shropshire

> COMPANY PROFILE :

Precision engineering and tooling

> INCIDENT DETAILS :

On Friday 26th August 2016 at around 14.30 the company were using their Normac MX16 thread grinder during normal operations. During a 'dress cycle' the grinding wheel on the machine hit the diamond dresser harder than normal, generating enough heat to ignite a vapour within the grinding area. This resulted in a fire in the tooling area.

> THE PAFSS SOLUTION :

The business owners contacted us after researching PAFSS online. They had decided to source a fire suppression system as part of a series of corrective actions following the fire. We arranged for a local PAFSS installation agent to contact the customer and a site visit was arranged. The machine was protected by a 2kg Novec 1230 Jactone PAFSS with the detection tubing installed inside the workspace for quick and effective detection in case of further incidents. The system was also fitted with a pressure switch to shut down the machine in the event of a future system discharge as well as a local alarm unit with a visual and audible alert.



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