

CASE STUDY NAME

ODOUR FILTRATION WITH M-MOBILE FILTER UNITS



Case Study Facts

Products: M – 1000 Filter Unit

Process: Turbine maintenance

Customer: TEC THY TURKISH ENGINE CENTER - Turkey

Requirements & Challenges

TEC THY Turkish Engine Center carries out the maintenance and service work in its Istanbul plant for the engines, which are used on THY -Turkish Airlines passenger and cargo planes. The maintenance flow is composed of many different processes, depending on the requirements. In one of these maintenance processes, there is a kind of cleaning application, where some **smelling chemicals** have to be used. These chemicals create **odor problem** that makes the operators uncomfortable in the workshop. TEC THY was looking for a solution for this problem.

SOLUTION

First, VANTERM investigated the **type of the odor and smelling source**, in order to choose the correct filter unit with correct filter media inside. It was one of the priorities for TEC THY to find a **mobile filter unit**, to meet this demand, because the filter unit has to be moved from point to point inside the workshop.

As a result, VANTERM recommended and installed **M-1000 filter unit** with 3m. long-extraction arm. After a period of tests at site, all the operators saw that the odor problem has disappeared. Now, VANTERM M-1000 filter unit serves TEC THY operators to **supply them fresh air** and **healthy work environment**.



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