



## Press Release

2<sup>th</sup> March 2015  
tbh1501

Mobile Extraction and Filtration Systems

### **Environmental protection in laser and welding applications**

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STRAUBENHARDT – For many years, Europe has been a pioneering trendsetter in the areas of industrial safety and health protection. It is thus no surprise, our customers' requirements concerning extraction and filter technology, particularly for laser and welding applications, increase steadily.

In order to meet our customers' safety requirements even better, TBH has complemented its product range by different extraction and filter systems specifically tested by the German Institut für Arbeitsschutz (IFA) [Institute for Occupational Safety and Health] in accordance with DIN ISO 15012-1 (2013). They meet the requirements of the welding-fumes discharge class "W3" as described at the mentioned standard. This makes them particularly suitable for the separation of particles arising when welding steels with alloy percentages exceeding 30 % – e.g. nickel and chrome alloys.

These TBH systems thus meet the required conditions described in TRGS (Technical Rules for Hazardous Substances) 528, paragraph 4.5: "air return". That is, safe returning of air to workplaces used for welding or similar tasks emitting carcinogenic, mutagenic or reprotoxic (CMR) substances of the categories 1 and 2.

As an expert on the area of extraction and filter systems, we thus contribute to human and environmental safety as well as to the safety of machinery. In order to ease the internal approval checks at your company, we would be pleased to provide your company's safety officers with the corresponding verifications and certificates regarding our systems. In addition, all of our systems are marked with the "W3" label described in TRGS 528.

Picture caption: Extraction and filtration systems from TBH compliant with DIN ISO 15012-1 (2013) with "W3" certification

TBH has been designing healthy workplace environments free from harmful gases, foreign particles and dust since 1992. Our extraction and filtration systems are used in a wide variety of production processes to protect mankind, the environment and machines. The products fulfil the highest quality standards and are certified with the necessary seals of approval in both the industrial and medical fields. Regardless of whether standard or individual requirements, we can offer the right solution for every extraction or filtration requirement - worldwide.

**You can also find this press release online at: <http://presse.tbh.eu>**

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