

This website uses cookies to improve the user's experience during working with our network and to provide users with dedicated services and functions. By further use you agree with that.OKDetails

地址	VSS-Umwelttechnik GmbH Heuserweg 13-15 53842 Troisdorf
----	---------------------------------------------------------------------

国家	德国
----	----

产品/机械

Gas scrubbers for the glass industry

During the acid polishing of crystal glass, a mixture of sulphuric acid (H₂SO₄), water (H₂O), hydrogen fluoride (HF) and hexafluorosilicic acid (H₂SiF₆) is used. When the surface layer of the crystal glass comes off, silicon tetrafluoride (SiF₄), is formed which, aside from the hydrogen fluoride, evaporates at bath temperatures of 55° C.

In order to meet the maximum working-site concentration limit values and the limit values of the TA air, extraction- and exhaust gas cleaning systems must be employed.

VSS-Umwelttechnik recommends multistage systems in which the number of gas scrubbing stages is adapted to the hexafluorosilicic acid concentration in the waste gas. The first stages run with an excess of acid in order to avoid the formation of gelatinous silicic acid. To ensure that the excess acid is guaranteed at any time and on even the most diverse crystal surfaces, the acid concentration is continuously supervised. As the last stage, a final HF cleaning is advisable using a slightly acid scrubbing solution.

Company Profile of VSS-Umwelttechnik GmbH

A service of glasssglobal.com, an affiliate of glasssglobal group.

您出版的地址材料版权是属于公司或对它的第三者销售代理，保留所有权。任何用户访问这样的资料的只限于个人使用，并且用户对材料的用途和使用，风险自担。禁止对其它的贸易广告及地址资料重新发布。这样的地址材料如果是由第三方提供，使用这样的新闻材料必须由各用户同意和遵守具体使用条款。Glass Global不保证从任何链接或其它网址打印输出的信息的准确性和可靠性。www.glasssglobal.com - 国际性的玻璃工业门户 - OGIS GmbH