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国家	德国

产品/机械

Control of emissions from cement & lime, glass & solar, ceramic and building materials manufacturing processes

The glass manufacturing industry is diverse and is categorised according to glass type and application – ranging from high volume float (flat) glass and container (hollow) glass production to lower volume manufacture of domestic (tableware), special (lighting and electronics) and technical (tempered) glasses. Other industry sectors include the production of continuous filament glass fibre (CFGF), mineral wools and frits.

Emissions from glass plants can vary significantly from plant to plant depending on the raw materials, manufacturing process and type of fuels used to fire the glass furnaces. Typical pollutants range from particulate matter (PM) and acid gases (HCl, HF and SOx) to CO and NOx – the regulations for which are becoming increasingly tighter, especially in Europe and North America. As such, producers of flat, container and domestic glass, in particular, will need to consider upgrading their plants to meet the new limits. Here, traditional ESP and fabric filters solutions - with sorbent injection (for dust and SOx control) and tail-end SCR systems (for DeNOx) - are now being challenged by state-of-the-art catalytic candle filter (CCF) technologies - such as LTB NOxiTHERM CCF system - which offers the ultimate “all-in-one” emissions control solution for the glass industry.

Company Profile of **Dürr Systems AG**

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