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FUME TREATMENT PLANT FOR A STEELMAKING FACILITY: OVERVIEW OF THE MAIN FACTORS THAT AFFECT THE FINAL CHOICE

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The Fume Treatment Plant sizing needs to be highly customized. The steelmaking equipment characteristics and arrangement, the general site layout, the environmental local regulations and the best available technologies (BAT) for the pollution control have to be taken into account. The final choice implies always the comparison among different solutions regarding the fume capturing, the cooling equipment, the pollutants abatement devices, the possible energy recovery and so on. The choices for FTP are also linked to the choices of the Water Treatment Plant.

An overview with advantages and disadvantages are presented, considering the data coming from real experiences.

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