

ABSTRACT for AIChE Clearwater Conference on Sulfuric Acid Manufacturing

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Drying Tower Mist Eliminator Selection Guide

Selection of the best technology for drying tower mist elimination involves finding the proper balance of efficiency, pressure drop, capacity, service life, initial / replacement cost and maintenance safety for each plant's specific needs. Mist Elimination choices range from traditional knitted mesh, to customized high performance mesh configurations, to impaction fiberbeds, in a variety of construction material options and housing designs. In addition, recent product improvements to increase service life, improve efficiency and reduce costs will be introduced. This presentation provides information useful to help the design, operations and maintenance groups to make an informed decision from the various alternatives available.

