

TOWER OUTLET STRAINERS

Sulfuric acid packed towers often have a strainer in the acid outlet line. This strainer is designed to minimize packing chips and other debris from entering the acid system and plugging up the distributor downcomers. Recently a basket-type strainer collapsed under dynamic load in a drying tower, essentially cutting off the acid outlet flow. Eventually the tower flooded and the plant shut down. MECS is improving our tower strainer design to handle the dynamic loads encountered during this incident as a result. In addition, plant owners are advised that routine maintenance and cleaning of acid strainers is recommended to prevent excessive debris from blocking the acid outlet.

Please contact your MECS representative should you require assistance with your specific installation. Consultation will be provided at nominal and standard industrial rates