SWEETECH ENVIRONS (I) PVT. LTD.

Corporate Office: Plot # 23, 1st Floor, Sitapathi Colony, West Marredpally, Secunderabad 500026 AP INDIA.
Phone:+91 40 27843367, ,+91 40 27710749 TeleFax:+91 40 27846516. Email:
info@sweetech.com, sweetech@gmail.com website: www.sweetech.com

Sugar Dust Collector

Sugar dust is one of the major pollutants in sugar industry and causes substantial loss in revenue as the final product is dispersed in the air. We offer a Sugar Dust Collector which is designed to suit the existing drier house & prevents air pollution to keep the environment clean. The dust collection system prevents the presence of fine particles in the air and **maintains the factory area free from dust.** This also **ensures safety** by keeping the zone free from damage to machinery like motors, gears and bearings and prevents fire hazards.

The on-line dust collection system works continuously using efficient suction hoods located near the dust zone. The dust collected by the dust collector is transferred to a separate unit by a central network of ducting. The dust is then dissoled in water before it is again transferred to the sugar melter.

The system consists of a Cyclonic Wet Scrubber with water spraying arrangement where the dust enters a venturi. The dust dissolves in water which is sprayed along the wall of the venturi. The sugar solution enters a scrubber in a cyclonic path. Clean air rises to the top of the scrubber via a centrifugal fan. The sugar solution enters a tank below the scrubber and is recirculated to the venturi by a pump.

The sugar solution is transferred to melter after attaining 25 Brix to 30 Brix. This is done once in a shift.

Performance Guarantee

The Sugar Dust Collector will collect between 120 to 150 kgs of sugar dust per 1000 bags per day. This ensures a payback period of less than one season of operation.

To receive our offer, please contact us with the following information about your sugar house:

1. Hot/cold drying grass hopper (Nos)
2. Bucket elevators (Nos)
3. Sugar grader (tons/hr)
4. Sugar grader (Nos)
5. Bin bucket elevators (Nos)
6. Sugar bins (Nos)

EVALUATION VERSION ePrint REGISTERED VERSION ADDS NO WATERMARK visit eprintdriver.com EVALUATION VERSION

Evaluation notes were added to the output document. To get rid of these notes, please order your copy of ePrint 5.0 now.