

WET DUST COLLECTOR



Effective solution for sticky contaminants that quickly clog the conventional filters (Graphite Emulsion used in Hot / Warm forging)

Assured safety for flammable contaminants having high risk of catching fire when deposited on any filter media (Shot Blasting Dust)

Easy capture & cleaning for contaminants having traces of salt, sticky oil droplets, as in Oil bath/Salt bath/Blackodising process in Heat Treatment plants

Cost effective solution for sticky contamination in applications such as Die casting where die coat mixture in water damages any conventional media very easily

Wet Dust Collectors are best suited for pollutants which are difficult to filter using other conventional filtration methods such as bag house/cartridge filters/conventional Dust Collector or Electrostatic filtration. The system is available with additional attachment of recirculating water for specific processes like Shot blasting/Hot Forging and many others.

APPLICATIONS

Dust, Fume and Smoke Filtration for

- ~ Shot Blasting
- ~ Foundry and Hot or Warm Forging
- ~ Heat Treatment Furnace
- ~ Die Casting
- ... and many others

WET DUST COLLECTOR RISK FREE & ECONOMICAL

Wet Dust Collector from SFS is a proven solution to eliminate all the problems faced due to use of conventional dust collector systems in processes with high risk of fire.



Fire risk due to conventional dust collection systems

Risks to life & property

- ~ Fire Damages to Filters
- ~ Damage to Equipment and Property
- ~ Loss of Production Hours/Days
- ~ Loss of credibility and reputation
- ~ Increased safety risks

Proven performance on the field with low maintenance

- ~ Maintenance is nearly eliminated
- ~ Consumable media in ferrous process totally eliminated



Benefits

- ~ **Effective extraction**
- ~ **Requires no manual intervention**
- ~ **Minimal consumable media** with re-circulation

Features

- ~ **Emission Control** with optional 2 stage filtration
- ~ **Dust separation** in trolley enables easy disposal
- ~ **Fully automated** water management
Water replacement once in 4-6 months (Depending on application)
- ~ **Air flow design** as per customer requirement
- ~ **Water** or Water based emulsion
- ~ **Fire proof filter media** in Process

SPAN FILTRATION SYSTEMS PVT. LTD.
4 Ramtekdi Industrial Town Planning Scheme,
Hadapsar, Pune 411013, Maharashtra, INDIA
Tel: +91 985 090 8553 | +91 703 092 1142
Email: info@sfspl.co.in Web: www.sfspl.co.in

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