



Noteworthy News from PiTTek Division of Swindell Dressler International

PiTTek Announces Their New Model CSE-5 Coolant Separator



CORAOPOLIS, PA, May 10, 2014 – PiTTek, a division of Swindell Dressler International Company, announces an improved Model CSE-5 separator for increased sustainability in rolling mill exhaust systems.

The time-tested horizontal separator commonly known as a Purifier, or in PiTTek's case the CSE, has been in service for many years and is best known for its low cost and low maintenance. The most significant limitation in the current design was its relatively low collection efficiency. The CSE specialists at PiTTek decided to “take a second look” at this device to see if improvements could be made and the design review revealed several improvements were possible.

The new CSE-5 still operates with no moving parts, no media to replace, low maintenance, and the changes result in significant performance enhancements. PiTTek can now guarantee an efficiency in the range of 96% to 99% on two (2) micron coolant particulate/mist. The new unit will provide this higher efficiency with a substantially reduced pressure drop of only 1.5 in.w.g. to 3.0 in. w.g.

The improvements resulting from these changes when using the CSE-5 on a mill exhaust system are:

- Simple installation as all connections are located identically to the unit you own on a replacement application
- Potential elimination of a second stage mist eliminator
- Inline installation to lower installed space requirements and cost
- Easier emissions measurement as outlet airstream is not cyclonic
- Lower noise levels due to reduced fan rpm
- Lower operating cost due to reduced fan horsepower
- Much higher efficiency and reduced emissions from the stack
- Improved fume capture at the mill and hoods due to an increased exhaust volume on an existing system
- Improved coolant return/reclamation rate

The CSE-5 is available in the same sizes as the older CSE-2, 3, 4 and CSE/Purifier.

If you are considering a new exhaust system or looking to improve the sustainability of an existing system, please contact PiTTek to discuss your specific application.

Custom Arrangements Are Available

PiTTek

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