

MSA Chemgard® Monitor

for gasket manufacturer



Application

Carbon bed efficiency and breakthrough applications. Operators use several large carbon beds for toluene vapor collection for a process in which toluene is emitted during gasket material manufacture in curing ovens. Carbon beds regenerate with steam on a timed basis. Regeneration process condensation is collected, and liquid toluene is decanted and taken for re-use. Uncollected toluene vapors should be monitored for compliance to various government environmental regulations.

Solution

Three multi-point Chemgard Monitor units are used to monitor carbon bed vapor exhaust concentrations for 0-1,000 ppm toluene, with readings typically less than 20 ppm. Operators use 4-20 mA and 0-10 V outputs for trending and producing reports for environmental officials.

Toluene

Formula	TLV	LEL	Chemgard Monitor Minimum Detection Limit
C ₇ H ₈	100 ppm	1.1%	5 ppm

Note: This bulletin contains only a general description of the products shown. While uses and performance capabilities are described, under no circumstances shall the products be used by untrained or unqualified individuals and not until the product instructions including any warnings or cautions provided have been thoroughly read and understood. Only they contain the complete and detailed information concerning proper use and care of these products.



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