

Calculation of Mercury MTEC for U.S. Filter Westates

Maximum Allowable Stack Gas Hg Concentration (ug/dscm @7% O ₂)	130
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Maximum stack gas flow rate limit (acfm)	9550
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Stack gas moisture content (vol %)	45
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Stack gas oxygen concentration (vol %, dry)	9.2
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Stack gas temperature (F)	175
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Calculated Results:

Maximum stack gas flow rate limit (dscm/min)	123.67
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Maximum allowable Hg feed rate at maximum stack gas flow rate (lb/hr)	1.8E-03
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