



500 CFM MAKOTHERM (MV)

THERMAL-CATALYTIC OXIDIZER / MEDIUM VACUUM SYSTEM

1270 N Red Gum St., Anaheim, CA 92806 - 714-630-4491 - www.makoindustries.us

The 500 Cfm Makotherm (Mv) is a thermal-catalytic oxidizer / medium vacuum system configured with the standard features and source-verified performance specifications presented below.

STANDARD FEATURES

- Compact footprint skid mounting
- Entrained Liquid Separator
- Dilution / Process Valves
- Stainless-steel Transfer Pump
- Positive-displacement Blower
- Blower recirculation Valve
- 20 HP TEFC Motor
- Sound Enclosure
- Oxidizer Chamber
- Excess Air Packaged Burner
- Supplemental Fuel Train
- Flame Arrestor
- Digital Temperature Controller
- Digital Dilution Controller
- Pitot Tube / Pressure Transmitter
- Digital Chart Recorder



AVAILABLE OPTIONS

Trailer Mounted System • Stainless Steel Heat Exchanger • Platinum Coated Catalyst Cell • Remote Telemetry • Totally Enclosed System • Single Phase System • UL Listed Electrical Enclosure E306379

STANDARD PERFORMANCE SPECIFICATIONS

SKID DIMENSIONS

7' Width x 7' Length x 13' Height

ELECTRICAL REQUIREMENT

208/240 Volt/3 Phase/100 Amp

ELECTRICAL REQUIREMENT

208/240 Volt/1 Phase/200 Amp

FUEL REQUIREMENT

LPG or Natural Gas / 5 PSI / 750SCFH

PROCESS FLOW

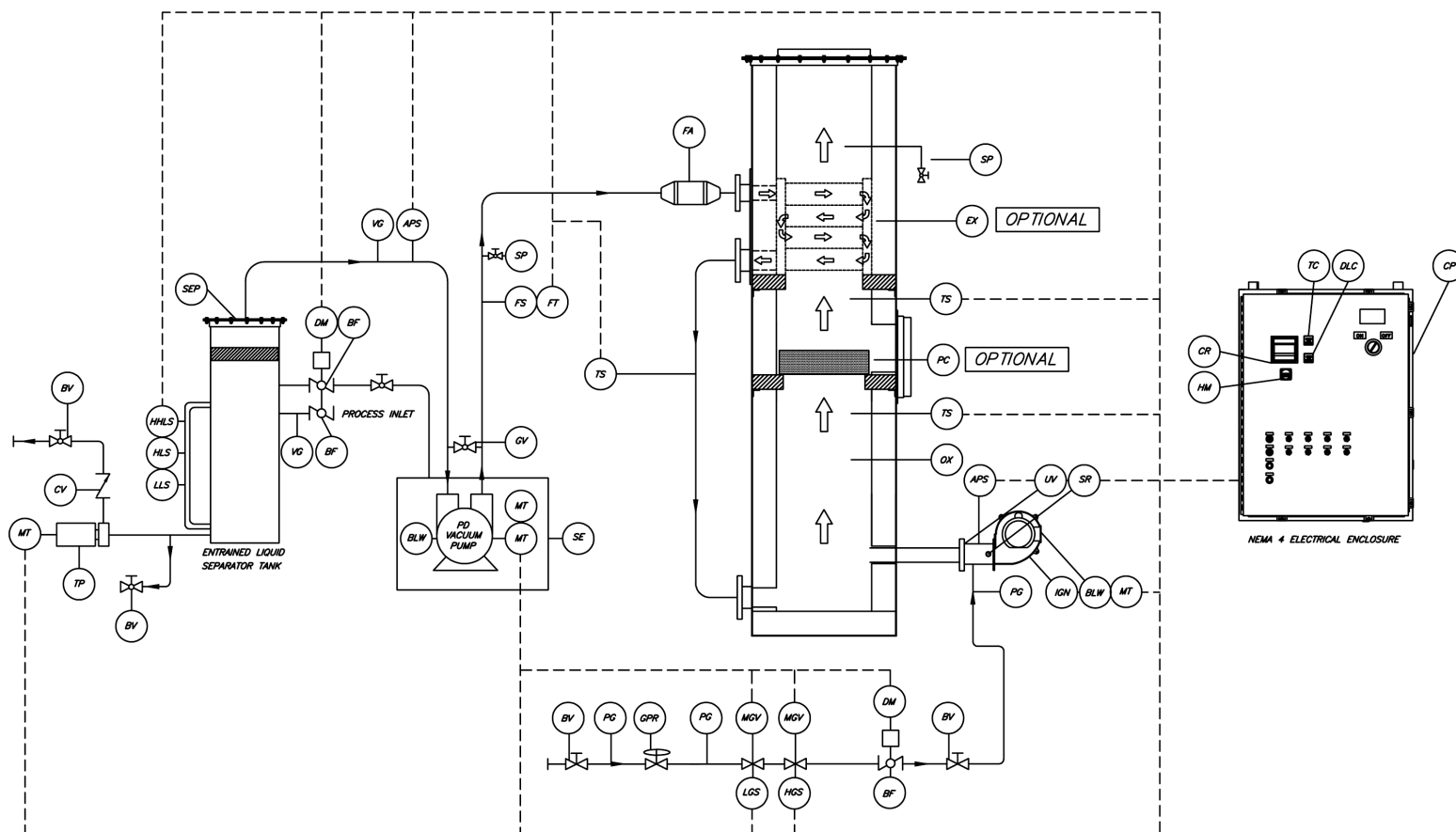
500 CFM and up to 12" Hg. Vacuum

VOC LOADING

15,000 PPMV Maximum

DESTRUCTION EFFICIENCY

98%+



MAKO INDUSTRIES

THERMAL-CATALYTIC OXIDIZER

PROCESS INSTRUMENTATION DRAWING

DATE:
9/15/08

FILE:
500 Makotherm.PID

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