



Member of the FM Global Group

FM Approvals
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CERTIFICATE OF COMPLIANCE

HAZARDOUS (CLASSIFIED) LOCATION ELECTRICAL EQUIPMENT

This certificate is issued for the following equipment:

FALCO 100 Hydrocarbon Abatement System

FALCO 100 Catalytic Oxidizer

The electric catalytic oxidizer creates a hazardous (classified) location. When installed in an adequately ventilated area, the interior of the heat exchanger is defined as a Class I, Division 1, Group D location with an area extending 18 inches radially from the heat exchanger and 18 inches above the ground over a 20 foot radius defined as Class I, Division 2, Group D.

FALCO 100 Blower Package (2 or 3 HP)

XP / I / 1 / D / T2C

VCV Vapor Control Valve

NI / I / 2 / D / T3C

Electrical Ratings:

Controls – 120 Vac, 1Ø, 60 Hz, 3 A
Contactor – 240 Vac, 1Ø, 60 Hz, 5HP
Contactor – 240 Vac, 3Ø, 60 Hz, 10HP
Heater Load – 240 Vac, 3Ø, 60 Hz, 30A

Equipment Ratings:

The electric catalytic oxidizer creates a hazardous (classified) location. When installed in an adequately ventilated area, the interior of the heat exchanger is defined as a Class I, Division 1, Group D location with an area extending 18 inches radially from the heat exchanger and 18 inches above the ground over a 20 foot radius defined as Class I, Division 2, Group D.

The Blower package is explosionproof for Class I, Division 1, Group D, T2C.

The Vapor Control Valve is Nonincendive for Class I, Division 2, Group D, T3C

Approved for:

Falmouth Products, Inc.
Falmouth, MA 02541



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This certifies that the equipment described has been found to comply with the following FM Approval Standards and other documents:

Class 3600	1998
Class 3611	1999
Class 3615	1989
Class 3810	1989

Original Project ID: 1Z4A3.AE

FM Approval Granted: June 12, 1996

Subsequent Revision Reports / Date FM Approval Amended

Report Number	Date	Report Number	Date
3015687	May 6, 2003		
051007	<i>OCTOBER 14, 2005</i>		

FM Global Technologies LLC

Roger L. Allard
Assistant Vice President
FM Approvals

OCTOBER 14, 2005
Date