



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 300 Hydrocarbon Abatement System***

#### ***FALCO 300 Catalytic Oxidizer***

The electric catalytic oxidizer is suitable for use in a Class I, Division 2, Group D, T2C location extending up to 41 inches above the ground. Portions of the oxidizer located outside of this area are only suitable for unclassified locations.

***FALCO 300 Blower Package (5.5 HP, 10 HP, 15 HP, 20 HP, 30 HP, or 40 HP)***  
XP / I / 1 / D / T2C

***VCV Vapor Control Valve***  
NI / I / 2 / D / T3C

Electrical Ratings:

Control Circuit – 120 Vac, 1Ø, 60 Hz, 3 A or 120 Vac, 1Ø, 50 Hz, 3 A

Blower Circuit – 230 Vac, 1Ø, 60 Hz, 5.5 HP or

230 Vac, 3Ø, 60 Hz, 10 HP or

230 / 460 Vac, 3Ø, 60 Hz, 15 / 30 HP or 20 / 40 HP or

230 / 415 Vac, 3Ø, 50 Hz, 17 / 30 HP

Heater Circuit – 240 Vac, 1Ø, 60 Hz, 56.5 A or 240 Vac, 3Ø, 60 Hz, 65 A, or  
480 Vac, 3Ø, 60 Hz, 33 A, or 415 Vac, 3Ø, 50 Hz, 38 A

### ***FALCO 600 Hydrocarbon Abatement System***

#### ***FALCO 600 Catalytic Oxidizer***

The electric catalytic oxidizer is suitable for use in a Class I, Division 2, Group D, T2C location extending up to 30 inches above the ground. Portions of the oxidizer located outside of this area are only suitable for unclassified / non-hazardous locations.

***FALCO 600 Blower Package (20 HP or 40 HP)***

To verify the availability of the Approved product, please refer to [www.approvalguide.com](http://www.approvalguide.com)



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XP / I / 1 / D / T2C

**FALCO 600 VCV Vapor Control Valve**  
NI / I / 2 / D / T3C

**Electrical Ratings:**

Control Circuit - 120 Vac, 1Ø, 60 Hz, 3 A or 120 Vac, 1Ø, 50 Hz, 3 A

Blower Circuit - 230 / 460 Vac, 3Ø, 60 Hz, 20 HP / 40 HP or 230 / 415 Vac, 3Ø,  
50 Hz, 25 / 40 HP

Heater Circuit - 230 Vac, 3Ø, 60 Hz, 83 A or 460 Vac, 3Ø, 60 Hz, 42 A or 415  
Vac, 3Ø, 50 Hz, 50 A

**Equipment Ratings:**

The FALCO 300 Hydrocarbon Abatement System is suitable for use in a Class I, Division 2, Group D, T2C location extending up to 41 inches above the ground. Portions of the oxidizer location outside of this area are only suitable for unclassified locations.

The FALCO 600 Hydrocarbon Abatement System is suitable for use in a Class I, Division 2, Group D, T2C location extending up to 30 inches above the ground. Portions of the oxidizer location outside of this area are only suitable for unclassified locations.

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

**FM Approved for:**

Falmouth Products, Inc.  
Falmouth, MA 02541 USA

To verify the availability of the Approved product, please refer to [www.approvalguide.com](http://www.approvalguide.com)

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

Class 3600	2011
Class 3611	2004
Class 3615	2006
Class 3810	1989

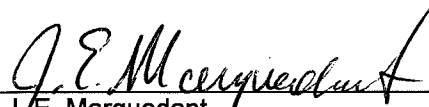
Original Project ID: 2B2A6.AE

Approval Granted: November 14, 1997

Subsequent Revision Reports / Date Approval Amended

Report Number	Date	Report Number	Date
3015687	May 6, 2003	051007	October 14, 2005
3031080	September 13, 2007	3032931	June 20, 2008
100601	June 22, 2010	3043884	August 24, 2011
131007	<i>December 6, 2013</i>		

FM Approvals LLC



J.E. Marquedant  
Group Manager - Electrical

*6 December 2013*  
Date

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