



FM Approvals  
1151 Boston Providence Turnpike  
P.O. Box 9102 Norwood, MA 02062 USA  
T: 781 762 4300 F: 781-762-9375 www.fmapprovals.com

Member of the FM Global Group

# CERTIFICATE OF COMPLIANCE

## HAZARDOUS LOCATION ELECTRICAL EQUIPMENT PER CANADIAN REQUIREMENTS

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 location extending up to 41 inches above the ground. Portions of the oxidizer location outside of this area are only suitable for non-hazardous locations.

#### ***FALCO 300 Blower Package (5.5hp, 10hp, 15hp, or 20hp)***

XP / 1 / 1 / D / T2C

#### ***VCV Vapor Control Valve***

NI / 1 / 2 / D / T3C

Electrical Ratings:

Control Circuit - 120 Vac, 1Ø, 60 Hz, 3 A  
Blower Circuit - 230 Vac, 3Ø, 60 Hz, 10 HP  
Heater Circuit - 240 Vac, 3Ø, 60 Hz, 65 A

or

Control Circuit - 120 Vac, 1Ø, 60 Hz, 3 A  
Blower Circuit - 230 Vac, 3Ø, 60 Hz, 15 HP  
Heater Circuit - 240 Vac, 3Ø, 60 Hz, 65 A

or

Control Circuit - 120 Vac, 1Ø, 60 Hz, 3 A  
Blower Circuit - 230 Vac, 1Ø, 60 Hz, 5.5 HP  
Heater Circuit - 240 Vac, 1Ø, 60 Hz, 56.5 A

or

Control Circuit - 120 Vac, 1Ø, 60 Hz, 3 A  
Blower Circuit - 230 Vac, 3Ø, 60 Hz, 20 HP  
Heater Circuit - 240 Vac, 3Ø, 60 Hz, 65 A

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



**FALCO 600C Catalytic Oxidizer**

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

**FALCO 600C Blower Package (20 HP)**

XP / I / 1 / D / T2C

**FALCO 600C VCV Vapor Control Valve**

NE-NI / I / 2 / D / T3C

Electrical Ratings:

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

Blower Circuit - 230 / 460 Vac, 3Ø, 60 Hz, 20 HP

Heater Circuit - 230 / 460 Vac, 3Ø, 60 Hz, 76 / 38 A

**Equipment Ratings:**

The FALCO 300 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 location outside of this area are only suitable for non-hazardous locations.

The FALCO 600C Electric Catalytic Oxidizer is suitable for use in a Class I, Division 2, Group D, T2C location extending up to 30 in. above the ground. Portions of the oxidizer located outside of this area are only suitable for unclassified / non-hazardous 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

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

C22.2 No. 0.4	1982
C22.2 No. 0.5	1982
C22.2 No. 30	1988
C22.2 No. 142	1990
C22.2 No. 213	1992

Original Project ID: 3024883C

Approval Granted: October 13, 2005

Subsequent Revision Reports / Date Approval Amended

Report Number	Date	Report Number	Date
3031080	September 13, 2007	3036886	
090618	June 25, 2009		

FM Approvals LLC

  
\_\_\_\_\_  
J. E. Marquedant  
Group Manager, Electrical

25 June 2009  
Date