



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:

aDPbc. Vimarc Shaker Motors.

XP / I / 1 / CD / T* Ta = 50°C; DIP / II / 1 / EFG / T* Ta = 50°C; Type 4

a*= Series designation: A, B, C, E, F and G (when 'T' Code = T4); E, F and G (when 'T' Code = T3B); A, B, C and D (not for Group G when 'T' Code = T3).

b = Size designation: maximum 45 (when a = A); maximum 201 (when a = B); maximum 300 (when a = C); maximum 600 (when a = D); maximum 700 (when a = E); maximum 1000 (when a = F); maximum 1500 (when a =G).

c = No. of poles: 2, 4 and 6 (when a = A); 2, 4, 6 and 8 (when a = B); 4, 6 and 8 (when a = C, D, E or G); 6 and 8 (when a = F).

Equipment Ratings:

Explosionproof for Class I, Division 1, Groups C and D; Dust-ignitionproof for Class II, Division 1, Groups E, F and G indoors and outdoors Type 4 hazardous (Classified) locations.

FM Approved for:

Friedrich Schwingtechnik GmbH
Haan, Germany

Vimarc Inc.
Houston, Texas



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

Class 3600	2011
Class 3615	2006
Class 3820	1979
ANSI/NEMA 250	2003

Original Project ID: 0M5A8.AE

Approval Granted: May 22, 1990

Subsequent Revision Reports / Date Approval Amended

Report Number	Date	Report Number	Date
3003052	March 17, 1999		
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100106	January 22, 2010		
3047029	April 23, 2013		

FM Approvals LLC

J.E. Marquedant
Group Manager

23 April 2013

Date