



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		
3029334	June 12, 2007		
100106	January 22, 2010		
3047029	April 23, 2013		

FM Approvals LLC

J.E. Marquedant  
Group Manager

23 April 2013

Date