



Factory Mutual Research

1151 Boston-Providence Turnpike
P.O. Box 9102
Norwood, Massachusetts 02062

0X2A2.AE
(3615)

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MODEL 4110A LEVEL ENCODER (DIE CAST) FOR HAZARDOUS (CLASSIFIED) LOCATIONS

from

Whessoe Varec, Inc.
10800 Valley View Street
Cypress, CA 90630

I INTRODUCTION

1.1 Whessoe Varec, Inc. requested Factory Mutual Research Corporation (FMRC) Approval of their die cast Model 4110A Level Encoder as explosionproof for Class I, Division 1, Groups C and D hazardous (classified) locations, indoors and outdoors (NEMA Type 4).

1.2 FMRC Approval Guide listing for the die cast Level Encoder, as described by this report, will be identical to the listing that presently appears for the sand cast Model 4110A Level Encoder described in FMRC Approval Report J.I. 0W7A5.AE.

1.3 Approval of the die cast Model 4110A Level Encoder is based on the applicable requirements of the following standards.

TITLE	AUTHOR-NUMBER	DATE
Electrical Equipment for Use in Hazardous (Classified) Locations General Requirements	FM-3600 *	1989
Explosionproof Electrical Equipment General Requirements	FM-3615 *	1989
Electrical and Electronic Test, Measuring, and Process Control Equipment	FM-3810 *	1989
Enclosures For Electrical Equipment	ANSI/NEMA 250	1991

* These standards are based in large part on standards recognized by the American National Standards Institute.