



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 (CLASSIFIED) LOCATION ELECTRICAL EQUIPMENT

This certificate is issued for the following equipment:

I.

Fog Horn.

NI / I / 2 / CD / T*; Type 4X

NI / I / 2 / IIB / T**; Type 4X

Model No.	Description	T-Code*	T-Code**	T ambient
DA-2	2 Emitter, 2 Mile Fog Horn	T4A	T4	55 °C
DA-7	7 Emitter, 2 Mile Fog Horn	T4	T4	55 °C
DA-8	8 Emitter, 2 Mile Fog Horn	T4A	T4	55 °C

II.

LIEX Fog Signal Series.

NI/I/2/BCD/T4; -25 °C ≤ Ta ≤ +55 °C; Type 4X; IP66

NI/I/2/IIB+H₂/T4; -25 °C ≤ Ta ≤ +55 °C; Type 4X; IP66

LIEX-710-ab-cM-HAde. f-Mile Fog Horn.

a = nautical mile (05 = 1/2 mile; 2 = 2 mile)

b = emitter stack (1, 2 or 3)

c = nautical mile (05 = 1/2 mile, 2 = 2 mile)

d = quick-release door swing bolts (q or none)

e = power supply (none = external, i1 = internal low power, i2 = internal high power)

f = nautical mile (05 = 1/2 mile; 2 = 2 mile)



Member of the FM Global Group

Equipment Ratings:

I.
Nonincendive for Class I, Division 2, Groups C & D, and Class I, Zone 2, Group IIB hazardous (classified) indoor/outdoor (Type 4X) locations

II.
Nonincendive for Class I, Division 2, Groups B, C & D, and Class I, Zone 2, Group IIB+H₂ hazardous (classified) indoor/outdoor (Type 4X) locations

FM Approved for:

Automatic Power Inc.
P.O. Box 230738
213 Hutcheson Street
Houston, TX 77223-0738
USA



Member of the FM Global Group

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

Class 3600	1998
Class 3611	2004
Class 3810	2005

Original Project ID: 2H0A9.AX

Approval Granted: January 3, 1984

Subsequent Revision Reports / Date Approval Amended

Report Number	Date	Report Number	Date
831103	March 5, 1984		
851110	December 5, 1985		
901015	June 18, 1991		
001204	December 8, 2000		
020724	November 25, 2002		
020724	November 25, 2002		
050616	July 7, 2005		
3024315	December 29, 2005		
3033733	April 9, 2009		
3037227	August 21, 2009		
3037288	August 28, 2009		

FM Approvals LLC

J. E. Marquedant

J. E. Marquedant
Group Manager, Electrical

28 August 2009

Date

U.S. Department
of Transportation

United States
Coast Guard



Commandant
United States Coast Guard

2100 Second Street, S.W.
Washington, DC 20593-0001
Staff Symbol: G-OPN-2
Phone: 202-267-0980
FAX: 202-267-4222

16518

JAN 21 2000

Automatic Power, Inc.
P. O. Box 230738
Houston, TX 77223- 0738

Dear Mr. Trenchard:

As requested we have made the following changes to the approved list of fog signals under 33 CFR 67:

Old Model Number	New Model Number	Manufacturer
LIET-710-2B	LIEX-710-23-2B	PHAROS MARINE (API)
LIET-710-2M	LIEX-710-23-2M	PHAROS MARINE (API)
LIET-710-05B	LIEX-710-23-05B	PHAROS MARINE (API)

The following fog signals have been removed from the approved list:

FA-630
FA-1070/1
FA-1085/1
FA-850/1
FA-920/1A
FA-930/1
FG-1075/1
FG-850/2
FG-850/2A

District Commanders will be notified of these changes by copy of this letter.

Sincerely,

A handwritten signature in black ink, appearing to read "M. D. Hudson".

M. D. HUDSON
Commander, United States Coast Guard
Chief, Short Range Aids to Navigation Division
By direction

Copy: All Coast Guard Districts(oan)