



Underwriters Laboratories Inc.

March 11, 1991

333 Pfingsten Road  
Northbrook, Illinois 60062-2096  
(708) 272-8800  
FAX No. (708) 272-8129  
MCI Mail No. 254-3343  
Cable ULINC NORTHBROOK, IL  
Telex No. 6502543343

Amerex Corp.  
Mr. Howard Boyd  
P.O. Box 81  
Trussville, AL 35173

Our Reference: EX2764, 90NK10405

Subject: USCG Classification For Listed Dry Chemical  
Wheeled Extinguishers

Gentlemen:

This is to report the results of our investigation of the presently Listed Models 488 (125 lb ABC), 489 (150 lb BC) and 490 (125 lb Purple K) stored pressure dry chemical wheeled extinguishers for USCG Classification.

Only vibration tests were conducted on the Model 489 under this investigation. It was considered to be representative of the three models.

All three model extinguishers are identical in design, except for discharge nozzle orifice size. They currently use the same materials of construction and corrosion protective coatings as the Listed 250 lb stored pressure wheeled extinguishers which have a USCG Classification.

### T E S T R E C O R D

#### SAMPLES:

A sample Model 489 extinguisher filled with Amerex BC dry chemical and pressured to 240 psi was used in this investigation.

#### VIBRATION TEST (MIL-STD-167-1 SHIPS, 5-1-1974):

#### METHOD

A sample Model 489 extinguisher was charged to its exact rated capacity of extinguishing agent and pressurized to 240 psi operating pressure. The extinguisher was secured to the test fixture of the vibration test apparatus directly. The sample was subjected to variable frequency and endurance tests in each



PAGE 3  
March 11, 1991  
/15351/LTR/EX2764.MAR

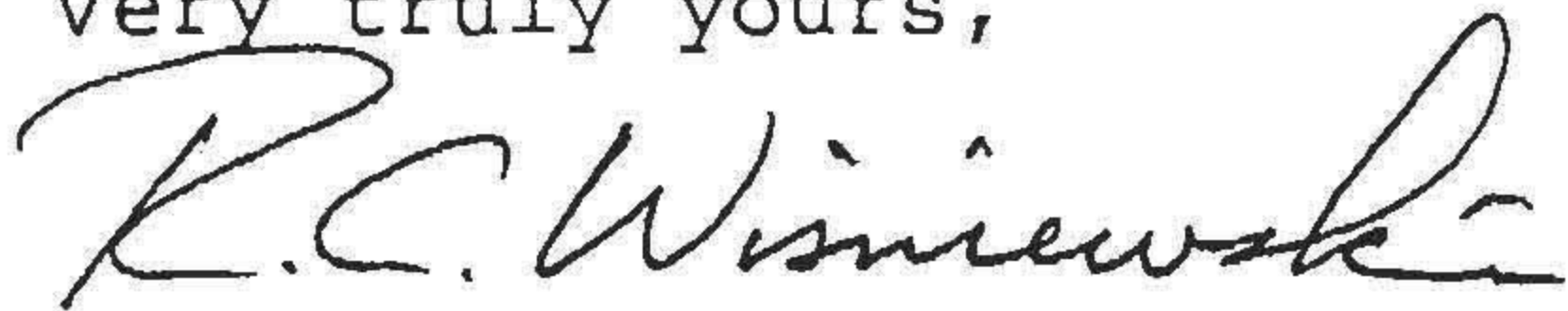
The extinguishers are permitted to have the following UL and U.S. Coast Guard ratings:

<u>Model</u>	<u>Ratings</u>
488	40-A:240-B:C Marine Type USCG Type A Size II, Type B:C Size V
489	240-B:C Marine Type USCG Type B:C Size V
490	240-B:C Marine Type USCG Type B:C Size V

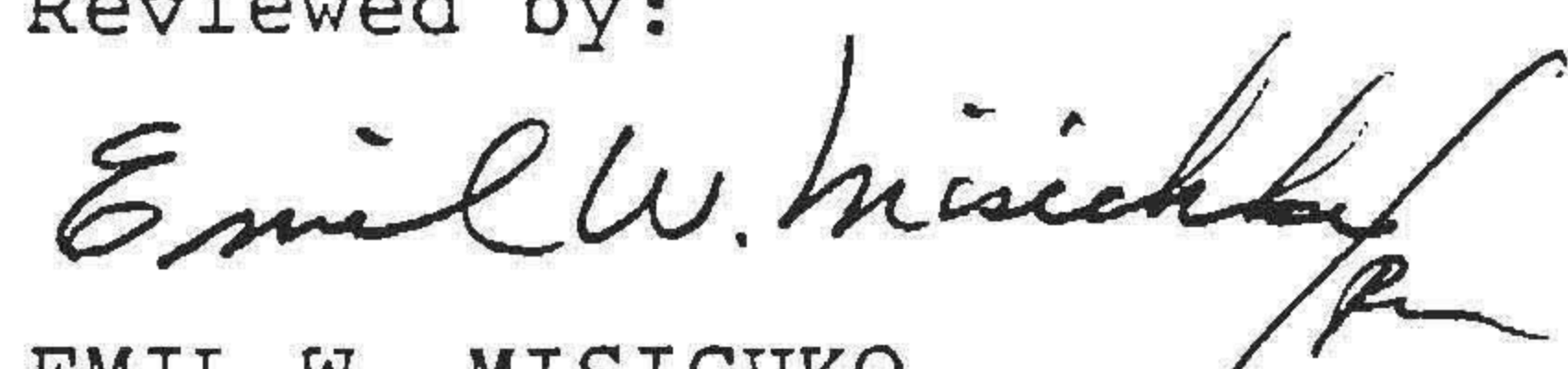
Follow-Up Service Procedure EX2764, Vol. 6 and the Listing information have been revised to indicate the above USCG Classifications.

This terminates our work under Project 90NK10405.

Very truly yours,

  
R. C. WISNIEWSKI  
Senior Engineering Associate  
Fire Protection Department

Reviewed by:

  
EMIL W. MISICHKO  
Engineering Group Leader  
Fire Protection Department

RCW:let

cc: U.S. Coast Guard (G/VI-3/12)  
Mr. Klaus Wahle  
Dept. of Transportation  
2100 2nd St., S.W.  
Washington, DC 20593