

File Ex643
Project 97NK34177

February 5, 1998

REPORT

on

AUTOMATIC SPRINKLERS

Viking Corporation
Hastings, MI

Copyright © 1998 Underwriters Laboratories Inc.

Underwriters Laboratories Inc. authorizes the above named company to reproduce this Report provided it is reproduced in its entirety.

GENERAL

INTRODUCTION:

This Report describes the investigation of automatic sprinklers intended to be installed in accordance with the National Fire Protection Association Standard For The Installation of Sprinkler Systems, NFPA 13.

OBJECT:

The object of this investigation was to determine compliance of the automatic sprinklers with the Standard For Automatic Sprinklers For Fire Protection Service, UL 199.

PLAN:

The investigation of the automatic sprinklers consisted of conducting a product conformance evaluation and performance testing as described in UL 199.

D E S C R I P T I O N

PRODUCT COVERED:

Model M, 1/2 and 17/32 in. orifice, by 1/2 and 3/4 NPT, pendent and upright, glass bulb and fusible link type, intermediate level sprinklers.

CONSTRUCTION DETAILS:

The devices have been examined and found to comply with the Standard For Automatic Sprinklers in effect as of the date of this Report.

USE:

The product covered by this Report are for use in accordance with the National Fire Protection Association Standard For The Installation of Sprinkler Systems, NFPA 13.

C O N C L U S I O N

Samples of the products covered by this Report have been found to comply with the requirements covering the class and the product are judged to be eligible for Listing and Follow-Up Service. The manufacturer is authorized to use the Laboratories' Mark on such products which comply with the Follow-Up Service Procedure and any other applicable requirements of Underwriters Laboratories Inc. Only those products which properly bear the Laboratories' Mark are considered as Listed by Underwriters Laboratories Inc.

Report by:
SCOTT DANKERT
Engineering Assistant

Reviewed by:

GEORGE LAVERICK
Engineering Group Leader

File MS21
Project 96NK24279
Project 99NB240972
*Project 01NK33/Ex643

Issued: March 12, 1998
Revised: October 8, 2001

REPORT

on

GUARDS FOR SPRINKLERS

Viking Corporation
Hastings, MI

Copyright © 1998 Underwriters Laboratories Inc.

Underwriters Laboratories Inc. authorizes the above named company to reproduce this Report provided it is reproduced in its entirety.

DESCRIPTION

PRODUCT COVERED:

*USL, CNL Model D-1 sprinkler guards are used with Listed Model M, 1/2 and 3/4 in. size upright/pendent style sprinkler. Model D-1 guards are also used with Model M intermediate level 1/2 and 3/4 in. size pendent style with Model F-1 water shield and upright style with Model E-1 water shield.

*CNL indicates Listing to Canadian National Standard ULC C199.

CONSTRUCTION DETAILS:

The devices have been examined and found to comply with the Standard For Automatic Sprinklers Outline of Investigation for Guards for Sprinklers in effect as of the date of this Report.

USE:

The product(s) covered by this Report are for use in accordance with the National Fire Protection Association Standard For The Installation of Sprinkler Systems, NFPA 13.

CONCLUSION

Samples of the products covered by this Report have been found to comply with the requirements covering the class and the products are judged to be eligible for Listing and Follow-Up Service. The manufacturer is authorized to use the Laboratories' Mark on such products which comply with the Follow-Up Service Procedure and any other applicable requirements of Underwriters Laboratories Inc. Only those products which properly bear the Laboratories' Mark are considered as Listed by Underwriters Laboratories Inc.

Report by:

Reviewed by:

IQBAL S. CHOPRA
Staff Engineer

GEORGE E. LAVERICK
Engineering Group Leader