

File Ex643
Project 00NK48877

May 25, 2001

REPORT

on

SPRINKLERS, AUTOMATIC AND OPEN

Viking Corp.
Hastings, MI

Copyright © 2001 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 the Tenth Edition of UL 199.

DESCRIPTION

PRODUCT COVERED:

SIN VK408 Concealed Commercial Horizontal Quick Response Sidewall Sprinkler rated 165°F, having a K-Factor of 5.6, using cover plates rated 135° and 165°F.

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 products covered by this Report are for use in accordance with the National Fire Protection Association Standard For The Installation of Sprinkler Systems, NFPA 13, and the manufacturer's installation instructions (see Fig. 1).

CONCLUSION

Samples of the products covered by this Report have been found to comply with the requirements covering the category and the products are judged to be eligible for Listing and Follow-Up Service. The manufacturer is authorized to use the UL 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 UL Mark are considered as Listed by Underwriters Laboratories Inc.

Report by:
JOHN R. SERPE
Engineering Assistant

Reviewed by:

GEORGE E. LAVERICK
Engineering Group Leader