

File EX643  
Project 96NK5606  
Project 97NK0033  
Project 98NK11873  
Project 99NK17251  
Project 01NK09248  
Project 01NK09248  
**Project 06NK03480**

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REPORT

on

SPRINKLERS, AUTOMATIC AND OPEN

Viking Corp.  
Hastings, MI

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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.

## DESCRIPTION

## PRODUCT COVERED:

**Automatic sprinklers incorporating frangible 5 mm glass bulb heat responsive element of the following model, type, and temperature ratings.**

	Model	Response Type	K-Factor	N.P.T.	Description	Temperature
USL, CNL	VK540	Standard	11.2	½, ¾	Large Drop - Upright	155,175,200,286

\*

## 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.)

## ENGINEERING CONSIDERATIONS ONLY:

CNL - Indicates Listing to Canadian National Standards for ULC-C199.

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 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.

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