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APPROVAL REPORT

SAND CAST FRAME, BULB TYPE, PENDENT AND UPRIGHT, STANDARD AND QUICK RESPONSE AUTOMATIC SPRINKLERS (VARIOUS MODELS) WITH NOMINAL DISCHARGE COEFFICIENTS OF 2.8 AND 5.6 GAL/MIN/(PSI)^{1/2} IN PLAIN BRASS, CHROME, AND POLYESTER COATED FINISHES (MODIFICATION)

Prepared for:

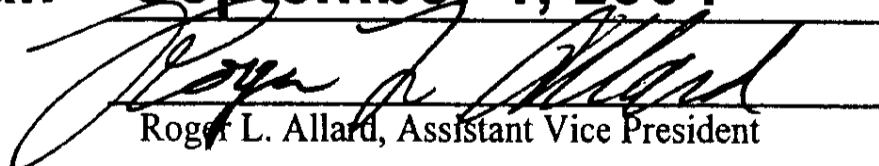
**The Viking Corporation
210 N. Industrial Park Rd.
Hastings, MI 49058**

Project ID: 3020603

Class: 2016

Date of Approval: September 1, 2004

Authorized by:


Roger L. Allard, Assistant Vice President

FM Approvals
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APPROVAL AGREEMENT

The Agreement is made by and between Factory Mutual Research Corporation (herein called Factory Mutual Research)

and **The Viking Corporation, Hastings, MI 49058**

(herein called the Client). The Client is making a product or providing a service known and described as:

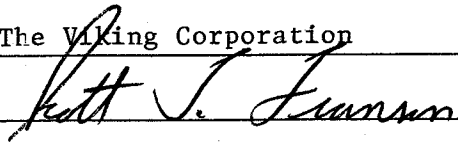
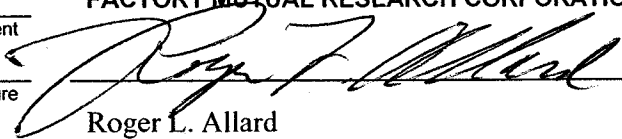
**MODEL VK300, VK302, VK304, VK306, VK325, VK329,
VK350, VK352, VK556, VK566, VK600 AND VK602
BULB TYPE AUTOMATIC SPRINKLERS WITH
NOMINAL DISCHARGE COEFFICIENTS OF 2.8, 5.6
AND 8.0 GAL/MIN/(PSI)^{1/2} WITH ALTERNATE 3 mm
BULB**

This product or service has been examined by Factory Mutual Research as described in a report bearing

Job Identification **3004444**, dated **13 June 2002**.

In consideration of Factory Mutual Research Approval of the product or service, the Client is authorized to indicate such Approval, as stated by the above report, and agrees to the following and terms stated on the reverse side of this Agreement:

1. The Client shall place a unique identification mark (i.e. model or type number) on the product as stated in the above report and shall not place this mark on any other product unless covered by a separate Agreement with Factory Mutual Research.
2. The Client shall use the Factory Mutual Research Approval Mark on the product, but shall not use this mark on any other product unless such other product is covered by separate Agreement with Factory Mutual Research.
3. The Client shall not use, reproduce or distribute the above referenced report by Factory Mutual Research except in its entirety without any change, deletion or addition thereto. The Client agrees that Factory Mutual Research may distribute the referenced report and related information within FM Global. *(See Over)*

The Viking Corporation	FACTORY MUTUAL RESEARCH CORPORATION
	
Client	Signature
Signature	Signature
Scott T. Franson	Roger L. Allard
Name	Name
Director, Sprinkler Division	Group Manager - Hydraulics
Title	Title
210 N. Industrial Park Rd	June 21, 2002
Hastings MI 49058	Date
Address	Date
July 2, 2002	
Date	



Factory Mutual Research

Hydraulics Laboratory
743A Reynolds Road
West Glocester, Rhode Island 02814
Telephone (401) 567-0590
Fax (401) 567-0599

APPROVAL AGREEMENT

The Agreement is made by and between Factory Mutual Research Corporation, (herein called FMRC), and **The Viking Corporation, Hastings, Michigan 49058** (herein called the Client). The Client is making a product or providing a service known and described as:

MODEL M
QUICK RESPONSE BULB TYPE, 1/2 IN. NOMINAL ORIFICE, SAND CAST FRAME, STANDARD VERTICAL SIDEWALL (PENDENT OR UPRIGHT POSITION) AND HORIZONTAL SIDEWALL AUTOMATIC SPRINKLERS, FINISHES OF PLAIN BRASS OR CHROMIUM PLATED TEMPERATURE RATINGS OF 135, 155, 175, 200 AND 286°F (57, 68, 79, 93 AND 141°C)
FOR USE IN AUTOMATIC SPRINKLER FIRE PROTECTION SYSTEMS

This product or service has been examined by FMRC as described in the report bearing Job Identification **0R5A0.AH** dated, **November 3, 1993** In consideration of FMRC Approval of the product or service the Client authorized to indicate such approval, as stated by the above report, and agrees to the following and terms stated on the reverse side of this Agreement:

1. The Client shall place a unique identification mark (i.e. model or type number) on the product as stated in the above report and shall not place this mark on any other product unless covered by separate agreement with FMRC.
2. The Client shall use the FMRC Approval mark on the product, but shall not use this mark on any other product unless such other product is covered by separate agreement with FMRC.
3. The Client shall not use, reproduce or distribute the above referenced report by FMRC except in its entirety without any change, deletion or addition thereto. The Client agrees that FMRC may distribute the referenced report and related information within the Factory Mutual System. (SEE OVER)

The Viking Corporation

Peter W. Thomas Client

Peter W. Thomas Signature

Director, R & D Name

210 N. Industrial Park Road Title

Hastings, MI 49058 Address

November 24, 1993 Date

FACTORY MUTUAL RESEARCH CORPORATION

R. L. Martell Signature

R. L. Martell Name

Asst. V.P. - Approvals Division Title

November 18, 1993 Date
