



Factory Mutual Research

Hydraulics Laboratory
748A 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 1/2 IN. NOMINAL ORIFICE
UPRIGHT AND PENDENT
RACK STORAGE SPRINKLERS
MODEL B1 RACK STORAGE WITH GUARD
MODEL C1 RACK STORAGE WITH GUARD**

This product or service has been examined by FMRC as described in the report bearing Job Identification **OV6A8.AH** dated, **April 11, 1994** 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 Thomas Client

Peter W. Thomas Signature

Director, R & D Name

210 N. Industrial Park Rd. Title

Hastings, MI 49058 Address

May 6, 1994 Date

Date

FACTORY MUTUAL RESEARCH CORPORATION

R. L. Martell Signature

R. L. Martell Name

Asst. V.P. - Approvals Division Title

April 20, 1994 Date

Date



Factory Mutual Research

1151 Boston-Providence Turnpike
P.O. Box 688
Norwood, Massachusetts 02062
Telephone (617) 762-4300
Telex 92-4415

APPROVAL AGREEMENT

This Agreement is made by and between Factory Mutual Research Corporation, (herein called Factory Mutual), 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 A-1

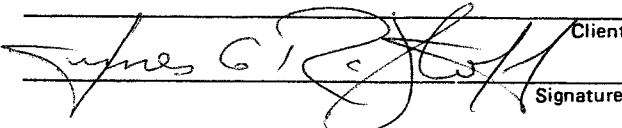
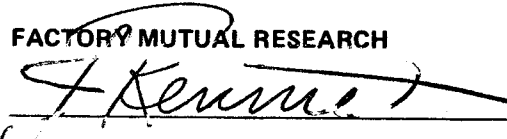
AUTOAMTIC SPRINKLER GUARD

This product or service has been examined by Factory Mutual as described in the report bearing Job Identification OH9A7.AH, dated May 9, 1985

In consideration of Factory Mutual 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 separate agreement with Factory Mutual.
2. The Client shall use the Factory Mutual 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.
3. The Client shall not use, reproduce or distribute the above referenced report by Factory Mutual except in its entirety without any change, deletion or addition thereto.

(SEE OVER)

		FACTORY MUTUAL RESEARCH	
Client	Signature		Signature
Name		J. Rennie	Name
Title		Asst. V.P. - Approvals Division	Title
Address		May 13, 1985	Date
Date			

FACTORY MUTUAL



Factory Mutual Research Corporation
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, MI 49058** (herein called the Client). The Client is making a product or providing a service known and described as:

**MODEL B1 RACK STORAGE SPRINKLER WITH GUARD,
USING MODEL M (3 MM) BULB TYPE, UPRIGHT, 1/2 IN. AND
17/32 IN. NOMINAL ORIFICE SIZES IN FINISHES OF PLAIN
BRASS AND CHROMIUM PLATED WITH NOMINAL TEMPERATURE
RATINGS OF 135, 155, 175, 200 AND 286°F (57, 68, 79, 93 AND 141°C)
SAND CAST FRAME ONLY**

**MODEL C1 RACK STORAGE SPRINKLER WITH GUARD, USING MODEL M
(3 MM) BULB TYPE, PENDENT, 1/2 IN. AND 17/32 IN. NOMINAL ORIFICE
SIZES IN FINISHES OF PLAIN BRASS AND CHROMIUM PLATED WITH
NOMINAL TEMPERATURE RATINGS OF 135, 155, 175, 200, AND 286°F
(57, 68, 79, 93 AND 141°C) SAND CAST FRAME ONLY**

This product or service has been examined by FMRC as described in the report bearing Job Identification **1B1A4.AH** dated, **July 9, 1996**
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
 _____ Client
Peter W. Thomas
 _____ Signature
Peter W. Thomas
 _____ Name
Director, Standards & Approvals
 _____ Title
210 N. Industrial Park Road
 _____ Title
Hastings, MI 49058
 _____ Address
July 22, 1996
 _____ Date

FACTORY MUTUAL RESEARCH CORPORATION

J. Rennie
 _____ Signature
J. Rennie
 _____ Name
Vice President, Approvals Division
 _____ Title
July 15, 1996
 _____ Date



Factory Mutual Research

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

APPROVAL AGREEMENT

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MODEL B-1 SPRINKLER GUARD FOR USE WITH THE MODEL M FUSIBLE TYPE, 1/2 AND 17/32 INCH NOMINAL ORIFICE SIZE UPRIGHT AUTOMATIC SPRINKLER

MODEL C1 SPRINKLER GUARD FOR USE WITH THE MODEL M FUSIBLE TYPE, 1/2 AND 17/32 INCH NOMINAL ORIFICE SIZE PENDENT AUTOMATIC SPRINKLER

This product or service has been examined by FMRC as described in the report bearing Job Identification **1Z2A8.AH** dated, **June 21, 1995** 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
 _____ Client
Peter Thomas Signature
 Peter Thomas Name
 Director, R & D Title
 210 N. Industrial Park Rd. Title
 Hastings, MI 49058 Address
 June 27, 1995 Date

FACTORY MUTUAL RESEARCH CORPORATION
 _____ Signature
J. Rennie Name
 Vice-President - Approvals Division Title
 June 21, 1995 Date



Factory Mutual Research

1151 Boston-Providence Turnpike
P.O. Box 9102
Norwood, Massachusetts 02062
Telephone (617) 762-4300
Telex 92-4415

APPROVAL AGREEMENT

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MODEL B1 UPRIGHT

AND

MODEL C1 PENDENT

RACK STORAGE AUTOMATIC SPRINKLERS

This product or service has been examined by Factory Mutual as described in the report bearing Job Identification 1M9A7.AH, dated Spetember 19, 1986

In consideration of Factory Mutual 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 separate agreement with Factory Mutual.
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3. The Client shall not use, reproduce or distribute the above referenced report by Factory Mutual except in its entirety without any change, deletion or addition thereto. The Client agrees that Factory Mutual may distribute the referenced report and related information within the Factory Mutual System.

(SEE OVER)

Client

Signature

Name

Title

Address

Date

FACTORY MUTUAL RESEARCH CORPORATION

Signature
J. Rennie
Name
Asst. V.P. - Approvals Division
Title
October 1, 1986
Date