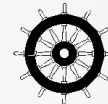


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- ◆ GERMANISCHER LLOYD (GL)
- ◆ MARINE EQUIPMENT DERIVATIVE (MED)
- ◆ CONFORMITE EUROPEENNE (CE)
- ◆ BRITISH STANDARDS INSTITUTION (BSI)
- ◆ BUREAU OF INDIAN STANDARDS (BIS)



प्ररूप ओ-2
FORM O-2



बौद्धिक सम्पदा, भारत
Intellectual Property, India

भारत सरकार

GOVERNMENT OF INDIA

व्यापार चिन्ह रजिस्ट्री

TRADE MARKS REGISTRY

No. 1176918

व्यापार चिन्ह अधिनियम, 1999

Trade Marks Act, 1999

व्यापार चिन्ह के रजिस्ट्रीकरण का प्रमाणपत्र, धारा 23 (2) नियम 62 (1)

Certificate of Registration of Trade Mark, Section 23 (2), Rule 62 (1)

व्यापार चिन्ह संख्या / Trade Mark No.

2192724

दिनांक / Date

19/08/2011

ज.संख्या / J.No.

1609

यह प्रमाणित किया जाता है कि जिस प्रकार चिन्ह की समाकृति इसके साथ संलग्न है, वह के बारे में दिनांक नाम से रजिस्ट्रीकृत हो चुका है।

Certified that the Trade Mark / a representation is annexed hereto, has been registered in the name(s) of

SHRI JIMIT MAHESHKUMAR SHAH, AMBAWADI INDUSTRIAL ESTATE, SURENDRANAGAR - 363 001 - GUJARAT, SHRI ASHOKKUMAR MAHIPATLAL SHAH, SHRI NISHA JIGNESH SHAH, SHRI HEMANTKUMAR MAHIPATLAL SHAH, AN INDIAN NATIONAL PARTNERSHIP FIRM, Trading as : NEWAGE INDUSTRIES, MANUFACTURER AND MERCHANT, (Partnership Firm)

In Class

9

Under No.

2192724

as of the Date

19 August 2011

in respect of

FIRE FIGHTING AND SAFETY TOOLS, APPLIANCES, ACCESSORIES, EQUIPMENTS AND FABRICATED STRUCTURES OF FIRE FIGHTING VEHICLES INCCLUDED IN CLASS-09



NEWAGE

Sealed at my direction, this 07th day of July, 2014

व्यापार चिन्ह रजिस्ट्री
Trade Marks Registry

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व्यापार चिन्ह रजिस्ट्रार
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GHJX.EX26831 Nozzles, Hose Stream

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Nozzles, Hose Stream

[See General Information for Nozzles, Hose Stream](#)

NEWAGE FIRE FIGHTING CO LTD

EX26831

Plot 93 / 94 Lms Compound

Gidc Phase 1

Wadhwan, Surendrangr, 363030 INDIA

Model NewAge-FB-225-F, 2 in. size and Model NewAge-FB-450-F, 2-1/2 in. size straight stream, for application of foam solution.

The following are discharge rates for the nozzle inlet pressures:

Model	Inlet Pressure psi	Solution Flow GPM
NewAge-FB-225-F	38	60
NewAge-FB-450-F	50	120

Model NewAge FB-F-225-S, NewAge FB-F-450-S, NewAge FB-F-225-A, NewAge FB-F-450-A; 2 in. size straight stream self-inducting, for application of foam solution.

Model Newage FB-V-225-S, NewAge FB-V-450-S, Newage FB-V-225-A, NewAge FB-V-450-A; 2 in. size straight stream self-inducting having adjustable orifice for 1 and 3 percent proportioning, for application of foam solution.

The following are discharge rates for the nozzle inlet pressures:

Model	Inlet Pressure, psi	Solution Flow, gpm
NewAge FB-V-225-S	100	60
NewAge FB-V-450-S	100	120
NewAge FB-F-225-S	100	60
NewAge FB-F-450-S	100	120
NewAge FB-V-225-A	100	60
NewAge FB-V-450-A	100	120
NewAge FB-F-225-A	100	60
NewAge FB-F-450-A	100	120

Refer to the individual foam concentrate Listings for operating limitations with specific combinations of foam concentrates and nozzles.

NEWAGE®

Trademark and/or Tradename:

[Last Updated](#) on 2018-06-27

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MZQE.EX16243 - Fire Hose, Lined, Uncoupled, for Municipal and Industrial Use

Fire Hose, Lined, Uncoupled, for Municipal and Industrial Use

See General Information for Fire Hose, Lined, Uncoupled, for Municipal and Industrial Use

NEWAGE FIRE FIGHTING CO LTD

EX16243

Plot 93 / 94 Lms Compound

Gidc Phase 1

Wadhwan, Surendrangr, 363030 INDIA

MODEL: Pyroprotect, Permaline, Pyroblind, Aquarush, Aquasurge, Pyrosurge, Pyrostream

Hose Size (in.)	Service.Test.Pressure (psig)	Hose Type	Ratings	Comments
1-1/2, 2-1/2	250	Single-jacketed	Ozone Resistant	Lining (NBR/PVC) Jacket (Woven Polyester) Cover (NBR/PVC)

Conductive Heat Exposure: Steel Block at 400°C (752°F)

Hose Size (in.)	Exposure Duration	Avg Leakage Rate @ 150 psi	Max Leakage Rate @ 150 psi
1-1/2	7 min 31 sec	< 1 GPM	< 1 GPM
2-1/2	1 min 28 sec	< 1 GPM	< 1 GPM

Radiant Heat Exposure: 30 kw/m²

Hose Size (in.)	Exposure Duration	Avg Leakage Rate @ 150 psi	Max Leakage Rate @ 150 psi
1-1/2			
Reddish brown	1 min 44 sec	≥20 GPM	≥ 20 GPM
2-1/2			
Reddish brown	1 min 33 sec	2.22 GPM	3.55 GPM

MODEL: Premier, Supreme, Firemaster Super, Commander Super, Fire Chief, Fire Out RRL, Firestorm, Aquastrike, Flameblitz, MELTON, MELTON PLUS, PREMIER EXTRA & NOVADURA.

Hose Size (in.)	Service.Test.Pressure (psig)	Hose Type	Ratings	Comments
1-1/2, 2-1/2	250	Single-jacketed	Ozone Resistant	Lining (EPDM) Jacket (Woven Polyester)

Conductive Heat Exposure: Steel Block at 400°C (752°F)

Hose Size (in.)	Exposure Duration	Avg Leakage Rate @ 150 psi	Max Leakage Rate @ 150 psi
1-1/2	1.56 sec	≥20 GPM	≥20 GPM

2-1/2	2.11 sec	≥20 GPM	≥20 GPM
-------	----------	---------	---------

Radiant Heat Exposure: 30 kw/m²

Hose Size (in.)	Exposure Duration	Avg Leakage Rate @ 150 psi	Max Leakage Rate @ 150 psi
1-1/2			
Reddish brown	1 min 57 sec	< 1 GPM	< 1 GPM
2-1/2			
Reddish brown	1 min 56 sec	< 1 GPM	1.30 GPM

MODEL: PREMIER DJ, HYDROLINE, HYDROLINE EXTRA, FIRE CHIEF DJ, AQUASTRIKE DJ

Hose Size (in.)	Service.Test.Pressure (psig)	Hose Type	Ratings	Comments
1-1/2, 2-1/2	300	Double-jacketed	Ozone Resistant	Lining (EPDM) Jackets (Woven Polyester)

Conductive Heat Exposure: Steel Block at 400°C (752°F)

Hose Size (in.)	Exposure Duration	Avg Leakage Rate @ 150 psi	Max Leakage Rate @ 150 psi
1-1/2	9.08 sec	≥20 GPM	≥20 GPM
2-1/2	38.26 sec	3.77 GPM	11.10 GPM

Radiant Heat Exposure: 30 kw/m²

Hose Size (in.)	Exposure Duration	Avg Leakage Rate @ 150 psi	Max Leakage Rate @ 150 psi
1-1/2			
Reddish	2 min 33 sec	< 1 GPM	< 1 GPM
2-1/2			
Reddish	3 min 04 sec	< 1 GPM	1.10 GPM

Trademark and/or Tradename: "AquaStrike", "Flameblitz",



Last Updated on 2020-06-02

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GHXV.EX26830 - PROPORTIONERS, FOAM CONCENTRATE

Proportioners, Foam Concentrate

See General Information for Proportioners, Foam Concentrate

NEWAGE FIRE FIGHTING CO LTD

EX26830

Plot 93 / 94 Lms Compound

Gidc Phase 1

Wadhwan, Surendrangr, 363030 INDIA

IN-LINE INDUCTOR INVESTIGATED TO UL 162

Models *NewAge-ILI-225-F* and *NewAge-ILI-450-F* are for portable use. Has a fixed orifice for nominal 3 percent proportioning.

Following are discharge rates for the inductor inlet pressures:

Model	Inlet Pressure psi	Water Flow GPM
<i>NewAge-ILI-225-F</i>	100	60
<i>NewAge-ILI-450-F</i>	100	120

Refer to the individual foam concentrate Listings for operating limitations with specific combinations of foam concentrates and proportioners.

INLINE BALANCED PRESSURE INVESTIGATED TO UL 162:

Models *NFF-RCW-S-50, -80, -100, -150 and -200* proportioner assemblies incorporate a positive displacement pump and a 2, 3, 4, 6 or 8 in. ratio flow controller.

Models *NFF-RCW-B-50, -80, -100, -150 and -200* proportioner assemblies incorporate a positive displacement pump and a 2, 3, 4, 6 or 8 in. ratio flow controller.

PROPORTIONERS-BALANCED PRESSURE VALVES WITH CONTROLLERS:

Following are equivalent length valves for the controllers based on a roughness factor of 130 and schedule 40 steel pipes.

Models	Controller Size, in.	Equivalent Length Ft
<i>NFF-RCW-S-50, NFF-RCW-B-50.</i>	2	45.7
<i>NFF-RCW-S-80, NFF-RCW-B-80.</i>	3	46.67
<i>NFF-RCW-S-100, NFF-RCW-B-100.</i>	4	16.14
<i>NFF-RCW-S-150, NFF-RCW-B-150.</i>	6	26.41
<i>NFF-RCW-S-200, NFF-RCW-B-200.</i>	8	58.35

Refer to the individual foam concentrate Listings for operating limitations with specific combinations of foam concentrates and proportioners.

Trademark and/or Tradename: 

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GFXX.EX15994 - Foam Monitors

Foam Monitors

NEWAGE FIRE FIGHTING CO LTD

Plot 93 / 94 Lms Compound

Gidc Phase 1

Wadhwan, Surendrangr, Gujarat 363030 India

EX15994

Foam monitors for application of firefighting foam solutions for models, types, inlet pressures and solution discharge flow rates as shown:

Monitor Model	Nozzle Model	Type	Monitor Inlet Pressure, psi	Solution Discharge Flow Rate, gpm
NewAge-AFM-1000-750-500GPM	NewAge-AFN-1000-750-500GPM	B, C	100	500
NewAge-AFM-1000-750-500GPM	NewAge-AFN-1000-750-500GPM	B, C	100	750
NewAge-AFM-1000-750-500GPM	NewAge-AFN-1000-750-500GPM	B, C	100	1000
NewAge-AFM-1000-750-500GPM	NewAge-AFN-1000-750-500GPM with JRCP Model JRCP-1000-750-500GPM	B, C	100	500
NewAge-AFM-1000-750-500GPM	NewAge-AFN-1000-750-500GPM with JRCP Model JRCP-1000-750-500GPM	B, C (With JRCP Model JRCP-1000-750-500GPM)	100	750
NewAge-AFM-1000-750-500GPM	NewAge-AFN-1000-750-500GPM with JRCP Model JRCP-1000-750-500GPM	B, C)	100	1000
NewAge-AFM-2000-1500-1000GPM	NewAge-AFN-2000-1500-1000GPM	B, C	100	1000
NewAge-AFM-2000-1500-1000GPM	NewAge-AFN-2000-1500-1000GPM	B, C	100	1500
NewAge-AFM-2000-1500-1000GPM	NewAge-AFN-2000-1500-1000GPM	B, C	100	2000
NewAge-AFM-2000-1500-1000GPM	NewAge-AFN-2000-1500-1000GPM with JRCP Model JRCP-2000-1500-1000GPM	B, C)	100	1000
NewAge-AFM-2000-1500-1000GPM	NewAge-AFN-2000-1500-1000GPM with JRCP Model JRCP-2000-1500-1000GPM	B, C	100	1500
NewAge-AFM-2000-1500-1000GPM	NewAge-AFN-2000-1500-1000GPM with JRCP Model JRCP-2000-1500-1000GPM	B, C	100	2000
NewAge-AFM-4000-3000-2000GPM	NewAge-AFN-4000-3000-2000GPM with JRCP Model JRCP-2000-1500 GPM	B, C	100	2000

NewAge-AFM-4000-3000-2000GPM	NewAge-AFN-4000-3000-2000GPM with JRCP Model JRCP-2000-1500 GPM	B, C	100	3000
NewAge-AFM-4000-3000-2000GPM	NewAge-AFN-4000-3000-2000GPM with JRCP Model JRCP-2000-1500 GPM	B, C	100	4000
NewAge-AFM-GT-750 GPM	NewAge-AFN-750 GPM	B, C	100	750
NewAge-AFM-MI-750 GPM	NewAge-AFN-750 GPM	B, C	100	750
NewAge-AFM-GT-750-500 GPM	NewAge-AFN-750-500 GPM	B, C	100	750
NewAge-AFM-GT-750-500 GPM	NewAge-AFN-750-500 GPM	B, C	100	500
NewAge-AFM-GT-1000 GPM	NewAge-AFN-1000 GPM	B, C	100	1000
NewAge-AFM-GT-1000 GPM	NewAge-AFN-1000 GPM with JRCP Model JRCP-1000 GPM	B, C	100	1000
NewAge-AFM-GT-750-500 GPM	NewAge-AFN-750-500 GPM with JRCP model, JRCP-750-500 GPM	B, C	100	750
NewAge-AFM-GT-750-500 GPM	NewAge-AFN-750-500 GPM with JRCP model, JRCP-750-500 GPM	B, C	100	500
NewAge-AFM-GT-500 GPM	NewAge-AFN-500 GPM	B, C	100	500
NewAge-AFM-MT-1000 GPM	NewAge-AFN-1000 GPM	B, C	100	1000
NewAge-AFM-MT-1000 GPM	NewAge-AFN-1000 GPM with JRCP Model JRCP-1000 GPM	B, C	100	1000
NewAge-AFM-MT-750 GPM	NewAge-AFN-750 GPM	B, C	100	750
NewAge-AFM-2000	NewAge-AFN-2000 with JRCP Model - NewAge-JRCP-2000	B,C	100	2000
NewAge-AFM-2000	NewAge-AFN-2000	B,C	100	2000

A - Oscillating

B - Nonoscillating

C - Self-inducting

D - Non-self-inducting

Refer to the individual foam concentrate Listings for operating limitations with specific combinations of foam concentrates and monitors.

Trademark and/or Tradename: 

Last Updated on 2022-01-11

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GFUT.EX27975 - FOAM-DISCHARGE OUTLETS

Foam-discharge Outlets

See General Information for Foam-discharge Outlets

NEWAGE FIRE FIGHTING CO LTD

EX27975

Plot 93 / 94 Lms Compound

Gidc Phase 1

Wadhwan, Surendrangr, 363030 INDIA

Foam Chamber, Models *FC-50, FC-S-50, FC-65, FC-S-65, FC-80, FC-S-80, FC-100, FC-S-100, FC-150, FC-S-150* with integral foam maker to aspirate air and discharge air foam solution.

Models *FM-50, FM-S-50, FM-65, FM-S-65, FM-80, FM-S-80, FM-100, FM-S-100, FM-150, FM-S-150* foam makers to aspirate air and discharge air foam solution with *FP-80, FP-S-80, FP-100, FP-S-100, FP-150, FP-S-150, FP-200, FP-S-200, FP-250, FP-S-250* discharge device respectively.

The following are discharge rates for the chamber inlet pressures:

Model	Inlet Pressure Range psi	Flow Range GPM	Orifice Diam Range In.
<i>FC-50, FC-S-50</i>	40-100	20-57	0.346 - 0.523
<i>FC-65, FC-S-65</i>	40-100	59-115	0.645 - 0.724
<i>FC-80, FC-S-80</i>	40-100	114-233	0.901 - 1.019
<i>FC-100, FC-S-100</i>	40-100	238-476	1.334 - 1.527
<i>FC-150, FC-S-150</i>	40-100	454-687	1.854 - 1.877
<i>FM-50, FM-S-50</i>	40-100	19-59	0.346 - 0.523
<i>FM-65, FM-S-65</i>	40-100	59-105	0.645 - 0.724
<i>FM-80, FM-S-80</i>	40-100	114-229	0.901 - 1.019
<i>FM-100, FM-S-100</i>	40-100	229-476	1.334 - 1.527
<i>FM-150, FM-S-150</i>	40-100	467-692	1.854 - 1.877

After determining the required foam solution delivery rate for an installation, the proper size chamber is selected and its solution orifice size is calculated by the following formula:

$D = (Q/CP \ 1/2) \ 1/2$, where

Q = Flow, GPM

D = Orifice Diameter, In.

P = Chamber Inlet Pressure, PSI

C = "Constant" For Each Chamber

"0.195" for FC-50,FC-S-50 , "0.21" for FC-65,FC-S-65 , "0.212" for FC-80,FC-S-80

"0.217" for FC-100,FC-S-100 , "0.219" for FC-150,FC-S-150

"0.20" for FM-50,FM-S-50 , "0.21" for FM-65,FM-S-65 , "0.212" for FM-80,FM-S-80

"0.222" for FM-100,FM-S-100 , "0.216" for FM-150,FM-S-150

Refer to the individual foam concentrate Listings for operating limitations with specific combinations of foam concentrates and discharge outlets.

Last Updated on 2019-01-15

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VGYZ.EX27852 - Nozzles, Spray Type, Fixed

Nozzles, Spray Type, Fixed

NEWAGE FIRE FIGHTING CO LTD

Plot 93 / 94 Lms Compound

Gidc Phase 1

Wadhwan, Surendrangr, Gujarat 363030 India

EX27852

NONAUTOMATIC TYPE

Model	Discharge Angle, Deg	Discharge Coefficient, K	
		K (GPM/(psig) ^{1/2})	K-m (LPM/(kg/cm ²) ^{1/2})
NFF-230LT	45	3.8	56
NFF-230NC	60	2.0	29
NFF-230NC	60	3.0	43
NFF-230MC	90	1.2	17
NFF-230MC	90	1.6	23
NFF-230MC	90	2.3	33
NFF-230MC	90	2.5	36
NFF-230WC	120	1.6	23
NFF-230WC	120	2.3	33
NFF-212	90	1.7	24
NFF-212	90	2.4	34
NFF-212	90	3.0	43
NFF-212	90	4.3	62
NFF-212	90	5.2	75
NFF-212	120	1.7	24
NFF-212	120	2.4	34
NFF-212	120	3.0	43
NFF-212	120	4.3	62
NFF-212	120	5.2	75
NFF-212	150	1.7	24
NFF-212	150	3.0	43

NFF-213	90	1.7	24
NFF-213	90	2.4	34
NFF-213	90	3.0	43
NFF-213	90	4.3	62
NFF-213	90	5.2	75
NFF-213	120	1.7	24
NFF-213	120	2.4	34
NFF-213	120	3.0	43
NFF-213	120	4.3	62
NFF-213	120	5.2	75
NFF-213	150	1.7	24
NFF-213	150	3.0	43
HV-B, HV-S	80	1.26	18
HV-B, HV-S	75	1.54	22
HV-B, HV-S	120	1.61	23
HV-B, HV-S	100	1.82	26
HV-B, HV-S	90	2.24	32
HV-B, HV-S	115	2.94	42
MV-B, MV-S, MV-AB, MV-D	65,80,90,100,110,120,140	1.3	18
MV-B, MV-S, MV-AB, MV-D	65,80,90,100,110,120,140	1.5	22
MV-B, MV-S, MV-AB, MV-D	65,80,90,100,110,120,140	1.8	26
MV-B, MV-S, MV-AB, MV-D	65,80,90,100,110,120,140	2.1	30
MV-B, MV-S, MV-AB, MV-D	65,80,90,100,110,120,140	2.5	35
MV-B, MV-S, MV-AB, MV-D	65,80,90,100,110,120,140	2.9	41
MV-B, MV-S, MV-AB, MV-D	65,80,90,100,110,120,140	3.6	51
MV-B, MV-S, MV-AB, MV-D	65,80,90,100,110,120,140	4.5	64
MV-B, MV-S, MV-AB, MV-D	65,80,90,100,110,120,140	5.5	79
MV-B, MV-S, MV-AB, MV-D	65,80,90,100,110,120,140	6.4	91
MV-B, MV-S, MV-AB, MV-D	65,80,90,100,110,120,140	7.2	102

Last Updated on 2022-05-24

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GFGV.EX16106 - Foam Liquid Concentrates

Foam Liquid Concentrates

NEWAGE FIRE FIGHTING CO LTD

Opp Anand Tiles
Gidc Phase-1
Wadhwanacity, Gujarat 363030 India

EX16106

NEWAGE AFFF 3%, nominal 3 percent Aqueous Film Forming Foam, +35 F minimum storage and use temperature. Hydrocarbon fuels only.

NEWAGE AFFF 6%, nominal 6 percent Aqueous Film Forming Foam, +35 F minimum storage and use temperature. Hydrocarbon fuels only.

NEWAGE AFFF 1%, nominal 1 percent Aqueous Film Forming Foam, +35 F min storage and use temperature. Hydrocarbon fuels only.

NEWAGE 3% FPF, nominal 3 percent, +35 F minimum storage and use temperature. Hydrocarbon fuels only.

NEWAGE 6% FPF, nominal 6 percent, +35 F minimum storage and use temperature. Hydrocarbon fuels only.

NEWAGE 3 X 3 AR-AFFF, nominal 3 percent Alcohol Resistant Aqueous Film Forming Foam, +35 F min storage and use temperature. Hydrocarbon fuels at 3 percent. Polar solvent fuels at 3 percent.

NEWAGE 3 X 6 AR-AFFF, nominal 3 or 6 percent Alcohol Resistant Aqueous Film Forming Foam, +35 F min storage and use temperature. Hydrocarbon fuels at 3 percent. Polar solvent fuels at 6 percent.

NEWAGE ECOFOAM AFFF 3%, nominal 3 percent Aqueous Film Forming Foam, +35 F min storage and use temperature. Hydrocarbon fuels only.

NEWAGE ECOPLUS AR/AFFF 3%/3%, nominal 3 percent Alcohol Resistant Aqueous Film Forming Foam, +35 F min storage and use temperature. Hydrocarbon fuels at 3 percent. Polar solvent fuels at 3 percent.

NEWAGE 3x3 AR-FFFP 3%, nominal 3 percent Alcohol Resistant Film Forming Fluoroprotein Foam, +35 F min storage and use temperature. Hydrocarbon fuels at 3 percent. Polar solvent fuels at 3 percent.

NEWAGE 1%/3% AR-AFFF, nominal 1 or 3 percent Alcohol Resistant Aqueous Film Forming Foam, +35 F min storage and use temperature. Hydrocarbon fuels at 1 percent. Polar solvent fuels at 3 percent.

NEWAGE FFFP 3%, nominal 3 percent Film Forming Fluoroprotein Foam, +20 F min storage and use temperature. Hydrocarbon fuels only.

NEWAGE FFFP 6%, nominal 6 percent Film Forming Fluoroprotein Foam, +20 F min storage and use temperature. Hydrocarbon fuels only.

NEWAGE FREEZE PROTECT AFFF 3%, nominal 3 percent Aqueous Film Forming Foam, -20 F min storage and use temperature. Hydrocarbon fuels only.

NEWAGE 1% AFFF C6, nominal 1 percent Aqueous Film Forming Foam, +35 F min storage and use temperature. Hydrocarbon fuels only.

NEWAGE 3% AFFF C6, nominal 3 percent Aqueous Film Forming Foam, +35 F minimum storage and use temperature. Hydrocarbon fuels only.

NEWAGE 6% AFFF C6, nominal 6 percent Aqueous Film Forming Foam, +35 F minimum storage and use temperature. Hydrocarbon fuels only.

NEWAGE 1%/3% AR-AFFF C6, nominal 1 or 3 percent Alcohol Resistant Aqueous Film Forming Foam, +35 F min storage and use temperature. Hydrocarbon fuels at 1 percent. Polar solvent fuels at 3 percent.

NEWAGE ECOPLUS AR/AFFF 3%/3% C6, nominal 3 percent Alcohol Resistant Aqueous Film Forming Foam, +35 F min storage and use temperature. Hydrocarbon fuels at 3 percent. Polar solvent fuels at 3 percent.

NEWAGE 3%/6% AR-AFFF C6, nominal 3 or 6 percent Alcohol Resistant Aqueous Film Forming Foam, +35 F min storage and use temperature. Hydrocarbon fuels at 3 percent. Polar solvent fuels at 6 percent.

NEWAGE 3%/6% AR-FFFP C6, nominal 3 or 6 percent Alcohol Resistant Film Forming Fluoroprotein Foam, +35 F min storage and use temperature. Hydrocarbon fuels at 3 percent. Polar solvent fuels at 6 percent.

NEWAGE 1%/1% AR-AFFF C6, nominal 1/1 percent Alcohol Resistant Aqueous Film Forming Foam, +20 °F minimum storage and use temperature. Hydrocarbon and polar solvent fuels at 1 percent.

NEWAGE FLUORINE FREE 3%/3% AR-SYNTHETIC, nominal 3/3 percent Alcohol Resistant Synthetic Foam, +35°F minimum storage and use temperature. Hydrocarbon fuels at 3 percent, polar solvent fuels at 3 percent.

Foam concentrates for use with the following equipment.

NEWAGE AFFF 3%, 3 PERCENT

PROPORTIONERS - PORTABLE IN-LINE INDUCTORS

Angus Fire (UK), Model UNI225, 2-1/2 in. size, set at 3, inlet pressure of 149 psi with 30 m (98 ft) of 2-1/2 in. hose between inductor and Angus Fire (UK), Model F225U nozzle.

NOZZLES

Description	Size In.	Inlet Pressure psi
Angus Fire (UK), Model F225U	2-1/2	85

PROPORTIONERS - FIXED IN-LINE INDUCTORS

Description	Size In.	Orifice Diam In.	Inlet Pressure psi	Back Pressure psi
Angus, Model IND-40	1-1/2	0.13 (3.4 mm)	123	43

FIXED FOAM DISCHARGE OUTLETS

Description	Orifice Diam In.	Inlet Pressure psi
Angus, Model TPS-50MKV	0.59 (15 mm)	43

SPRINKLERS

Fuel	Style	Min Application Rate GPM/Sq Ft	Min Inlet Pressure psi
Tyco Fire, Model B1			
Hydrocarbons	Pendant	0.16	30

FOAM MONITORS

Monitor Model	Nozzle Model	Type	Monitor Inlet Pressure, psi
N K Fire Safety			
AFM-1000-750-500GPM	AFM-1000-750-500GPM at 500	Self-Inducting	100
AFM-1000-750-500GPM	AFM-1000-750-500GPM at 750	Self-Inducting	100
AFM-1000-750-500GPM	AFM-1000-750-500GPM at 1000	Self-Inducting	100

NEWAGE AFFF 6%, 6 PERCENT

PROPORTIONERS - PORTABLE IN-LINE INDUCTORS

Angus Fire (UK), Model UNI225, 2-1/2 in. size, set at 6, inlet pressure of 149 psi with 30 m (98 ft) of 2-1/2 in. hose between inductor and Angus Fire (UK), Model F225U nozzle.

NOZZLES

Description	Size In.	Inlet Pressure psi
Angus Fire (UK), Model F225U	2-1/2	85

PROPORTIONERS - FIXED IN-LINE INDUCTORS

Description	Size In.	Orifice Diam In.	Inlet Pressure psi	Back Pressure psi
Angus, Model IND-40	1-1/2	0.28 (7.0 mm)	123	43

FIXED FOAM DISCHARGE OUTLETS

Description	Orifice Diam In.	Inlet Pressure psi
Angus, Model TPS-50MKV	0.59 (15 mm)	43

SPRINKLERS

Fuel	Style	Min Application Rate GPM/Sq Ft	Min Inlet Pressure psi
Tyco Fire, Model B1			
Hydrocarbons	Pendant	0.16	30

NEWAGE AFF 1%, 1 PERCENT

PROPORTIONERS - PORTABLE IN-LINE INDUCTORS

Angus Fire (UK), Model UNI225, 2-1/2 in. size, set at 1, inlet pressure of 165 psi with 30 m (98 ft) of 2-1/2 in. hose between inductor and Angus Fire (UK), Model F225U nozzle.

NOZZLES

Description	Size In.	Inlet Pressure psi
Angus Fire (UK), Model F225U	2-1/2	85

NEWAGE 3% FPF, 3 PERCENT

PROPORTIONERS - PORTABLE IN-LINE INDUCTORS

Angus Fire (UK), Model UNI225, 2-1/2 in. size, set at 3, inlet pressure of 142 psi with 30 m (98 ft) of 2-1/2 in. hose between inductor and Angus Fire (UK), Model F225U nozzle.

NOZZLES

Description	Size In.	Inlet Pressure psi
Angus Fire (UK), Model F225U	2-1/2	77

NEWAGE 6% FPF, 6 PERCENT

PROPORTIONERS - PORTABLE IN-LINE INDUCTORS

Angus Fire (UK), Model UNI225, 2-1/2 in. size, set at 6, inlet pressure of 142 psi with 30 m (98 ft) of 2-1/2 in. hose between inductor and Angus Fire (UK), Model F225U nozzle.

NOZZLES

Description	Size In.	Inlet Pressure psi
Angus Fire (UK), Model F225U	2-1/2	85

NEWAGE 3 X 3 AR-AFF, 3 PERCENT

PROPORTIONERS - PORTABLE IN-LINE INDUCTORS

Angus Fire (UK), Model UNI225, 2-1/2 in. size, set at 3AR, inlet pressure of 162 psi with 30 m (98 ft) of 2-1/2 in. hose between inductor and Angus Fire (UK), Model F225U nozzle.

NOZZLES

Description	Size In.	Inlet Pressure psi
Angus Fire (UK), Model F225U	2-1/2	85

PROPORTIONERS - FIXED IN-LINE INDUCTORS

Description	Size In.	Orifice Diam In.	Inlet Pressure psi	Back Pressure psi
Angus, Model IND-40	1-1/2	0.19 (4.8 mm)	151	62

FIXED FOAM DISCHARGE OUTLETS

Description	Orifice Diam In.	Inlet Pressure psi
Angus, Model TPS-50MKV	0.59 (15mm)	60

Where:

Fuel	Min Application Rate GPM/Sq Ft
Alc (Alcohols)	0.361

NEWAGE 3 X 6 AR-AFFF, 3 PERCENT

PROPORTIONERS - PORTABLE IN-LINE INDUCTORS

Angus Fire (UK), Model UNI225, 2-1/2 in. size, set at 3AR, inlet pressure of 162 psi with 30 m (98 ft) of 2-1/2 in. hose between inductor and Angus Fire (UK), Model F225U nozzle.

NOZZLES

Description	Size In.	Inlet Pressure psi
Angus Fire (UK), Model F225U	2-1/2	85

NEWAGE 3 X 6 AR-AFFF, 6 PERCENT

PROPORTIONERS - FIXED IN-LINE INDUCTORS

Description	Size In.	Orifice Diam In.	Inlet Pressure psi	Back Pressure psi
Angus, Model IND-40	1-1/2	0.36 (9.1 mm)	150	62

FIXED FOAM DISCHARGE OUTLETS

Description	Orifice Diam In.	Inlet Pressure psi
Angus, Model TPS-50MKV	0.58 (14.8 mm)	60

Where:

Fuel	Min Application Rate GPM/Sq Ft
Alc (Alcohols)	0.351

NEWAGE ECOFOAM AFFF 3%

PROPORTIONERS - PORTABLE IN-LINE INDUCTORS

ANGUS FIRE LTD, Model UNI225, 2-1/2 in. size, set at 3, inlet pressure of 150 psi with 98 ft (30 m) of 2-1/2 in. hose between inductor and ANGUS FIRE LTD, Model F225U nozzle.

NOZZLES

Description	Size In.	Inlet Pressure psi
ANGUS FIRE LTD, Model F225U	2-1/2	85

PROPORTIONERS-BLADDER TANK WITH CONTROLLER

Arrow Tank & Engineering bladder tanks with the following controllers:

Description	Controller Size In.	Orifice Size In.	Flow GPM
Arrow Tank & Engineering	3	0.354	108-290

NEWAGE ECOPLUS AR/AFFF 3%/3%

PROPORTIONERS - PORTABLE IN-LINE INDUCTORS

ANGUS FIRE LTD, Model UNI225, 2-1/2 in. size, set at 3 AR, inlet pressure of 168 psi with 98 ft (30 m) of 2-1/2 in. hose between inductor and ANGUS FIRE LTD, Model F225U nozzle.

PROPORTIONERS - FIXED IN-LINE INDUCTORS

Description	Size In.	Orifice Diam In.	Inlet Pressure psi	Back Pressure psi
Angus, Model IND-40	1-1/2	0.19 (4.8 mm)	119	43

PROPORTIONERS-BLADDER TANK WITH CONTROLLER

Firetech Equipment & Systems Private Limited bladder tanks with the following controllers:

Description	Controller Size In.	Orifice Size In.	Flow GPM
Firetech Equipment & Systems Private Limited	2	0.28	141-270
	3	0.42	267-828
	4	0.52	442-1533
	6	0.82	1105-2827
	8	1.30	2801-3752

NOZZLES

Description	Orifice Diam In.	Inlet Pressure psi
ANGUS FIRE LTD, Model F225U	2-1/2	94

FIXED FOAM DISCHARGE OUTLETS

Description	Orifice Diam In.	Inlet Pressure psi
Angus, Model TPS-50MKV	0.59 (15 mm)	43

Where:

Fuel	Min Application Rate GPM/Sq Ft
Alc (Alcohols)	0.17
Methyl Alcohol	0.10
Ethyl Alcohol	0.10

SPRINKLER

Fuel	Style	Min Application Rate GPM/Sq Ft	Min Inlet Pressure psi
Tyco Fire , SIN TY3151, K-Factor 5.6 (1/2)			
Hydrocarbons	Upright	0.16	7
Alc (Alcohols)	Upright	0.16	7

FOAM WATER SPRINKLERS

Tyco Fire Products Model B1 pendent style, 30 psi minimum pressure, hydrocarbons and Alc (Alcohols).

NEWAGE 3%/3% AR-FFP, 3 PERCENT

PROPORTIONERS - PORTABLE IN-LINE INDUCTORS

ANGUS FIRE LTD, Model UNI225, 2-1/2 in. size, set at 3 AR, inlet pressure of 168 psi with 98 ft (30 m) of 2-1/2 in. hose between inductor and ANGUS FIRE LTD, Model F225U nozzle.

PROPORTIONERS - FIXED IN-LINE INDUCTORS

Description	Size In.	Orifice Diam In.	Inlet Pressure psi	Back Pressure psi
Angus, Model IND-40	1-1/2	0.19 (4.8 mm)	119	43

NOZZLES

Description	Size In.	Inlet Pressure psi
ANGUS FIRE LTD, Model F225U	2-1/2	91

FIXED FOAM DISCHARGE OUTLETS

Description	Orifice Diam In.	Inlet Pressure psi
Angus, Model TPS-50MKV	0.59 (15 mm)	43

Where:

Fuel	Min Application Rate GPM/Sq Ft
Alc (Alcohols)	0.18

NEWAGE 1%/3% AR-AFFF, 1 PERCENT

PROPORTIONERS - PORTABLE IN-LINE INDUCTORS

ANGUS FIRE LTD, Model UNI225, 2-1/2 in. size, set at 1, inlet pressure of 162 psi with 98 ft (30 m) of 2-1/2 in. hose between inductor and ANGUS FIRE LTD, Model F225U nozzle.

NOZZLES

Description	Size In.	Inlet Pressure psi
ANGUS FIRE LTD, Model F225U	2-1/2	85

NEWAGE 1%/3% AR-AFFF, 3 PERCENT

PROPORTIONERS - FIXED IN-LINE INDUCTORS

Description	Size In.	Orifice Diam In.	Inlet Pressure psi	Back Pressure psi
Angus, Model IND-40	1-1/2	0.19 (4.8 mm)	145	43

FIXED FOAM DISCHARGE OUTLETS

Description	Orifice Diam In.	Inlet Pressure psi
Angus, Model TPS-50MKV	0.59 (15 mm)	43

Where:

Fuel	Min Application Rate, gpm/ft²
Alc (Alcohols)	0.16

NEWAGE FFFP 3%, 3 PERCENT

PROPORTIONERS - PORTABLE IN-LINE INDUCTORS

ANGUS FIRE LTD, Model UNI225, 2-1/2 in. size, set at 3, inlet pressure of 162 psi with 100 ft of 2-1/2 in. hose between inductor and ANGUS FIRE LTD, Model F225U nozzle.

NOZZLES

Description	Size In.	Inlet Pressure psi
ANGUS FIRE LTD, Model F225U	2-1/2	88

FOAM MONITORS

Monitor Model	Nozzle Model	Type	Nozzle Inlet Pressure psi	Solution Flow, gpm
VIMAL FIRE CONTROLS PVT LTD, SHOOTFIRE-10500 B	VIMAL FIRE CONTROLS PVT LTD, AQUA FOAM NOZZLE-10500 3P	JRCP SF 2000	100	10500

NEWAGE FFFP 6%, 6 PERCENT

PROPORTIONERS - PORTABLE IN-LINE INDUCTORS

ANGUS FIRE LTD, Model UNI225, 2-1/2 in. size, set at 3, inlet pressure of 10.6 kg/cm² with 100 ft of 2-1/2 in. hose between inductor and ANGUS FIRE LTD, Model F225U nozzle.

NOZZLES

Description	Size In.	Inlet Pressure psi
ANGUS FIRE LTD, Model F225U	2-1/2	85

NEWAGE FREEZE PROTECT AFFF 3%, 3 PERCENT

PROPORTIONERS - PORTABLE IN-LINE INDUCTORS

ANGUS FIRE LTD, Model UNI225, 2-1/2 in. size, set at 3, inlet pressure of 10.6 kg/cm² with 100 ft of 2-1/2 in. hose between inductor and ANGUS FIRE LTD, Model F225U nozzle.

NOZZLES

Description	Size In.	Inlet Pressure psi
ANGUS FIRE LTD, Model F225U	2-1/2	85

NEWAGE 1% AFFF C6, 1 Percent

PROPORTIONERS - PORTABLE IN-LINE INDUCTORS

ANGUS FIRE LTD, Model UNI225, 2-1/2 in. size, set at 1, inlet pressure of 156 psi with 98 ft(30 m) of 2-1/2 in. hose between inductor and ANGUS FIRE LTD, Model F225U nozzle.

ANGUS FIRE LTD, Model UNI225, 2-1/2 in. size, set at 1, inlet pressure of 165 psi with 98 ft(30m) of 2-1/2 in. hose between inductor and ANGUS FIRE LTD, Model F225U nozzle.

PROPORTIONERS-BLADDER TANK WITH CONTROLLERS

Description	Controller Size, inch	Orifice Size, inch	Flow, GPM
FIRETECH EQUIPMENT & SYSTEMS PVT LTD, BTFP	2	0.15	28-238
	3	0.23	100-972
	4	0.33	112-1604
	6	0.49	316-3197
	8	0.80	901-3379

NOZZLES

Description	Nozzle Setting	Size In	Inlet Pressure, psi
ANGUS FIRE LTD, Model F225U	—	2-1/2	85
Newage Fire Fighting Co Ltd, NewAge FB-V-225-S	1%	2	100
Newage Fire Fighting Co Ltd, NewAge FB-V-450-S	1%	2	100
Newage Fire Fighting Co Ltd, NewAge FB-V-225-A	1%	2	100
Newage Fire Fighting Co Ltd, NewAge FB-V-450-A	1%	2	100

FOAM MONITORS

Monitor Model	Nozzle Model	Type	Nozzle Inlet Pressure, psi	Solution Flow, gpm
VIMAL FIRE CONTROLS PVT LTD, SHOOTFIRE-10500	VIMAL FIRE CONTROLS PVT LTD, AQUA FOAM NOZZLE-10500	Self-Inducting	100	10500

NEWAGE 3% AFFF C6, 3 Percent

PROPORTIONERS - PORTABLE IN-LINE INDUCTORS

ANGUS FIRE LTD, Model UNI225, 2-1/2 in. size, set at 3, inlet pressure of 149 psi with 98 ft(30) of 2-1/2 in. hose between inductor and ANGUS FIRE LTD Model F225U nozzle.

ANGUS FIRE LTD, Model UNI225, 2-1/2 in. size, set at 3, inlet pressure of 156 psi with 98 ft(30m) of 2-1/2 in. hose between inductor and ANGUS FIRE LTD Model F225U nozzle.

NEWAGE FIRE FIGHTING CO LTD, Model NewAge-ILI-225-F, 2 in. size, with a 0.14 in.(3.56 mm) diameter fixed orifice, inductor inlet pressure of 100 psi with 50ft of 2-1/2 in. hose between inductor and NEWAGE FIRE FIGHTING CO LTD, Model NewAge-FB-225 nozzle.

NEWAGE FIRE FIGHTING CO LTD, Model NewAge-ILI-450-F, 2 in. size, with a 0.21 in.(5.47 mm) diameter fixed orifice, inductor inlet of 100 psi with 50ft of 2-1/2 in. hose between inductor and NEWAGE FIRE FIGHTING CO LTD, Model NewAge-FB-450 nozzle.

PROPORTIONERS - FIXED IN-LINE INDUCTORS

Description	Size In	Orifice Diam In.	Inlet Pressure psi	Back Pressure psi
Angus, Model IND-40	1-1/2	0.13 (3.4 mm)	123	43

PROPORTIONERS-BLADDER TANK WITH CONTROLLER

Description	Controller Size In.	Orifice Size In.	Flow GPM
Firetech Equipment & Systems Private Limited	2	0.28	21 - 264
	3	0.42	56 - 802
	4	0.52	114 - 1623
	6	0.82	267 - 2930
	8	1.30	872 - 3826

PROPORTIONERS-BALANCED PRESSURE VALVES WITH CONTROLLERS

Model	Controller Size, in.	Orifice Size, in.	Flow, gpm
FIRETECH EQUIPMENT & SYSTEMS PVT LTD, Model ILBP-65	2-1/2 (65 mm)	0.29 (7.5 mm)	87-534
FIRETECH EQUIPMENT & SYSTEMS PVT LTD, Model ILBP-80	3 (80 mm)	0.43 (11.0 mm)	153-854
FIRETECH EQUIPMENT & SYSTEMS PVT LTD, Model ILBP-100	4 (100 mm)	0.62 (15.9 mm)	417-2039
FIRETECH EQUIPMENT & SYSTEMS PVT LTD, Model ILBP-150	6 (150 mm)	0.74 (19.0 mm)	674-2837
NEWAGE FIRE FIGHTING CO LTD, NFF-RCW-S-50, NFF-RCW-B-50.	2(50mm)	0.16 (4.3mm)	34-284
NEWAGE FIRE FIGHTING CO LTD, NFF-RCW-S-80, NFF-RCW-B-80.	3(80mm)	0.33 (8.4mm)	132-818
NEWAGE FIRE FIGHTING CO LTD, NFF-RCW-S-100, NFF-RCW-B-100.	4(100mm)	0.47 (12.1mm)	267-1752
NEWAGE FIRE FIGHTING CO LTD, NFF-RCW-S-150, NFF-RCW-B-150.	6(150mm)	0.69 (17.7mm)	448-3525
NEWAGE FIRE FIGHTING CO LTD, NFF-RCW-S-200, NFF-RCW-B-200.	8(200mm)	0.93 (23.7mm)	823-4684

NOZZLES

Description	Nozzle Settings	Size In.	Inlet Pressure psi
ANGUS FIRE LTD Model F225U	—	2-1/2	85
NEWAGE FIRE FIGHTING CO LTD , NewAge-FB-225	—	2	38
NEWAGE FIRE FIGHTING CO LTD , NewAge-FB-450	—	2-1/2	50
Newage Fire Fighting Co Ltd, NewAge FB-V-225-S	3%	2	100
Newage Fire Fighting Co Ltd, NewAge FB-V-450-S	3%	2	100
Newage Fire Fighting Co Ltd, NewAge FB-F-225-S	—	2	100
Newage Fire Fighting Co Ltd, NewAge FB-F-450-S	—	2	100
Newage Fire Fighting Co Ltd, NewAge FB-V-225-A	3%	2	100
Newage Fire Fighting Co Ltd, NewAge FB-V-450-A	3%	2	100
Newage Fire Fighting Co Ltd, NewAge FB-F-225-A	—	2	100
Newage Fire Fighting Co Ltd, NewAge FB-F-450-A	—	2	100

FIXED FOAM DISCHARGE OUTLETS

Description	Orifice Diam In.	Inlet Pressure psi
Angus, Model TPS-50MKV	0.59 (15mm)	43
Firetech Equipment & Systems Private Ltd. Model FCA, FCA-S	0.40 - 0.55	30-40
Firetech Equipment & Systems Private Ltd. Model FCA, FCA-S	0.40 - 0.70	40-100
Firetech Equipment & Systems Private Ltd. Model FCB, FCB-S	0.70 - 0.98	30-100
Firetech Equipment & Systems Private Ltd. Model FCC, FCC-S	0.98 - 1.38	30-100
Firetech Equipment & Systems Private Ltd. Model FCD, FCD-S	1.38 - 1.92	30-100

Firetech Equipment & Systems Private Ltd. Model FMA with discharge device FPA, FMA-S with discharge device FPA-S	0.40 - 0.70	30-100
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FIXED FOAM DISCHARGE OUTLETS

Description	Orifice Diam In.	Inlet Pressure psi
Firetech Equipment & Systems Private Ltd. Model FMB with discharge device FPB, FMB-S with discharge device FPB-S	0.70 - 0.98	30-100
Firetech Equipment & Systems Private Ltd. Model with discharge device FPC, FMC-S with discharge device FPC-S	0.98 - 1.38	30-100

FOAM WATER SPRINKLERS

Fuel	Style	Min Application Rate GPM/Sq Ft	Min Inlet Pressure psi
Tyco Fire , Model B1			
Hydrocarbons	Pendant	0.16	30

FOAM MONITORS

Monitor Model	Nozzle Model	Type	Monitor Inlet Pressure, psi
Newage Fire Fighting Co Ltd			
NewAge-AFM-1000-750-500GPM	NewAge-AFM-1000-750-500GPM at 500	Self- Inducting	100
NewAge-AFM-1000-750-500GPM	NewAge-AFM-1000-750-500GPM at 750	Self- Inducting	100
NewAge-AFM-1000-750-500GPM	NewAge-AFM-1000-750-500GPM at 1000	Self- Inducting	100
NewAge-AFM-1000-750-500GPM	NewAge-AFN-1000-750-500GPM at 500	With JRCP Model JRCP-1000-750-500GPM	100
NewAge-AFM-1000-750-500GPM	NewAge-AFN-1000-750-500GPM at 750	With JRCP Model JRCP-1000-750-500GPM	100
NewAge-AFM-1000-750-500GPM	NewAge-AFN-1000-750-500GPM at 1000	With JRCP Model JRCP-1000-750-500GPM	100
NewAge-AFM-2000-1500-1000GPM	NewAge-AFN-2000-1500-1000GPM at 1000	Self-Inducting	100
NewAge-AFM-2000-1500-1000GPM	NewAge-AFN-2000-1500-1000GPM at 1500	Self-Inducting	100
NewAge-AFM-2000-1500-1000GPM	NewAge-AFN-2000-1500-1000GPM at 2000	Self-Inducting	100
NewAge-AFM-2000-1500-1000GPM	NewAge-AFN-2000-1500-1000GPM at 1000	With JRCP Model JRCP-2000-1500-1000GPM	100
NewAge-AFM-2000-1500-1000GPM	NewAge-AFN-2000-1500-1000GPM at 1500	With JRCP Model JRCP-2000-1500-1000GPM	100

NewAge-AFM-2000-1500-1000GPM	NewAge-AFN-2000-1500-1000GPM at 2000	With JRCP Model JRCP-2000-1500-1000GPM	100
NewAge-AFM-4000-3000-2000 GPM	NewAge-AFN-4000-3000-2000 GPM at 2000	(With JRCP Model JRCP-2000-1500 GPM)	100
NewAge-AFM-4000-3000-2000 GPM	NewAge-AFN-4000-3000-2000 GPM at 3000	(With JRCP Model JRCP-2000-1500 GPM)	100
NewAge-AFM-4000-3000-2000 GPM	NewAge-AFN-4000-3000-2000 GPM at 4000	(With JRCP Model JRCP-2000-1500 PM)	100
NewAge-AFM-GT-750 GPM	NewAge-AFN-750 GPM	Self-Inducting	100
NewAge-AFM-MI-750-GPM	NewAge-AFN-750 GPM	Self-Inducting	100
NewAge-AFM-GT-750-500 GPM	NewAge-AFN-750-500 GPM at 750	Self-Inducting	100
NewAge-AFM-GT-750-500 GPM	NewAge-AFN-750-500 GPM at 750	With JRCP model JRCP-750-500 GPM	100
NewAge-AFM-GT-750-500 GPM	NewAge-AFN-750-500 GPM at 500	With JRCP model JRCP-750-500 GPM	100
NewAge-AFM-GT-500 GPM	NewAge-AFN-500 GPM	Self-Inducting	100
NewAge-NEWAGE-AFM-MT-1000 GPM	NewAge-AFN-1000 GPM	Self-Inducting	100
NewAge-NEWAGE-AFM-MT-1000 GPM	NewAge-AFN-1000 GPM	With JRCP model JRCP-1000 GPM	100
NewAge-AFM-MT-750 GPM	NewAge-AFN-750 GPM	Self-Inducting	100
NewAge-AFM-2000	NewAge-AFN-2000	With JRCP model NewAge-JRCP-2000	100
NewAge-AFM-2000	NewAge-AFN-2000	Self-Inducting	100
Shah Bhogilal Jethilal & Bros			
AAAG FM 500	500 GPM	Self-Inducting	100
Elkhart Brass Mfg Co Inc			
Spit Fire - Model 8394-022	CSW-LB F3.5 set at 500 gpm	Self-Inducting	100
Spit Fire - Model 8394-022	CSW-LB F3.5 set at 750 gpm	Self-Inducting	100
Spit Fire - Model 8394-022	CSW-LB F3.5 JP1.5 set at 500 gpm	JRCP type proportioner induction	100
Spit Fire - Model 8394-022	CSW-LB F3.5 JP1.5 set at 750 gpm	JRCP type proportioner induction	100
Spit Fire - Model 8394-062	CSW-LB F4.0 set at 500 gpm	Self-Inducting	100
Spit Fire - Model 8394-062	CSW-LB F4.0 set at 750 gpm	Self-Inducting	100
Spit Fire - Model 8394-062	CSW-LB F4.0 set at 1000 gpm	Self-Inducting	100
Spit Fire - Model 8394-062	CSW-LB F4.0 JP1.5 set at 500 gpm	JRCP type proportioner induction	100
Spit Fire - Model 8394-062	CSW-LB F4.0 JP1.5 set at 750 gpm	JRCP type proportioner induction	100
Spit Fire - Model 8394-062	CSW-LB F4.0 JP1.5 set at 750 gpm	JRCP type proportioner induction	100
Spit Fire - Model 8394-062	CSW-LB F4.0 JP1.5 set at 1000 gpm	JRCP type proportioner induction	100
Spit Fire - Model 8394-066	CSW-LB F4.0 set at 500 gpm	Self-Inducting	100
Spit Fire - Model 8394-066	CSW-LB F4.0 set at 750 gpm	Self-Inducting	100

Spit Fire - Model 8394-066	CSW-LB F4.0 set at 1000 gpm	Self-Inducting	100
Spit Fire - Model 8394-066	CSW-LB F4.0 JP1.5 set at 500 gpm	JRCP type proportioner induction	100
Spit Fire - Model 8394-066	CSW-LB F4.0 JP1.5 set at 750 gpm	JRCP type proportioner induction	100
Spit Fire - Model 8394-066	CSW-LB F4.0 JP1.5 set at 1000 gpm	JRCP type proportioner induction	100
FIRETECH EQUIPMENT & SYSTEMS PRIVATE LTD			
HFLR-FM-150	AFM-VF-150 Set at 1000	B, C(JRC-VF-65)	100
HFLR-FM-150	AFM-VF-150 Set at 1500	B, C(JRC-VF-65)	100
HFLR-FM-150	AFM-VF-150 Set at 2000	B, C(JRC-VF-65)	100
Shootfire-500-750-1000	Aqua Foam Nozzle-O-500-750-1000	B,C (With JRCP 500-750-1000)	100
Shootfire-500-750-1000	Aqua Foam Nozzle-O-500-750-1000	B,C (With JRCP 500-750-1000)	100
Shootfire-500-750-1000	Aqua Foam Nozzle-O-500-750-1000	B,C (With JRCP 500-750-1000)	100
Shootfire-1000-1500-2000	Aqua Foam Nozzle-O-1000-1500-2000	B,C (With JRCP 1000-1500-2000)	100
Shootfire-1000-1500-2000	Aqua Foam Nozzle-O-1000-1500-2000	B,C (With JRCP 1000-1500-2000)	100
Shootfire-1000-1500-2000	Aqua Foam Nozzle-O-1000-1500-2000	B,C (With JRCP 1000-1500-2000)	100
Shootfire-2000-3000-4000	Aqua Foam Nozzle-O-2000-3000-4000	B,C (With JRCP 1000-1500-2000)	100
Shootfire-2000-3000-4000	Aqua Foam Nozzle-O-2000-3000-4000	B,C (With JRCP 1000-1500-2000)	100
Shootfire-2000-3000-4000	Aqua Foam Nozzle-O-2000-3000-4000	B,C (With JRCP 1000-1500-2000)	100
Shootfire-2000-4000-6000	Aqua Foam Nozzle-O-2000-4000-6000	B,C (With JRCP 1000-2000)	100
Shootfire-2000-4000-6000	Aqua Foam Nozzle-O-2000-4000-6000	B,C (With JRCP 1000-2000)	100
Shootfire-2000-4000-6000	Aqua Foam Nozzle-O-2000-4000-6000	B,C (With JRCP 1000-2000)	100
Shootfire-250-500-750 AL	Aqua Foam Nozzle-250-500-750	B,C	100
Shootfire-250-500-750 AL	Aqua Foam Nozzle-250-500-750	B,C	100
Shootfire-250-500-750 AL	Aqua Foam Nozzle-250-500-750	B,C	100
Shootfire-1000-1500-2000 SELF	Aqua Foam Nozzle-1000-1500-2000	B,C	100
Shootfire-1000-1500-2000 SELF	Aqua Foam Nozzle-1000-1500-2000	B,C	100
Shootfire-1000-1500-2000 SELF	Aqua Foam Nozzle-1000-1500-2000	B,C	100

A - Oscillating, B -Nonoscillating, C -Self-inducting, D -Nonself-inducting

FIXED FOAM SPRAY NOZZLES

Model	Fuel	Discharge Angle, Degree	Discharge Coefficient, K	Min. Design Application density, gpm/ft ²	Min Inlet Pressure, psi
F226	Hydrocarbons	140	2.9 (43)	0.25	25
F226	Hydrocarbons	140	5.5 (79)	0.27	10

NEWAGE 6% AFFF C6, 6 Percent

PROPORTIONERS - PORTABLE IN-LINE INDUCTORS

ANGUS FIRE LTD, Model UNI225, 2-1/2 in. size, set at 6, inlet pressure of 149 psi with 98 ft(30m) of 2-1/2 in. hose between inductor and ANGUS FIRE LTD, Model F225U nozzle

ANGUS FIRE LTD, Model UNI225, 2-1/2 in. size, set at 6, inlet pressure of 156 psi with 98 ft(30m) of 2-1/2 in. hose between inductor and ANGUS FIRE LTD, Model F225U nozzle

PROPORTIONERS - FIXED IN-LINE INDUCTORS

Description	Size In.	Orifice Diam In.	Inlet Pressure psi	Back Pressure psi
Angus, Model IND-40	1-1/2	0.28 (7.0 mm)	123	43

NOZZLES

Description	Size, In.	Inlet Pressure, psi
ANGUS FIRE LTD, Model FF225U	2-1/2	85

FIXED FOAM DISCHARGE OUTLETS

Description	Orifice Diam In.	Inlet Pressure psi
Angus, Model TPS-50MKV	0.59 (15 mm)	43

FOAM WATER SPRINKLERS

Tyco Fire Products Model B1 pendent style, 30 psi minimum pressure, hydrocarbons.

NEWAGE 1%/3% AR-AFFF C6, 1 PERCENT

PROPORTIONERS - PORTABLE IN-LINE INDUCTORS

Angus Fire Ltd, Model UNI225, 2-1/2 in. size, set at 1, inlet pressure of 156 psi with 98.45 ft(30m) of 2-1/2 in. hose between inductor and Angus Fire Ltd, Model F225U nozzle.

NOZZLES

Description	Size In.	Inlet Pressure psi
Angus Fire Ltd, Model F225U	2-1/2	85

NEWAGE 1%/3% AR-AFFF C6, 3 PERCENT

PROPORTIONERS - FIXED IN-LINE INDUCTORS

Description	Size In.	Orifice Diam In.	Inlet Pressure psi	Back Pressure psi
Angus, Model IND-40	1-1/2	0.19	125	42

FIXED FOAM DISCHARGE OUTLETS

Description	Orifice Diam In.	Inlet Pressure psi
Angus, Model TPS-50MKV	0.59 (15 mm)	43

Where:

Fuel	Min Application Rate, gpm/ft ²
Alc (Alcohols)	0.10

NEWAGE ECOPLUS AR/AFFF 3%/3% C6

PROPORTIONERS - PORTABLE IN-LINE INDUCTORS

Angus Fire, Model UNI225, 2-1/2 in. size, set at 3AR, inlet pressure of 156 psi with 98 ft(30m) of 2-1/2 in. hose between inductor and Angus Fire, Model F225U nozzle.

Angus Fire, Model 225U, 2-1/2 in. size, set at 3AR, inlet pressure of 168 psi with 98 ft(30m) of 2-1/2 in. hose between inductor and Angus Fire, Model F225U nozzle.

PROPORTIONERS - FIXED IN-LINE INDUCTORS

Description	Size In.	Orifice Diam In.	Inlet Pressure psi	Back Pressure psi
Angus, Model IND-40	1-1/2	0.19 (4.8 mm)	119	43
Angus, Model IND-40	1-1/2	0.19 (5mm)	125	42

PROPORTIONERS-BLADDER TANK WITH CONTROLLER

Firetech Equipment & Systems Private Limited bladder tanks with the following controllers:

Description	Controller Size In.	Orifice Size In.	Flow GPM
Firetech Equipment & Systems Private Limited	2	0.28	141-270
	3	0.42	267-828
	4	0.52	442-1533
	6	0.82	1105-2827
	8	1.30	2801-3752

NOZZLES

Description	Size In.	Inlet Pressure psi
Angus Fire (UK), Model F225U	2-1/2	94

Angus Fire (UK), Model F225U	2-1/2	85
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FIXED FOAM DISCHARGE OUTLETS

Description	Orifice Diam In.	Inlet Pressure psi
Angus, Model TPS-50MKV	0.59 (15 mm)	43

Where:

Fuel	Min Application Rate GPM/Sq Ft
Alc (Alcohols)	0.10
Methyl Alcohol	0.10
Ethyl Alcohol	0.10

Fixed Foam Discharge Outlets

Description	Fuel	Orifice Diameter Range, in.	Inlet Pressure Range, psi
Firetech, Model-FCA, FCA-S	Alc (Alcohols)	0.40 – 0.55	30 - 40
Firetech, Model-FCA, FCA-S	Alc (Alcohols)	0.40 - 0.70	40 - 100
Firetech, Model-FCB, FCB-S	Alc (Alcohols)	0.70 - 0.98	30 - 100
Firetech, Model-FCC, FCC-S	Alc (Alcohols)	0.98 - 1.38	30 - 100
Firetech, Model-FCD, FCD-S	Alc (Alcohols)	1.38 - 1.92	30 - 100
Firetech, Model-FMA, FMA-S	Alc (Alcohols)	0.40 - 0.70	30 - 100
Firetech, Model-FMB, FMB-S	Alc (Alcohols)	0.70 - 0.98	30 - 100
Firetech, Model-FMC, FMC-S	Alc (Alcohols)	0.98 - 1.38	30 - 100

Where:

Fuel	Min Application Rate GPM/Sq Ft
Alc (Alcohols)	0.10

SPRINKLER

Fuel	Style	Min Application Rate GPM/Sq Ft	Min Inlet Pressure psi
Tyco Fire , SIN TY3151, K-Factor 5.6 (1/2)			
Hydrocarbons	Upright	0.16	7
Alc (Alcohols)	Upright	0.16	7

FOAM WATER SPRINKLERS

Tyco Fire Products Model B1 pendent style, 30 psi minimum pressure, hydrocarbons and ALc(Alcohols).

FIXED FOAM SPRAY NOZZLES

Model	Fuel	Discharge Angle, Degree	Discharge Coefficient, K	Min. Design Application density, gpm/ft ²	Min Inlet Pressure, psi
F226	Hydrocarbons	140	2.9 (43)	0.27	35
F226	Alcohol	140	2.9 (43)	0.27	35
F226	Hydrocarbons	140	5.5 (79)	0.27	10
F226	Alcohol	140	5.5 (79)	0.27	10

NEWAGE 3%/6% AR-AFFF C6, 3 PERCENT

PROPORTIONERS - PORTABLE IN-LINE INDUCTORS

Angus Fire (UK), Model UNI-225, 2-1/2 in. size, set at 3AR, inlet pressure of 156 psi with 30 m of 2-1/2 in. hose between inductor and Angus Fire (UK), Model F225U nozzle.

Angus Fire Ltd, Model UNI-225, 2-1/2 in. size, set at 3AR, inlet pressure of 156 psi with 30 m of 2-1/2 in. hose between inductor and Angus Fire (UK), Model F225U nozzle.

NOZZLES

Description	Size In.	Inlet Pressure psi
Angus Fire (UK), Model F225U	2-1/2	85

NEWAGE 3%/6% AR-AFFF C6, 6 PERCENT

PROPORTIONERS - FIXED IN-LINE INDUCTORS

Description	Size In.	Orifice Diameter In.	Inlet Pressure	Back Pressure psi
Angus, Model IND-40	1-1/2	0.286	125	43
Angus, Model IND-40	1-1/2	0.308	160	64
Angus, Model IND-40	1-1/2	0.293	149	94

FIXED FOAM DISCHARGE OUTLETS

Description	Orifice Diam In.	Inlet Pressure psi
Angus, Model TPS-50MKV	0.590	43
Angus, Model TPS-50MKV	0.619	56
FIRETECH EQUIPMENT & SYSTEMS PRIVATE LTD. Model FCA , FCA-S	0.472	85

Where:

Fuel	Min Application Rate, gpm/ft ²
Alc (Alcohols)	0.10

NEWAGE 3%/6% AR-FFFP C6, 3 PERCENT

PROPORTIONERS - PORTABLE IN-LINE INDUCTORS

ANGUS FIRE LTD, Model UNI225, 2-1/2 in. size, set at 3AR, inlet pressure of 160 psi with 98 ft (30 m) of 2-1/2 in. hose between inductor and ANGUS FIRE LTD, Model F225U nozzle.

NOZZLES

Description	Size In.	Inlet Pressure, psi
ANGUS FIRE LTD, Model F225U	2-1/2	87

NEWAGE 3%/6% AR-FFFP C6, 6 PERCENT

PROPORTIONERS - FIXED IN-LINE INDUCTORS

Description	Size In.	Orifice Diam In.	Inlet Pressure, psi	Back Pressure, psi
Angus, Model IND-40	1-1/2	0.28 (7.20 mm)	142	46

FIXED FOAM DISCHARGE OUTLETS

Description	Orifice Diam In.	Inlet Pressure, psi
Angus, Model TPS-50 MKV	0.59 (15 mm)	43

Where:

Fuel	Min Application Rate GPM/Sq Ft
Alc (Alcohols)	0.10

NEWAGE 1%/1% AR-AFFF C6, 1 Percent

PROPORTIONERS - PORTABLE IN-LINE INDUCTORS

Angus Fire Ltd, Model UNI225, 2-1/2 in. size, set at 1 AR, inlet pressure of 153.7 psi with 98ft(30mtr)of 2-1/2 in. hose between inductor and ANGUS FIRE LTD, Model F225U nozzle.

NOZZLES

Description	Size In.	Inlet Pressure, psi
Angus Fire Ltd, Model F225U	2-1/2	87

PROPORTIONERS - FIXED IN-LINE INDUCTORS

Description	Size, in	Orifice Diam, in	Inlet Pressure, psi	Back Pressure, psi
Ansul, Model PL-60	1-1/2	0.137(3.5mm)	145	52

FIXED FOAM DISCHARGE OUTLETS

Description	Orifice Diam, in.	Inlet Pressure, psi
Angus, Model TPS-50MKV	0.6(15.4mm)	44

Where,

Fuel	Min. Application Rate, gpm/ft ²
Alc (Alcohols)	0.15

FOAM WATER SPRINKLERS

Tyco Fire Products Model B1 pendent style, 30 psi minimum pressure, hydrocarbons.

NEWAGE FLUORINE FREE 3%/3% AR-SYNTHETIC, 3 Percent

PROPORTIONERS - PORTABLE IN-LINE INDUCTORS

ANGUS FIRE LTD, Model UNI225, 2-1/2 in. size, set at 3AR, inlet pressure of 153.7 psi with 98ft(30mtr)of 2-1/2 in. hose between inductor and ANGUS FIRE LTD, Model F225U nozzle.

NOZZLES

Description	Size In.	Inlet Pressure, psi
Angus Fire Ltd, Model F225U	2-1/2	87

PROPORTIONERS - FIXED IN-LINE INDUCTORS

Description	Size, in	Orifice Diam, in	Inlet Pressure, psi	Back Pressure, psi
Angus, Model IND-40	1-1/2	0.2 (5.2 mm)	145	52

FIXED FOAM DISCHARGE OUTLETS

Description	Orifice Diam, in.	Inlet Pressure, psi
Angus, Model TPS-50MKV	0.6(15.4mm)	44

Where,

Fuel	Min. Application Rate, gpm/ft ²
Alc (Alcohols)	0.15

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VPLX.EX26988 Valves, Alarm

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Valves, Alarm

[See General Information for Valves, Alarm](#)**NEWAGE FIRE FIGHTING CO LTD**

EX26988

Plot 93 / 94 Lms Compound

Gidc Phase 1

Wadhwan, Surendrangr, 363030 INDIA

Model NEWAGE-AV-4, NEWAGE-AV-6 in. size alarm valves with flanged ends used with Model NEWAGE-AV retarding chamber and Model NEWAGE-AV water motor gong in vertical position.

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**VTSR.EX26987
Hose Valves**[Page Bottom](#)

Hose Valves[See General Information for Hose Valves](#)**NEWAGE FIRE FIGHTING CO LTD**

EX26987

Plot 93 / 94 Lms Compound

Gidc Phase 1

Wadhwan, Surendrangr, 363030 INDIA

Angle types, 1-1/2 in., with female/female and female/male ends for 300 psi working pressure, Model(s) NEWAGE 38**Angle types, 2-1/2 in., with female/female and female/male ends for 300 psi working pressure,** Model(s) NEWAGE 65[Last Updated](#) on 2016-04-11

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HLXS.EX27378 Butterfly Valves

[Page Bottom](#)

Butterfly Valves

[See General Information for Butterfly Valves](#)

NEWAGE FIRE FIGHTING CO LTD

EX27378

Plot 93 / 94 Lms Compound

Gidc Phase 1

Wadhwan, Surendrangr, 363030 INDIA

Model	Size, NPS	Body Type	Pressure Rating, psig (Bar)	Indicator Post	Supervisory Switch*
Butterfly valve					
NEWAGE-BVG	2, 2.5(76.1mm), 2.5, 3, 4, 5, 5 (139.7 mm), 6, 6 (165.1 mm)	Groove	300	—	I/O
	8, 8 (216.3 mm), 10, 10 (267.4 mm)			—	I/O
	12, 12 (318.4 mm)			—	I/O
NEWAGE-BVW	2, 2.5, 3, 4, 5, 6	Wafer	300	—	I/O
	8, 10			—	I/O
	12			—	I/O

* I = Indoor installation; O = Outdoor installation

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HMRZ.EX27379 Gate Valves

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Gate Valves

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NEWAGE FIRE FIGHTING CO LTD

EX27379

Plot 93 / 94 Lms Compound

Gidc Phase 1

Wadhwan, Surendrangr, 363030 INDIA

Model	Type	Size, in.	Rated Pressure, psig	Rated Pressure, psig End Configuration
NI-GVO-300FF	O.S&Y	2.5,3,4,5,6,8,10,12	300	Flange & Flange
NI-GVN-300FF	NRS	2.5,3,4,5,6,8,10,12	300	Flange & Flange
NI-GVO-200FF	O.S&Y	2,2.5,3,4,5,6,8,10,12	200	Flange & Flange
NI-GVO-200FG				Flange & Grooved
NI-GVO-200GG				Grooved & Grooved
NI-GVN-200FF	NRS	2.5,3,4,5,6,8,10,12	200	Flange & Flange
NI-GVN-200FG				Flange & Grooved
NI-GVN-200GG				Grooved & Grooved

Note: O.S&Y, outside-screw-and-yoke type NRS, nonrising stem type.

Flanges comply with ANSI B16.1 Class 125; for 300 psi, use Face flange, for 200 psi, use Raised-face flange.

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VENF.EX26900 - Flexible Sprinkler Hose with Fittings

Flexible Sprinkler Hose with Fittings

NEWAGE FIRE FIGHTING CO LTD
 Plot 93 / 94 Lms Compound
 Gidc Phase 1
 Wadhwan, Surendrangr, Gujarat 363030 India

EX26900

Model	Rated Pressure, psig	Max Ambient Temp, °F	Nom Inlet by Outlet Size, in.	Assembly Length, ft (mm)	Max No. of 90° Bends	Min Bend Radius, in.	Equivalent Length of 1 in. Schedule 40 Steel Pipe (C = 120), ft	Flexibility Type
NEWAGE (700UB), unbraided	200	225	1x1/2	2.3 (700)	2	4	32	Limited
NEWAGE (1000UB), unbraided	200	225	1x1/2	3.3 (1000)	3	4	55	Limited
NEWAGE (1200UB), unbraided	200	225	1x1/2	3.9 (1200)	3	4	64	Limited
NEWAGE (1500UB), unbraided	200	225	1x1/2	4.9 (1500)	3	4	75	Limited
NEWAGE (1800UB), unbraided	200	225	1x1/2	5.9 (1800)	3	4	81	Limited
NEWAGE (700UB), unbraided	200	225	1x3/4	2.3 (700)	2	4	31	Limited
NEWAGE (1000UB), unbraided	200	225	1x3/4	3.3 (1000)	3	4	50	Limited
NEWAGE (1200UB), unbraided	200	225	1x3/4	3.9 (1200)	3	4	57	Limited
NEWAGE (1500UB), unbraided	200	225	1x3/4	4.9 (1500)	3	4	68	Limited
NEWAGE (1800UB), unbraided	200	225	1x3/4	5.9 (1800)	3	4	79	Limited
NEWAGE-700-UB, unbraided	200	225	1x1/2	2.3 (700)	2	4	31	Limited
NEWAGE-1000-UB, unbraided	200	225	1x1/2	3.3 (1000)	3	4	58	Limited
NEWAGE-1200-UB, unbraided	200	225	1x1/2	3.9 (1200)	3	4	78	Limited

Feedback

NEWAGE-1500-UB, unbraided	200	225	1x1/2	4.9 (1500)	3	4	78	Limited
NEWAGE-1800-UB, unbraided	200	225	1x1/2	5.9 (1800)	3	4	97	Limited
NEWAGE-700-UB, unbraided	200	225	1x3/4	2.3 (700)	2	4	36	Limited
NEWAGE-1000-UB, unbraided	200	225	1x3/4	3.3 (1000)	3	4	59	Limited
NEWAGE-1200-UB, unbraided	200	225	1x3/4	3.9 (1200)	3	4	88	Limited
NEWAGE-1500-UB, unbraided	200	225	1x3/4	4.9 (1500)	3	4	88	Limited
NEWAGE-1800-UB, unbraided	200	225	1x3/4	5.9 (1800)	3	4	97	Limited
NEWAGE-700-B, braided	200	225 (107)	1x1/2	2.3 (700)	2	4	35	Limited
NEWAGE-1000-B, braided	200	225 (107)	1x1/2	3.3 (1000)	3	4	68	Limited
NEWAGE-1200-B, braided	200	225 (107)	1x1/2	3.9 (1200)	3	4	82	Limited
NEWAGE-1500-B, braided	200	225 (107)	1x1/2	4.9 (1500)	3	4	85	Limited
NEWAGE-1800-B, braided	200	225 (107)	1x1/2	5.9 (1800)	3	4	97	Limited
NEWAGE-700-B, braided	200	225 (107)	1x3/4	2.3 (700)	2	4	41	Limited
NEWAGE-1000-B, braided	200	225 (107)	1x3/4	3.3 (1000)	3	4	69	Limited
NEWAGE-1200-B, braided	200	225 (107)	1x3/4	3.9 (1200)	3	4	82	Limited
NEWAGE-1500-B, braided	200	225 (107)	1x3/4	4.9 (1500)	3	4	90	Limited
NEWAGE-1800-B, braided	200	225 (107)	1x3/4	5.9 (1800)	3	4	106	Limited
NEWAGE25-700 unbraided	200	300	1x1/2	2.3 (700)	2	3	22	Limited
NEWAGE25-1000 unbraided	200	300	1x1/2	3.3 (1000)	3	3	39	Limited
NEWAGE25-1200 unbraided	200	300	1x1/2	3.9 (1200)	3	3	56	Limited
NEWAGE25-1500 unbraided	200	300	1x1/2	4.9 (1500)	3	3	59	Limited
NEWAGE25-1800 unbraided	200	300	1x1/2	5.9 (1800)	3	3	67	Limited

Feedback

NEWAGE25-700B braided	200	300	1x1/2	2.3 (700)	2	3	22	Limited
NEWAGE25-1000B braided	200	300	1x1/2	3.3 (1000)	3	3	39	Limited
NEWAGE25-1200B braided	200	300	1x1/2	3.9 (1200)	3	3	56	Limited
NEWAGE25-1500B braided	200	300	1x1/2	4.9 (1500)	3	3	59	Limited
NEWAGE25-1800B braided	200	300	1x1/2	5.9 (1800)	3	3	67	Limited
NEWAGE25-700 unbraided	200	300	1x3/4	2.3 (700)	2	3	28	Limited
NEWAGE25-1000 unbraided	200	300	1x3/4	3.3 (1000)	3	3	54	Limited
NEWAGE25-1200 unbraided	200	300	1x3/4	3.9 (1200)	3	3	63	Limited
NEWAGE25-1500 unbraided	200	300	1x3/4	4.9 (1500)	3	3	74	Limited
NEWAGE25-1800 unbraided	200	300	1x3/4	5.9 (1800)	3	3	74	Limited
NEWAGE25-700B braided	200	300	1x3/4	2.3 (700)	2	3	28	Limited
NEWAGE25-1000B braided	200	300	1x3/4	3.3 (1000)	3	3	54	Limited
NEWAGE25-1200B braided	200	300	1x3/4	3.9 (1200)	3	3	63	Limited
NEWAGE25-1500B braided	200	300	1x3/4	4.9 (1500)	3	3	74	Limited
NEWAGE25-1800B braided	200	300	1x3/4	5.9 (1800)	3	3	74	Limited
NEWAGE (700B)	175	225	1x1/2	2.0 (610)	1	7.5	12	Limited
NEWAGE (1200B)	175	225	1x1/2	4.0 (1220)	3	7.5	29	Limited
NEWAGE (1500B)	175	225	1x1/2	5.0 (1525)	3	7.5	68	Limited
NEWAGE (1800B)	175	225	1x1/2	5.9 (1800)	3	7.5	94	Limited
NEWAGE (700B)	175	225	1x3/4	2.0 (610)	1	7.5	21	Limited
NEWAGE (1200B)	175	225	1x3/4	4.0 (1220)	3	7.5	36	Limited
NEWAGE (1500B)	175	225	1x3/4	5.0 (1525)	3	7.5	73	Limited
NEWAGE (1800B)	175	225	1x3/4	5.9 (1800)	3	7.5	99	Limited

Feedback

700- NEWAGE	200	300	1 by 1/2	2.3 (700)	2	3	21	Limited
1000- NEWAGE	200	300	1 by 1/2	3.3(1000)	3	3	35	Limited
1200- NEWAGE	200	300	1 by 1/2	3.9(1200)	3	3	39	Limited
1500- NEWAGE	200	300	1 by 1/2	4.9(1500)	3	3	52	Limited
1800- NEWAGE	200	300	1 by 1/2	5.9(1800)	3	3	56	Limited
700- NEWAGE	200	300	1 by 3/4	2.3 (700)	2	3	26	Limited
1000- NEWAGE	200	300	1 by 3/4	3.3(1000)	3	3	39	Limited
1200- NEWAGE	200	300	1 by 3/4	3.9(1200)	3	3	44	Limited
1500- NEWAGE	200	300	1 by 3/4	4.9(1500)	3	3	59	Limited
1800- NEWAGE	200	300	1 by 3/4	5.9(1800)	3	3	61	Limited
700B- NEWAGE	200	300	1 by 1/2	2.3 (700)	2	3	21	Limited
1000B- NEWAGE	200	300	1 by 1/2	3.3(1000)	3	3	35	Limited
1200B- NEWAGE	200	300	1 by 1/2	3.9(1200)	3	3	39	Limited
1500B- NEWAGE	200	300	1 by 1/2	4.9(1500)	3	3	52	Limited
1800B- NEWAGE	200	300	1 by 1/2	5.9(1800)	3	3	56	Limited
700B- NEWAGE	200	300	1 by 3/4	2.3 (700)	2	3	26	Limited
1000B- NEWAGE	200	300	1 by 3/4	3.3(1000)	3	3	39	Limited
1200B- NEWAGE	200	300	1 by 3/4	3.9(1200)	3	3	44	Limited
1500B- NEWAGE	200	300	1 by 3/4	4.9(1500)	3	3	59	Limited
1800B- NEWAGE	200	300	1 by 3/4	5.9(1800)	3	3	61	Limited
NEWAGE28(700B), braided	200	225	1x1/2	2.3 (700)	3	3	18	Limited
NEWAGE28(1000B), braided	200	225	1x1/2	3.3 (1000)	5	3	23	Limited
NEWAGE28(1200B), braided	200	225	1x1/2	3.9 (1200)	7	3	29	Limited
NEWAGE28(1500B), braided	200	225	1x1/2	4.9 (1500)	9	3	39	Limited
NEWAGE28(1800B), braided	200	225	1x1/2	5.9 (1800)	12	3	50	Limited
NEWAGE28(700B), braided	200	225	1x3/4	2.3 (700)	3	3	20	Limited
NEWAGE28(1000B), braided	200	225	1x3/4	3.3 (1000)	5	3	24	Limited
NEWAGE28(1200B), braided	200	225	1x3/4	3.9 (1200)	7	3	31	Limited
NEWAGE28(1500B), braided	200	225	1x3/4	4.9 (1500)	9	3	40	Limited

Feedback

NEWAGE28(1800B), braided	200	225	1x3/4	5.9 (1800)	12	3	70	Limited
NFF27-SB-700 braided	200	150	1x1/2	2.3 (700)	2	5	33	Limited
NFF27-SB-1000 braided	200	150	1x1/2	3.3 (1000)	3	5	65	Limited
NFF27-SB-1200 braided	200	150	1x1/2	3.9 (1200)	3	5	67	Limited
NFF27-SB-1500 braided	200	150	1x1/2	4.9 (1500)	3	5	84	Limited
NFF27-SB-1800 braided	200	150	1x1/2	5.9 (1800)	3	5	101	Limited
NFF27-SB-700 braided	200	150	1x3/4	2.3 (700)	2	5	36	Limited
NFF27-SB-1000 braided	200	150	1x3/4	3.3 (1000)	3	5	59	Limited
NFF27-SB-1200 braided	200	150	1x3/4	3.9 (1200)	3	5	73	Limited
NFF27-SB-1500 braided	200	150	1x3/4	4.9 (1500)	3	5	77	Limited
NFF27-SB-1800 braided	200	150	1x3/4	5.9 (1800)	3	5	105	Limited
NFF27-S-700 unbraided	200	150	1x1/2	2.3 (700)	2	5	33	Limited
NFF27-S-1000 unbraided	200	150	1x1/2	3.3 (1000)	3	5	65	Limited
NFF27-S-1200 unbraided	200	150	1x1/2	3.9 (1200)	3	5	67	Limited
NFF27-S-1500 unbraided	200	150	1x1/2	4.9 (1500)	3	5	84	Limited
NFF27-S-1800 unbraided	200	150	1x1/2	5.9 (1800)	3	5	101	Limited
NFF27-S-700 unbraided	200	150	1x3/4	2.3 (700)	2	5	36	Limited
NFF27-S-1000 unbraided	200	150	1x3/4	3.3 (1000)	3	5	59	Limited
NFF27-S-1200 unbraided	200	150	1x3/4	3.9 (1200)	3	5	73	Limited
NFF27-S-1500 unbraided	200	150	1x3/4	4.9 (1500)	3	5	77	Limited
NFF27-S-1800 unbraided	200	150	1x3/4	5.9 (1800)	3	5	105	Limited
NewAge 0.7 unbraided	200	150	1x1/2	2.3 (700)	2	5	19	Limited
NewAge 1.0 unbraided	200	150	1x1/2	3.3 (1000)	3	5	33	Limited
NewAge 1.2 unbraided	200	150	1x1/2	4.0 (1200)	3	5	43	Limited
NewAge 1.5 unbraided	200	150	1x1/2	5.0 (1500)	3	5	54	Limited
NewAge 1.8 unbraided	200	150	1x1/2	6.0 (1800)	3	5	75	Limited
NewAge 0.7 B braided	200	150	1x1/2	2.3 (700)	2	5	22	Limited
NewAge 1.0 B braided	200	150	1x1/2	3.3 (1000)	3	5	39	Limited
NewAge 1.2 B braided	200	150	1x1/2	4.0 (1200)	3	5	46	Limited
NewAge 1.5 B braided	200	150	1x1/2	5.0 (1500)	3	5	62	Limited
NewAge 1.8 B braided	200	150	1x1/2	6.0 (1800)	3	5	80	Limited

Feedback

The braided model NFF27-SB and the unbraided model NFF27-S series are intended to be installed with the L-Bracket and S-Bracket in accordance with the manufacturer's installation instructions dated September 14, 2022.

Model NEWAGE-xxx-UB flexible sprinkler hose with fittings are intended to be installed with the center bracket (FPSJ-Z9-P03) and end bracket (FPSJ-Z9-P06) in accordance with the manufacturer's installation instructions dated November 1, 2018.

Model NEWAGE-xxx-B flexible sprinkler hose with fittings are intended to be installed with the center bracket (FPSJ- Z9-P03) and end bracket (FPSJ-Z9-P06) in accordance with the manufacturer's installation instructions dated November 1, 2018.

The unbraided type flexible sprinkler hose with fittings, NEWAGE(###UB) series, are intended to be installed with the A- DFM middle and end bracket combination in accordance with the manufacturer's installation instructions dated February 25, 2021 or with the B-COT middle and B-EOT end bracket combination in accordance with the manufacturer's installation instructions dated February 25, 2021.

The braided type flexible sprinkler hose with fittings, NEWAGE(###B) series, are intended to be installed with the A-DFM middle and end bracket combination or the B-CON-B middle and B-EL-B end bracket combination in accordance with the manufacturer's installation instructions dated April 10, 2019.

The model NEWAGE25-xxx series and NEWAGE25-xxxB series flexible sprinkler hose with fittings are intended to be installed with the RB-BT-UL-1 and RB-F-58T bracket combination in accordance with the manufacturer's installation instructions dated October, 2018.

The model NEWAGE25-xxx series flexible sprinkler hose with fittings are intended to be installed with the SprinkFlex SFO24BKT1 or SFO48BKT1 bracket combinations in accordance with the manufacturer's installation instructions dated October, 2018.

The model NEWAGE25-xxx series and NEWAGE25-xxxB series flexible sprinkler hose with fittings are intended to be installed with the RB-BT-UL-2 and RB-F-58T bracket combination in accordance with the manufacturer's installation instructions dated October, 2018.

The braided type flexible sprinkler hose with fittings, NEWAGE28 series are intended to be installed with A-DFM middle bracket and A-DFM end bracket combination in accordance with the manufacturer's installation instructions dated September 20th 2019, or B-COT middle bracket and B-EOT end bracket combination in accordance with the manufacturer's installation instructions dated September 20th 2019.

The model NewAge XX series and NewAge XX B series flexible sprinkler hose with fittings are intended to be installed with Center Bracket as per Drawing No. NIS-13627 and Side Brackets as per Drawing No. NIS-13631 in accordance with the manufacturer's installation instructions dated Nov. 2022.

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VNIV.EX26986 - Sprinklers, Automatic and Open

Sprinklers, Automatic and Open

NEWAGE FIRE FIGHTING CO LTD

EX26986

Plot 93 / 94 Lms Compound
Gidc Phase 1
Wadhwan, Surendrangr, Gujarat 363030 India

Sprinkler Identification Number (SIN) NS-SP1, NS-SP2, NS-SU1, NS-SC1, NS-QU1, NS-QP1, NS-QP2, NS-SRP, NS-QRP, NS-SRU, NS-QRU, NS-SRC, NS-SRHS, NS-QRHS, glass bulb-type sprinklers.

Sprinkler Identification Number (SIN) NS001, NS002, NS003, NS004, NS005, NS006, NS007, NS008, NS017, NS018, NS021, NS023, NS024, NS025, NS026, NS21, NS22, NS31, NS32, NS41, NS42, NS51, NS121, NS123, NS124, NS125, NS126, NS310, NS311, NS320, NS321, NS340, NS341, NS801, NS802, NS803, NS804, NS805 and NS806 Glass Bulb Type.

Chrome plated brass sprinklers are identified by unplated loading screws.

**UPRIGHT AND PENDENT STANDARD-SPRAY SPRINKLERS
NOMINAL 5.6 K-FACTOR**

SIN	Response Type	Type	Nom K-Factor	System Working Pressure, psig	Temp Rating, °F
NS-SP1, NS-SP2	SR	Pendent	—	175	155, 175
NS-QP1, NS-QP2	QR	Pendent	—	175	155, 175
NS-SU1	SR	Upright	—	175	155, 175
NS-QU1	QR	Upright	—	175	155, 175
NS003	SR	Upright	5.6	175	135, 155, 175, 200
NS004	QR	Upright	5.6	175	135, 155, 175, 200
NS005	SR	Pendent	5.6	175	135, 155, 175, 200
NS006	QR	Pendent	5.6	175	135, 155, 175, 200
NS-SRP	SR	Pendent	—	175	155, 175
NS-QRP	QR	Pendent	—	175	155, 175
NS-SRU	SR	Upright	—	175	155, 175
NS-QRU	QR	Upright	—	175	155, 175
NS21	SR	Upright	—	175	135, 155, 175, 200, 286
NS22	QR	Upright	—	175	135, 155, 175, 200, 286
NS31	SR	Pendent	—	175	135, 155, 175, 200, 286
NS32	QR	Pendent	—	175	135, 155, 175, 200, 286
NS123	SR	Upright	—	175	135, 155, 175, 200

NS124	QR	Upright	—	175	135, 155, 175, 200
NS125	SR	Pendent	—	175	135, 155, 175, 200
NS126	QR	Pendent	—	175	135, 155, 175, 200
NS801	SR	Pendent	—	175	135, 155, 175, 200, 286
NS802	QR	Pendent	—	175	135, 155, 175, 200, 286
NS803	SR	Upright	—	175	135, 155, 175, 200, 286
NS804	QR	Upright	—	175	135, 155, 175, 200, 286

FLUSH, RECESSED AND CONCEALED SPRINKLERS

SIN	Response	Type	Nom	Temp Rating, °F	
	Type		K-Factor	Cover	Sprinkler
NS-SP1, NS-SP2	SR	Recessed Pendent	5.6	—	155, 175
NS-QP1, NS-QP2	QR	Recessed Pendent	5.6	—	155, 175
NS007	SR	Concealed	5.6	135, 155	135, 155, 175, 200
NS008	QR	Concealed	5.6	135, 155	135, 155, 175, 200

STANDARD SIDEWALL SPRAY SPRINKLERS

SIN	Response	Type	Nom	System	Temp
	Type		K-Factor	Working	
				Pressure,	
				psig	
NS001+#	SR	Horizontal	5.6	175	135, 155, 175, 200
NS002+#	QR	Horizontal	5.6	175	135, 155, 175, 200
NS017*#	SR	Horizontal	5.6	175	135, 155, 175, 200
NS018*#	QR	Horizontal	5.6	175	135, 155, 175, 200
NS-SRHS +#	SR	Horizontal	5.6	175	155,175
NS-QRHS +#	QR	Horizontal	5.6	175	155,175
NS41*#	SR	Horizontal	5.6	175	135, 155, 175, 200, 286
NS42*#	QR	Horizontal	5.6	175	135, 155, 175, 200, 286
NS340	SR	Horizontal	5.6	175	135, 155, 175, 200, 286
NS341	QR	Horizontal	5.6	175	135, 155, 175, 200, 286
NS121+#	SR	Horizontal	5.6	175	135, 155, 175, 200
NS122+#	QR	Horizontal	5.6	175	135, 155, 175, 200
NS805+	SR	Horizontal	5.6	175	135, 155, 175, 200, 286
NS806+	QR	Horizontal	5.6	175	135, 155, 175, 200, 286

+ - Installed 4 to 12 in. below ceiling.

* - Installed 4 to 6 in. below ceiling.

- For ordinary hazard occupancies.

CONVENTIONAL (OLD STYLE) SPRINKLERS

SIN	Response Type	Nom K-Factor	Temp Rating, °F
NS-SC1	SR	5.68	155, 175
NS-SRC	SR	5.6	155, 175
NS51	SR	5.6	135, 155, 175, 200, 286

INTERMEDIATE-LEVEL SPRINKLERS

SIN	Response Type	Type	Nom K-Factor	Temp Rating, °F
NS310	SR	Upright	5.6	135, 155, 175, 200, 286
NS311	QR	Upright	5.6	135, 155, 175, 200, 286
NS320	SR	Pendent	5.6	135, 155, 175, 200, 286
NS321	QR	Pendent	5.6	135, 155, 175, 200, 286

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VUFZ.EX26985 Nozzles, Spray Hose, Portable

[Page Bottom](#)

Nozzles, Spray Hose, Portable

[See General Information for Nozzles, Spray Hose, Portable](#)**NEWAGE FIRE FIGHTING CO LTD**

EX26985

Plot 93 / 94 Lms Compound

Gidc Phase 1

Wadhwan, Surendrangr, 363030 INDIA

Basic Spray Nozzles

Model No.	Fire Type	Size, in.	Max Inlet Pressure, psig	Rated Operating Pressure, psig	Rated Flow at Rated Operating Pressure, gpm	Flow in Wide Open Position at 100 psig, gpm
Basic spray nozzle						
NEWAGE NZ 65	Class A and B	2-1/2*	200	100	280	280
NEWAGE NZ 38	Class A and B	1-1/2**	200	100	130	130

*Includes both NH (NST) and NPSH (IPT) inlet thread configurations. Also includes BS 336 "Morris" instantaneous coupling inlet configuration.

**Includes both NH (NST) and NPSH (IPT) inlet thread configurations.



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VEHZ.EX29010 - Drain Fittings, Special Type

Drain Fittings, Special Type

NEWAGE FIRE FIGHTING CO LTD

EX29010

Plot 93 / 94 Lms Compound

Gidc Phase 1

Wadhwan, Surendrangr, Gujarat 363030 India

*View model for additional information*Model(s): NewAge-TDVLast Updated on 2023-03-21

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Certificate of Compliance

This certificate is issued for the following:

Angle Hose Valves

Model	Product Description	Maximum Working Pressure, psi (kPa)	Nominal Pipe Size, in.	Remarks
NI 101	Flange x BS 336 - Instantaneous Female Connection	232 (1600)	2-1/2	a
NI 101	Flange x IS:554 - BSP male threaded	232 (1600)	2-1/2	a

Remarks:

a. Inlet flange available in accordance with 3 inch ASME/ANSI B16.5, or DN80 IS: 1538 (Part IV).

Prepared for:

New Age Industries
Ambawadi Industrial Estate
Surendranagar, Gujarat 363001
India

Manufactured at:

New Age Industries
Ambawadi Industrial Estate
Surendranagar, Gurarat 363001
India

FM Approvals Class: 1521 (December 2014)

Approval Identification: PR460490

Approval Granted: September 16, 2021

To verify the availability of the Approved product, please refer to www.approvalguide.com

Said Approval is subject to satisfactory field performance, continuing Surveillance Audits, and strict conformity to the constructions as shown in the Approval Guide, an online resource of FM Approvals.

A handwritten signature in dark ink, appearing to read 'D.B. Fuller', is written over a horizontal line.

David B. Fuller
VP – Manager of Fire Protection
FM Approvals
1151 Boston-Providence Turnpike
Norwood, MA 02062



Member of the FM Global Group





Certificate of Compliance

This certificate is issued for the following:

**Angle Hose Valves
Traditional and Pressure Reducing**

**Model NFF-103, NFF-109, NFF-110
Outlet size 2-1/2 inch NPS**

**Model NFF-112
Outlet size 1-1/2 inch NPS**

Prepared for:

Newage Fire Fighting Company Ltd.
Plot No. 94-94, LMS Compound, GIDC Phase-1
Dist-Surendranagar, Gujarat 363035
India

Manufactured at:

Newage Fire Fighting Company Ltd.
Plot No. 94-94, LMS Compound, GIDC Phase-1
Dist-Surendranagar, Gurarat 363035
India

FM Approvals Class: 1521/1522 (December 2014)

Approval Identification: PR460425

Approval Granted: November 29, 2021

To verify the availability of the Approved product, please refer to www.approvalguide.com

Said Approval is subject to satisfactory field performance, continuing Surveillance Audits, and strict conformity to the constructions as shown in the Approval Guide, an online resource of FM Approvals.

A handwritten signature in black ink, appearing to read 'D.B. Fuller', written over a horizontal line.

David B. Fuller
VP – Manager of Fire Protection
FM Approvals
1151 Boston-Providence Turnpike
Norwood, MA 02062



Member of the FM Global Group





Certificate of Compliance

This certificate is issued for the following:

Angle Hose Valves

NFF-PR-40P, NFF-PR-40M, **NFF-PR-65P**, NFF-PR-65M

Prepared for:

Newage Fire Fighting Company Ltd
Plot No. 93-94, LMS Compound,
GIDC Phase-1 Dist-Surendranagar,
Gujarat 363035,
India

FM Approvals Class: 1521

Approval Identification: PR454815

Approval Granted: October 23, 2019

To verify the product continues to be Approved please refer to www.approvalguide.com.

Said Approval is subject to satisfactory field performance, continuing Surveillance Audits, and strict conformity to the constructions as shown in the Approval Guide, an online resource of FM Approvals.

A handwritten signature in black ink, appearing to read 'D.B. Fuller', written over a horizontal line.

David B. Fuller
VP, Manager – Fire Protection
FM Approvals
1151 Boston-Providence Turnpike
Norwood, MA 02062 USA



Member of the FM Global Group



Certificate of Compliance

<i>Model</i>	<i>Product Description</i>	<i>Pressure Rating, psi (kPa)</i>	<i>Nominal Pipe Size, in.</i>
NFF-PR-40P	Pressure Restricting Angle Valve with female to male connection	175 (1205)	1-1/2 (38)
NFF-PR-40M	Pressure Restricting Angle Valve with double female end connection	175 (1205)	2-1/2 (64)
NFF-PR-65P	Pressure Restricting Angle Valve with female to male connection	175 (1205)	1-1/2 (38)
NFF-PR-65M	Pressure Restricting Angle Valve with double female end connection	175 (1205)	2-1/2 (64)



Member of the FM Global Group



Certificate of Compliance

This certificate is issued for the following:

FLEXIBLE SPRINKLER HOSE WITH THREADED END FITTINGS

FOR USE IN COMMERCIAL SUSPENDED CEILINGS

MODELS: NEWAGE 700B, NEWAGE 1000B, NEWAGE 1200B, NEWAGE 1500B, NEWAGE 1800B

Prepared for:

NEWAGE FIRE FIGHTING CO., LTD.
NKB HOUSE, MEHTA MARKET
SURENDRANAGAR, 363001
GUJARAT, INDIA

FM Approvals Class: 1637

Approval Identification: 3060096

Approval Granted: October 14, 2016

To verify the availability of the Approved product, please refer to www.approvalguide.com

Said Approval is subject to satisfactory field performance, continuing Surveillance Audits, and strict conformity to the constructions as shown in the Approval Guide, an online resource of FM Approvals.

A handwritten signature in dark ink, appearing to read 'D. B. Fuller', written over a horizontal line.

David B. Fuller
AVP, Manager – Fire Protection
FM Approvals
1151 Boston-Providence Turnpike
Norwood, Massachusetts 02062 USA



Member of the FM Global Group



Certificate of Compliance

This certificate is issued for the following:

Sprinkler System Alarm Test Devices

Model: NEWAGE-TDV

Sizes: 1, 1-1/4, 1-1/2, 2 inch

Prepared for:

Newage Fire Fighting Company Ltd
Plot No. 93-94, LMS Compound
GIDC Phase-1 Dist-Surendranagar, Gujarat 363035
India

Approval Standard: FM 1625 (December 2009)

Approval Identification: PR466020

Approval Granted: 21 June 2023

To verify the availability of the Approved product, please refer to www.approvalguide.com

Said Approval is subject to satisfactory field performance, continuing Surveillance Audits, and strict conformity to the constructions as shown in the Approval Guide, an online resource of FM Approvals.



Member of the FM Global Group

A handwritten signature in dark ink, appearing to read 'D.B. Fuller', written over a horizontal line.

David B. Fuller
VP, Manager – Fire Protection
FM Approvals
1151 Boston-Providence Turnpike
Norwood, MA 02062



EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate No:
MEDB000026U
Revision No:
1

Application of: Directive 2014/90/EU of 23 July 2014 on marine equipment (MED). This Certificate is issued by DNV SE based on the notification of the Federal Maritime and Hydrographic Agency of Germany.

This is to certify:

That the Fire hoses with diameter \leq 52 mm

with type designation(s)

PREMIER, SUPREME, FIRE MASTER SUPER, COMMANDER SUPER, FIRE CHIEF, FIRE OUT RRL, FIRESTORM, AQUASTRIKE, FLAMEBLITZ

Issued to

NewAge Fire Fighting Co. Ltd.
Surendra Nagar, Gujarat, India

is found to comply with the requirements in the following Regulations/Standards:

Regulation **(EU) 2021/1158,**

item No. MED/3.29. SOLAS 74 as amended, Regulation II-2/10 & X/3, 2000 HSC Code 7 and EN 14540:2014

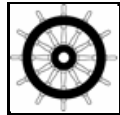
Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2027-04-03**.

Issued at **Hamburg** on **2022-04-04**

DNV local station:
Mumbai NB & CMC

Approval Engineer:
Frank Poetsch



Notified Body
No.: **0098**

for **DNV SE**

Christine Mydlak-Roeder
Head of Notified Body

The mark of conformity may only be affixed to the above type approved equipment and a Manufacturer's Declaration of Conformity issued when the production-surveillance module (D, E or F) of Annex B of the MED is fully complied with and controlled by a written inspection agreement with a Notified Body. The product liability rests with the manufacturer or his representative in accordance with Directive 2014/90/EU.

This certificate is valid for equipment, which is conform to the approved type. The manufacturer shall inform DNV SE of any changes to the approved equipment. This certificate remains valid unless suspended, withdrawn, recalled or cancelled.

Should the specified regulations or standards be amended during the validity of this certificate, the product is to be re-approved before being placed on board a vessel to which the amended regulations or standards apply.

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to 300,000 USD.



Product description

Non-percolating lay-flat fire hoses with following specification:

Inside diameter: 38 / 45 / 51 mm

Proof pressure: 22.5 bar

Burst pressure: 45 bar

Material / Construction:

- Reinforcement is made up of 100% synthetic polyester yarn.
- The internal lining is made up of 100% synthetic impermeable rubber.

Application/Limitation

Approved for discharging water from the fire main by using fire hoses (SOLAS II-2/10.2.3 and 2000 HSC Code, 7.7.5).

Type Examination documentation

- Test report dated 2013-12-11 issued by Linear Management Solutions & Certifications Pvt. Ltd.
- Manufacturer's data sheets
- GL Approval Certificate no. 6188314 HH

Tests carried out

Tested according to EN 14540 (2004) incl. A.1 (2007), as superseded by EN 14540 (2014) [no difference in the scope of testing]

Marking of product

The products are to be marked according to EN 14540 (2014) - § 8 Marking and with the MED Mark of Conformity (see page 1).

EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate No:
MEDB000026V
Revision No:
1

Application of: Directive 2014/90/EU of 23 July 2014 on marine equipment (MED). This Certificate is issued by DNV SE based on the notification of the Federal Maritime and Hydrographic Agency of Germany.

This is to certify:

That the Fire hoses with diameter \leq 52 mm

with type designation(s)

PREMIER EXTRA, SUPREME EXTRA, PYROLINE, NOVA DURA, FIRE MASTER SUPER RED, COMMANDER SUPER RED, FIRESTORM JET, AQUASTRIKE SUPER, FLAMEBLITZ RED

Issued to

NewAge Fire Fighting Co. Ltd.
Surendra Nagar, Gujarat, India

is found to comply with the requirements in the following Regulations/Standards:

Regulation **(EU) 2021/1158**,

item No. MED/3.29. SOLAS 74 as amended, Regulation II-2/10 & X/3, 2000 HSC Code 7 and EN 14540:2014

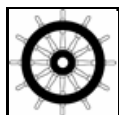
Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2027-04-03**.

Issued at **Hamburg** on **2022-04-04**

DNV local station:
Mumbai NB & CMC

Approval Engineer:
Frank Poetsch



Notified Body
No.: **0098**

for DNV SE

Christine Mydlak-Roeder
Head of Notified Body

The mark of conformity may only be affixed to the above type approved equipment and a Manufacturer's Declaration of Conformity issued when the production-surveillance module (D, E or F) of Annex B of the MED is fully complied with and controlled by a written inspection agreement with a Notified Body. The product liability rests with the manufacturer or his representative in accordance with Directive 2014/90/EU. This certificate is valid for equipment, which is conform to the approved type. The manufacturer shall inform DNV SE of any changes to the approved equipment. This certificate remains valid unless suspended, withdrawn, recalled or cancelled. Should the specified regulations or standards be amended during the validity of this certificate, the product is to be re-approved before being placed on board a vessel to which the amended regulations or standards apply.

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to 300,000 USD.



Product description

Non-percolating lay-flat fire hoses with following specification:

Inside diameter: 38 / 45 / 51 mm

Proof pressure: 22.5 bar

Burst pressure: 45 bar

Material / Construction:

- Reinforcement is made up of 100% synthetic polyester yarn.
- External elastomeric coating is done with red coloured specially compounded synthetic rubber.
- The internal lining is made up of 100% synthetic impermeable rubber.

Application/Limitation

Approved for discharging water from the fire main by using fire hoses (SOLAS II-2/10.2.3 and 2000 HSC Code, 7.7.5).

Type Examination documentation

- Test report dated 2013-12-11 issued by Linear Management Solutions & Certifications Pvt. Ltd.
- Manufacturer's data sheets
- GL Approval Certificate no. 6188414 HH

Tests carried out

Tested according to EN 14540 (2004) incl. A.1 (2007), as superseded by EN 14540 (2014) [no difference in the scope of testing]

Marking of product

The products are to be marked according to EN 14540 (2014) - § 8 Marking and with the MED Mark of Conformity (see page 1).

EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate No:
MEDB000026W
Revision No:
1

Application of: Directive 2014/90/EU of 23 July 2014 on marine equipment (MED). This Certificate is issued by DNV SE based on the notification of the Federal Maritime and Hydrographic Agency of Germany.

This is to certify:

That the Fire hoses with diameter \leq 52 mm

with type designation(s)
PYROPROTECT, PERMALINE, AQUARUSH, PYROSURGE, AQUABURST, PYROSTREAM, PYROBLIND

Issued to

NewAge Fire Fighting Co. Ltd.
Surendra Nagar, Gujarat, India

is found to comply with the requirements in the following Regulations/Standards:

Regulation (EU) 2021/1158,

item No. MED/3.29. SOLAS 74 as amended, Regulation II-2/10 & X/3, 2000 HSC Code 7 and EN 14540:2014

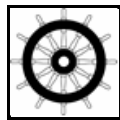
Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2027-04-03**.

Issued at **Hamburg** on **2022-04-04**

DNV local station:
Mumbai NB & CMC

Approval Engineer:
Frank Poetsch



Notified Body
No.: **0098**

for **DNV SE**

Christine Mydlak-Roeder
Head of Notified Body

The mark of conformity may only be affixed to the above type approved equipment and a Manufacturer's Declaration of Conformity issued when the production-surveillance module (D, E or F) of Annex B of the MED is fully complied with and controlled by a written inspection agreement with a Notified Body. The product liability rests with the manufacturer or his representative in accordance with Directive 2014/90/EU.

This certificate is valid for equipment, which is conform to the approved type. The manufacturer shall inform DNV SE of any changes to the approved equipment. This certificate remains valid unless suspended, withdrawn, recalled or cancelled.

Should the specified regulations or standards be amended during the validity of this certificate, the product is to be re-approved before being placed on board a vessel to which the amended regulations or standards apply.

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to 300,000 USD.



Product description

Non-percolating lay-flat fire hoses with following specification:

Inside diameter: 38 / 45 / 51 mm

Proof pressure: 22.5 bar

Burst pressure: 45 bar

Material / Construction:

- Lining: Made up of specially compounded synthetic Nitrile / PVC blend impermeable rubber to give resistance to ageing, ozone, oil, alkali and acid and also resistance to heat and abrasion.
- Reinforcement: Circularly woven jacket made of 100% synthetic polyamide yarn which is free of knots, lumps and any other irregularities.

Application/Limitation

Approved for discharging water from the fire main by using fire hoses (SOLAS II-2/10.2.3 and 2000 HSC Code, 7.7.5).

Type Examination documentation

- Test report dated 2013-12-11 issued by Linear Management Solutions & Certifications Pvt. Ltd.
- Manufacturer's data sheets
- GL Approval Certificate no. 6188514 HH

Tests carried out

Tested according to EN 14540 (2004) incl. A.1 (2007), as superseded by EN 14540 (2014) [no difference in the scope of testing]

Marking of product

The products are to be marked according to EN 14540 (2014) - § 8 Marking and with the MED Mark of Conformity (see page 1).

QS - CERTIFICATE OF ASSESSMENT - EC (MODULE D)

Certificate No:
MEDD00000ZX
Revision No:
1

Application of: Directive 2014/90/EU of 23 July 2014 on marine equipment (MED). This Certificate is issued by DNV SE based on the notification of the Federal Maritime and Hydrographic Agency of Germany.

This is to certify:

That the Quality System for the products

with type designation(s) as specified in the Appendix to this Certificate

Issued to

NewAge Fire Fighting Co. Ltd.
Surendra Nagar, Gujarat, India

is found to comply with the applicable requirements.

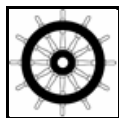
The quality system has been assessed with respect to the procedure of conformity assessment described in Annex II, Module D in the directive 2014/90/EU and regulation (EU) 2021/1158.

This Certificate is valid until **2027-04-10**.

Issued at **Hamburg** on **2022-04-11**

DNV local station:
Mumbai NB & CMC

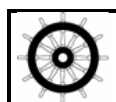
Approval Engineer:
Frank Poetsch



Notified Body
No.: **0098**

for **DNV SE**

Christine Mydlak-Roeder
Head of Notified Body



0098/yyyy

0098: Notified Body number undertaking quality surveillance
yyyy: The year in which the mark is affixed

The product liability rests with the manufacturer or his representative in accordance with Directive 2014/90/EU.

This certificate authorizes the manufacturer in conjunction with the valid EC Type Examination (Module B) Certificate(s) of the equipment listed before to affix the Mark of Conformity (wheelmark) to the product described herein.

This certificate loses its validity if the manufacturer makes any changes to the approved quality system, which have not been notified to, and agreed with the notified body named on this certificate. This certificate remains valid unless suspended, withdrawn, recalled or cancelled.

The Manufacturer has to apply for periodical audits to verify the maintenance and application of the quality system every 12 months.

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to 300,000 USD.



APPENDIX

Item no. MED/3.29 Fire-fighting hoses – Non-percolating lay flat firefighting hoses (range of the inside diameter from 25 mm to 52 mm)

Type designation	EC Type-Examination Certificate No.	Expiry date	Notified Body No.	USCG approval number
PREMIER EXTRA, SUPREME EXTRA, PYROLINE, NOVA DURA, FIRE MASTER SUPER RED, COMMANDER SUPER RED, FIRESTORM JET, AQUASTRIKE SUPER, FLAMEBLITZ RED ¹	MEDB000026V Rev.1	2027-04-03	0098	N/A
PREMIER, SUPREME, FIRE MASTER SUPER, COMMANDER SUPER, FIRE CHIEF, FIRE OUT RRL, FIRESTORM, AQUASTRIKE, FLAMEBLITZ ¹	MEDB000026U Rev.1	2027-04-03	0098	N/A
PYROPROTECT, PERMALINE, AQUARUSH, PYROSURGE, AQUABURST, PYROSTREAM, PYROBLIND ¹	MEDB000026W Rev.1	2027-04-03	0098	N/A

Places of production

- 1.NewAge Fire Fighting Co. Ltd., NKB House, Mehta Market, Surendra Nagar, India

TYPE APPROVAL CERTIFICATE

This is to certify:**That the Fire Hose**

with type designation(s)

PREMIER, SUPREME, FIRE MASTER SUPER, COMMANDER SUPER, FIRE CHIEF, FIRE OUT RRL, FIRESTORM, AQUASTRIKE, FLAMEBLITZ

Issued to

**NewAge Fire Fighting Co. Ltd.
Surendra Nagar, Gujarat, India**

is found to comply with

DNV GL rules for classification – Ships**DNV GL offshore standards****DNV GL statutory interpretations DNVGL-SI-0364 – SOLAS interpretations****Application :****Approved for use throughout the fire line except for hose reels.****Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.**Issued at **Hamburg** on **2019-07-23**for **DNV GL**This Certificate is valid until **2024-07-22**.DNV GL local station: **Mumbai NB & CMC**Approval Engineer: **Andrii Pishchanskyi**

**Olaf Drews
Head of Section**

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid. The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.



Product description

PREMIER, SUPREME, FIRE MASTER SUPER, COMMANDER SUPER, FIRE CHIEF, FIRE OUT RRL, FIRESTORM, AQUASTRIKE, FLAMEBLITZ

Non-percolating lay flat fire hose of type 1 as per BS 6391:2009 consists of the following:

Item	Description
Lining	Synthetic EPDM rubber
Jacket	Synthetic polyester yarn

The fire-fighting hose has the following specification:

Parameter	Value
Inside diameter	38 mm
	45 mm
	51 mm
	64 mm
	70 mm
	76 mm
Normal working pressure	1.7 MPa
Maximum working pressure	1.5 MPa
Proof pressure	2.25 MPa
Burst pressure	4.5 MPa

Application/Limitation

Certification in accordance with Class Programme DNVGL-CP-0338, September 2018.

Approved for discharging water from the fire main by using the fire hoses (SOLAS II-2/10.2.3 and 2000 HSC Code, 7.7.8.5) except for hose reels at maximum working pressure not exceeding 15 bar and at a minimum ambient temperature of -20 °C.

Production and batch tests to be performed in accordance with BS 6391:2009 Annex B.

Each product is to be supplied with its manual for installation, use and maintenance.

Type Approval documentation

1. Data sheet for Type 1 hoses dated 2019-01-31;
2. Test report of Type 1 non-percolating layflat hoses dated 2019-06-13.

Tests carried out

Tested according to BS 6391:2009 (type 1).

Marking of product

The product is to be marked according to BS 6391:2009, 11.

Periodical assessment

DNV GL's surveyor is to be given permission to perform Periodical Assessments at any time during the validity of this certificate and at least every second year. The arrangement is to be in accordance with procedure described in Class Programme DNVGL-CP-0338, Section 4.

TYPE APPROVAL CERTIFICATE

This is to certify:**That the Fire Hose**

with type designation(s)

PREMIER EXTRA, SUPREME EXTRA, PYROLINE, NOVA DURA, FIRE MASTER SUPER RED, COMMANDER SUPER RED, FIRESTORM JET, AQUASTRIKE SUPER, FLAMEBLITZ RED

Issued to

**NewAge Fire Fighting Co. Ltd.
Surendra Nagar, Gujarat, India**

is found to comply with

DNV GL rules for classification – Ships**DNV GL offshore standards****DNV GL statutory interpretations DNVGL-SI-0364 – SOLAS interpretations****Application :****Approved for use throughout the fire line except for hose reels.****Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.**Issued at **Hamburg** on **2019-07-23**for **DNV GL**This Certificate is valid until **2024-07-22**.DNV GL local station: **Mumbai NB & CMC**Approval Engineer: **Andrii Pishchanskyi**

**Olaf Drews
Head of Section**

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid. The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.



Product description

"PREMIER EXTRA, SUPREME EXTRA, PYROLINE, NOVA DURA, FIRE MASTER SUPER RED, COMMANDER SUPER RED, FIRESTORM JET, AQUASTRIKE SUPER, FLAMEBLITZ RED"

Non-percolating lay flat fire hose of type 2 as per BS 6391:2009 consists of the following:

Item	Description
Lining	Synthetic EPDM rubber
Jacket	Synthetic polyester yarn
External coating	Synthetic rubber

The fire-fighting hose has the following specification:

Parameter	Value
Inside diameter	38 mm
	45 mm
	51 mm
	64 mm
	70 mm
	76 mm
Normal working pressure	1.7 MPa
Maximum working pressure	1.5 MPa
Proof pressure	2.25 MPa
Burst pressure	4.5 MPa

Application/Limitation

Certification in accordance with Class Programme DNVGL-CP-0338, September 2018.

Approved for discharging water from the fire main by using the fire hoses (SOLAS II-2/10.2.3 and 2000 HSC Code, 7.7.8.5) except for hose reels at maximum working pressure not exceeding 15 bar and at a minimum ambient temperature of -20 °C.

Production and batch tests to be performed in accordance with BS 6391:2009 Annex B.

Each product is to be supplied with its manual for installation, use and maintenance.

Type Approval documentation

1. Data sheet for Type 2 hoses dated 2019-01-31;
2. Test report of Type 2 non-percolating layflat hoses dated 2019-06-13.

Tests carried out

Tested according to BS 6391:2009 (type 2).

Marking of product

The product is to be marked according to BS 6391:2009, 11.

Periodical assessment

DNV GL's surveyor is to be given permission to perform Periodical Assessments at any time during the validity of this certificate and at least every second year. The arrangement is to be in accordance with procedure described in Class Programme DNVGL-CP-0338, Section 4.

TYPE APPROVAL CERTIFICATE

This is to certify:**That the Fire Hose**

with type designation(s)

**PYROPROTECT, PERMALINE, AQUARUSH, PYROSURGE, AQUABURST, PYROSTREAM,
PYROBLIND**

Issued to

**NewAge Fire Fighting Co. Ltd.
Surendra Nagar, Gujarat, India**

is found to comply with

DNV GL rules for classification – Ships**DNV GL offshore standards****DNV GL statutory interpretations DNVGL-SI-0364 – SOLAS interpretations****Application :****Approved for use throughout the fire line except for hose reels.****Product(s) approved by this certificate is/are accepted for installation on all vessels classed
by DNV GL.**Issued at **Hamburg** on **2019-07-23**for **DNV GL**This Certificate is valid until **2024-07-22**.DNV GL local station: **Mumbai NB & CMC**Approval Engineer: **Andrii Pishchanskyi**

Olaf Drews
Head of Section

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid. The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.



Product description

"PYROPROTECT, PERMALINE, AQUARUSH, PYROSURGE, AQUABURST, PYROSTREAM, PYROBLIND"
Non-percolating lay flat fire hose of type 3 as per BS 6391:2009 consists of the following:

Item	Description
Lining	Synthetic nitrile / PVC blend rubber
Jacket	Circularly woven jacket made of synthetic polyamide yarn
Cover	Synthetic nitrile / PVC blend rubber

The fire-fighting hose has the following specification:

Parameter	Value
Inside diameter	38 mm
	45 mm
	51 mm
	64 mm
	70 mm
	76 mm
Normal working pressure	1.7 MPa
Maximum working pressure	1.5 MPa
Proof pressure	2.25 MPa
Burst pressure	4.5 MPa

Application/Limitation

Certification in accordance with Class Programme DNVGL-CP-0338, September 2018.

Approved for discharging water from the fire main by using the fire hoses (SOLAS II-2/10.2.3 and 2000 HSC Code, 7.7.8.5) except for hose reels at maximum working pressure not exceeding 15 bar and at a minimum ambient temperature of -20 °C.

Production and batch tests to be performed in accordance with BS 6391:2009 Annex B.

Each product is to be supplied with its manual for installation, use and maintenance.

Type Approval documentation

1. Data sheet for Type 3 hoses dated 2019-01-31;
2. Test report of Type 3 non-percolating layflat hoses dated 2019-06-13.

Tests carried out

Tested according to BS 6391:2009 (type 3).

Marking of product

The product is to be marked according to BS 6391:2009, 11.

Periodical assessment

DNV GL's surveyor is to be given permission to perform Periodical Assessments at any time during the validity of this certificate and at least every second year. The arrangement is to be in accordance with procedure described in Class Programme DNVGL-CP-0338, Section 4.



Certificate of Compliance

We hereby declare that the technical file of product complied with the requirement of Safety equipment - IPPC directive 2008/1/EC.

Manufacturer

Name : **NEW AGE FIRE FIGHTING CO. LTD.**

Address : **PLOT NO. 93-94, LMS, GIDC PHASE-1, WADHWANCITY, SURENDRANAGAR-363001, GUJARAT, INDIA**

Product : **FIRE FIGHTING HOSES - PYROPROTECT, PYROLINE, PREMIER EXTRA, SUPREME, SUPREME EXTRA, FIRE CHIEF, FIRE OUT RRL, FIRE MASTER SUPER, FIRE MASTER SUPER RED, COMMANDER SUPER, PERMALINE, PYROBLIND, AQUARUSH, AQUASURGE, PYROSURGE, PYROSTREAM, PREMIER, FIRESTORM, AQUASTRIKE, FLAMEBLITZ, MELTON, MELTON PLUS, NOVADURA**

Applicable Standards: **EN ISO 14557:2022**

The Certification body has performed an audit of the above product quality system covering the design, manufacture and final inspection of the certified product. The quality system has been assessed, approved and is subject to continuous surveillance according to Safety equipment - IPPC directive 2008/1/EC.

This certificate is issued under the following conditions:

1. It applies only to the quality system maintained in the manufacture of above referenced models and it does not substitute the design or type-examination procedures, if requested.
2. The certificate remains valid until the manufacturing conditions or the quality systems are not changed.
3. The certificate validity is conditioned by positive results or surveillance audits.
4. After fulfilling the relevant EU legislation, the manufacturer shall affix to each device, of the above referenced models.
5. The CE mark as shown below can be used, under the responsibility of the manufacturer, after completion of an EC Declaration of conformity and compliance with all relevant EC Directives. The statement is based on a single evaluation of one sample of above mentioned product. It does not imply an assessment of the whole production

Date of Registration	: 08 November 2023
1st Surveillance Due	: 07 November 2024
2nd Surveillance Due	: 07 November 2025
Certificate Expiry (subject to the company maintaining its system to the required standard)	: 07 November 2026

Certificate No:- 101081123

To Verify this certificate please visit at www.qvcert.co.uk



Authorised Signatory

Quality Veritas Certification Limited

Validity of this certificate is subject to annual surveillance audits done successfully

This Certificate Of Registration Remains The Property of Quality Veritas Certification Limited and Shall be Returned Immediately Upon Request

Email:- info@qvcert.co.uk Website:- www.qvcert.co.uk

Suite 48, 88-90 Hatton Garden, London, EC1N 8PN, UK



Certificate of Compliance

We hereby declare that the technical file of product complied with the requirement of Safety equipment - IPPC directive 2008/1/EC.

Manufacturer

Name : **NEW AGE FIRE FIGHTING CO. LTD.**

Address : **PLOT NO. 93-94, LMS, GIDC PHASE-1, WADHWANCITY, SURENDRANAGAR-363001, GUJARAT, INDIA**

Product : **FIRE FIGHTING HOSES - PYROPROTECT, PYROLINE, PREMIER EXTRA, SUPREME, SUPREME EXTRA, FIRE CHIEF, FIRE OUT RRL, FIRE MASTER SUPER, FIRE MASTER SUPER RED, COMMANDER SUPER, PERMALINE, PYROBLIND, AQUARUSH, AQUASURGE, PYROSURGE, PYROSTREAM, PREMIER, FIRESTORM, AQUASTRIKE, FLAMEBLITZ, MELTON, MELTON PLUS, NOVADURA**

Applicable Standrads: **EN ISO 14557:2022**

The Certification body has performed an audit of the above product quality system covering the design, manufacture and final inspection of the certified product. The quality system has been assessed, approved and is subject to continuous surveillance according to Safety equipment - IPPC directive 2008/1/EC.

.This certificate is issued under the following conditions:

1. It applies only to the quality system maintained in the manufacture of above referenced models and it does not substitute the design or type-examination procedures, if requested.
2. The certificate remains valid until the manufacturing conditions or the quality systems are not changed.
3. The certificate validity is conditioned by positive results or surveillance audits.
4. After fulfilling the relevant EU legislation, the manufacturer shall affix to each device, of the above referenced models.
5. The CE mark as shown below can be used, under the responsibility of the manufacturer, after completion of an EC Declaration of conformity and compliance with all relevant EC Directives. The statement is based on a single evaluation of one sample of above mentioned product. It does not imply an assessment of the whole production

Date of Registration	: 08 November 2023
1st Surveillance Due	: 07 November 2024
2nd Surveillance Due	: 07 November 2025
Certificate Expiry (subject to the company maintaining its system to the required standard)	: 07 November 2026

Certificate No:- 101081123

To Verify this certificate please visit at www.qvcert.co.uk



Authorised Signatory

Quality Veritas Certification Limited

Validity of this certificate is subject to annual surveillance audits done successfully

This Certificate Of Registration Remains The Property of Quality Veritas Certification Limited and Shall be Returned Immediately Upon Request

Email:- info@qvcert.co.uk Website:- www.qvcert.co.uk

Suite 48, 88-90 Hatton Garden, London, ECIN 8PN, UK



Certificate of Compliance

We hereby declare that the technical file of product complied with the requirement of Low Voltage Directives 2014/35/EU, Machinery Safety Directive 2006/42/EC.

Manufacturer

Name : **NEWAGE FIRE FIGHTING COMPANY LIMITED**

Address : PLOT NO. 86-87 & 93-94, LMS COMPOUND, GIDC PHASE-1, WADHWANCITY, SURENDRANAGAR-363001, GUJARAT, INDIA

Product : FIRE FIGHTING PUMPS NORMAL PRESSURE MODELS (MOC:GUNMETAL&SS)
NFLP 2000, NFLP 3000, NFLP 4000, NFLP 5000, NFLP 6000, NFLP 8000, NFLP 10000,
DUAL PRESSURE MODELS (MOC:GUNMETAL&SS) NFMP 2000, NFMP 3000,
NFMP 4000, NFMP 6000

Applicable Standard : EN 1028-1:2002 + A1:2008, EN 1028-2:2002 + A1:2008,
EN 1050:1997 / ISO 14121-1:2007

The Certification body has performed an audit of the above product quality system covering the design, manufacture and final inspection of the certified product. The quality system has been assessed, approved and is subject to continuous surveillance according to Low Voltage Directives 2014/35/EU, Machinery Safety Directive 2006/42/EC.

This certificate is issued under the following conditions:

1. It applies only to the quality system maintained in the manufacture of above referenced models and it does not substitute the design or type-examination procedures, if requested.
2. The certificate remains valid until the manufacturing conditions or the quality systems are not changed.
3. The certificate validity is conditioned by positive results or surveillance audits.
4. After fulfilling the relevant EU legislation, the manufacturer shall affix to each device, of the above referenced models.
5. The CE mark as shown below can be used, under the responsibility of the manufacturer, after completion of an EC Declaration of conformity and compliance with all relevant EC Directives. The statement is based on a single evaluation of one sample of above mentioned product. It does not imply an assessment of the whole production

Date of Registration	: 17 August 2021
1st Surveillance Due	: 16 August 2022
2nd Surveillance Due	: 16 August 2023
Certificate Expiry (subject to the company maintaining its system to the required standard)	: 16 August 2024

Certificate No:- 101170821

To Verify this certificate please visit at www.qvcert.co.uk




Authorised Signatory

Quality Veritas Certification Limited

Validity of this certificate is subject to annual surveillance audits done successfully

This Certificate Of Registration Remains The Property of Quality Veritas Certification Limited and Shall be Returned Immediately Upon Request

Email:- info@qvcert.co.uk Website:- www.qvcert.co.uk

Suite 48, 88-90 Hatton Garden, London, EC1N 8PN, UK

Kitemark™ Certificate

This is to certify that:

Newage Fire Fighting Company Limited
NKB House, PO Box #14
Mehta Market
Surendranagar
Gujarat
363001
India

Holds Certificate Number:

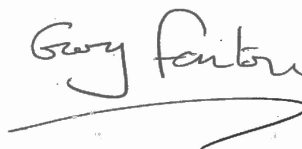
KM 632389

In respect of:

BS 6391
Non-percolating lay-flat delivery hose

This issues the right and licence to use the Kitemark in accordance with the Kitemark Terms and Conditions governing the use of the Kitemark, as may be updated from time to time by BSI Assurance UK Ltd (the "Conditions"). All defined terms in this Certificate shall have the same meaning as in the Conditions.

The use of the Kitemark is authorized in respect of the Product(s) detailed on this Certificate provided at or from the above address.



For and on behalf of BSI:

Gary Fenton, Global Product Certification Director

First Issued: 07/09/2016

Latest Issue: 07/09/2016



Kitemark™ Certificate

No. KM 632389

Model No.	Description
38 mm	Type 3, layflat fire hose, 38 mm nominal diameter.
64 mm	Type 3, layflat fire hose, 64 mm nominal diameter.

All the above products are certified to BS 6391:2009.



First Issued: 07/09/2016

Latest Issue: 07/09/2016

Page: 2 of 2

This certificate has been issued by and remains the property of BSI Assurance UK Ltd, Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes MK5 8PP, United Kingdom and should be returned immediately upon request.
To check its validity telephone +44 (0) 345 080 9000. An electronic certificate can be authenticated [online](#).

BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK.
A member of BSI Group of Companies.

Kitemark™ Certificate

This is to certify that:

Newage Fire Fighting Company Limited
NKB House, PO Box #14
Mehta Market
Surendranagar
Gujarat
363001
India

Holds Certificate Number:

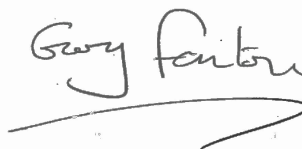
KM 602148

In respect of:

BS 336:2010
Fire hose couplings and ancillary equipment

This issues the right and licence to use the Kitemark in accordance with the Kitemark Terms and Conditions governing the use of the Kitemark, as may be updated from time to time by BSI Assurance UK Ltd (the "Conditions"). All defined terms in this Certificate shall have the same meaning as in the Conditions.

The use of the Kitemark is authorized in respect of the Product(s) detailed on this Certificate provided at or from the above address.



For and on behalf of BSI:

Gary Fenton, Global Product Certification Director

First Issued: 30/06/2014

Latest Issue: 09/07/2015



Kitemark™ Certificate

No. KM 602148

BS 336:2010 - Specification for fire hose couplings and ancillary equipment.

Description	Model No.	Additional Information	Branded As
63mm X 63mm Copper Alloy Delivery Hose Coupling, 2½" ribbed tail, pull release type.	NFFCL-CP-IS-GM-01	General Assembly Drawing – C21331.	Newage
63mm X 63mm Copper Alloy Delivery Hose Coupling, 2½" serrated tail, pull release type.	NFFCL-CP-IS-GM-02	General Assembly Drawing – C11331/BS.	Newage
63mm X 63mm Aluminium alloy delivery hose coupling, 2½" ribbed tail, pull release type.	NFFCL-CP-IS-AL	General Assembly Drawing - M052 Rev 02, F052 Rev 02	Newage

First Issued: 30/06/2014

Latest Issue: 09/07/2015

Page: 2 of 2

This certificate has been issued by and remains the property of BSI Assurance UK Ltd, Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes MK5 8PP, United Kingdom and should be returned immediately upon request.
To check its validity telephone +44 (0) 845 080 9000. An electronic certificate can be authenticated [online](#).

BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK.
A member of BSI Group of Companies.

**For any other
communication**

Address: Rajkot Branch Office-II-F P
No. 364/P, Ward no.
13, Opposite Crystal Mall,
Next to Bharat Petrol
Pump, Kalawad Road,
Rajkot,
RAJKOT, GUJARAT, 360005

Phone: 0281-2563981, 2563982,
2563984, 2563978

Fax: 0

E-Mail: rjbo-2@bis.gov.in

Web: www.bis.org.in,
www.manakonline.in

BUREAU OF INDIAN STANDARDS

Attachment to Licence No. CM/L- 2925264

CM/L-No	Name of the Licensee with the Factory Address	Name of the Product	Indian Standard No.
2925264	NEWAGE FIRE FIGHTING CO. LTD. -Plot No. 86- 87,93-94, LMS Compound, GIDC, Phase-1, Wadhwan, , : 363035	Non-Percolating Flexible Fire Fighting Delivery Hose - Specification	IS 636 : 2018

Endorsement No. 10 Dated 06-Aug-2023

Whereas, the licence was valid upto Tenth October Two Thousand Twenty Three.

Now, consequent upon renewal, the validity of the licence given in schedule of the Licence Dated 09-OCT-2023 has been extended from Tenth October Two Thousand Twenty Three to Ninth October Two Thousand Twenty Four

Other terms and conditions of licence remain same.

Branch Head (Rajkot Branch Office-II)

Manak Bhavan, 9 Bahadur Shah Zafar Marg, New Delhi 110002. ,9 Bahadur Shah Zafar Marg,
,DELHI,110002

Contact No: +91 11 23230131,
23233375, 23239402

Fax: +91 11 23234062, 232

Email: info@bis.gov.in

**For any other
communication**

Address: Rajkot Branch Office-II-F P
No. 364/P, Ward no.
13, Opposite Crystal Mall,
Next to Bharat Petrol
Pump, Kalawad Road,
Rajkot,
RAJKOT, GUJARAT, 360005

Phone: 0281-2563981, 2563982,
2563984, 2563978

Fax: 0

E-Mail: rjbo-2@bis.gov.in

Web: www.bis.org.in,
www.manakonline.in

BUREAU OF INDIAN STANDARDS

Attachment to Licence No. CM/L- 3799593

CM/L-No	Name of the Licensee with the Factory Address	Name of the Product	Indian Standard No.
3799593	NEWAGE FIRE FIGHTING CO. LTD. -Plot No. 86- 87,93-94, LMS Compound, GIDC, Phase-1, Wadhwan, , : 363035	Specification for Fire Hose Delivery Couplings, Branch Pipe, Nozzles And Nozzle Spanner - Specificaion	IS 903 : 1993

Endorsement No. 11 Dated 22-Nov-2023

Whereas, the licence was valid upto First February Two Thousand Twenty Four.

Now, consequent upon renewal, the validity of the licence given in schedule of the Licence Dated 31-JAN-2024 has been extended from First February Two Thousand Twenty Four to Thirty First January Two Thousand Twenty Five

Other terms and conditions of licence remain same.

Branch Head (Rajkot Branch Office-II)

Manak Bhavan, 9 Bahadur Shah Zafar Marg, New Delhi 110002. ,9 Bahadur Shah Zafar Marg,
,DELHI,110002

Contact No: +91 11 23230131,
23233375, 23239402

Fax: +91 11 23234062, 232

Email: info@bis.gov.in

**For any other
communication**

Address: Rajkot Branch Office-II-F P
No. 364/P, Ward no.
13, Opposite Crystal Mall,
Next to Bharat Petrol
Pump, Kalawad Road, Rajkot,
RAJKOT, GUJARAT, 360005

Phone: 0281-2563981, 2563982,
2563984, 2563978

Fax: 0

E-Mail: rjbo-2@bis.gov.in

Web: www.bis.org.in,
www.manakonline.in

BUREAU OF INDIAN STANDARDS

Attachment to Licence No. CM/L- 7600044308

CM/L-No	Name of the Licensee with the Factory Address	Name of the Product	Indian Standard No.
7600044308	NEWAGE FIRE FIGHTING CO. LTD. -Plot No. 86-87,93- 94, LMS Compound, GIDC, Phase-1, Wadhwan, , , : 363035	Specification for controlled percolating hose for fire fighting	IS 8423 : 1994

Endorsement No. 5 Dated 07-Feb-2023

Whereas, the licence was valid upto Fifteenth April Two Thousand Twenty Three.

Now, consequent upon renewal, the validity of the licence given in schedule of the Licence Dated 14-APR-2023 has been extended from Fifteenth April Two Thousand Twenty Three to Fourteenth April Two Thousand Twenty Four

Other terms and conditions of licence remain same.

Branch Head (Rajkot Branch Office-II)

Manak Bhavan, 9 Bahadur Shah Zafar Marg, New Delhi 110002. ,9 Bahadur Shah Zafar Marg, ,DELHI,110002

Contact No: +91 11 23230131,
23233375, 23239402

Fax: +91 11 23234062, 232

Email: info@bis.gov.in



भारतीय मानक ब्यूरो

(उपयोक्ता मामले, खाद्य एवं सार्वजनिक वितरण मंत्रालय, भारत सरकार)
BUREAU OF INDIAN STANDARDS

(Ministry of Consumer Affairs, Food & Public Distribution, Govt. of India)

राजकोट शाखा कार्यालय / Rajkot Branch Office

एफ. पी. नं. 364/P, बोर्ड नं. 13, क्रिस्टल मोल के सामने, भारत पेट्रोल पंप के बगल में, कालावड रोड, राजकोट-३६०००५, गुजरात.
F.P. No. 364/P, Ward No. 13, Opp. Crystal Mall, Near Bharat Petrol Pump, Kalawad Road, RAJKOT - 360005. Gujarat.
Phone : 0281-2563980, 2563981, 2563982, 2563983 E-mail : rjbo@bis.gov.in / rjbo-2@bis.gov.in Web : www.bis.gov.in

हमारा संदर्भ: RJBO-II/CM/L- 7600043508

दिनांक: 19-6-23

मैसर्स न्यूऐज फायर फाइटिंग कं. ली.
प्लॉट नं. 86-87, 93-94, एलएमएस कम्पाउंड,
जीआईडीसी, फेज -1, वढवाण, जिला : सुरेन्द्रनगर

महोदय,

कृपया इस पत्र के साथ संलग्न पत्र का अवलोकन करे। इस संदर्भ मे आपसे निवेदन है की सलग्न पत्र पर आवश्यक कार्यवाही शीघ्र करे एवं पत्र प्राप्त की पावती इस कार्यालय को भिजवा दे।

संलग्न : उपरोक्तानुसार

भवदीय,

पारिजात

(पारिजात शुक्ला)

वैज्ञानिक ई एवं प्रमुख

15/6/23



भारतीय मानक ब्यूरो

(उपभोक्ता मामले, खाद्य एवं सार्वजनिक वितरण मंत्रालय, भारत सरकार)

BUREAU OF INDIAN STANDARDS

(Ministry of Consumer Affairs, Food & Public Distribution, Govt. of India)

राजकोट शाखा कार्यालय / Rajkot Branch Office

एफ. पी. नं. 364/P. वार्ड नं. 13, क्रिस्टल मॉल के सामने, भारत पेट्रोल पंप के बगल में, कालावड रोड, राजकोट-३६०००५, गुजरात.
F.P. No. 364/P, Ward No. 13, Opp. Crystal Mall, Near Bharat Petrol Pump, Kalawad Road, RAJKOT - 360005, Gujarat.
Phone : 0281-2563980, 2563981, 2563982, 2563983 E-mail : rjbo@bis.gov.in / rjbo-2@bis.gov.in Web : www.bis.gov.in

Our Ref.: RJBO-II/L - 7600043508

Dated: 19-6-2023

M/S NEWAGE FIRE FIGHTING CO. LTD.
PLOT NO. 86-87, 93-94, LMS COMPOUND,
GIDC, PHASE-1, WADHWAN
DISTRICT: SURENDRANAGAR

Dear Sir(s),

This has reference to BIS Certification Marks Licence No. CML/L- 7600043508 held by you for Specification for High Pressure Fire Fighting Hose as per IS 14933: 2001 which is valid up to 14/04/2024

We are pleased to inform that following additional variation are included in the scope of licence held by you with immediate effect:

Please inform us as and when you start marking the new variety. You are advised to maintain separate records for the above variety after testing the same as per SIT.

High Pressure Fire Fighting Hose, Type B, Size - 63 mm

Endorsement sheet for the above is enclosed.

Thanking You,

Yours faithfully,

(पारिजात शुक्ला)

वैज्ञानिक ई एवं प्रमुख

15/6/23



भारतीय मानक ब्यूरो

(उपभोक्ता मामले, खाद्य एवं सार्वजनिक वितरण मंत्रालय, भारत सरकार)

BUREAU OF INDIAN STANDARDS

(Ministry of Consumer Affairs, Food & Public Distribution, Govt. of India)

राजकोट शाखा कार्यालय / Rajkot Branch Office

एफ. पी. नं. 364/P. वार्ड नं. 13, क्रिस्टल मॉल के सामने, भारत पेट्रोल पंप के बगल में, कालावड रोड, राजकोट-३६०००५, गुजरात.
F.P. No. 364/P, Ward No. 13, Opp. Crystal Mall, Near Bharat Petrol Pump, Kalawad Road, RAJKOT - 360005. Gujarat.
Phone : 0281-2563980, 2563981, 2563982, 2563983 E-mail : rjbo@bis.gov.in / rjbo-2@bis.gov.in Web : www.bis.gov.in

Attachment to Licence No. CM/L – 7600043508

CM/L –	Name of the Licensee with the Factory Address	Name of the Product	Indian Standard No.
7600043508	NEWAGE FIRE FIGHTING CO. LTD. Plot No. 86-87,93-94, LMS Compound, GIDC, Phase-1, Wadhwan , District: Surendranagar-- 363035	High Pressure Fire Fighting Hose - Specification	IS 14933 : 2001

ENDORSEMENT NO.06

Dated: 19-06-2023

The following addition in the scope of licence have been approved by the Bureau with effect from Seventeenth May Two Thousand Twenty Three:

High Pressure Fire Fighting Hose, Type B, Size - 63 mm

Other terms and conditions of License remain the same.

पारिजात

(पारिजात शुक्ला)

वैज्ञानिक ई एवं प्रमुख

14/6/23

**For any other
communication**

Address: Rajkot Branch Office-II-F P
No. 364/P, Ward no.
13, Opposite Crystal Mall,
Next to Bharat Petrol
Pump, Kalawad Road,
Rajkot,
RAJKOT, GUJARAT, 360005

Phone: 0281-2563981, 2563982,
2563984, 2563978

Fax: 0

E-Mail: rjbo-2@bis.gov.in

Web: www.bis.org.in,
www.manakonline.in

BUREAU OF INDIAN STANDARDS

Attachment to Licence No. CM/L- 3799694

CM/L-No	Name of the Licensee with the Factory Address	Name of the Product	Indian Standard No.
3799694	NEWAGE FIRE FIGHTING CO. LTD. -Plot No. 86- 87,93-94, LMS Compound, GIDC, Phase-1, Wadhwan, , , : 363035	Specification for landing valves	IS 5290 : 1993

Endorsement No. 14 Dated 22-Nov-2023

Whereas, the licence was valid upto First February Two Thousand Twenty Four.

Now, consequent upon renewal, the validity of the licence given in schedule of the Licence Dated 31-JAN-2024 has been extended from First February Two Thousand Twenty Four to Thirty First January Two Thousand Twenty Five

Other terms and conditions of licence remain same.

Branch Head (Rajkot Branch Office-II)

Manak Bhavan, 9 Bahadur Shah Zafar Marg, New Delhi 110002. ,9 Bahadur Shah Zafar Marg,
,DELHI,110002

Contact No: +91 11 23230131,
23233375, 23239402

Fax: +91 11 23234062, 232

Email: info@bis.gov.in