4.0 CONDITIONAL ACCEPTANCE

INVITATION FOR BID NO. IFB # 16-31

TITLE: FIREFIGHTER TURNOUT GEAR

1. Subject to City Council approval, this notification constitutes a conditional acceptance of your bid to provide the materials listed on the Price Sheet. All terms and conditions of the IFB shall apply.
2. The term of the proposed Agreement shall be a one (1) year initial period with the option of the City and with the approval of the Contractor to extend the proposed agreement for four (4) additional years in one (1) year increments based on satisfactory contract performance.
3. A Department administrator will oversee the proposed Agreement for the City. The City's contract administrator is _____.
4. This Conditional Acceptance does not constitute a commitment to purchase on the part of the City of Glendale.
5. **You are required to sign three (3) copies of this Acceptance form and return with this Bid.** Failure to furnish signed copies of this document to the City of Glendale will be considered a default, and your refusal to contract with the City. The City is entitled to any remedies or rights as may be granted by law.

OFFER

The Undersigned hereby offers and agrees to furnish the material or service in compliance with all terms, conditions, specifications and amendments in the Solicitation and any written exceptions in the bid.

Contractor Name: L.N. Curtis & sons Contractor Signature: _____

Company Address: 4647 South 33rd Street Printed Name and Title: Brendon Norton, Manager

Phoenix, AZ 85040 Telephone No. 602-453-3911

Company Federal I.D: 94-1214350 Arizona Sales Tax No. 07569854-C

Email Address: bnorton@lncurtis.com

ACCCEPTANCE OF OFFER

The Offer is conditionally accepted. The Contractor is now bound to sell the materials or services specified in the IFB, including all terms and conditions, specifications, addenda, etc. Contractor is cautioned not to provide any material or service under this proposed Agreement until City Council has approved the expenditure and Contractor receives a Purchase Order.

City of Glendale City Manager or Designee Signature: **ATTEST:** _____

Printed Name and Title: **City Clerk** (SEAL)

_____ **APPROVED AS TO FORM:**

Kevin R. Phelps City Manager

Date: _____ _____

City Attorney

5.0 BIDDING SCHEDULE

Bidders shall thoroughly complete the Price Sheet as requested. The Unit Price shall include, but is not limited to, shipping, labor, equipment, tools, materials, supplies, licenses, fees, insurance, profit, and any other associated direct or indirect costs. **Sales tax shall not be included in the Unit Price.**

5.1 FIREFIGHTER TURNOUT GEAR

Item No.	Estimated Quantities (A)	Unit	Description	Unit Price (B)	Extended Amount (A X B)
5.1.1	150	Each	STRUCTURAL FIREFIGHTING HELMET Mfg/Model: Bullard FX	$ 161.70	$ 24,255.00
5.1.2	150	Each	TURNOUT COATS Mfg/Model:	$No Bid	$
5.1.3	150	Each	TURNOUT PANTS Mfg/Model:	$ No Bid	$
5.1.4	200	Pair	STRUCTURAL FIREFIGHTING GLOVES Mfg/Model: Shelby 5280(G)	$ 69.50	$ 13,900.00
5.1.5	800	Each	STRUCTURAL FIREFIGHTING HOODS Mfg/Model: PGI 3049298	$ 29.50	$ 23,600.00
5.1.6	100	Pair	STRUCTURAL FIREFIGHTING BOOTS – HONEYWELL BT5007	$ 384.50	$ 38,450.00
5.1.7	100	Pair	STRUCTURAL FIREFIGHTING BOOTS – GLOBE SHADOW™	$ 355.10	$ 35,510.00
5.1.8	100	Pair	STRUCTURAL FIREFIGHTING BOOTS – BLACK DIAMOND X2	$No Bid	$
5.1.9	125	5 Gallons	TURNOUT SOAP/CITROSQUEEZE	$ 110.00	$ 13,750.00
			GRAND TOTAL (Items 5.1.1 through 5.1.9)		$ 149,465.00

5.2 TAX AMOUNT Bidders should not include transaction use tax or federal tax in their unit price. For the purpose of determining the lowest cost, the City will not take tax into consideration.

Tax Rate: 8.6 **%**

5.3 DELIVERY Bidder states that all orders shall be delivered per Section 1.2.9 after receipt of purchase order, contract release document or written notice to proceed from the City of Glendale.

5.4 PROCUREMENT CARD ORDERING CAPABILITY Please check appropriate box.

☒ YES, I will accept payment under this contract with the Procurement Card.

☐ NO, I will not accept payment under this contract with the Procurement Card.

Company Name: L.N. Curtis & sons

If NOT Compliant, please be specific about what area is not in compliance and thoroughly explain the differences in a separate letter/memo as to why you chose to take an exception. A written explanation must be submitted referencing the specific paragraph number and adequately defining the exception submitted. Any pictures/digitals photos would also be preferred to show any of the exceptions.

COMPLIANCE CHECK SHEET

		Check Response
1.2	**COMPLIANCE OF STANDARDS & REGULATIONS**	
1.2.1	NFPA CERTIFICATION/TRAINING	Yes ☒ No ☐
1.2.2	CERTIFICATIONS/ADDITIONAL MANUFACTURER REQUIREMENTS	Yes ☐ No ☒
1.2.3	SAMPLES	Yes ☒ No ☐
1.2.4	RESEARCH & DEVELOPMENT	Yes ☒ No ☐
1.2.5	NEW PRODUCT AVAILABILITY	Yes ☒ No ☐
1.2.6	DISCONTINUATION OF CONTRACTED ITEM	Yes ☒ No ☐
1.2.7	LIABILITY CONSIDERATIONS	Yes ☒ No ☐
1.2.8	WARRANTY	Yes ☒ No ☐
1.2.9	DELIVERY	Yes ☒ No ☐
1.2.10	USER INFORMATION GUIDE	Yes ☒ No ☐
1.2.11	CLEANING INSTRUCTIONS	Yes ☒ No ☐
1.2.12	TRACEABILITY	Yes ☒ No ☐
1.2.13	LABELING	Yes ☒ No ☐
1.2.14	QUALITY	Yes ☒ No ☐
1.2.15	WORKMANSHIP	Yes ☒ No ☐
1.2.16	REPAIR & REPLACEMENT PARTS	Yes ☒ No ☐
1.2.17	BIDDER'S COMPLIANCE WITH HEALTH, ENVIRONMENTAL & SAFETY	Yes ☒ No ☐
1.3	**STRUCTURAL FIREFIGHTING HELMET –CONSTRUCTION REQUIREMENTS**	
1.3.2	OUTERSHELL	Yes ☒ No ☐
1.3.3	SUSPENSION SYSTEM	Yes ☒ No ☐
1.3.4	BRIM EDGE TRIM	Yes ☒ No ☐
1.3.5	HELMET HARDWARE AND THREAD REQUIREMENTS	Yes ☐ No ☒
1.3.6	HELMET HANGER LOOP AND BRACKET	Yes ☐ No ☒
1.3.7	FACE SHIELD MOUNTING BRACKETS	Yes ☒ No ☐
1.3.8	INTERNAL PROTECTION SYSTEM	Yes ☐ No ☒
1.3.9	SUSPENSION HEADBAND AND RETENTIONS SYSTEMS	Yes ☐ No ☒
1.3.10	EYE PROTECTION MOUNTING SYSTEM	Yes ☒ No ☐
1.3.11	REFLECTIVE TRIM	Yes ☒ No ☐

	COMPLIANCE CHECK SHEET	Check Response
1.3.12	EAR COVERS/FLAPS	Yes ☐ No ☒
1.3.13	WINTER LINER	Yes ☐ No ☒
1.3.14	CHINSTRAP	Yes ☒ No ☐
1.3.15	WARRANTY	Yes ☒ No ☐
1.4	TURNOUT GARMENT/COAT & PANT - CONSTRUCTION REQUIREMENTS	
1.4.2	ADDITIONAL LABELING	Yes ☐ No ☐
1.4.3	THREAD	Yes ☐ No ☐
1.4.4	STITCH METHODS	Yes ☐ No ☐
1.4.5	MATERIALS FOR COAT & PANTS	Yes ☐ No ☐
1.4.6	OUTER SHELL MATERIAL	Yes ☐ No ☐
1.4.7	MOISTURE BARRIER MATERIAL	Yes ☐ No ☐
1.4.8	BREATHABILITY REQUIREMENTS	Yes ☐ No ☐
1.4.9	THERMAL LINER	Yes ☐ No ☐
1.4.10	MOISTURE BARRIER/THERMAL LINER ATTACHMENT	Yes ☐ No ☐
1.4.11	REINFORCEMENT MATERIALS	Yes ☐ No ☐
	1.4.11.1 CUFF REINFORCEMENT	Yes ☐ No ☐
	1.4.11.2 SEAM ABRAISION SHIELD	Yes ☐ No ☐
	1.4.11.3 POCKET REINFORCEMENT	Yes ☐ No ☐
	1.4.11.4 ELBOW REINFORCEMENT	Yes ☐ No ☐
1.4.12	REFLECTIVE TRIM	Yes ☐ No ☐
1.5	COAT - CONSTRUCTION REQUIREMENTS	
1.5.2	PATTERNING REQUIREMENTS COAT	Yes ☐ No ☐
1.5.3	THERMAL REINFORCED YOKE	Yes ☐ No ☐
1.5.4	SHELL YOKE REINFORCEMENT	Yes ☐ No ☐
1.5.5	INSPECTION PORT	Yes ☐ No ☐
1.5.6	COAT RISE	Yes ☐ No ☐
1.5.7	HANG UP LOOP	Yes ☐ No ☐
1.5.8	SIZING	Yes ☐ No ☐
1.5.9	COAT LENGTH	Yes ☐ No ☐
1.5.10	LABEL LINER POCKET	Yes ☐ No ☐
1.5.11	SLEEVES	Yes ☐ No ☐
1.5.12	BELLOWS UNDERARMS	Yes ☐ No ☐
1.5.13	WRISTLET EXTERNAL	Yes ☐ No ☐
1.5.14	WATERWELL & INTERNAL WRISTLET	Yes ☐ No ☐

	COMPLIANCE INFORMATION	Check Response
1.5.15	COLLAR	Yes ☐ No ☐
1.5.16	SHOULDER CAPS	Yes ☐ No ☐
1.5.17	LINER & DESIGN ATTACHMENT	Yes ☐ No ☐
1.5.18	DRAG RESCUE DEVICE	Yes ☐ No ☐
1.5.19	STORM SHIELD/CLOSURE SYSTEM	Yes ☐ No ☐
1.5.20	POCKETS	Yes ☐ No ☐
1.5.21	REFLECTIVE TRIM	Yes ☐ No ☐
1.5.22	AMERICAN FLAG	Yes ☐ No ☐
1.5.23	MICROPHONE TAB	Yes ☐ No ☐
1.5.24	FLASHLIGHT STRAP	Yes ☐ No ☐
1.5.25	GLOVE HOLDER	Yes ☐ No ☐
1.5.26	SNAP HOLDER	Yes ☐ No ☐
1.5.27	REMOVABLE ACCOUNTABILITY PANEL	Yes ☐ No ☐
1.6	PANT - CONSTRUCTION REQUIREMENTS	
1.6.2	PATTERNING & DESIGN	Yes ☐ No ☐
1.6.3	MOISTURE BARRIER/THERMAL LINER CONSTRUCTION	Yes ☐ No ☐
1.6.4	MOISTURE BARRIER/THERMAL LINER ATTACHMENT	Yes ☐ No ☐
1.6.5	INSPECTION PORT	Yes ☐ No ☐
1.6.6	SIZING	Yes ☐ No ☐
1.6.7	KNEE PADDING/THERMAL LAYERING	Yes ☐ No ☐
1.6.8	FLY CONSTRUCTION	Yes ☐ No ☐
1.6.9	BOOT CUT	Yes ☐ No ☐
1.6.10	REFLECTIVE TRIM	Yes ☐ No ☐
1.6.11	SUSPENDERS	Yes ☐ No ☐
1.6.12	BELT AND HARNESS	Yes ☐ No ☐
1.6.13	POCKETS	Yes ☐ No ☐
1.6.14	TAKE UP STRAPS	Yes ☐ No ☐
1.7	STRUCTURAL FIREFIGHTING GLOVES – CONSTRUCTION REQUIREMENTS	
1.7.2	OUTERSHELL	Yes ☒ No ☐
1.7.3	THERMAL LINER	Yes ☒ No ☐
1.7.4	PROTECTIVE BARRIER	Yes ☒ No ☐
1.7.5	WRIST PULL	Yes ☒ No ☐
1.7.6	HANGER LOOP	Yes ☒ No ☐
1.7.7	THREAD	Yes ☒ No ☐
1.7.8	SIZING	Yes ☒ No ☐

	COMPLIANCE INFORMATION	Check Response
1.8	**STRUCTURAL FIREFIGHTING HOODS – CONSTRUCTION REQUIREMENTS**	
1.8.2	MATERIAL SPECIFICATIONS	Yes ☒ No ☐
1.8.3	FABRIC PERFORMANCE VALUES	Yes ☒ No ☐
1.8.4	THERMAL PROTECTIVE PERFORMANCE	Yes ☒ No ☐
1.8.5	OVERALL LENGTH	Yes ☒ No ☐
1.8.6	FACE OPENING	Yes ☒ No ☐
1.8.7	BINDING	Yes ☒ No ☐
1.8.8	SEAMS	Yes ☒ No ☐
1.9	**STRUCTURAL FIREFIGHTING BOOTS – CONSTRUCTION REQUIREMENTS**	
1.9.2	ADDITIONAL CERTIFICATION	Yes ☒ No ☐
1.9.3	SIZING	Yes ☒ No ☐
1.9.4	BOOT SPEC #1 MFG/MODEL: HONEYWELL BT5007	Yes ☒ No ☐
	1.9.4.1 SIZING	Yes ☒ No ☐
1.9.5	BOOT SPEC #2 MFG/MODEL: GLOBE SHADOW™	Yes ☒ No ☐
	1.9.5.1 SIZING	Yes ☒ No ☐
1.9.6	BOOT SPEC #3 MFG/MODEL: BLACK DIAMOND X2	Yes ☐ No ☐
	1.9.6.1 SIZING	Yes ☐ No ☐
1.10	**CITROSQUEEZE®**	
1.10.7	LABELING	Yes ☒ No ☐
1.10.8	COMPONENTS	Yes ☒ No ☐
1.10.9	QUANTITY	Yes ☒ No ☐

L.N. CURTIS & SONS

TOOLS FOR HEROES® since 1929

Exceptions to Specifications for IFB 16-31

1.2.2 CERTIFICATIONS/ADDITIONAL MANUFACTURER REQUIREMENTS

We take exception to this requirement for the products proposed below. Items are Not UL Listed, however, please see included Safety Equipment Institute (SEI) Certification document to show annual certification testing has been completed in accordance with the requirements of *NFPA 1971-2013, Standard on Protective Ensembles for Structural Fire Fighting and Proximity Fire Fighting.*

- Bullard FX Structural Firefighting Helmet
- Shelby 5280(G) Structural Firefighting Gloves
- Honeywell BT5007 Structural Firefighting Boot
- Globe Shadow Structural Firefighting Boot

1.3.5 HELMET HARDWARE AND THREAD REQUIREMENTS

- Bullard FX helmets meets or surpasses all aspects of this sections requirements with exception of one (1) rivet holding the back D-ring hanger loop. This rivet is field replaceable with a bolt & nut configuration.

1.3.6 HELMET HANGER LOOP AND BRACKET

- Bullard FX helmet D-ring fastened by a stainless steel rivet. This rivet is field replaceable with a bolt & nut configuration.

1.3.8 INTERNAL PROTECTION SYSTEM

- Bullard FX helmet impact liner consists of a urethane foam liner glued to a black high-heat resistant inner shell with a heat deflection temperature >220°F @ 264 psi. The urethane foam liner shall be formed without the use of CFCs to eliminate the potential for additional expansion when subjected to heat during actual use.

1.3.9 SUSPENSION HEADBAND AND RETENTIONS SYSTEMS

- Bullard FX helmets meets or surpasses all aspects of this sections requirements with exception to sizing. Bullard FX fits sizes 6 – 8-1/2

1.3.12 EAR COVERS/FLAPS

- Bullard FX helmets ear/neck protector shall consist of a 6-oz. rip-stop Nomex outer shell backed with two layers of flame retardant cotton flannel for comfort and protection. A 1" strip of Velcro loop material shall be stitched in one continuous band across the top of the outer shell of the ear/neck protector for attachment to the inner shell.

1.3.13 WINTER LINER

- Bullard FX helmet impact liner consists of a urethane foam liner glued to a black high-heat resistant inner shell which eliminates the need for a winter liner.

4647 South 33rd Street • Phoenix, AZ 85040 • Phone 602-453-3911 • Fax 602-453-3910
www.LNCURTIS.com

FX Series Structural Fire Helmet

Contemporary Style. Heavy Duty.

FX Series fire helmets are designed Bullard Tough for extreme conditions. With a low center of gravity for superior balance, FX fire helmets incorporate recommendations from veteran fire professionals from around the world. Choose the FX for proven on-the-job performance and long-lasting durability.

Contemporary Styling

The sleek design of the FX Fire Helmet offers lightweight comfort and a low center of gravity. This is vital to providing a stable and comfortable fit in the uncertain environment of a fire scene. The easy-turn ratchet sizing and leather ratchet cover increases overall comfort and security.

Tough and Durable Color-Through Fiberglass

The outer shell of the FX is made of fiberglass. Fiberglass, a composite material, is more resistant to chemical attack and is stable under extreme high heat exposure. FX helmets have color pigment molded throughout the outer shell, so nicks and chips are less visible.

NFPA Approved

The FX Fire Helmet exceeds the NFPA 1971, *Standard on Protective Ensemble for Structural Fire Fighting and Proximity Fire Fighting,* 2013 Edition Pertaining to Structural Fire Helmets.

Molded Inner Liner Impact Cap System

FX helmets include a molded inner liner impact cap system that provides superior durability, resistance to heat, and thermal rise protection. It also keeps the helmet shell secure and stable, and the molded goggle grommets allow for greater goggle comfort, support, and performance.

Online Leather Front Ordering

Personalized leather front ordering has never been easier! Design your own leather front, right online at www.BuildYourBullard.com.

Maximum Visibility

FX helmets feature Scotchlite® striping, which retains reflectivity to 500°F (260°C). This makes Scotchlite the toughest material available for helmet markings. FX helmets also feature the unique R330 optically-correct faceshield. The R330 eliminates distortion found in some faceshields and reduces eye stress and fatigue.

Integrated Helmet Lighting Available

The FX Fire Helmet is available with Bullard TrakLite® helmet lighting. Featuring multiple forward-facing, long lasting, bright LED lights, TrakLite is integrated into the helmet design for excellent weight balance and illumination. Added safety features include the rear buddy indicator light, long battery life (uses four AAA batteries) and easy on/off operation.

Cost-Effective Maintenance

FX helmets are designed from the start to make maintenance easy and cost-effective. Fewer components and one of the lowest total costs of ownership in the industry will truly make your FX helmet a long-term investment. Plus, special mold-formed faceshields mean less stress cracking and longer lasting faceshields.

Quick, Easy Sizing

The FX is designed for exceptional balance, comfort, stability and interface with respiratory equipment. The Bullard Sure-Lock® ratchet headband offers both an easy-turn ratchet sizing and a unique three-position height adjuster to create a completely personalized fit. The FX helmet is equipped standard with a leather ratchet cover.

Custom Comfort

All Bullard fire helmets are equipped with the U-Fit System, offering 12 custom comfort settings. By engineering our helmets to include 12 points of adjustment, you can adjust the ride and balance of your helmet. It's like having a custom-fitted helmet, designed just for you.

The FX also has a comfortable 6-point suspension system with cushioned crown pad for optimal comfort.

Bullard®

www.bullard.com

FX Fire Helmet

Technical Specifications

Dimensions: 14"L x 12"W x 7"H
Outer Shell Material: Fiberglass
Inner Shell Material: Non-CFC Urethane foam
Suspension: 6-point with soft crown pad
Warranty: Date of Manufacture; five (5) years on shell, 10 years on non-electronic components

❶ **Fiberglass outer shell**
The FX outer shell has color pigment molded throughout the shell. It offers a tough fiberglass shell offering the ultimate in chemical and extreme heat resistance.

❷ **M-PACT Plus Molded Inner Liner System**
Protects head against heat rise and provides an extra layer of protection against falling objects.

❸ **4" optically correct faceshield**
Optically correct faceshield eliminates distortion and reduces eye stress and fatigue.

❹ **Nomex® ear cover**
Nomex is a heat and flame resistant fabric made by DuPont. Provides premium protection in high heat situations.

❺ **Chinstrap with postman's slide**
Easy to adjust and secure.

❻ **Sure-Lock® ratchet headband with comfort brow pad** (leather brow pad optional):
Sure-Lock is the top performing ratchet headband, made exclusively by Bullard. Comfort brow pad is removable and washable or replaceable.

❼ **Scotchlite® reflective markings**
Highest quality reflective material available; retains reflectivity to 500° F (260° C). No burning, cracking or peeling.

❽ **Stainless steel D-ring**
Large, durable D-ring allows you to hang your helmet on virtually any size hook.

❾ **Crown straps with crown pad**
Comfortable 6-point suspension system with soft crown pad that provides an extra level of comfort while wearing the helmet.

❿ **Three position ratchet height adjuster** (not shown)
The height adjuster is the base of our 12-point comfort system. Adjust to ride high, low, or somewhere in the middle for a custom fit.

⓫ **TrakLite® Integrated Lighting**
Available with Bullard TrakLite helmet lighting. Featuring multiple forward-facing, long lasting, bright LED lights, TrakLite is integrated into the helmet design for excellent weight balance and illumination. Added safety features include the rear buddy indicator light, long battery life (uses four AAA batteries) and easy on/off operation. Select models can also be retrofitted to include TrakLite.

FX Firedome Helmet NFPA 1971-2013

- Fiberglass outer shell
- Urethane impact liner (R921)
- Black high-heat thermoplastic inner shell (R921)
- Sure-Lock ratchet headband and 6-point nylon crown strap (R637)
- Nomex chinstrap with quick-release buckle and postman's slide fastener (R144)
- Black rip-stop Nomex ear/neck protector (R721)
- 4" hard-coated optically correct faceshield (R330)
- Leather ratchet cover (R160)
- Removable fire resistant cotton brow pad (R635)
- Cotton crown pad (R636)
- Scotchlite reflective striping (R533)

FXA1 Firedome Helmet NFPA 1971-2013

- Same as FX, except without postman's slide and ratchet cover.

FXG Firedome Helmet NFPA 1971-2013

- Same as FX, except with ESS FirePro or Inner Zone Goggles (additional charges may apply)

Options at no additional charge:
- R325 6" Faceshield
- Red-Orange Reflective Scotchlite Striping
- R721YLW Yellow Nomex Ear/Neck Protector

FX Colors: black, red, white, pink, yellow, blue, orange, lime-yellow, green

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8245 (0813)

FX Series
Structural Fire Helmet
Technical Specifications

Helmets for Structural Firefighting shall meet or exceed NFPA 1971, *Standard on Protective Ensembles for Structural Fire Fighting and Proximity Fire Fighting,* 2013 Edition (Pertaining to Structural Fire Helmets). Certification/verification shall be furnished by written documentation supplied by a recognized independent third party test laboratory.

A sample helmet meeting the requirements of this specification shall be supplied upon request for inspection and verification of compliance within 10 working days.

The authority having jurisdiction reserves the right to accept bids submitted per their evaluation based upon compliance to the standard performance and any other applicable requirements concerning fit and function.

The authority having jurisdiction reserves the right to accept the most appropriate helmet based on the above stated criteria without regard to lowest price offerings.

Successful bidders shall ship helmets per award from the manufacturer within 14 working days after receipt of order from the distributor.

General
Helmets conforming to this specification are designed to help protect the firefighter from head and neck injuries related to structural firefighting activities.

The helmet manufacturer shall be certified ISO 9001 company to assure quality procedures and production capabilities.

Physical Configuration
The basic helmet shall be flared, rear-brim design with a length of 14", a width of 10" at the faceshield hardware and a height of 6-7/8".

Shell
The shell shall be comprised of a composite fiberglass with a thermoset fire retardant resin.

Color pigment shall be added to the resin as part of the manufacturing process that molds the helmet to maintain appearance by maksing chips and scratches that might occur in daily wear and tear.

Hard coat gloss-finish fire retardant polyester powder shall also be applied during the molding process to the outer finish of the helmet, which produces a homogenous material, further reducing scratches and marring.

The shell finish shall be available in white, yellow, red, black, orange, lime-yellow, pink and green.

The edge of the outer shell shall have an aluminum reinforced, elastomeric edge beading that is secured at the rear of the brim by a stainless steel clip and D-ring fastened by a stainless steel rivet. The edge beading shall not melt, drip or ignite when tested to NFPA 1971-2013.

The edge of the outer shell shall have aluminum reinforced, elastomeric edge beading that is secured at the rear of the brim by a stainless steel clip and D-ring fastened by a stainless steel rivet. The edge beading shall not melt, drip or ignite when tested to NFPA 1971-2013.

Impact Liner System
The impact liner shall consist of a urethane foam liner glued to a black high-heat resistant inner shell with a heat deflection temperature >220°F @ 264 psi. The urethane foam liner shall be formed without the use of CFCs to eliminate the potential for additional expansion when subjected to heat during actual use.

The black inner shell shall have four 1" x 3" pieces of adhesive-backed Velcro® hook material attached, two to each side, to secure the ear/neck protector at the side of the inner shell.

Crown Strap Suspension System
The crown strap suspension system shall be three 3/4" nylon web straps attached to six nylon keys. The keys shall be locked into the lip of the inner shell against the urethane impact liner.

Ratchet Headband
The helmet shall have a quick-adjustment sizing capability by means of a ratchet adjustment system attached to a heat-resistant nylon headband. The headband shall be attached to the inner shell by four black acetal buttons (two front, two rear). The headband shall have the ability to be raised or lowered inside of the inner shell by location points on the headband. This adjustment shall not affect the height of the helmet on the firefighter's head.

The ratchet portion of the headband shall have a ratchet height adjuster located at the rear of the headband, inside of the inner shell, to permit the ratchet to be positioned for comfort on the nape of the firefighter's head. This ratchet height adjuster shall permit at least 1" of travel by means of three height adjustment slots for proper fit. This independent adjustment component shall have a 3/4" piece of adhesive-backed Velcro hook material attached at the center rear of this component to secure the rear portion of the ear/neck protector.

The ratchet housing shall be wrapped in a cushion-backed leather cover to enhance fit and comfort at the nape of the head. This leather ratchet cover shall be attached by four pieces of Velcro® hook and loop material to permit removal for cleaning and replacement.

Brow Pad
The headband shall be supplied with a fire retardant knit brow pad, backed with foam cushion padding material at the forehead. This brow pad shall be attached by Velcro hook and loop material to permit removal for laundering and replacement. Attachment to the headband with stitching will not be permitted.

Chinstrap
The chinstrap shall consist of two pieces of 3/4" black Nomex® webbing with a super-tough nylon quick-release buckle and a chrome-plated postman's slide fastener.

The male side of the quick-release buckle shall be anchored to the right side of the outer shell with a dielectric anchor block secured to the faceshield-mounting bracket with two stainless steel screws. The long portion of the chinstrap with the female side of the quick-release buckle and the postman's slide fastener shall be attached to the left side of the outer shell in the same manner.

When the chinstrap is connected and fully extended, maximum length shall be at least 24" when measured from one anchor block to the opposite anchor block.

Ear/Neck Protector
The ear/neck protector shall consist of a 6-oz. rip-stop Nomex outer shell backed with two layers of flame retardant cotton flannel for comfort and protection. A 1" strip of Velcro loop material shall be stitched in one continuous band across the top of the outer shell of the ear/neck protector for attachment to the inner shell.

When properly attached to the inner shell of the helmet, the ear/neck protector shall have the following minimum coverage to the sides and rear of the helmet brim:

1. 6" from the sides of the helmet brim at the chinstrap.
2. 6-1/2" from the center rear of the helmet brim.

Faceshield
The faceshield shall be a hard-coated high heat thermoplastic material 4" x 15" that is molded in the formed position and designed to fit the contour of the helmet brim. The faceshield shall be certified to meet the optic requirements of ANSI/ISEA Z87.1 Standard for Eye and Face Protection. This certification shall be in addition to compliance with NFPA 1971-2013 requirements for heat and impact performance.

When mounted, the faceshield shall permit a minimum retractability of 90° in the stowed position.

The faceshield shall be mounted to the brim of the outer shell by a glass-reinforced, flame resistant, nylon handwheel/stainless steel threaded stud attached to a brass T-nut which is supported by an aluminum washer and mounting bracket. The faceshield hardware shall be compliant to NFPA 1971-2013. The mounting bracket shall be secured to the brim of the outer shell by the chinstrap screws. A thermoplastic spacer washer shall be used to bridge the mounting bracket adjoining the edge beading.

Retro-reflective Trim
The outer shell shall have 5 - 1" x 4" fluorescent lime-yellow, retro-reflective markings located around the circumference of the outer shell. The reflective materials shall be glass bead based to maximize the resistance to heat exposure experienced in firefighting. Vinyl based reflective materials will not be considered equal.

Warranty
Bullard warrants to the original purchaser that the firefighter helmet and non-electronic components are free of defects in materials and workmanship under normal use and service for a period of five (5) years from the date of manufacture on the helmet shell and lifetime (as defined in NFPA 1851: 10 years) warranty on the non-electronic components.

Americas:
Bullard
1898 Safety Way
Cynthiana, KY 41031-9303 • USA
Toll-free within USA: 877-BULLARD (285-5273)
Tel: +1-859-234-6616
Fax: +1-859-234-8987

Europe:
Bullard GmbH
Lilienthalstrasse 12
53424 Remagen • Germany
Tel: +49-2642 999980
Fax: +49-2642 9999829

Asia-Pacific:
Bullard Asia Pacific Pte. Ltd.
LHK Building
701, Sims Drive, #04-03
Singapore 387383
Tel: +65-6745-0556
Fax: +65-6745-5176

December 18, 2015

Mr. Keith Kegley
Quality Control Manager
Bullard
1898 Safety Way
Cynthiana, KY 41031-9303

Certification Letter

Dear Mr. Kegley:

We are pleased to confirm that the Structural Fire Fighting Helmet models below are certified by the Safety Equipment Institute, effective December 18, 2015. Annual certification testing was successfully completed on June 22, 2015 in accordance with the requirements of *NFPA 1971-2013, Standard on Protective Ensembles for Structural Fire Fighting and Proximity Fire Fighting.*

SEI Ref. No.	Brand	Model No.
FF BUL 06	Firedome FXA1	FXA1 - with R325, R330 or R334 faceshield

The SEI Certification Mark may be used in the marketing, packaging and promotion of the model detailed above, in accordance with the provisions of the *SEI Certification Program Manual.*

Per the SEI Certification Program Manual, SEI shall certify the manufacturer's product model(s) and grant the right to use the SEI certification mark when 1) the Testing Laboratory has determined that the product model submitted and tested successfully meets the appropriate product standard, 2) the Quality Assurance Auditor has determined that the manufacturer complies with SEI quality assurance requirements through an on-site audit, including a review of the quality manual and procedures, 3) the manufacturer has paid all fees, and 4) product liability insurance requirements are met.

Following initial certification, SEI conducts annual follow-up testing on samples which are selected by SEI during the annual quality assurance audit. SEI's certification program is accredited as a System Type 5 per ISO/IEC 17067:2013(E).

Thank you for your participation in the SEI Certification Program. If you have any questions, please contact the SEI Office.

Sincerely,

Dean D. Moran
Program Manager

Stephen R. Sanders
Technical Director

cc: Paul Clarke, SEI Auditor

Bullard Fire Helmet Warranty

BEST IN CLASS

Effective January, 2010

Bullard offers a best in class warranty. Bullard warrants to the original purchaser that the firefighter helmet and non-electronic components are free of defects in materials and workmanship under normal use and service for a period of five (5) years from the date of manufacture on the helmet shell and lifetime (as defined in NFPA 1851: ten years) warranty on the non-electronic components. The Bullard obligation under this warranty is limited to repairing or replacing articles that are returned within the warranty period, shown to be defective after inspection by Bullard, and subject to the following limitations:

Helmet must be returned to Bullard with shipping charges prepaid
Helmet must not be altered from its original factory configuration
Helmet must not have been abused, neglected or damaged in transport

In no event shall Bullard be responsible for consequential damages incurred by the user or a third party, whether those damages include loss of use or other indirect, incidental, or consequential damages, special costs or expenses. Bullard offers no warranty on components or accessories NOT manufactured or supplied by Bullard.

ANY IMPLIED WARRANTIES, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO FIVE (5) YEARS ON THE HELMET SHELL AND LIFETIME (NFPA 1851: TEN YEARS) ON THE NON-ELECTRONIC COMPONENTS FROM THE DATE OF MANUFACTURE OF THIS PRODUCT.

Americas:
E.D. Bullard Company
1898 Safety Way · Cynthiana, KY 41031-9303
Toll free: 877-BULLARD (285-5273)
Tel: 859-234-6616
Fax: 859-234-8987
www.bullard.com

Europe:
Bullard GmbH
Lilienthalstrasse 12
53424 Remagen · Germany
Tel: +49-2642 999980
Fax : +49-2642 9999829
www.bullardextrem.com

Asia-Pacific:
Bullard Asia Pacific Pte. Ltd.
LHK Building
701, Sims Drive, #04-02 · Singapore 387383
Tel: +65-6745-0556
Fax: +65-6745-5176
www.bullard.com

September 23, 2014

Mr. Jerry Pounds
Shelby Group International, Inc.
3035 Centre Oak Way
Suite 102
Germantown, TN 38138

Certification Letter

Dear Mr. Pounds:

We are pleased to confirm that the Structural Fire Fighting Glove models below are certified by the Safety Equipment Institute, effective September 23, 2014. Annual certification testing was successfully completed in accordance with the requirements of *NFPA 1971-2013 Standard on Protective Ensembles for Structural Fire Fighting and Proximity Fire Fighting.*

SEI Ref. No.	Brand	Model No.	Passed Testing
FFG SGI 02	SHELBY FDP	5225 – Wristlet 5226 – Gauntlet Pigskin: Popcorn/Black	June 21, 2014
FFG SGI V01	SHELBY FDP	5225 – Wristlet 5226 – Gauntlet Pigskin: Popcorn	June 21, 2014
FFG SGI V03	SHELBY FDP	5225 – Wristlet 5226 – Gauntlet Pigskin/Cow: Popcorn/Gold	June 21, 2014
FFG SGI V04	SHELBY FDP	5280 – Wristlet 5280G – Gauntlet Elk/Pig: Gold/Black	June 21, 2014
FFG SGI V07	SHELBY FDP	5286 – Wristlet 5286G – Gauntlet Cow/Elk	June 21, 2014

The SEI Certification Mark may be used in the marketing, packaging and promotion of the model(s) detailed above, in accordance with the provisions of the *SEI Certification Program Manual.*

Per the SEI Certification Program Manual, SEI shall certify the manufacturer's product model(s) and grant the right to use the SEI certification mark when 1) the Testing Laboratory has determined that the product model submitted and tested successfully meets the appropriate product standard, 2) the Quality Assurance Auditor has determined that the manufacturer complies with SEI quality assurance requirements through an on-site audit, including a review of the quality manual and procedures, 3) the manufacturer has paid all fees, and 4) product liability insurance requirements are met.

Following initial certification, SEI conducts annual follow-up testing on samples which are selected by SEI during the annual quality assurance audit. SEI's certification program is accredited as a System Type 5 per ISO/IEC Guide 67:2004(E).

Thank you for your participation in the SEI Certification Program. If you have any questions, please contact the SEI Office.

Sincerely,

Tricia Hock
Program Development Director

William A. Fithian
Technical Director

cc: Robert Bilz, SEI Auditor

WARRANTY

Shelby Specialty Gloves warrants its products to be free from defects in materials and workmanship for a period of one year from the date of receipt when properly used and cared for.

Our obligation under this warranty shall be limited to the replacement without charge, of any product, which is returned to Shelby, examined and found to be defective.

This warranty shall not be effective unless our products are used for the purpose for which they are designed as stated in Shelby's literature and in accordance with warnings, use limitations, and care and maintenance instructions given on labels or that may be affixed to such product. Glove must be laundered prior to shipping and must be labeled NFPA compliant.

Please call Shelby Specialty Gloves for an R.G.A. number before returning the gloves. Our warehouse will not accept returns without an R.G.A. number.

SHELBY®
SPECIALTY GLOVES
Phone: 800-888-3598 Fax: 901-362-9127

COBRA CARBON SHIELD™ HOODS FROM PGI

CARBON SHIELD

FORGED BY FIRE

COBRA STRIKES AGAIN!

NOW PGI'S COBRA™ SERIES IS AVAILABLE IN REVOLUTIONARY CARBON FIBER!

As technology continually moves forward, you've relied on PGI to be the innovators in developing, designing and introducing the latest in protective fabrics to our industry.

Carbon Shield™ is a flame resistant fabric breakthrough based on carbon fiber technology.

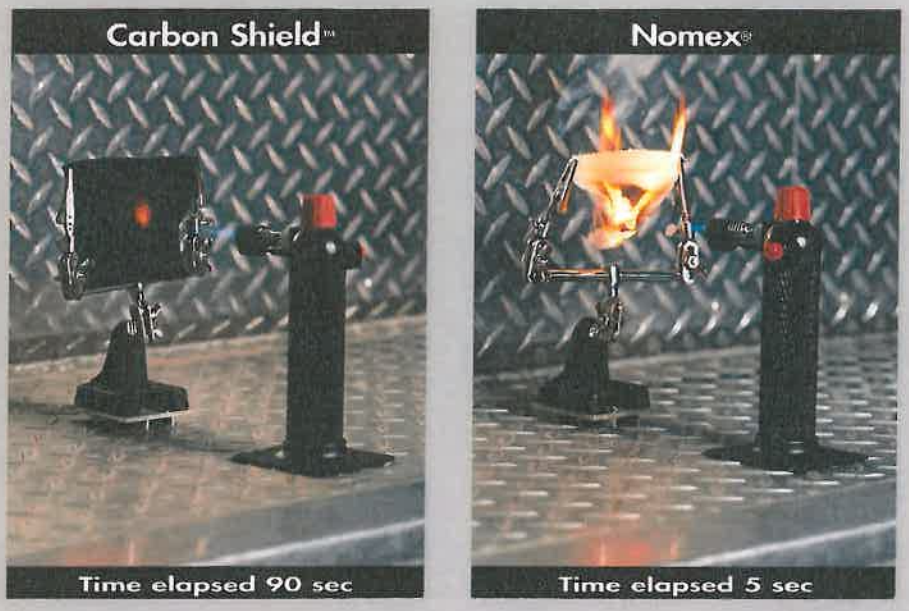
The fabric simply won't burn in air. Tests show that Carbon Shield™ doesn't shrink, crack or decompose when exposed to direct heat or flame at temperatures exceeding 2300°F (1300°C) for over 90 seconds. In comparison, the leading flame resistant fabrics burn, begin to shrink while charring, then crack and decompose. This is all in about 5 seconds. Carbon Shield™ is manufactured through a proprietary cooking process where the yarns receive their initial carbonization. This process of carbonizing the fiber, by actually forging it in fire, is what sets Carbon Shield™ apart from all other flame resistant fabrics.

There's no room for compromise when it comes to protection. Carbon Shield™ is the ultimate high-tech fabric for thermal protection and comfort.

CARBON SHIELD™ PUTS

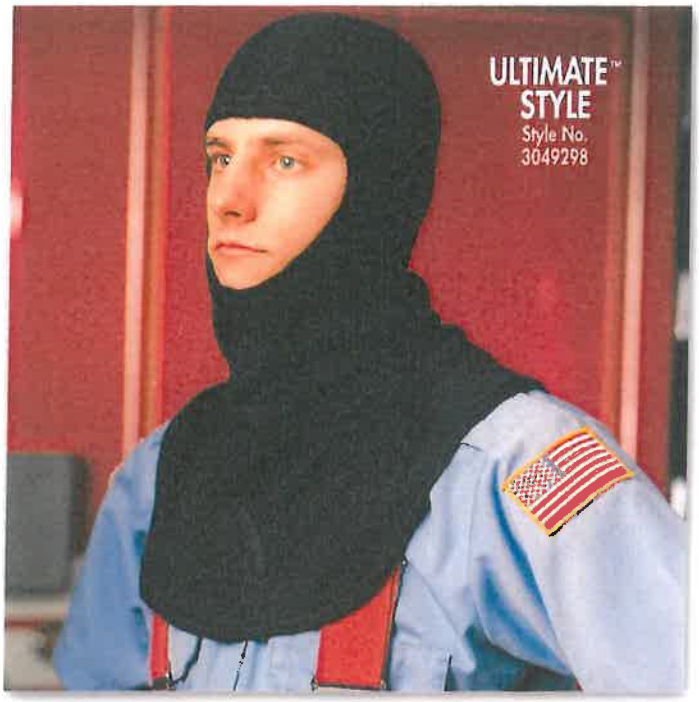
Visual results of 2372°F (1300°C) torch test. After 5 seconds traditional flame resistant fabrics actually combust, severely shrinking and charring, becoming brittle and prone to break open.

On the other hand, the Carbon Shield™ fabric remains dimensionally stable, even after an astounding 90 seconds. Carbon Shield™ gives you the extra time you need to get out safely.



COBRA CARBON SHIELD™ HOODS FROM PGI

UL Classified in two styles to NFPA 1971 (Current Edition) for Structural Firefighting



CLASSIC™ style hood is designed to provide double layer coverage of the neck, upper chest and to the top of the shoulder blades. Shoulders are contoured to reduce bunching of the bib. To ensure the hood stays tucked in, we've made the hood 3" longer in the front than NFPA requires.

ULTIMATE™ style hood is designed for maximum double layer protection. Hood covers chest, shoulders and shoulder blades.

Both styles feature flat stitching and seamless chin area for better fit and comfort, 1/2" wide elastic face opening which stretches to a full 17" for easy donning and a snug fit around SCBA mask. Bottom edge is bound with self-fabric bias binding and all sewing is done with 100% Nomex thread.

TIME ON YOUR SIDE

CARBON SHIELD FORGED BY FIRE

Features/Benefits of Cobra Carbon Shield Hoods

Non-flammable
If exposed to extreme heat or flame fabric glows but won't burn. It retains a certain tenacity at temperatures exceeding 2300°F for over 90 seconds.

Non-melting
Absolutely melt-proof and doesn't become stiff. It remains soft to the touch after being exposed to fire.

Excellent Stretch & Recovery Properties
1 x 1 Rib Knit construction. Knit to allow 200% stretch for maximum stretch and recovery.

Non-shrinking
The space between the clothing and the body reduces and protects against burns. Carbon Shield™ is almost totally non-shrinking when exposed to flame and heat.

Forms No Openings
If an opening should form, fire comes into direct contact with the body and increases the possibility for burns. Because fabric doesn't melt or stiffen and is non-shrinking, it develops no openings.

Deposits No Tar
When clothing melts or stiffens and decomposes in a fire, it deposits a by-product tar in the form of a liquid, which has a similar effect as melting increasing the risk of burns. Carbon Shield™ deposits no tar.

Low Heat Conductivity - (Disburses Heat Energy)
In order to ensure the time to escape from fire, clothing must possess the property of delaying the transmission of heat. PGI's Carbon Shield™ has a low heat conductivity.

Lightweight Yet Excellent TPP
Weighs only 6.5 oz./sq. yd. which is over 20% lighter than most NFPA compliant hoods, yet still has excellent Thermal Protection Performance (TPP) rating of 28.

Infrared Non-Reflective
Excellent for police/swat teams as well as military applications

Chemical Resistance
Excellent resistance to organic solvents, weak alkalis and weak acids.

Natural Black Color Hides Soil

Comfortable
Fabric has an excellent moisture regain (approx. 8%) and wicks moisture away from the skin to the outer shell, enabling it to evaporate at a rapid rate. The aspect of wicking moisture off the body not only offers a more comfortable garment but also improves protection.

Excellent Shape Retention
Unlike some hood fabrics which don't hold their shape after laundering, Carbon Shield™ has extremely low shrinkage and looks virtually unchanged after repeated washings & dryings. Also, after laundering fabric showed no change in flame resistance or thermal protection.

Odor Absorbing Qualities
Has ability to absorb and neutralize unpleasant odors, a considerable advantage when opportunities for washing are limited.

Resistant to Ultra Violet Rays
Will not fade or weaken when exposed to UV rays.

Highest Limiting Oxygen Index (LOI)
Flame resistance is commonly measured by LOI, the amount of oxygen needed to support combustion. The higher the LOI value, the more flame-resistant the material. Carbon Shield has an LOI which is over 50% higher than Nomex and 33% higher than PBI FR Rayon blends.

Meets NFPA Requirements
UL Classified to meet the current hood requirements of NFPA 1971, Standard on Protective Ensemble for Structural Firefighting.

Meets CAL-OSHA Requirements
Passes Fed. Test 191, Method 5903.2; CAL-OSHA Sections 3406(d)

Complies with OSHA Rule 29 CFR Part 1910, 269

Meets NFPA 70E and ASTM F 1506 Requirements
ATPV 23- HRC 2

Meets CE Requirements
Ultimate Style No. 3049298 - Meets or exceeds Draft European Standard EN 13911

Carbon Shield™ is made from CarbonX® fabric from Chapman Thermal Products, A Division of Chapman Racing Heads

ISO9001 Registered Quality System

ARC FLASH RESISTANT ATPV 23 - HRC 2

PGI, Inc. · PO Box 307 · Green Lake, WI 54941 · USA · Toll Free Phone: 800-558-8290 · Phone: 920-294-4300 · Fax: 920-294-4307
Email: mail@pgi-inc.com · Website: www.pgi-inc.com

COBRA™ ULTIMATE™ HOOD

Style # 3049298 **Material:** Carbon Shield™

Arc Rating: 23.3 **HRC Rating: 2**

DESIGN: Extra Long Double ply hood throughout

- X-Long length covers chest, shoulders and shoulder blades
- Flat-stitched seams
- X-heavy 1/2" wide elasticized face opening.
- Cover stitched bound drape
- Double-ply hood throughout
- UL Classified to NFPA 1971: Standard on Protective Ensembles for Structural Fire Fighting and Proximity Fire Fighting – Current Edition

CARBON SHIELD CARBON X CLASSIFIED UL ISO9001

PRODUCT SPECS

FABRIC:
- Both outer shell and lining are a blend of Carbon/High Strength Aramid - approx. 6.5 oz sq yd.
- 1 x 1 rib knit fabric - knit to allow approx. 130% stretch for maximum stretch and recovery.
- Calendared to minimize laundry shrinkage.

STITCH TYPES AND SEAMS:
- All stitching conforms to federal Standard 751 Specifications (FEDSTD-751).
- Major seams are flat seam assembled, stitch type 607.
- Drape attachment to top is done with stitch type 401 and reinforced with stitch type 605
- Elastic in face opening is erged in with stitch type 503 and reinforced with bottom cover-stitch, stitch type 406.
- Binding is applied with bottom cover-stitch, stitch type 406.

THREAD:
All seams are sewn with 100% Nomex thread size Tex 40.

CONSTRUCTION:
- Composed of two layers throughout.
- For a contoured fit the hood is seamed from top of face opening to back of head.
- Face opening is circular in shape and serged with x-heavy duty ½" wide elastic around the perimeter. The elastic is then folded back ½" and cover stitched. The face opening stretches a full 16" (which is 25% more than conventional hoods) for easy donning and a snug fit around face of SCBA mask. Face opening maintains original shape after repeated launderings.
- The bottom edge of hood is bound with self-material bias binding.
- Gusset added at side seams to provide complete shoulder coverage and smoother drape.

FINISHED HOOD MEASUREMENTS:

1. Face opening is circular and measures between 4.6" to 5.6" in diameter.
2. Length of hood below face opening approx. 12".
3. Length of hood at side from top to bottom approx. 17".
4. Length of hood at front and back from top to bottom approx. 19½".
5. Length of hood at front top to bottom approx. 20".

Size: One size hood fits all.

Labeling and User Information:
Each hood is clearly labeled to identify material contents, NFPA acceptance, UL Classification, Date of Manufacture, and Care Instructions. Included with each hood is a complete users information guide.

Meets or Exceeds Industry Standards CLASSIFIED UL ISO9001

UL classified to meet or exceed NFPA 1971 - Current Edition; Compliant with CAL-OSHA, Sections 3406 and 3410(d) and OSHA Rule 29 CFR, Part 1910, 269. Compliant with NFPA 70E Current Edition and meets performance specifications of ASTM-F-1506. ARC Rating: 23.3 - Hazard / Risk Category: 2.

FEATURES and BENEFITS

CARBON SHIELD

CARBON X NON-FLAMMABLE FABRICS

Carbon Shield is a flame resistant fabric breakthrough based on carbon fiber technology. Considered the ultimate high-tech fabric for thermal protection and comfort. During the torch test, after about 5 seconds, traditional FR fabrics combust, severely shrinking and charring. Carbon Shield remains dimensionally stable even after 90 seconds, giving you the extra time you need to get out safely. Properties of Carbon Shield include:

- Non-flammable: If exposed to extreme heat or flame fabric glows but won't burn. It retains a certain tenacity at temperatures exceeding 2300°F for over 90 seconds.
- Non-melting: Absolutely melt-proof and doesn't become stiff. It remains soft to the touch after being exposed to fire.
- Arc Resistant – ATPV 23.3 HRC 2
- Superior Protection from Welding Sparks and Molten Metal: Resists pin holing from welding sparks and splatter. Sheds most molten metals and will not melt, ignite or burn even in the most severe levels of exposure offering unparalleled protection from molten metal splash.
- Non-Shrinking: The space between the clothing and the body reduces and protects against burns. Carbon Shield™ is almost totally non-shrinking when exposed to flame and heat.
- Forms No Openings: If an opening should form, fire comes into direct contact with the body and increases the possibility for burns. Because fabric doesn't melt or stiffen and is non-shrinking, it develops no openings.
- Deposits No Tar: When clothing melts or stiffens and decomposes in a fire, it deposits a by-product tar in the form of a liquid, which has a similar efect as melting increasing the risk of burns. Carbon Shield™ deposits no tar.
- Low Heat Conductivity – (Disburses Heat Energy): In order to ensure the time to escape from fire, clothing must possess the property of delaying the transmission of heat. PGI's Carbon Shield™ has a low heat conductivity.
- Infrared Non-Reflective: Excellent for police/swat teams as well as military applications.
- Natural Black Color Hides Soil
- Lightweight Yet Excellent TPP: Weighs only 6.5 oz. /sq. yd. which is over 20% lighter than most NFPA compliant hoods, yet still has excellent Thermal Protection Performance (TPP) rating of 28.
- Excellent Stretch & Recovery Properties: 1 x 1 Rib knit construction. Knit to allow 200% stretch for maximum stretch and recovery.
- Fabric has an excellent moisture regain (approx. 8%) and wicks moisture away from the skin to the outer shell, enabling it to evaporate at a rapid rate. The aspect of wicking moisture off the body not only offers a more comfortable garment but also improves protection.
- Chemical Resistance: Excellent resistance to organic solvents, weak alkalis and weak acids.
- Excellent Shape Retention: Unlike some hood fabrics which don't hold their shape after laundering, Carbon Shield™ has extremely low shrinkage and looks virtualunchanged after repeated washings and dryings. Also, after laundering fabric showed no change in flame resistance or thermal protection.
- Odor Absorbing Qualities: Has ability to absorb and neutralize unpleasant odors, a considerable advantage when opportunities for washing are limited.
- Resistant to Ultra Violet Rays: Will not fade or weaken when exposed to UV rays.
- Highest Limiting Oxygen Index (LOI): Flame resistance is commonly measured by LOI, the amount of oxygen needed to support combustion. The higher the LOI value, the more flame resistant the material. Carbon Shield™ has an LOI which is over 50% higher than Nomex and 33% higher than PBI FR Rayon blends.
- Meets NFPA Requirements: UL Classified to meet the current hood requirements of NFPA 1971, Standard on Protective Ensembles for Structural Fire fighting and Proximity Fire Fighting (Classic, Ultimate and Elite Styles).
- Meets CAL-OSHA REQUIRMENTS: Passes Fed. Test 191, Method 5903.2: CAL-OSHA Sections 3406(d)
- Complies with OSHA Rule 29 CFR Part 1910, 269
- Meets CE Requirements: Meets or exceeds Draft European Standard prEN 13911 (Classic, Ultimate and Elite Styles).
- Compliant with NFPA 70E – Current Edition: Meeting the performance specifications of ASTM-F-1506 (On double ply hoods)

FABRIC PERFORMANCE VALUES

Arc Thermal Performance Value (ATPV)	23.3
Thermal Protection Performance (TPP)	
Initial (seconds)	24
After 5 washings (seconds)	27.6
*TPP at heat flux of 2.0 cal/cm2 sec	
After Flame	
Initial (Inches)	0x0
Warp(wales)xFill (Courses)	
After 5 washings (seconds)	0x0
Char Length	
Initial (inches)	2 x 1.9
After 5 washings (inches)	1.4 x 2.3
Fabric Burst Strength (N)	287
Seam Burst Strength (N)	469.1
Heat and Thermal Shrinkage	
After 5 washings	0%
Limiting Oxygen Index (LOI)	55
Melt or Drip when exposed to flame	None

KEEP A COOL HEAD UNDER FIRE™

COBRA™ ULTIMATE™ HOOD

Style # 3049298 **Material:** Carbon Shield™

Arc Rating: 23.3 **HRC Rating: 2**

DESIGN: Extra Long Double ply hood throughout

- X-Long length covers chest, shoulders and shoulder blades
- Flat-stitched seams
- X-heavy 1/2" wide elasticized face opening.
- Cover stitched bound drape
- Double-ply hood throughout
- UL Classified to NFPA 1971: Standard on Protective Ensembles for Structural Fire Fighting and Proximity Fire Fighting – Current Edition

CARBON SHIELD

CARBON X

ISO9001

PRODUCT SPECS

FABRIC:

- Both outer shell and lining are a blend of Carbon/High Strength Aramid - approx. 6.5 oz sq yd.
- 1 x 1 rib knit fabric - knit to allow approx. 130% stretch for maximum stretch and recovery.
- Calendared to minimize laundry shrinkage.

STITCH TYPES AND SEAMS:

- All stitching conforms to federal Standard 751 Specifications (FEDSTD-751).
- Major seams are flat seam assembled, stitch type 607.
- Drape attachment to top is done with stitch type 401 and reinforced with stitch type 605
- Elastic in face opening is erged in with stitch type 503 and reinforced with bottom cover-stitch, stitch type 406.
- Binding is applied with bottom cover-stitch, stitch type 406.

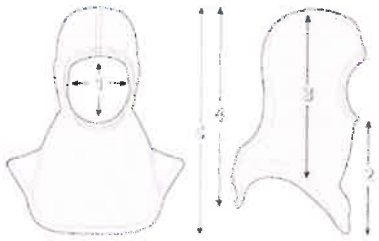
THREAD:

All seams are sewn with 100% Nomex thread size Tex 40.

CONSTRUCTION:

- Composed of two layers throughout.
- For a contoured fit the hood is seamed from top of face opening to back of head.
- Face opening is circular in shape and serged with x-heavy duty ½" wide elastic around the perimeter. The elastic is then folded back ½" and cover stitched. The face opening stretches a full 16" (which is 25% more than conventional hoods) for easy donning and a snug fit around face of SCBA mask. Face opening maintains original shape after repeated launderings.
- The bottom edge of hood is bound with self-material bias binding.
- Gusset added at side seams to provide complete shoulder coverage and smoother drape.

FINISHED HOOD MEASUREMENTS:



1. Face opening is circular and measures between 4.6" to 5.6" in diameter.
2. Length of hood below face opening approx. 12".
3. Length of hood at side from top to bottom approx. 17".
4. Length of hood at front and back from top to bottom approx. 19½".
5. Length of hood at front top to bottom approx. 20".

Size: One size hood fits all.

Labeling and User Information:
Each hood is clearly labeled to identify material contents, NFPA acceptance, UL Classification, Date of Manufacture, and Care Instructions. Included with each hood is a complete users information guide.

Meets or Exceeds Industry Standards ISO9001

UL classified to meet or exceed NFPA 1971 - Current Edition; Compliant with CAL-OSHA, Sections 3406 and 3410(d) and OSHA Rule 29 CFR, Part 1910, 269. Compliant with NFPA 70E Current Edition and meets performance specifications of ASTM-F-1506. ARC Rating: 23.3 - Hazard / Risk Category: 2.

FEATURES and BENEFITS

Carbon Shield is a flame resistant fabric breakthrough based on carbon fiber technology. Considered the ultimate high-tech fabric for thermal protection and comfort. During the torch test, after about 5 seconds, traditional FR fabrics combust, severely shrinking and charring. Carbon Shield remains dimensionally stable even after 90 seconds, giving you the extra time you need to get out safely. Properties of Carbon Shield include:

- Non-flammable: If exposed to extreme heat or flame fabric glows but won't burn. It retains a certain tenacity at temperatures exceeding 2300°F for over 90 seconds.
- Non-melting: Absolutely melt-proof and doesn't become stiff. It remains soft to the touch after being exposed to fire.
- Arc Resistant – ATPV 23.3 HRC 2
- Superior Protection from Welding Sparks and Molten Metal: Resists pin holing from welding sparks and splatter. Sheds most molten metals and will not melt, ignite or burn even in the most severe levels of exposure offering unparalleled protection from molten metal splash.
- Non-Shrinking: The space between the clothing and the body reduces and protects against burns. Carbon Shield™ is almost totally non-shrinking when exposed to flame and heat.
- Forms No Openings: If an opening should form, fire comes into direct contact with the body and increases the possibility for burns. Because fabric doesn't melt or stiffen and is non-shrinking, it develops no openings.
- Deposits No Tar: When clothing melts or stiffens and decomposes in a fire, it deposits a by-product tar in the form of a liquid, which has a similar efect as melting increasing the risk of burns. Carbon Shield™ deposits no tar.
- Low Heat Conductivity – (Disburses Heat Energy): In order to ensure the time to escape from fire, clothing must possess the property of delaying the transmission of heat. PGI's Carbon Shield™ has a low heat conductivity.
- Infrared Non-Reflective: Excellent for police/swat teams as well as military applications.
- Natural Black Color Hides Soil
- Lightweight Yet Excellent TPP: Weighs only 6.5 oz. /sq. yd. which is over 20% lighter than most NFPA compliant hoods, yet still has excellent Thermal Protection Performance (TPP) rating of 28.
- Excellent Stretch & Recovery Properties: 1 x 1 Rib knit construction. Knit to allow 200% stretch for maximum stretch and recovery.
- Fabric has an excellent moisture regain (approx. 8%) and wicks moisture away from the skin to the outer shell, enabling it to evaporate at a rapid rate. The aspect of wicking moisture off the body not only offers a more comfortable garment but also improves protection.
- Chemical Resistance: Excellent resistance to organic solvents, weak alkalis and weak acids.
- Excellent Shape Retention: Unlike some hood fabrics which don't hold their shape after laundering, Carbon Shield™ has extremely low shrinkage and looks virtualunchanged after repeated washings and dryings. Also, after laundering fabric showed no change in flame resistance or thermal protection.
- Odor Absorbing Qualities: Has ability to absorb and neutralize unpleasant odors, a considerable advantage when opportunities for washing are limited.
- Resistant to Ultra Violet Rays: Will not fade or weaken when exposed to UV rays.
- Highest Limiting Oxygen Index (LOI): Flame resistance is commonly measured by LOI, the amount of oxygen needed to support combustion. The higher the LOI value, the more flame resistant the material. Carbon Shield™ has an LOI which is over 50% higher than Nomex and 33% higher than PBI FR Rayon blends.
- Meets NFPA Requirements: UL Classified to meet the current hood requirements of NFPA 1971, Standard on Protective Ensembles for Structural Fire fighting and Proximity Fire Fighting (Classic, Ultimate and Elite Styles).
- Meets CAL-OSHA REQUIRMENTS: Passes Fed. Test 191, Method 5903.2: CAL-OSHA Sections 3406(d)
- Complies with OSHA Rule 29 CFR Part 1910, 269
- Meets CE Requirements: Meets or exceeds Draft European Standard prEN 13911 (Classic, Ultimate and Elite Styles).
- Compliant with NFPA 70E – Current Edition: Meeting the performance specifications of ASTM-F-1506 (On double ply hoods)

FABRIC PERFORMANCE VALUES

Arc Thermal Performance Value (ATPV)	23.3
Thermal Protection Performance (TPP)	
Initial (seconds)	24
After 5 washings (seconds)	27.6
*TPP at heat flux of 2.0 cal/cm2 sec	
After Flame	
Initial (Inches)	0x0
Warp(wales)xFill (Courses)	
After 5 washings (seconds)	0x0
Char Length	
Initial (inches)	2 x 1.9
After 5 washings (inches)	1.4 x 2.3
Fabric Burst Strength (N)	287
Seam Burst Strength (N)	469.1
Heat and Thermal Shrinkage	
After 5 washings	0%
Limiting Oxygen Index (LOI)	55
Melt or Drip when exposed to flame	None

Carbon Shield™

Carbon Shield™ is a flame resistant fabric breakthrough based on carbon fiber technology and made from CarbonX® fabric.

Also available in new Sure-Fit™ Styles

Classic Style: **3029298**
Ultimate Style: **3049298**
Elite Style: **3809298**

Arc Rating: 23.3 (Level 2)

- Non-Flammable – if exposed to extreme heat or flame – fabric glows but won't burn. It retains a certain tenacity at temperatures exceeding 2300°F for over 90 seconds.
- Excellent Stretch & Recovery
- Excellent chemical resistance to organic solvents, weak alkalis and weak acids.
- Lightweight, yet excellent TPP (28) – weights only 6.5 oz. sq. yd.
- Infrared Non-Reflective
- Comfortable – fabric has an excellent moisture regain and wicks moisture away from the skin to the outer shell, enabling it to evaporate at rapid rate.
- Resistant to Ultra Violet Rays
- Natural Black Color Hides Soil
- UL Classified to NFPA 1971 – Current Edition

Fabric Performance Values	
Arc Thermal Performance Value (ATPV)	23.3
Thermal Protection Performance (TPP)	
Initial (seconds)	24
After 5 washings (seconds)	27.6
*TPP at heat flux of 2.0 cal/cm2 sec	
After Flame	
Initial (Inches)	0x0
Warp(wales)xFill (Courses)	
After 5 washings (seconds)	0x0
Char Length	
Initial (inches)	2 x 1.9
After 5 washings (inches)	1.4 x 2.3
Fabric Burst Strength (N)	287
Seam Burst Strength (N)	469.1
Heat and Thermal Shrinkage	
After 5 washings	0%
Limiting Oxygen Index (LOI)	55
Melt or Drip when exposed to flame	None

COBRA FIREFIGHTING HOODS

CARBON SHIELD

Carbon Shield™

Classic Style 3029298

Classic Style 3029298-SF (Sure Fit Panel)

Ultimate Style 3049298

Ultimate Style 3049298-SF (Sure Fit Panel)

Elite Style 3809298

Elite Style 3809298-SF (Sure Fit Panel)

OUTFITTING THE WORLD FOR SAFETY

ISO 9001:2000 Registered Company

Cobra™ Fire Fighting Hoods
Hood Inspection for NFPA 1851

1. Hoods are inspected for the same criteria for both routine and advanced inspections. The only difference is that each individual fire fighter performs routine inspection daily and on a yearly basis an individual is assigned by the department to perform the advanced inspection.

2. Hoods should be inspected for the following- per our Cobra Users Guide:

(1) Soiling
(2) Contamination
(3) Physical damage-
Rips, Tears, Cuts, Thin Spots, and Loss of Shape
(4) Loss of elasticity in the face opening

3. PGI recommends that the individual who is trained to perform advanced inspection of turnouts perform the fire departments advanced inspection of hoods. This individual already has the training needed to perform the inspection as listed in Item Number 2.

550 Commercial Ave. ● P.O. Box 307 ● Green Lake, WI 54941● (920) 294-4300 or (800) 558-8290
Fax (920) 294-4307 ● Web Site = http://www.pgi-inc.com ● E-Mail= mail@pgi-inc.com

CERTIFICATE OF COMPLIANCE

Certificate Number	082813-MH15078
Report Reference	MH15078-20130828
Issue Date	2013-August-28

Issued to: PGI Inc
550 Commercial Ave
P.O. Box 307
Green Lake, WI 54941

This is to certify that representative samples of Structural Fire Fighting Hoods
See Following Pages for Models

Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.

Standard(s) for Safety: NFPA 1971, Standard on Protective Ensembles for Structural Fire Fighting and Proximity Fire Fighting, 2013 Edition

Additional Information: See the UL Online Certifications Directory at www.ul.com/database for additional information

Only those products bearing the UL Classification Mark should be considered as being covered by UL's Classification and Follow-Up Service.

The UL Classification Mark includes: UL in a circle: with the word "CLASSIFIED" (as shown); a control number (may be alphanumeric) assigned by UL; a statement to indicate the extent of UL's evaluation of the product; and the product category name (product identity) as indicated in the appropriate UL Directory.

Look for the UL Classification Mark on the product.

William R. Carney

William R. Carney, Director, North American Certification Programs

UL LLC

CERTIFICATE OF COMPLIANCE

Certificate Number 082813-MH15078
Report Reference MH15078-20130828
Issue Date 2013-August-28

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

UL ID	Hood Model Or Style	Outer Layer	Inner Layer
15078010501	30181## Classic	Nomex®(Meta-Aramid) /Lenzing	Comfort Plus™
	30381## Ultimate	Nomex®(Meta-Aramid) /Lenzing	Comfort Plus™
	38081## Elite	Nomex®(Meta-Aramid) /Lenzing	Comfort Plus™
	30181##-SF Classic Sure Fit	Nomex®(Meta-Aramid) /Lenzing	Comfort Plus™
	30381##-SF Ultimate Sure Fit	Nomex®(Meta-Aramid) /Lenzing	Comfort Plus™
	38081##-SF Elite Sure Fit	Nomex®(Meta-Aramid) /Lenzing	Comfort Plus™
15078010502	30182## Classic	PBI®/Lenzing FR®	Comfort Plus™
	30382## Ultimate	PBI®/Lenzing FR®	Comfort Plus™
	30182##-SF Classic Sure Fit	PBI®/Lenzing FR®	Comfort Plus™
	30382##-SF Ultimate Sure Fit	PBI®/Lenzing FR®	Comfort Plus™
15078010503	30183## Classic	P84®/Lenzing FR®	Comfort Plus™
	30383## Ultimate	P84®/Lenzing FR®	Comfort Plus™
	30183##-SF Classic Sure Fit	P84®/Lenzing FR®	Comfort Plus™
	30383##-SF Ultimate Sure Fit	P84®/Lenzing FR®	Comfort Plus™
15078010504	30282## Classic	PBI®/Lenzing FR®	PBI®/Lenzing FR®
	30482## Ultimate	PBI®/Lenzing FR®	PBI®/Lenzing FR®
	38082## Elite	PBI®/Lenzing FR®	PBI®/Lenzing FR®
	30282##-SF Classic Sure Fit	PBI®/Lenzing FR®	PBI®/Lenzing FR®
	30482##-SF Ultimate Sure Fit	PBI®/Lenzing FR®	PBI®/Lenzing FR®
	38082##-SF Elite Sure Fit	PBI®/Lenzing FR®	PBI®/Lenzing FR®

- Denotes Color Of Hood Fabric

William R. Carney, Director, North American Certification Programs
UL LLC

CERTIFICATE OF COMPLIANCE

Certificate Number 082813-MH15078
Report Reference MH15078-20130828
Issue Date 2013-August-28

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

UL ID	Model/Style	Outer Layer	Inner Layer
15078010505	30283## Classic	P84®/Lenzing FR®	P84®/Lenzing FR®
	30483## Ultimate	P84®/Lenzing FR®	P84®/Lenzing FR®
	38083## Elite	P84®/Lenzing FR®	P84®/Lenzing FR®
	30283##-SF Classic Sure Fit	P84®/Lenzing FR®	P84®/Lenzing FR®
	30483##-SF Ultimate Sure Fit	P84®/Lenzing FR®	P84®/Lenzing FR®
	38083##-SF Elite Sure Fit	P84®/Lenzing FR®	P84®/Lenzing FR®
15078010506	30280## Classic	Nomex®	Nomex®
	30480## Ultimate	Nomex®	Nomex®
	38080## Elite	Nomex®	Nomex®
	30280##-SF Classic Sure Fit	Nomex®	Nomex®
	30480##-SF Ultimate Sure Fit	Nomex®	Nomex®
	38080##-SF Elite Sure Fit	Nomex®	Nomex®
15078010507	30221## Classic	Ara-Tek™	Ara-Tek™
	30421## Ultimate	Ara-Tek™	Ara-Tek™
	38021## Elite	Ara-Tek™	Ara-Tek™
	30221##-SF Classic Sure Fit	Ara-Tek™	Ara-Tek™
	30421##-SF Ultimate Sure Fit	Ara-Tek™	Ara-Tek™
	38021##-SF Elite Sure Fit	Ara-Tek™	Ara-Tek™
15078010508	30220## Classic	Para-Tek™	Para-Tek™
	30420## Ultimate	Para-Tek™	Para-Tek™
	38020## Elite	Para-Tek™	Para-Tek™
	30220##-SF Classic Sure Fit	Para-Tek™	Para-Tek™
	30420##-SF Ultimate Sure Fit	Para-Tek™	Para-Tek™
	38020##-SF Elite Sure Fit	Para-Tek™	Para-Tek™

- Denotes Color Of Hood Fabric

William R. Carney, Director, North American Certification Programs
UL LLC

CERTIFICATE OF COMPLIANCE

Certificate Number 082813-MH15078
Report Reference MH15078-20130828
Issue Date 2013-August-28

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

UL ID	Model/Style	Outer Layer	Inner Layer
15078010509	30292## Classic	Carbon Shield™	Carbon Shield™
	30492## Ultimate	Carbon Shield™	Carbon Shield™
	38092## Elite	Carbon Shield™	Carbon Shield™
	30292##-SF Classic Sure Fit	Carbon Shield™	Carbon Shield™
	30492##-SF Ultimate Sure Fit	Carbon Shield™	Carbon Shield™
	38092##-SF Elite Sure Fit	Carbon Shield™	Carbon Shield™
15078010510	30222## Classic	FR Rayon/ Meta-Aramid	FR Rayon/ Meta-Aramid
	30422## Ultimate	FR Rayon/ Meta-Aramid	FR Rayon/ Meta-Aramid
	38022## Elite	FR Rayon/ Meta-Aramid	FR Rayon/ Meta-Aramid
	30222##-SF Classic Sure Fit	FR Rayon/ Meta-Aramid	FR Rayon/ Meta-Aramid
	30422##-SF Ultimate Sure Fit	FR Rayon/ Meta-Aramid	FR Rayon/ Meta-Aramid
	38022##-SF Elite Sure Fit	FR Rayon/ Meta-Aramid	FR Rayon/ Meta-Aramid

- Denotes Color Of Hood Fabric

William R. Carney, Director, North American Certification Programs
UL LLC

Globe Footwear, LLC

Limited Warranty for Globe FootGear Protective Footwear

Globe Footwear, LLC warrants its protective footwear to be free from defects in materials and workmanship for a period of one (1) year from the date of purchase when properly used and cared for. Our obligation under this warranty shall be limited to the repair or replacement, without charge, of any product which is returned to Globe at buyer's expense and is determined by us to be defective in materials or workmanship, but is otherwise serviceable.

This warranty shall not be effective unless the products are used for the purpose for which they were designed and are used by trained personnel following proper procedures and in accordance with the product's warning, use, inspection, maintenance, care, storage, and retirement instructions. Failure to properly care for the footwear will lead to a shortening of the serviceable life.

"Serviceable" refers to the general condition of the footwear which can be expected to provide at least reasonable limited protection against the hazards from which the footwear was designed to protect. "Serviceable life" is the period of time protective footwear, which has been properly cared for, can be expected to provide reasonable limited protection. "Defects in Materials" refers to weak areas or other flaws caused by irregularities in their manufacture. "Defects in Workmanship" refers to improperly manufactured seams, stitching, or other construction methods

This warranty does not cover wear and tear nor damage from fire, heat, chemicals, misuse, accident or negligence.

THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. The remedy of repair or replacement for breach of this warranty shall be the sole and exclusive remedy and Globe Footwear, LLC shall not under any circumstances be liable for incidental or consequential damages.

4/09

February 21, 2013

Mr. Roland Landry
General Manager
Falcon Performance Footwear
27 Wrights Landing
Auburn, ME 04210

Certification Letter

Dear Mr. Landry:

We are pleased to confirm that the Structural Fire Fighting Footwear models below are certified by the Safety Equipment Institute, effective February 21, 2013. Certification testing was successfully completed in accordance with the requirements of *NFPA 1971-2013 Standard on Protective Ensembles for Structural Fire Fighting and Proximity Fire Fighting.*

SEI Ref. No.	Brand	Model No.	Passed Testing
SFB FSM 05 - Variant 02	Globe FootGear	1301400 (Men's 14" Shadow) 130140W (Women's 14" Shadow) 1311400 (Men's 14" Shadow - Wide Calf) 131140W (Women's 14" Shadow - Wide Calf)	February 19, 2013

The SEI Certification Mark may be used in the marketing, packaging and promotion of the model(s) detailed above, in accordance with the provisions of the *SEI Certification Program Manual.*

Per the SEI Certification Program Manual, SEI shall certify the manufacturer's product model(s) and grant the right to use the SEI certification mark when 1) the Testing Laboratory has determined that the product model submitted and tested successfully meets the appropriate product standard, 2) the Quality Assurance Auditor has determined that the manufacturer complies with SEI quality assurance requirements through an on-site audit, including a review of the quality manual and procedures, 3) the manufacturer has paid all fees, and 4) product liability insurance requirements are met.

Following initial certification, SEI conducts annual follow-up testing on samples which are selected by SEI during the annual quality assurance audit. SEI's certification program is accredited as a System Type 5 per ISO/IEC Guide 67:2004(E).

Thank you for your participation in the SEI Certification Program. If you have any questions, please contact the SEI Office.

Sincerely,

William A. Fithian
Technical Director

Patricia A. Gleason
President

cc: Kevin Warren, SEI Auditor
Paul Clarke, SEI Auditor

September 6, 2012
Revised*: November 28, 2012

Mr. Roland Landry, General Manager
Falcon Performance Footwear
27 Wrights Landing
Auburn, ME 04210

Certification Letter

Dear Mr. Landry:

We are pleased to confirm that the Liquid Splash Ensemble - Footwear Variant models below are certified by the Safety Equipment Institute, effective September 05, 2012. Certification testing was successfully completed in accordance with the requirements of *NFPA 1992-2012 Standard on Liquid Splash-Protective Ensembles and Clothing for Hazardous Materials Emergencies.*

SEI Ref. No.	Brand	Model No.	Passed Testing
LPF FSM 02 - Variant 02	Globe FootGear	1301400 (Men's 14" - Shadow) 130140W (Women's 14" - Shadow) 1311400 (Men's 14" - Shadow - Wide Calf) 131140W (Women's 14" - Shadow - Wide Calf)	August 29, 2012

*Revised November 28, 2012 to include the wide calf models. The SEI Certification Mark may be used in the marketing, packaging and promotion of the model(s) detailed above, in accordance with the provisions of the *SEI Certification Program Manual.*

Per the SEI Certification Program Manual, SEI shall certify the manufacturer's product model(s) and grant the right to use the SEI certification mark when 1) the Testing Laboratory has determined that the product model submitted and tested successfully meets the appropriate product standard, 2) the Quality Assurance Auditor has determined that the manufacturer complies with SEI quality assurance requirements through an on-site audit, including a review of the quality manual and procedures, 3) the manufacturer has paid all fees, and 4) product liability insurance requirements are met.

Following initial certification, SEI conducts annual follow-up testing on samples which are selected by SEI during the annual quality assurance audit. SEI's certification program is accredited as a System Type 5 per ISO/IEC Guide 67:2004(E).

Thank you for your participation in the SEI Certification Program. If you have any questions, please contact the SEI Office.

Sincerely,

William A. Fithian
Technical Director

Patricia A. Gleason
President

cc: Geoff White, SEI Auditor
Kevin Warren, SEI Auditor

August 19, 2013

Ms. Julie Bellar
Honeywell First Responder Products/PRO-Warrington
1 Innovation Court
Dayton, OH 45414

Certification Letter

Dear Ms. Bellar:

We are pleased to confirm that the Structural Fire Fighting Footwear model below is certified by the Safety Equipment Institute, effective August 19, 2013. Certification testing was successfully completed in accordance with the requirements of *NFPA 1971-2013 Standard on Protective Ensembles for Structural Fire Fighting and Proximity Fire Fighting.*

SEI Ref. No.	Brand	Model No.	Passed Testing
SFB WRN 05 - Variant 11	PRO-Warrington	5007	August 14, 2013

The SEI Certification Mark may be used in the marketing, packaging and promotion of the model(s) detailed above, in accordance with the provisions of the *SEI Certification Program Manual*.

Per the SEI Certification Program Manual, SEI shall certify the manufacturer's product model(s) and grant the right to use the SEI certification mark when 1) the Testing Laboratory has determined that the product model submitted and tested successfully meets the appropriate product standard, 2) the Quality Assurance Auditor has determined that the manufacturer complies with SEI quality assurance requirements through an on-site audit, including a review of the quality manual and procedures, 3) the manufacturer has paid all fees, and 4) product liability insurance requirements are met.

Following initial certification, SEI conducts annual follow-up testing on samples which are selected by SEI during the annual quality assurance audit. SEI's certification program is accredited as a System Type 5 per ISO/IEC Guide 67:2004(E).

Thank you for your participation in the SEI Certification Program. If you have any questions, please contact the SEI Office.

Sincerely,

William A. Fithian
Technical Director

Patricia A. Gleason
President

cc: Jules Pinto, SEI Auditor

Honeywell
First Responder Products

14.WARRANTIES:

For Honeywell Protective Products:

Honeywell warrants that all turnout gear and protective products are free from defects in material and workmanship for the useful life of the product. This warranty specifically excludes accidental damage (acid, tears on nails, etc.), intentional or unintentional abuse, natural disasters, damage caused by disregard of care instructions, and normal wear. Products considered to be defective should be returned to an authorized distributor at owner's expense for inspection. The product will be either repaired or replaced at the discretion of Honeywell. It is recommended that the user frequently inspect and properly maintain these products in order to provide the designed levels of NFPA protection.

Honeywell warrants that Morning Pride by Honeywell FYR-Glass helmet shells are free from defects in material and workmanship for a period of 5 years from the date of manufacture when used for normal firefighting and related operations. This warranty does not cover accidental damage, intentional or unintentional abuse, natural disasters, damage caused by disregard of care instructions and normal wear. Hot Fire Training Damage – This helmet meets the NFPA 1971 standard for high convective and radiant heat resistance. These tests will damage the helmet. To avoid similar damage in training exercises (flashover and/or high heat training), always use an aluminized helmet cover. Any heat damage to a helmet without an aluminized cover during such training voids all warranties, express or implied. END USER IS STRONGLY CAUTIONED not to install any accessory piercing the shell.

THESE WARRANTIES ARE EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, WHETHER WRITTEN, EXPRESS, IMPLIED, STATUTORY OR OTHERWISE, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR PARTICULAR PURPOSE. IN NO EVENT WILL HONEYWELL BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL, SPECIAL, OR INDIRECT DAMAGES, EVEN IF INFORMED OF THE POSSIBILITY OF THESE DAMAGES AND NOTWITHSTANDING THE FAILURE OF THE ESSENTIAL PURPOSE OF ANY LIMITED REMEDY. NO EXTENSION OF THIS WARRANTY WILL BE BINDING UPON HONEYWELL