



October 1, 2020

Philip Mann  
Technical Director  
Kappler USA, Inc.  
115 Grimes Drive  
P.O. Box 490  
Guntersville, Alabama 35976

**Certification Letter**

Dear Mr. Mann:

We are pleased to confirm that the Vapor Protective Ensemble - Base Requirements models below are certified by the Safety Equipment Institute, effective October 1, 2020. Annual certification testing was successfully completed on July 15 2020 in accordance with the requirements of *NFPA 1991-2016, Standard on Vapor-Protective Ensembles for Hazardous Materials Emergencies and CBRN Terrorism Incidents.*

<u>SEI Ref. No.</u>	<u>Brand</u>	<u>Model No.</u>
VPS KPR 01	Frontline 500	F5H582 91 - Silver (Front Entry) - w/YKK Aquaseal Zipper F5H582 9Z - Silver (Front Entry) - w/YKK Aquaseal Reverse Pull Zipper F5H583 91 - Silver (Rear Entry) - w/YKK Aquaseal Zipper
VPS KPR 01 - Variant 03	Frontline 500	F5H583 91 - Silver (Rear Entry) - w/YKK Aquaseal Zipper

**Product Description:**

The Kappler Frontline 500 vapor protective ensemble model listed above is also certified for the following Optional Performance Requirements:

- Chemical Flash Fire Protection Performance Requirements of NFPA 1991-2016
- Liquefied Gas Protection Performance Requirements of NFPA 1991-2016

The Frontline 500 is a fully encapsulated protective suit with integral booties and a 3-layer 40 mil PVC / 5 mil FEP / 4 mil PET visor with integrated anti-fog coating. The Frontline 500 is certified as a front entry or rear entry ensemble consisting of the following general components:

**Glove System:**

- Inner Barrier Layer: Kappler 2N1® - Multilayer Glove System
- Outer Glove: Kevlar®

**Footwear:**

- OnGuard HazMax® Boot - Model No.: 87012
- OnGuard HazMaz® EZ-Fit Boot - Model No.: 87015
- Tingley HazProof® Boot - Model No.: 82331 or 82330

Breathing system: SCBA is required but not supplied by Kappler. The SCBA must be CBRN certified by NIOSH and certified as compliant to NFPA 1981 Standard on Open-Circuit Self-Contained Breathing Apparatus for the Fire Service.



The following pass-thru options are available:

- Scott w/Schrader Fitting (Option 7T)
- Scott w/Hansen Fitting (Option 7S)
- Scott w/EBBS Fitting (Option 7A)
- MSA Dual (Option 7M)
- MSA Quick-Fill (Option 7N)
- Interspiro (Option 7W)
- Honeywell w/Schrader Fitting (Option 7X)
- Honeywell w/Hansen Fitting (Option 7Y)

**Product Notes:**

- The OnGuard HazMax<sup>®</sup> and Tingley Hazproof<sup>®</sup> boots are not supplied by Kappler but may be obtained from an authorized dealer.
- The Frontline 500 ensemble above is considered certified as an ensemble ONLY when all of the above listed ensemble elements are worn with the above listed garment element.

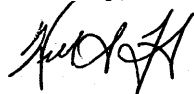
The SEI Certification Mark may be used in the marketing, packaging and promotion of the model detailed above, in accordance with the provisions of the *SEI Certification Program Manual*.

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,



William A. Fithian  
Technical Director



Tricia Hock  
Director, Certification Operations

cc: Tim Kramer, SEI Auditor