

Interchangeability Concept

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Draft for Discussion



Interchangeability

- In Response to User Feedback
- Optional Requirement
- Applies to CBRN APR Respirators Only
- All CBRN APR Requirements Pre-Requisite to Interchangeability
- Applies to Consumable Filtration Devices



Interchangeability

- Definition of Requirements for Mechanical Connector
- Definition of Performance Requirements



Interchangeability

- Performance Requirements
 - Breathing Resistance – Mask
 - Breathing Resistance – Filter Canister
 - Canister Size Constraints:
 - Weight, Maximum
 - Physical Dimensions, Maximum
 - Field of Vision
 - Effectiveness of Mask Fit with Canister at Maximum Weight

Interchangeability

- Requirements for Mechanical Connector
 - Threads IAW EN 148.1
 - Female Thread on Mask
 - Single Connector