



## AUXILIARY COOLING HARNESS – CAH 02



In the wake of Fukushima's melt downs, a group of Nuclear Safety personnel brainstormed a solution for further protection in the event of a meltdown or "High Alert" situation. In a typical nuclear operation, the Mark 3B Air Distribution Suit (reusable) is worn for protection, cooling and air.



This new Auxiliary Cooling Harness augments the Mark 3B suit cooling function. It works in the same way; however the application is for Extreme Environments such as High Heat, High Stress and High Alert situations.

The CAH 02 enhances the existing cooling of the M3B suit system that provides protection to personnel working in radioactively contaminated environments typical of nuclear generating stations.



Special Electronics & Designs Inc. has collaborated with Safety Professionals in the Nuclear industry to provide this solution for HIGH ALERT situations.

### Features:

- ✓ Customized for use with Reusable suits i.e. M3 & M4 suit.
- ✓ Sealed connectors ease decontamination
- ✓ Integrated hose and cable connection with valve, allows adjustable additional cooling.
- ✓ Electrical Connectors: Cannon XLR-3
- ✓ Compatibility: 2 or 3 Wire Headsets
- ✓ Air Fittings: Hanson 2RL style
- ✓ Working Pressure: 115 psi
- ✓ No modifications are required to the existing suit.
- ✓ IH Valve connects the Auxiliary Cooling Harness to the existing cooling, air and communications suit.

The IH Regulator (CAH ACA) is inserted between the existing hose connection and the suit inlet component of the ACA.



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