

Innovative Head & Face Protection for Electrical Workers

Working in gas, coal, oil, hydroelectric, renewable or nuclear power plants is challenging. From generation to transmission and distribution, the health and safety of workers needs to be protected in various applications.

The possibility of an arc flash is a hazard in many of these applications. The risks it poses include high temperature, flying debris and powerful radiation.

The most advanced above-the-neck solution providing arc flash protection is [MSA's V-Gard 950](#) superior helmet with integrated visor. It offers complete head and face protection for electrical applications in one.



The lightweight design of the [V-Gard 950](#), unique visor mechanism and innovative arc flash ear flaps all meet the particular needs of an electrician.

The [V-Gard 950](#) helmet provides 1000 V electrical insulation in accordance with EN 50365. The [V-Gard 950](#) visor offers the best light transmission class, protecting against 4A electric arc class 1 accordance with EN 166 & GS-ET-29.

To ensure 360° protection, the [V-Gard 950](#) can be equipped with optional ear flaps made from textile resistant to arc flash. When the ear flaps are placed in the down position, they fully cover the user's ears. This is very important additional protection because when an arc flash occurs, users tend to turn their heads sidewise causing flash burns to their ears.

The complete set of [V-Gard 950](#) helmet with integrated visor, including ear flaps, was used to perform demanding arc flash tests. The procedure required the use of a test head with 4 sensors which measured the thermal conditions behind the visor. When a replicated arc flash occurs, these sensors monitor the temperature to ensure it remains below maximum safe levels and the helmet wearer will be protected.

Ease of use, reliable visor positions and a new 4-point chinstrap for increased stability and retention are additional benefits you will discover.

Click [here](#) to learn more on the V-Gard 950 product page!