

Wildland Fire-Fighting Suit

Forest fires are significantly different from structural or other types of fires, and hence the clothing that is required to be worn by the firefighters handling these fires differs from other type of clothing. Considering the increase in the occurrence of forest fires across the country, primarily during summers, there was a necessity for developing indigenous wildland fire safety gear. One important component of the wildland firefighting gear is the Wildland Firefighting Suit. Keeping in view the performance requirements with which the wildland firefighting suit must comply, and the comfort level that it must offer, Centre for Fire, Explosives and Environment Safety (CFEES, DRDO), has designed a suit that offers the necessary protection (to fight the wildland fire) as mandated by the applicable Standard, ISO 16073 – Part 3 (“Wildland firefighting personal protective equipment – Requirements and test methods – Part 3: Clothing”), without compromising on the wearer’s comfort.

The Wildland Firefighting Suit (WFFS) developed by the CFEES is a single-layered suit and conforms to the protection levels mandated in ISO 16073 – Part 3, in totality. The use of high content of indigenous fire retardant fibers in the fabric used to fabricate the suit is the USP of this development, since it is an important step in the indigenisation of these suits and a major step forward towards self-reliance.

Specifications of Wildland Fire Fighting Suit:

- Single-layered Suit
- Style of Suit: Jacket & Trousers
- Fabric composed of high content of indigenous fire retardant fibers
- Provides protection against flames and heat, and other operational hazards, in conformance to ISO 16073 – Part 3
- Available in all sizes

