

ELECTROSTATICS

AC Induction suit

The AC Induction suit functions as an additional protection in case of not proper grounding in a vicinity of energized AC electrical installation.



The AC Induction suit in case of emergency may restore or create equipotentiality between conductive parts at the workplace.

Tested and approved by:



CONTACT

Electrostatics Ltd.

+ 36 20 375 1957

info@elstatics.com

www.elstatics.com

AC Induction suits are intended to be worn when:

Working on discharged power lines under the electromagnetic influence of the operating AC electrical installations.



Working on AC electrified railway lines including lightning protection cables, suspension metal ropes, communication wires, etc.



Using the AC Induction suit the injuries caused by induced currents can steadily decrease to almost ZERO.

THE ONLY CONDUCTIVE CLOTHING
**AGAINST
INDUCED
VOLTAGE
AND CURRENT**



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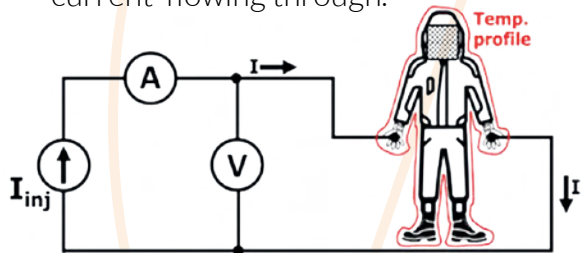
IEC 60895:2020 IEC 61482:2018

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THE SET PROVIDES

⚡ Protection against current shock of induced voltage. It prevents current through the worker's body to exceed 6 mA (let-go limit) while the induced current flowing through.



⚡ Highly conductive tape implemented to the suit has got electrical resistivity of not more than 0.1 Ohm/m and can conduct current up to 100 A for more than 2 minutes without breaking electrical continuity.

⚡ Electric resistance of the conductive garment is not more than 1 Ohm.

⚡ Protection against arc flash with the ATPV level of 11 cal/cm².

⚡ Protection against harmful impact of the electric field of industrial frequency.

FEATURES OF THE SET

AC Induction suit - 1
jacket with a hood (head cover) and bib-and-brace or trousers

AC Induction suit - 2
coverall with a hood (head cover)

⊕ Conductive shielding gloves & socks



⚡
The clothing can shunt currents up to 50 A without any damage to the wearer.

✓
Based on accredited measurements, **99.985%** of the electric current passes through the garment.

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