

ELECTROSTATICS

AC INDUCTION SET

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



Wearing AC induction set does not affect the existing working protocols.

- ✔ Follow the existing working protocol
- ✔ Do the grounding as before
- ✔ Wear the AC induction suit as an additional protection

In case of emergency, the AC Induction set may restore or create equipotentiality between conductive parts at the workplace.

TESTED AND APPROVED BY



CONTACT

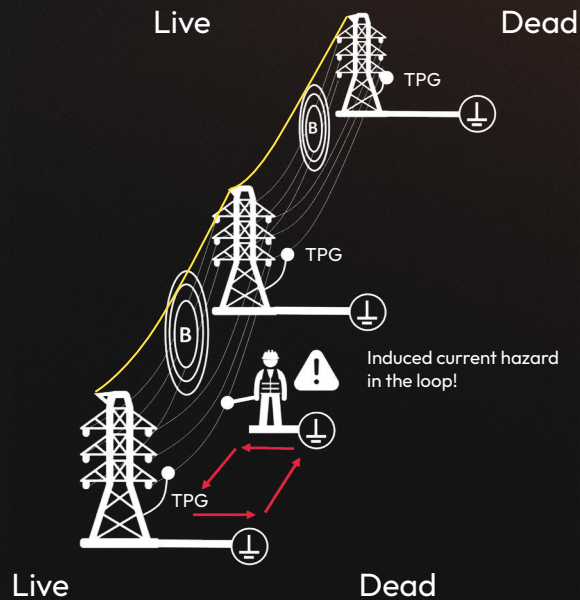
Electrostatics Ltd.

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AC INDUCTION SETS ARE INTENDED TO BE WORN WHEN:

Working on deenergized 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 set, the injuries caused by induced currents can steadily decrease to almost ZERO.

THE ONLY CONDUCTIVE CLOTHING

AGAINST INDUCED CURRENT

AND VOLTAGE



AC INDUCTION SET

IEC 61482:2018
ASTM WK70226
ASTM F2621

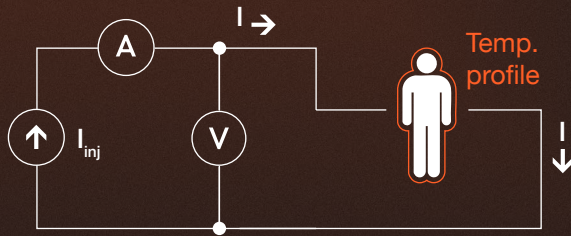
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THE SET PROVIDES

Protection against current shock of induced voltage. It prevents current through the worker's body to exceed 6mA (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 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.

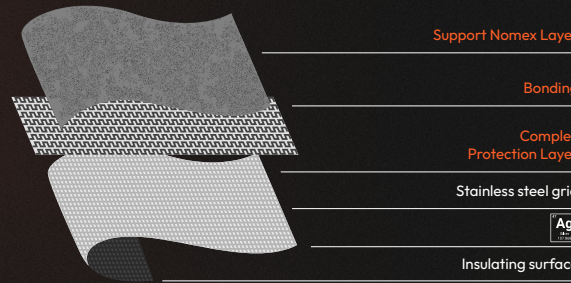
FEATURES OF THE SET

AC INDUCTION SET – DUAL
Jacket with a hood (head cover)
and bib and brace or trousers

AC INDUCTION SET – MONO
Coverall with a hood (head cover)



Conductive shielding gloves and socks



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



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

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