AS IEC 60990:2018
IEC 60990:2016

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# Methods of measurement of touch current and protective conductor current

AS IEC 60990:2018

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# Preface

This Standard was prepared by the Australian members of the Joint Standards Australia/Standards New Zealand Committee TE-001, Safety of Electronic Equipment, to supersede AS/NZS 60990:2002, *Methods of measurement of touch current and protective conductor current*.

After consultation with stakeholders in both countries, Standards Australia and Standards New Zealand decided to develop this Standard as an Australian Standard rather than an Australian/New Zealand Standard.

The objective of this Standard is to define measurement methods for d.c. or a.c. current of sinusoidal or non-sinusoidal waveform, which could flow through the human body, and current flowing through a protective conductor. The measuring methods recommended for touch current are based upon the possible effects of current flowing through a human body. In this Standard, measurements of current through networks representing the impedance of the human body are referred to as measurements of touch current. These networks are not necessarily valid for the bodies of animals.

This Standard is identical with, and has been reproduced from, IEC 60990:2016 (ED.3.0), *Methods of measurement of touch current and protective conductor current*.

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# NOTES