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AS/NZS 61000.4.30:2012
IEC 61000-4-30, Ed.2.0 (2008)

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Australian/New Zealand Standard™

Electromagnetic compatibility (EMC)

Part 4.30: Testing and measurement techniques—Power quality measurement methods

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Part 4.30: Testing and measurement techniques—Power quality measurement methods

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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee EL-034, Power Quality, to supersede AS/NZS 61000.4.30:2007, *Electromagnetic compatibility (EMC)*—Part 4.30: *Testing and measurement techniques—Power quality measurement methods*.

The objective of this Standard is to define the methods for measurement and interpretation of results for power quality parameters in 50/60 Hz a.c. power supply systems. The power quality parameters considered in this Standard are power frequency, magnitude of the supply voltage, flicker, supply voltage dips and swells, voltage interruptions, transient voltages, supply voltage unbalance, voltage harmonics and interharmonics, mains signalling on the supply voltage and rapid voltage changes.

This Standard is identical with, and has been reproduced from IEC 61000-4-30, Ed.2.0 (2008), *Electromagnetic compatibility (EMC)*—Part 4-30: *Testing and measurement techniques—Power quality measurement methods*.

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61000-2-2	Part 2-2: Environment—Compatibility levels for low-frequency conducted disturbances and signalling in public low-voltage power supply systems	61000.2.2	Part 2.2: Environment—Compatibility levels for low-frequency conducted disturbances and signalling in public low-voltage power supply systems
61000-2-4	Part 2-4: Environment—Compatibility levels in industrial plants for low-frequency conducted disturbance	61000.2.4	Part 2.4: Environment—Compatibility levels in industrial plants for low-frequency conducted disturbances
61000-4-4	Part 4-4: Testing and measurement techniques—Electrical fast transient/burst immunity test	61000.4.4	Part 4.4: Testing and measurement techniques—Electrical fast transient/burst immunity test
61000-4-15	Part 4-15: Testing and measurement techniques—Flickermeter—Functional and design specifications	61000.4.15	Part 4.15: Testing and measurement techniques—Flickermeter—Function and design specifications

The term 'informative' has been used in this Standard to define the application of the annex to which it applies. An 'informative' annex is only for information and guidance.

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