AS/NZS 61000.4.30:2007 IEC 61000-4-30, Ed. 1.0 (2003) and Corrigendum 1:2006

Australian/New Zealand Standard™

Electromagnetic compatibility (EMC)

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





AS/NZS 61000.4.30:2007

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee EL-034, Power Quality. It was approved on behalf of the Council of Standards Australia on 5 June 2007 and on behalf of the Council of Standards New Zealand on 27 April 2007.

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Australian Electrical and Electronic Manufacturers Association

Australian Energy Market Commission

Australian Information Industry Association

Bureau of Steel Manufacturers of Australia

Consumers Federation of Australia

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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee EL-034, Power Quality.

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 are power frequency, magnitude of the supply voltage, flicker, supply voltage dips and swells, voltage interruptions, transient voltages, supply voltage unbalance, voltage and current harmonics and interharmonics, mains signalling on the supply voltage and rapid voltage changes.

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