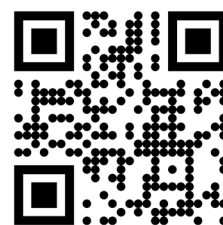




EXCELLENCE

ELECTRICAL PROFICIENCY TESTING CATALOGUE

IFM Quality Services Pty Ltd



IECEE EXCLUSIVE & OFFICIAL
PROFICIENCY TESTING PROVIDER



WWW.IFMQS.COM.AU

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ORDER

CONTACT US

ABOUT US

IFM is a global provider of laboratory quality assurance services, its core strength being Proficiency Testing.

For 25 years IFM has stood as an exclusive provider of Electrical Proficiency Testing services to the IEC. Chosen by the IECEE Committee of Testing Laboratories (CTL), IFM serves as a sole PT provider for Certification Body Testing Laboratories, Specialized Testing Laboratories, and Customer Testing Facilities within the IECEE CB Scheme.

Globally Trusted

IFM's Services extend to 70 Countries Around the World.



Energizing Excellence

IFMs achievements in Electrical Proficiency testing.

315 Scheduled Programs Operated

107 On-Demand Programs Operated

and Continuing...

Empowering Laboratories

1510 Participating laboratories over the past 3 years

Accreditations

IFM is accredited by the American Association for Laboratory Accreditation (A2LA) as a Proficiency Testing Provider to standard [ISO/IEC 17043](#)

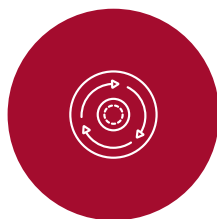


Proficiency Testing Provider
Certificate Number 3189-02.

PROFICIENCY TESTING BENEFITS



ACCURACY



CONSISTENCY



QUALITY



RELIABILITY



COMPLIANCE

Proficiency testing is a quality assurance tool used by industries and professions where consistency, accuracy, reliability, and adherence to standards are critical. It plays a crucial role in maintaining quality, and ensuring both individuals and organizations meet established benchmarks.

Regular participation in proficiency testing fosters continuous improvement and helps individuals and entities stay updated with industry standards and advancements, contributing to ongoing professional development and quality enhancement.

PLAN PROACTIVELY

To help testing houses plan their yearly participation, refer to the IFM [Electrical Perpetual Plan](#) on the IFM website.

ON-DEMAND (OD) PT PROGRAMS

In addition to scheduled PT, IFM proudly offers On-Demand (OD) PT programs for individual laboratories.

Flexibility:

Operates as per the laboratory's specified time frame.

Dispatch:

Sample dispatched with one week of order confirmation.

Reporting:

Generally completed within 2 business days.

NOTE:

On-demand PT programs are subject to the availability of the samples.

To order On-Demand PT Programs, please contact technical@ifmq.com.au



e26 BALL PRESSURE TEST

Standard(s):
IEC 60695-10-2

Frequency:
Yearly

Topic Streams:
[e26-1 - Ball Pressure Test \(< 100 °C\)](#)
[e26-2 - Ball Pressure Test \(100 °C to 150 °C\)](#)
[e26-3 - Ball Pressure Test \(> 150 °C\)](#)



e23 BATTERY

Standard(s):
IEC 62133-1

Frequency:
Yearly

Topic Streams:
[e23-1 - Overcharge Test](#)
[e23-2 - External Short Circuit Test](#)



e35 CABLES – Conductor Resistance & Insulation Thickness

Standard(s):
IEC 63294 IEC 60811-201 IEC 60227-3

Frequency:
Yearly

Topic Streams:
[e35 - Cables](#)



e11

CREEPAGE AND CLEARANCE

Standard(s):

IEC 60664-1

Frequency:

Odd numbered years

Topic Streams:

[e11 - Creepage and Clearance](#)



**TRAINING KITS
AVAILABLE.**

For Preview

[Click here](#)



e42

EARTH RESISTANCE

Standard(s):

IEC 60065

IEC 60335-1

IEC 62368-1

IEC 61558-1

IEC 60598-1

IEC 60745-1

IEC 60950-1

IEC 62841-1

Frequency:

Even numbered years

Topic Streams:

[e42 - Earth Resistance](#)



e43

ELECTRIC STRENGTH TEST

Standard(s):

e43-1: IEC 60335-1

IEC 60950-1

IEC 60670-1

IEC 60998-1

IEC 60669-1

IEC 61058-1

IEC 61558-1

IEC 61180

e43-2: IEC 62368-1

IEC 60950-1

Frequency:

Even numbered years

Topic Streams:

[e43-1 - Electric Strength Test \(100 mA\)](#)

[e43-2 - Electric Strength Test \(<20 mA\)](#)



e40-1

EMC - CONDUCTED EMISSIONS

Standard(s):

CISPR 16-2-1

Frequency:

Yearly (Ongoing)

Topic Streams:

[e40-1 - Conducted Emissions](#)



e29

GLOW WIRE AND NEEDLE FLAME

Standard(s):

IEC 60695-2-10

IEC 60695-11-5

Frequency:

Yearly

Topic Streams:

[e29 - Glow Wire and Needle Flame](#)



e33

HEATING - SWITCHES

Standard(s):

IEC 61058-1

Frequency:

Yearly

Topic Streams:

[e33 - Heating Switches](#)



e38

HEATING – SWITCH MODE POWER SUPPLY

Standard(s):

IEC 60065	IEC 60950-1	IEC 61558-1
IEC 60335-1	IEC 61347-1	IEC 62368-1

Frequency:

Yearly

Topic Streams:

[e38 - Heating Switch Mode Power Supply](#)



e32

HEATING – TRANSFORMERS

Standard(s):

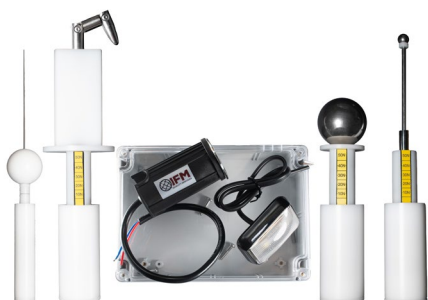
IEC 61558-1

Frequency:

Yearly

Topic Streams:

[e32 - Heating Transformers](#)



e44

INGRESS PROTECTION

Standard(s):

IEC 60529

Frequency:

Yearly

Topic Streams:

[e44-1A - IP Test \(1X, 2X, 3X\)](#)
[e44-1B - IP Test \(X1, X2, X3\)](#)
[e44-2 - IP Test \(X4, X5, 4X, 5X\)](#)
[e44-3 - IP Test \(X6, X7\)](#)



e21 LASER

Standard(s):
IEC 60825-1

Frequency:
Yearly

Topic Streams:
[e21 - Laser](#)



e49 MECHANICAL STABILITY

Standard(s):
IEC 61010-1 IEC 60335-1 IEC 62368-1

Frequency:
Even numbered years

Topic Streams:
[e49 - Mechanical Stability](#)

 **COMING SOON...**



e22 PHOTOVOLTAICS / SOLAR

Standard(s):
IEC 61215-2 IEC 60891 IEC 60904-1
IEC TS 60904-13 IEC TS 60904-1-2

Frequency:
Yearly (Ongoing)

Topic Streams:
[e22 Photovoltaics / Solar](#)



e27

PLUG DISCHARGE

Standard(s):

e27-1: IEC 60335-1 IEC 60745-1

e27-2: IEC 61010-1

e27-3: IEC 62368-1

Frequency:

Yearly

Topic Streams:

[e27-1 - Plug Discharge \(HOUS/TOOL\)](#)

[e27-2 - Plug Discharge \(MEAS\)](#)

[e27-3 - Plug Discharge \(ITAV\)](#)



e14

STANDBY POWER

Standard(s):

IEC 62301

Frequency:

Odd numbered years

Topic Streams:

[e14 - Standby Power](#)



e36

TOUCH CURRENT

Standard(s):

e36-1:	IEC 60990	IEC 60950-1	IEC 61558-1
	IEC 60065	IEC 61010-1	IEC 60598-1
	IEC 60335-1	IEC 62368-1	IEC 61347-1

e36-2:	IEC 60690	IEC 60601
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Frequency:

Even numbered years

Topic Streams:

[e36-1 - Touch Current](#)

[e36-2 - Touch Current \(MED\)](#)

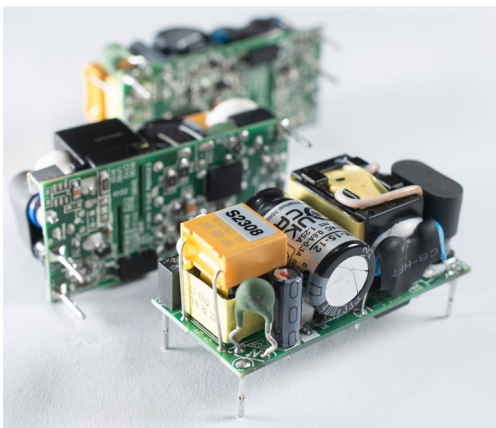
e31 TRACKING



Standard(s):
IEC 60112

Frequency:
Yearly

Topic Streams:
[e31 - Tracking](#)



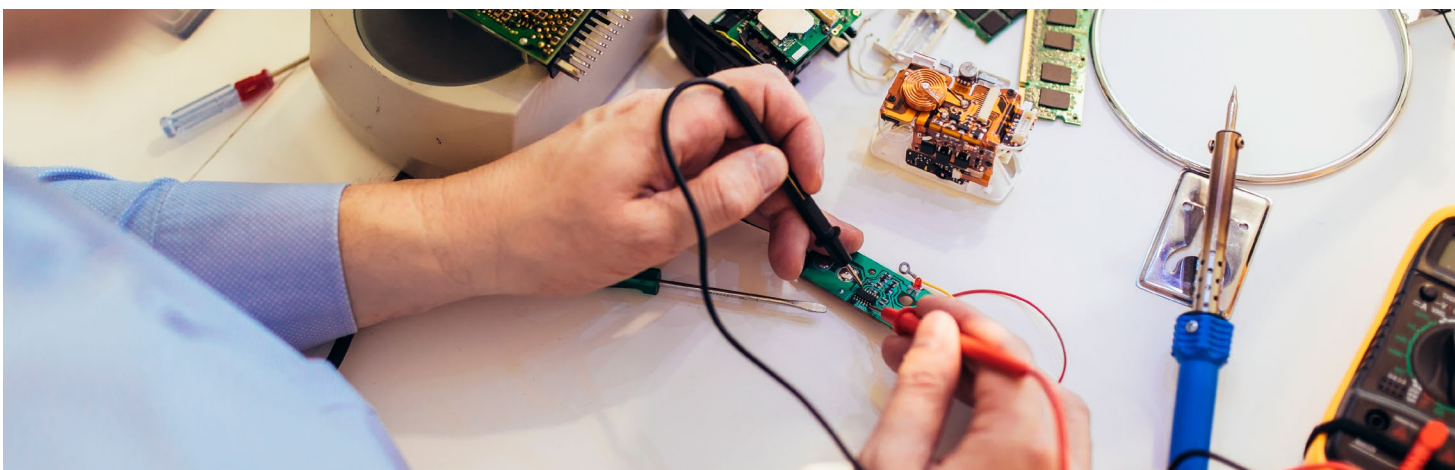
e37 WORKING VOLTAGE

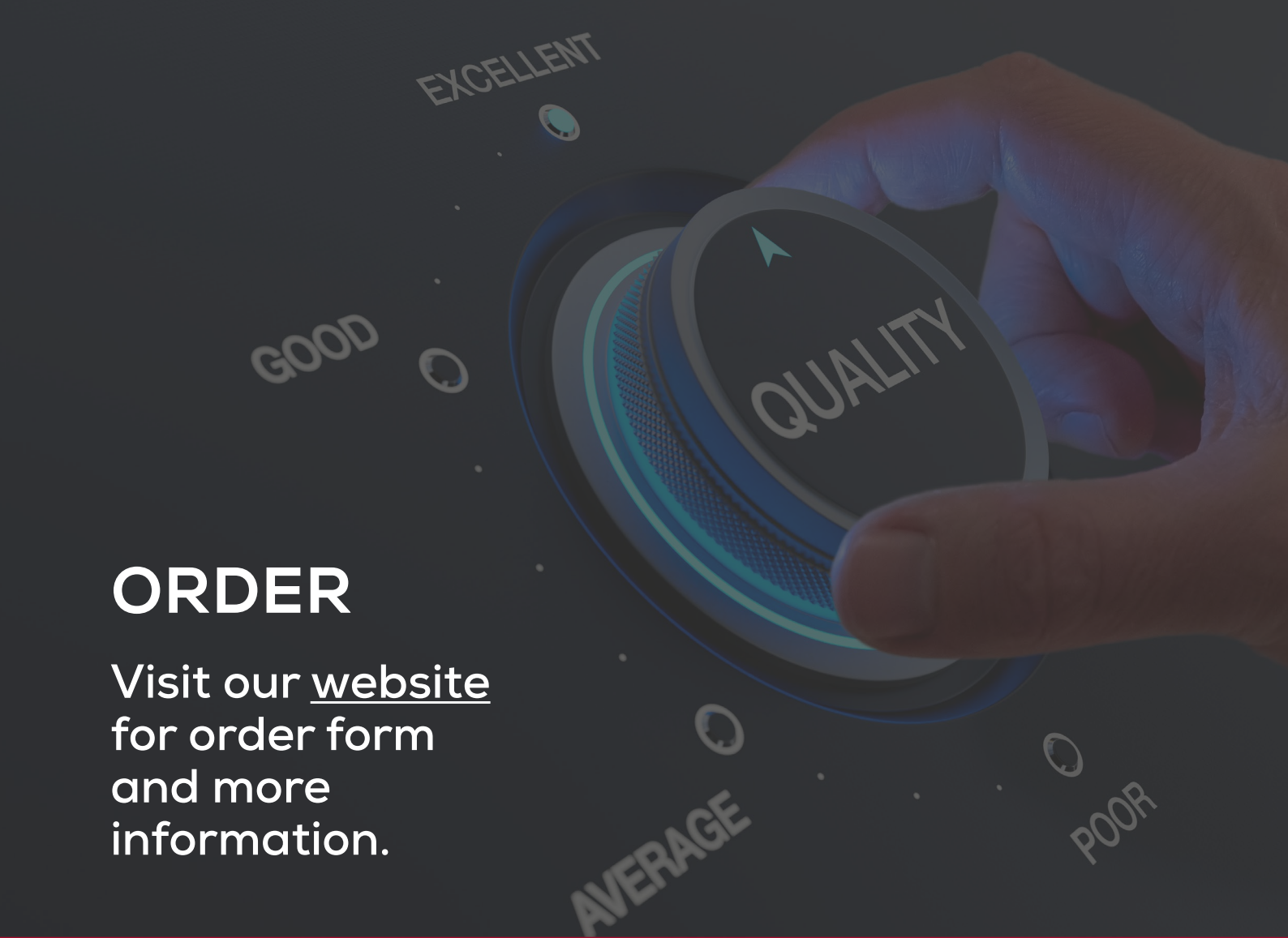
Standard(s):

e37-1:	IEC 60664-1	IEC 60745-1	IEC 62368-1
	IEC 60335-1	IEC 60065	IEC 60950-1
	IEC 60601-1	IEC 62841-1	
e37-2:	IEC 61558-1	IEC 61347-1	
	IEC 60598-1	IEC 61010-1	

Frequency:
Odd numbered years

Topic Streams:
[e37-1 - Working Voltage](#)
[e37-2 - Working Voltage \(rms only\)](#)





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for order form
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information.

CONTACT US

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DISCLAIMER

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