

## Electrical Proficiency Testing Programs Perpetual Plan (QRD007)

Program Code	Program Topic	Planned Week	IEC reference standard(s)	Frequency
e26-1	Ball Pressure <100 deg	34	IEC 60695-10-2	Annually
e26-3	Ball Pressure >150 deg	23	IEC 60695-10-2	Annually
e26-2	Ball Pressure 100 deg to 150 deg	6	IEC 60695-10-2	Annually
e23-2	Batteries (External Short Circuit test)	39	IEC 62133-1	Annually
e23-1	Batteries (Overcharge test)	37	IEC 62133-1	Annually
e35	Cables Conductor Resistance & Insulation Thickness	30	IEC 60227-2, IEC 60228	Annually
e39	Chemically Regulated Substances	13	IEC 62321	Even years
e11	Creepage and Clearance	24	IEC 60664-1	Odd years
e42	Earth Resistance	19	IEC 60065, IEC 60335-1, IEC 60950, IEC 61558-1	Odd years
e43-1	Electric Strength Test-1	36	IEC 60335-1, IEC 60950-1, IEC 60670, IEC 60998-1, IEC 60669-1, IEC 61058-1	Even years
e43-2	Electric Strength Test-2 (OFF)	48	IEC 60950-1	Even years
e40-1	EMC - Conducted Emissions	Ongoing	CISPR 16-2-1:2017	Ongoing
e40-2	EMC - Radiated Emissions	Planning	CISPR 16-2-1:2017	TBA

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e29	Glow Wire and Needle Flame	49	IEC 60695-2-10, IEC 60695-11-5	Annually
e38	Heating - Switch Mode Supply	42	IEC 60065, IEC 60335-1, IEC 60950-1, IEC 61347, IEC 61558-1	Annually
e33	Heating - Switches	12	IEC 61058-1	Annually
e32	Heating - Transformers	26	IEC 61558-1, IEC 60335-1, IEC 61347-1	Annually
e44-3	IP Test X6, X7	4	IEC 60529	Annually
e44-1A	IP Test, 1X, 2X, 3X	40	IEC 60529	Annually
e44-1B	IP Test, X1, X2, X3	32	IEC 60529	Annually
e44-2	IP Test, X4, X5, 4X, 5X	28	IEC 60529	Annually
e21	Laser	8	IEC 60825, IEC 60255	Annually
e49-1	Mechanical Stability	Planning	IEC 60598-1	TBA
e22	Photovoltaics	Planning	ТВА	TBA
e27-1	Plug Discharge - HOUS/TOOL	17	IEC 60335-1, IEC 60745-1	Annually
e27-2	Plug Discharge - MEAS	21	IEC 61010-1	Annually

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e02	Software evaluation	15	IEC 60730-1, IEC 60335-1	Even years
e14	Standby Power	10	IEC 62301:2011	Odd years
e36	Touch Current	45	IEC 60065, IEC 60335-1, IEC 60950-1, IEC 60990, IEC 60601-1	Odd years
e31	Tracking	47	IEC 60112	Annually
e37	Working Voltage	43	IEC 60065, IEC 60335-1, IEC 60598-1, IEC 60601-1, IEC 60745-1, IEC 60950-1, IEC 61010-1	Odd years

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