
STATUTORY INSTRUMENTS

1990 No. 888

RESTRICTIVE TRADE PRACTICES

**The Restrictive Trade Practices
(Standards and Arrangements) Order 1990**

<i>Made</i>	- - - -	<i>9th April 1990</i>
<i>Laid before Parliament</i>		<i>10th April 1990</i>
<i>Coming into force</i>	- -	<i>11th April 1990</i>

The Secretary of State for Trade and Industry, in exercise of the powers conferred on him by sections 9(5) and 18(5) of the Restrictive Trade Practices Act 1976⁽¹⁾, hereby makes the following Order:—

Citation, commencement and interpretation

1.—(1) This Order may be cited as the Restrictive Trade Practices (Standards and Arrangements) Order 1990 and shall come into force on 11th April 1990.

(2) In this Order

“the 1976 Act” means the Restrictive Trade Practices Act 1976;

“arrangements” means, in respect of the production, supply or acquisition of any goods or the application to goods of any process of manufacture, arrangements as to the provision of information or advice to purchasers, consumers or users and, in respect of making available, supplying or obtaining any designated services within the meaning of the 1976 Act, arrangements as to the provision of information or advice to persons to or by whom designated services are supplied or agreed to be supplied;

“standards” means, in respect of the production, supply or acquisition of any goods or the application to goods of any process of manufacture, standards of dimension, design, quality or performance and, in respect of making available, supplying or obtaining any designated services within the meaning of the 1976 Act, standards of performance in the provision of the services or standards of dimension, design, quality or performance in respect of goods used in providing them.

Approval of standards and arrangements

2.—(1) The standards specified in Part I of the Schedule to this Order, being standards adopted by Electricity Association Services Limited on 6th April 1990 are hereby approved for the purposes of sections 9(5) and 18(5) of the 1976 Act.

(2) The arrangements specified in Part II of the Schedule to this Order, being arrangements adopted by Electricity Association Services Limited on 6th April 1990, are hereby approved for the purposes of sections 9(5) and 18(5) of the 1976 Act.

9th April 1990

John Redwood
Parliamentary Under Secretary of State,
Department of Trade and Industry

SCHEDULE

Article 2

PART I

STANDARDS APPROVED

06-1	Safety belts, harnesses and associated equipment Issue 2, 1984
09-1	Lead sleeves for electric cables (metric units) Issue 1, 1970
09-2	The installation of 33kV and higher voltage power cables and associated auxiliary cables Issue 3, 1983
09-3	33kV impregnated paper insulated oil-filled and gas pressure type power cable systems Issue 2, 1982
09-4	66kV and 132kV impregnated paper insulated, oil-filled and gas pressure type power cable systems Issue 2, 1981
09-5	275kV and 400kV impregnated paper insulated, oil-filled and gas compression type power cable systems Issue 2, 1981
09-6	Auxiliary multicore and multipair cables Issue 6, 1988
09-7	PVC insulated concentric service cables with stranded copper or solid aluminium phase conductors and copper concentric conductors Issue 4, 1981
09-8	Impregnated paper insulated 600/1000 volt cable with three solid aluminium phase

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	conductors and aluminium sheath/neutral conductor (Consac) Issue 4, 1977
09-9	Polymeric insulated, combined neutral/earth (CNE) cables with solid aluminium phase conductors and concentric aluminium wire waveform neutral/earth conductor Issue 5, 1981
09-10	Porcelain insulators for 33kV, 66kV 132kV, 275kV and 400kV pressure-assisted cable outdoor sealing ends Issue 1, 1976
09-11	Heat shrinkable insulating materials for use with 600/1000V cables and accessories Issue 1, 1975
09-12	Impregnated paper insulated corrugated aluminium sheathed 6350/11,000 volt cable Issue 1, 1979
09-13	Performance specification for high voltage heat shrinkable components for use with high voltage solid type cables up to and including 33,000 volts Issue 1, 1981
09-15	Jointing instructions and procedures for mass impregnated and mass impregnated non-draining paper insulated 19/33kV cables Part 1: Jointing instructions Issue 2, 1989 Part 2: Jointing procedures Issue 2, 1989
09-16	Testing specification for metallic sheathed power cables with extruded cross-linked

	polyethylene insulation and accessories for system voltages of 66kV and 132kV Issue 1, 1983
09-17	Single core cables for use in substations having extruded insulation and a rated voltage of 6350/11,000 volts Issue 1, 1984 Corrigendum 1, 1987
09-19	Synthetic hydrocarbon insulating oil for use in oil-filled pressure-assisted cables up to 132kV operating voltage Issue 1, 1986
09-20	33kV Single Core hv polymeric insulated cable Issue 1, 1990
12-3	Outdoor meter cupboards Issue 2, 1986
12-4	Terminating equipment for pilot cables subject to induced transient voltages exceeding 650V rms Issue 1, 1973
12-5	Indicating lamps-filament type Issue 1, 1972
12-6	Time fuse-links Issue 1, 1973
12-8	The application of fuse-links to 11kV/415V and 6.6kV/415V underground distribution networks Issue 2, 1986
12-9	Wiping glands for metallic-sheathed cables Issue 2, 1980
12-10	Single phase domestic cut outs up to 100A rating Issue 1, 1977

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12-11	Indoor and outdoor cable boxes for switchgear Issue 2, 1981
12-12	Compounds for use in 33kV solid type cable accessories Issue 1, 1977
12-14	Impregnated crepe paper for cable jointing in solid type cable accessories Issue 1, 1976
12-15	Weak-back ferrules for electric power cable jointing on solid-type cables up to and including 11kV Issue 1, 1978
12-16	Fuse-switch trip testing device Issue 1, 1978
12-18	Polyester resin/glass fibre protection boxes and protective shrouds for oil-filled and gas-pressure cable accessories Issue 1, 1980
12-19	Single phase street lighting cut-outs-25A rating Issue 1, 1982
12-20	Low voltage pole-mounted fuses Issue 1, 1984 Corrigendum 1, 1986
12-23	Polythene protection tape for buried electricity supply cable Issue 1, 1988
12-24	Plastic ducts for buried electric cables Issue 1, 1989
13-1	Portable glass fibre ladders and steps Issue 1, 1987
23-2	Code of practice for post weld heat treatment (electrical resistance heating elements)

	Issue 2, 1983
23-3	Titanium tubes for heat exchangers and condensers
	Issue 3, 1989
23-4	Seamless steel feed water heater tubes for high pressure applications
	Issue 2, 1989
26-1	Insulating foam-filled tube and solid rod for live working
	Issue 2, 1977
26-2	Insulating tools for live working on high voltage overhead lines
	Issue 1, 1978
26-3	Hand held tools for live low voltage working
	Issue 2, 1984
26-4	Overhead line conductor erection clamps-test specification and test certificates
	Issue 1, 1980
35-1	Distribution transformers (from 16kVA to 1000kVA)
	Issue 4, 1985
35-2	Emergency rated system transformers (35/11.5kV delta/star and star/star connected)
	Issue 4, 1982
35-5	Generator voltage transformers for 500/660 MW turbo-generators
	Issue 1, 1980
35-6	Generator voltage transformers for gas turbines
	Issue 1, 1980
35-14	Formel NF filled transformers
	Issue 1, 1984
37-1	415V ac switchgear, controlgear and fusegear

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	Issue 2, 1977
37-2	L.V. distribution fuseboards
	Issue 2, 1984
37-3	A.C. metal-enclosed switchgear and controlgear of rated voltages 3.6kV and 12kV
	Part 1-Circuit breaker equipment (air-break)
	Issue 1, 1981
	Part 2-Fused switching device equipment of 3.6kV rated voltage
	Issue 1, 1981
41-1	3.3kV 150 MVA airbreak switchgear-floor details and building requirements
	Issue 1, 1969
41-2	11kV distribution switchgear (floor details)
	Issue 2, 1976
41-4	11kV 500 and 750 MVA airbreak switchgear floor details and building requirements
	Issue 1, 1970
41-5	Requirements for 12kV distribution metal-enclosed indoor switchgear
	Issue 3, 1983
41-6	132kV outdoor busbar type substations with aluminium connections
	Issue 1, 1974
41-7	132kV outdoor substations extensible up to four-switch mesh
	Issue 1, 1980
41-8	132kV compact transformer feeder substations
	Issue 1, 1980
	Amendment 1, 1988

- 41-9 Insulating oil handling and storage equipment for 132kV outdoor substations
Issue 1, 1974
- 41-10 Switchgear for use on 66, 132, 275 and 400kV systems
Issue 3, 1989
- 41-11 Tubular aluminium busbars, connections and terminal fittings for 132kV outdoor substations
Issue 2, 1982
- 41-12 Non-extensible ring main equipments, (incorporating an automatic fuse-switch and switches ratings: 250 MVA at 11kV and 150 MVA at 6.6kV)
Issue 2, 1975
Corrigendum No. 1, 1987
- 41-13 Air break switch-disconnectors 12kV to 36kV for use on overhead lines
Issue 1, 1978
- 41-15 Standard circuit diagrams for equipment in 132kV substations
Part 1: Transformer feeder, transformer end
Issue 1, 1978
Part 2: Transformer feeder, transformer end 132/11/11kV dual secondary
Issue 1, 1978
Part 3: Arrangements for locally banking two transformers. Transformer end of a transformer-feeder
Issue 1, 1982
Part 4: 132kV busbar substation feeder-circuits
Issue 1, 1983

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Part 5: Intertipping over voice frequency channels

Issue 2, 1988

Part 6: Standard circuit diagrams for equipment in 132kV substations. Bus-section and bus-coupler

Issue 1, 1990

Part 7: Arrangements for locally banking a transformer with a feeder at a busbar station

Issue 1, 1988

Part 8: 132kV busbar station-busbar protection

Issue 1, 1986

Part 9: Standard circuit diagrams for equipment in 132kV substations ac traction supplies to British Rail

Issue 1, 1990

41-16 Apparatus terminations, conductor sizes and associated fittings (copper) used in outdoor and indoor substations with outdoor equipment

Issue 2, 1981

41-18 Arrangements for partial discharge testing of bushings, capacitors, instrument transformers and switchgear of rated voltage 7.2-425kV inclusive

Issue 1, 1988

41-19 Open type switchgear for use on 33kV systems

Issue 1, 1979

41-21 Portable earthing equipment for open type hv apparatus in substations

Issue 1, 1985

41-22 Metal-enclosed switch, switch-disconnector and earthing switch combinations (ratings

	12.5, 16 and 20kA at 7.2kV and 12kV)
	Issue 1, 1982
41-23	Metal-enclosed automatic fuse-switch equipment (ratings 12.5, 16 and 20kA at 7.2kV and 12kV)
	Issue 1, 1982
43-1	Survey and preparation of ground line profiles and plotting of tower positions for steel tower overhead transmission lines at 132kV and higher voltages
	Issue 2, 1986
43-2	Design of steel tower overhead transmission lines at 132kV and higher voltages
	Issue 1, 1972
	Corrigendum 1989
43-3	Design of lattice steel transmission towers for overhead lines at 132kV and higher voltages
	Issue 1, 1972
43-4	Design of foundations for steel towers for overhead transmission lines at 132kV and higher voltages
	Issue 2, 1986
43-5	Fabrication and galvanising of tower and foundation steelwork for overhead transmission lines at 132kV and higher voltages
	Issue 2, 1986
	Corrigendum 1988
43-6	Construction of overhead transmission lines on steel towers for 132kV and higher voltages
	Issue 2, 1986

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- 43-7 132kV steel tower
transmission lines:
Specification L4(M)-1978
Issue 2, 1985
- 43-8 Overhead line clearances
Issue 2, 1988
Amendment 1989
- 43-9 132kV steel tower
transmission lines specification
L.7(C)-1978 2 x 175mm²
ACSR per phase-1 x 175mm²
ACSR earthwire
Issue 1, 1986
- 43-11 400kV steel tower
transmission lines-
specification L.12 (2 x
700mm² AAAC per phase) (1
x 425mm² AAAC earthwire)
Issue 1, 1984
- 43-12 Insulated aerial bundled
conductors erection
requirements for 1v overhead
distribution systems
Issue 1, 1986
Corrigendum 1, 1987
Corrigendum 2, 1988
- 43-13 Aerial bundled conductors
(ABC) insulated with cross-
linked polyethylene for low
voltage overhead distribution
Issue 1, 1986
Corrigendum September 1987
- 43-14 Conductor fittings and
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conductors
Issue 1, 1989
- 43-15 Insulator binds and equivalent
helical fittings for overhead
lines
Issue 1, 1988

43-30	Low voltage overhead lines on wood poles Issue 2, 1981
43-40	High voltage single circuit overhead lines on wood poles Issue 1, 1988
43-50	132kV single circuit overhead lines on wood poles Issue 1, 1984 Corrigenda April and July 1985 Corrigendum December 1987
43-81	Portable earthing equipment for high voltage overhead lines up to and including 66kV Issue 1, 1984
43-88	Treatment of wood poles and associated timber for overhead lines Issue 3, 1988
43-90	Anti-climbing devices for hv lines up to and including 400kv Issue 2, 1979
43-91	Stay strands and stay fittings for overhead lines Issue 4, 1984
43-92	Conductor fittings for overhead lines Issue 2, 1985 Corrigendum 1986
43-93	Line insulators Issue 3, 1986 Corrigendum December 1986
43-94	Earth rods and their connectors Issue 2, 1977
43-95	Steelwork for overhead lines Issue 5, 1989

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43-96	Fasteners and washers for wood pole overhead lines Issue 2, 1986
43-97	Steel overhead line supports Issue 1, 1990
44-1	Carbon brushes (for rotating electrical machines) Issue 2, 1971
44-2	Electric motors-dimensions Issue 1, 1970
44-3	Electric motors-specification (3300V and above) Issue 2, 1980 Erratum 1983
44-4	Electric motors-specification (415V and below, 0.75kW and above) Issue 2, 1980
44-5	Testing the insulation systems of stator coils for rotating electrical machines Issue 4, 1987
44-7	Testing the insulation systems of bars (half coils) for rotating electrical machines of turbine driven and hydro-generator types Issue 1, 1978
48-1	Static relays-dimensions Issue 1, 1969
48-2	Fault passage indicators for 6.6kV and 11kV underground and overhead distribution systems Issue 1, 1974
48-3	Instantaneous high-impedance differential protection Issue 1, 1977 Amendment 1, 1987

48-4	D.C. relays associated with a tripping function in protection systems Issue 3, 1983
50-1	Direct reading pressure gauges (for oil-filled cable systems) Issue 2, 1977
50-2	Bimetallic ammeters Issue 1, 1975
50-3	Code for transmitting and recording metering and associated information Issue 1, 1975
50-4	Analogue direct current signal for plant instrumentation and control systems Issue 1, 1978 Addendum 1979
50-5	Standardised contact sensing circuits Issue 1, 1983
50-6	Pressure switches for oil-filled cable systems Issue 1, 1986
50-7	Token-operated prepayment watt-hour meter-Class 2 Issue 1, 1986
50-8	Token acceptor for operation in conjunction with credit watt-hour meter Issue 1, 1986
50-18	Design and application of ancillary electrical equipment Issue 2, 1989
56-1	Ferritic steel valve castings Issue 2, 1989
62-1	Boiler feed pump impeller castings Issue 1, 1981
62-2	Ash pumps

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	Issue 2, 1988
62-3	Main circulating water pump impeller castings
	Issue 1, 1983
62-4	Inspection and testing of boiler feed pump shafts, casings, impellers and diffusers
	Issue 1, 1983
66-1	0.5% Chromium, molybdenum, vanadium steel castings for steam turbines
	Issue 2, 1989
66-2	2.25% Chromium, molybdenum steel castings for steam turbines
	Issue 1, 1989
66-3	Carbon steel castings for steel turbines
	Issue 1, 1989
68-1	Tubes and tube assemblies for boilers
	Issue 2, 1988
68-2	Acceptance levels for radiographic examination of flash butt welds in steel tubes
	Issue 1, 1983
98-1	Surface preparation and paint finishing of new plant and equipment
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98-2	Ultrasonic probes
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98-4	Ultrasonic testing of ferritic steel castings
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	Issue 3, 1989
	Part 2: Seamless tubes, outside diameters 160mm and above
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	Part 3: Longitudinally submerged arc welded steel tubes, outside diameters 160mm and above
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	Part 4: Longitudinally electric resistance and induction welded steel tubes, outside diameters 160mm and above
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98-6	Ultrasonic testing of ferritic steel plate
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98-7	Ultrasonic probes: normal (0 degs) compression wave probes for contact testing
	Issue 1, 1982
98-8	Ultrasonic probes: low frequency single crystal shear wave angle probes
	Issue 1, 1982
98-9	Ultrasonic flaw detectors
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	Amendment No.1 1987
98-10	Manual ultrasonic testing of welds in ferritic steel sections
	Part 1: Butt welds in ferritic steel sections greater than 10mm thick
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	Part 2: Nozzle, branch, stub and attachment welds
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	Part 3: Butt welds in tubes of outside diameters between 25mm and 120mm inclusive
	Issue 2, 1984

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	Part 4: Guidance on inspection capability and joint design
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98-11	Radiographic testing of steel castings
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98-12	Calibration and routine performance checks of ultrasonic NDT equipment
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98-13	Manual ultrasonic testing of forgings for turbine and generator rotors, shafts and discs
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98-14	Ultrasonic testing procedures for non-magnetic generator coil retaining ring forgings
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98-15	Automatic eddy current testing of tubes
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	Part 2: Verification of hydraulic leak tightness of steel tubes
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98-16	Defect evaluation and size estimation by the manual ultrasonic testing method
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98-17	Radiographic examination of fusion welded butt joints in steel
	Issue 1, 1989
98-18	Capability of magnetic particle inspection

	Issue 1, 1989
98-19	Acceptance criteria for pipe circumferential butt welds
	Issue 1, 1989
98-20	Penetrant flaw detection capability
	Issue 1, 1989
98-21	Magnetic particle and dye penetrant testing materials. Chemical compatibility and health hazards
	Issue 1, November 1989
98-22	Capability of ultrasonic testing of ferritic steel forgings
	Issue 1, 1989
98-23	Ultrasonic and visual inspection of components lined with tin based white metal
	Issue 1, 1989
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CJ1103	Crepe paper insulated straight through joints for belted three-core 11kV pre-impregnated or mass-impregnated non-draining solid type cables with stranded aluminium conductors
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Section 4: Oil-immersed
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Section 5: Air insulated
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power stations: general design
and performance

Section 6: Earthing and
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design and performance

Section 7: Oil-immersed series
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Section 15: Tanks, conservator
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Section 16: Valves, drain
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1982

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Section 17: Cleaning and paint
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Section 18: Dehydrating
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Section 19: Oil level gauges

Section 20: Radiators, cooling-
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Section 21: Rating and
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Section 22: Oil circulating
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Section 24: Motors

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Section 26: Tap changing
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Section 27: Electrical control
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Section 28: Temperature
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Revision 1, 1980

Section 29: Gas and oil-
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Section 30: Oil flow indicators,
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differential pressure gauges

Section 31: Marshalling kiosks
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Section 32: Terminal housing
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Section 33: Control
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	1974
G19/1	Model guidelines for operations or work on the premises of consumers receiving hv supply
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G21	Assessment of oil handling and storage plant requirements for 132kV outdoor substations
	1975
G22/2	Superimposed signals on public electricity supply network
	1984

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G24	Code of practice for the safe operation of ground-mounted dependent manual closing oil switches and oil circuit breakers at 11kV and 6.6kV 1975
G27	Mobile radio systems-modulation in the VHF middle band 1975
G28/3	National Equipment Defect Reporting Scheme-notes of guidance 1989
G29	Farm hygiene: precautions to prevent spread of animal and poultry diseases 1977
G30/1	Guidance on pole top rescue procedures 1986
G31	Recommended colour code for control boards, diagrams and wall maps 1976
G32/1	Guide to safety in the storage, handling and use of highly flammable liquids and liquefied petroleum gases 1985
G35	Precautions to be taken by persons working in the vicinity of overhead lines on construction sites 1977
G38/1	Operational procedure associated with electricity supplies for traction purposes on a.c. and d.c. electrified lines 1985
G39	Model code of practice covering electrical safety in the planning, installation, commissioning and

	maintenance of public lighting and other street furniture 1979
G42/1	Overhead lines in the vicinity of recreational sites 1983
G44	Mandatory procedure for the co-ordination of power line carrier system frequencies 1980
G45/1	Notes of guidance for Electricity Boards on the use of irrigators, slurry guns and high pressure hoses in the vicinity of overhead lines 1983
G46	The maintenance of electrical plant and equipment up to and including 132kV 1981
G48	Remedial measures for Enfield 132kV gas compression cable sealing ends 1981
G49	Jointing instructions for 132kV and 275kV compression cables, fittings and ancillary equipment (Pirelli Enfield) 1981
G50	Maintenance of 132kV gas compression sealing ends 1986
G51	Guidance notes on control of access to high voltage compounds with disconnectors used in the fault interfering mode 1981
G53	Radio communications in an emergency-system design and operational recommendations to achieve maximum reliability and flexibility

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	1982	
G54	Operational procedures for helicopter use within the ESI	
	1982	
G55	The avoidance of danger from overhead electric lines and underground electric cables in forests and plantations	
	1983	
G56	Special requirements for the access of Boards' staff to British Railways Board operational land for inspection purposes and work	
	1987	
G57	Cable laying on agricultural land	
	1983	
G58/1	Purchase, use, storage, inspection and maintenance of hand held insulated tools for live working up to 1000 volts	
	1986	
G59	Recommendations for the connection of private generating plant to the Electricity Boards' distribution systems	
	1985	
G61	Handling of electrostatic sensitive devices	
	1985	
G62	Operational safety when working in the vicinity of live high voltage overhead lines	
	1985	
G64	Safety in cableways	
	1986	
G66	Guidance on the specification, use and maintenance of portable lifting equipment in Area Boards	

	1986
G67	Guidance on safety in conductor stringing on overhead lines
	1987
G68	The fault performance of non-auto-reclosing oil circuit-breakers intended for 11kV (250MVA) underground distribution networks
	1988
G69	Guidance on the safety aspects of work on sulphur hexafluoride filled distribution equipment up to 145kV
G70	Vegetation control near overhead lines
	1989
G71	Purchase, storage, use, inspection and maintenance of insulating mats for electrical purposes up to 650V
	1989
L9/2	Testing of wood poles prior to climbing or use as a support
	1978
L13/1	Street lighting brackets fixed on joint user poles with the Post Office
	1960
L15/4	Notes on use of PVC insulated hv conductors (up to 11kV) as protection for Post Office open wires or aerial cable
	1968
L32/1	Recommended procedure for erecting Area Board overhead lines over motorways
	1975
L36	Metric profile scales
	1971

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L37	Overhead transmission steel tower line construction: code of behaviour 1971
L38	Protective greasing of PVC covered copper and bare and PVC covered aluminium based overhead line conductors 1981
L41	Use of home grown wood poles for overhead line supports 1987
M1/2	Standardisation of equipment required for kW maximum demand metering on consumer's premises 1956
M3	Meter voltage markings 1951
M7/1	Certification of meters other than kWh meters 1956
M10/3	Serial numbering of meters 1988
M11/1	Standardisation of accuracy requirements for new meters 1970
M12/1	Standard wiring polyphase metering equipments 1957
M15/4	Fused flexible leads for use with portable voltage measuring instruments at voltages up to 600 volts ac/dc 1981
M25/1	Improving the security of meters and associated service equipment 1988
M26/2	Standard purchasing requirements for single phase,

	one rate and two rate house service credit meters 1988
M28	Consumers' attachments to Boards' meters 1988
M29	Facilities offered to customers from Area Board metering equipment 1989
P1/3	275/33kV, 132/33kV and 132/11kV supply point transformers 1969
P2/5	Security of supply 1978
P3/1	Load reduction by voltage adjustment 1977
P4	Power factor improvement 1955
P5/5	Design of low voltage underground networks for new housing estates 1987
P10	Voltage control at bulk supply points 1965
P11/1	Compact 132/33kV substations 1969
P14	Preferred switchgear ratings 1971
P15	Transformer loading guide-a guide to the loading of double- wound transformers having nominal ratings of 120MVA and below. Supplying systems at 66kV and below from the supergrid and 132kV system 1971

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P16	EHV or hv supplies to induction furnaces 1975
P17	Current rating guide for distribution cables Part 1: 11kV cables Part 2: 33kV cables 1976 Amendment 1, 1978
P18	Complexity of 132kV circuits 1978
P19	Procedure for the planning and design of 132kV systems 1979
P20/1	Earthing policy in relation to the customer's installations 1989
P23	Consumers' earth fault protection on single phase supplies up to 100A for compliance with the 15th edition of the IEE Wiring Regulations for Electrical Installations
P24	AC traction supplies to British Rail 1984 Addendum, 1990
P25	The short-circuit characteristics of Electricity Boards' low voltage distribution networks and the co-ordination of overcurrent protective devices on 240V single phase supplies up to 100A 1984
P26	The estimation of the maximum prospective short- circuit current for three phase 415V supplies 1985

P27	Current rating guide for high voltage overhead lines operating in the UK distribution system 1986
P28	Planning limits for voltage fluctuations caused by industrial, commercial and domestic equipment in the United Kingdom 1989
P29	Planning limits for voltage unbalance in the United Kingdom 1990
P01	Post Office Memorandum A80(e): Protection of Post Office lines from contact with low or medium voltage power lines 1975
P02	Post Office Memorandum A231(b): Protection of Post Office lines from high voltage power lines 1975
P04/1	Services to British Telecom Public Telephone Housings 1988
S2/4	Limitation of fire risk in substations at 132kV and below and in enclosed cableways 1976
S3/1	Metering current transformers for use in switchgear 1978
S5/1	Earthing installations in substations 1966 Amendment 1, 1969 Amendment 2, 1970

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	Addendum 1969
S15	Standard schematic diagrams 1956 Part 1: Schematic diagrams Part 2: Alarm schemes Part 3: Basic diagrams for voltage and current transformer secondary circuits Amendment 1, 1970 Amendment 2, 1988 Part 4: Circuit diagrams for 6.6/11kV standard distribution switchgear
S17	Guide for light current control, indication and alarm equipment 1960 Amendment 1, 1964
S26	Aluminium busbar installations for use in 33kV outdoor substations 1968
S30	Upgrading 132kV 3500MVA substations to 5000MVA 1973
S31	Increase in single-phase earth fault rating at 132kV 3500MVA substations 1973
S33	Switchgear current ratings at reduced ambient temperature (excluding fuses) 1982
S34	A guide for assessing the rise of earth potential at substation sites 1986 Amendment 1, 1986 Amendment 2, 1988

S35	Remedial measures for 11kV outdoor groundmounted switchgear 1987
S36	Procedure to identify and record “hot” substations 1988 EB/BT.1 Conditions for British Telecom and Electricity Board joint use of poles 1982
TELE.1	The Electricity Boards' practices for the design, installation, operation and maintenance of telecommunication systems 1983
T1	System phasing 1949
T3	Automatic voltage control at grid supply points
T8/6	The cost of losses for transformers used on distribution systems 1987
ACE1	Power factor improvement 1953 Section: Recommendations
ACE3	Use of series capacitors in power systems 1956 Addendum 1965 Section 3
ACE11	Standardisation of auto-reclosing facilities on 11kV ground-mounted metalclad distribution switchgear 1966 Addendum 1971 Sections 3, 4, Addendum
ACE14	Guide and report on high voltage live line working on overhead lines carried out on steel, wood or concrete

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	supports up to and including 132kV
	1974
	Revision 2 (1983) to Section 2
	All Sections
ACE21	Guide and report on medium and low voltage live line working
	1969
	All Sections
ACE23	Guide to the provision of electronic telecontrol equipment for Area Electricity Boards
	1969
	All Sections
ACE24	Standardisation of coding for ripple control signals
	1969
	All Sections
ACE30	Recommended procedure for the selection of power line carrier frequencies
	1972
	All Sections
ACE44	Pulling-in aluminium-sheathed cable
	Part 1: 11kV belted corrugated type 1975 Section 5
	Part 2: 11kV screened corrugated type, 11kV belted smooth-sided type, consac cable
	1978 Section 6
ACE46	The maintenance of electrical plant and equipment up to and including 132kV
	1981
	All Sections
ACE51	The application of ER P2/5. Security of Supply

	1979
ACE54	Auto-reclosing schemes for 11kV distribution networks
	1977
	Sections 7, 11, Appendices
ACE55	
	Lightning protection for networks up to 132kV
	1977
	All Sections
ACE57	Guide to mechanical aids used for cable laying and overhead line erection
	1977
	All Sections
ACE59	132kV delayed auto-reclosing schemes
	1977
	All Sections
ACE67	Reliability investment in radial hv distribution systems with overhead lines
	1979
ACE68	Code of practice on the guarding of roadworks
	1979
	All Sections
ACE80	Guide to the maintenance of electrical plant up to and including 132kV
	1981
	All Sections
ACE105	Report on the design of low voltage underground networks for new housing
	1986
	All Sections
ET106	Remedial measures for outdoor ground-mounted switchgear

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	1987
	All Sections
ET110	Test procedures to determine the capability of cable screens to withstand fault currents from internal failures
	1989
	All Sections
ET112	Harmonic impedance of supply systems
	1988
	Section 7
ET113	Notes of guidance for the protection of private generating sets up to 5MW for operation in parallel with Electricity Boards' distribution networks.
	1989

PART II

ARRANGEMENTS APPROVED

G28/3	National Equipment Defect Reporting Scheme- notes of guidance
	1989
G43/1	Instructions for reporting to the National Fault and Interruption Reporting Scheme
	1984
P22	Code of practice procedure for advising customers on the unsuitability of water pipes for use as earth electrodes
	1981
P23	Consumers' earth fault protection on single phase supplies up to 100A for compliance with the 15th edition of the IEE Wiring Regulations for Electrical Installations
P25	The short-circuit characteristics of Electricity Boards' low voltage distribution networks and the co-ordination of overcurrent protective devices on 240V single phase supplies up to 100A

	1984
P26	The estimation of the maximum prospective short-circuit current for three-phase 415V supplies
R1/3	Immediate Notification of Dangerous and Potentially Dangerous Incidents and Changes in Operational Policy
	1988

EXPLANATORY NOTE

(This note is not part of the Order)

This Order approves standards of dimension, design, quality or performance of goods and manufacturing processes and of performance in the provision of services, and arrangements as to the provision of information or advice, all of which have been adopted by Electricity Association Services Limited. The effect of the Order is that, for the purpose of determining whether an agreement is one to which the Restrictive Trade Practices Act 1976 applies, no account is taken of any term in the agreement by which the parties or any of them agree to comply with, or to apply, the standards and arrangements so approved.

The standards and arrangements (other than those which are confidential) may be inspected at the premises of Electricity Association Services Limited, 30 Millbank, London SW1P 4RD.