

	ng system technology	1.2.1.7	Current and energy	1.2.6.3.1	Probes, transducers (e.g.	1.4.11.3	Branching
1.1	House and building		consumption analysers		for temperature, pressure, moisture)	1.4.11.4	Channel preparation
	automation	1.2.1.8	Measuring instruments and	1.2.6.3.2	Transducers for CO ₂ and	1.4.11.5	Installation materials
.1.1	House automations	10101	equipment for	1.2.0.3.2	air quality	1.5	Alarm, safety and
1.1.1.1	In-house and external	1.2.1.8.1	quantity, filling level, flow rate of liquids and	1.2.6.3.3	Control drives, valves,		monitoring systems
	operating and observation facilities		gases	1.2.0.0.0	throttle valves	1.5.1	Alarm systems
.1.1.2	Automatic facilities for	1.2.1.8.2	pressure	1.2.6.4	Electrical/electronic/pneu-	1.5.1.1	Burglar alarm systems
.1.1.2	heating engineering	1.2.1.8.3	temperature		matic I & C installations for	1.5.1.2	Deliberately operated
.1.1.3	Automatic facilities for venti-	1.2.1.9	Amount of heat		decentralised ventilation and air-conditioning		alarms
.1.1.0	lation, air-conditioning and	1.2.1.9.1	Calorimetric counters	1.2.6.4.1	Probes (e.g. for	1.5.1.3	Fire alarm systems
	refrigeration engineering		(electronic)	1.2.0.4.1	temperature, pressure,	1.5.1.4	Escape route guidance,
.1.1.4	Automatic facilities for	1.2.1.9.2	Heating costs distributors		moisture, air speed)	1.5.2	dynamic
	plumbing	1.2.1.10	Moisture	1.2.6.4.2	Presence sensing elements		Safety systems
.1.1.5	Automatic facilities for	1.2.1.11	Room climate	1.2.6.4.3	Controlled humidity	1.5.2.1	Gas alarm installations
1 1 0	safety technology	1.2.1.12	Smoke spot number		cabinets, thermostats, clocks	1.5.2.2	Smoke and heat extractions
.1.1.6	Automatic facilities for light- ing/shading engineering	1.2.1.13	CO	1.2.6.4.4	Control drives, valves,	1.5.2.2.1	Detectors
.1.1.7	Automatic facilities for in-	1.2.1.14	CO ₂	1005	throttle valves	1.5.2.3	Closing and opening
.1.1.7	house communication and	1.2.1.15	Sound, structure-borne	1.2.6.5	Building instrumentation and control	1.5.2.5	systems
	telecommunication		noise	1.2.6.5.1	Master computer	1.5.3	Monitoring systems
.1.1.8	Automatic facilities for	1.2.1.16	Air speed	1.2.6.5.2	Operating and observation	1.5.3.1	Video monitoring system
	further applications	1.2.1.17	Smoke gas analysis 22	1.2.0.3.2	units (alphanumerical)	1.5.3.2	Access control systems
.1.2	Building automation	1.2.1.18	kW value	1.2.6.5.3	Energy management	1.5.3.3	Movement detecting
1.1.2.1	Centralised/decentralised	1.2.2	Control engineering		systems	1.0.0.0	systems
	management systems	1.2.2.1	Programmable logic	1.2.6.6	Direct digital controls (DDC)	1.5.4	Fire door holders
.1.2.2	System components for		controllers	1.2.6.6.1	Digital programmable	1.6	Data systems and
	data communication	1.2.2.2	Control units (e.g. heating,		stations for measurement		network technology
.1.2.3	Automation systems for heating engineering		air conditioning and lighting)		and process control tasks in engineering operation and	1.6.1	Passive components
.1.2.4	Automation systems for	1.2.2.3	Control, adapter and power		maintenace installations	1.7	Energy generation
.1.2.4	ventilation/air-conditioning/		electronics		(e.g. HVAC-systems)	1.7.1	Power generating aggre-
	refrigeration engineering	1.2.3	Control engineering	1.2.6.6.2	Digital programmable		gates, small generators
.1.2.5	Automation systems for	1.2.3.1	Controllers		stations for systems inte-	1.8	Energy supply
	plumbing	1.2.3.2	Maximum monitors		grated in technical building equipment (e.g. fire alarm	1.8.1	Current supply systems u
.1.2.6	Automation systems for	1.2.3.3	Network monitoring systems		devices, access control,		to 1,000 volts
	lighting engineering	1.2.3.4	Control drives		time-operator acquisition)	1.8.2	Uninterruptible power
1.1.2.7	Automation systems for	1.2.3.5	Reactive power compensation	1.2.6.6.3	Telecommunication for		systems (UPS)
	electrical distribution	1.2.3.6	Remote control systems		public switched telephone network	1.8.3	<u>Transformers</u>
1.1.2.8	Automation systems for shadowing technology	1.2.3.7	House instrumentation	1.2.6.6.4	Field devices	1.9	Power conversion
1.1.2.9	Automaton systems for lift		and control systems	1.3	Management and	1.9.1	<u>Conversion</u>
1.1.2.9	engineering	1 2 2 0	(I & C systems)	1.3	visualisation systems	1.9.1.1	Current-voltage converte
1.1.2.10	Automation systems for	1.2.3.8	Single room automatic controllers	1.3.1	Visualisation systems	1.9.1.2	Inverters
1.1.2.10	outdoor installations (e.g.	1.2.4	Hydraulic control systems	1.4	Information and commu-	1.10	Energy storage
	gate systems)	1.2.5	Bus systems for measure-		nication installations	1.10.1	<u>Storage</u>
1.1.2.11	Automation systems for	1.2.3	ment and process control	1.4.1	<u>Telecommunication</u>	1.10.1.1	Batteries
	further applications		engineering		equipment and systems	1.10.1.2	Accumulators
1.1.3	Building systems technology	1.2.6	Heating, air-conditioning,	1.4.1.1	Terminal equipment	1.11	E-mobility
1.1.3.1	Systems technology		ventilation controls and	1.4.1.2	Test and measuring instru-	1.11.1	E-vehicles
1.1.3.2	Bus compatible installation	1001	building automatons		ments	1.11.2	Charging infrastructure
	systems	1.2.6.1	Electrical/electronic I & C installations for	1.4.2	Intercom and two-way radio	1.11.2.1	Charging stations
1.1.3.3	Modular wiring systems		central heating control	1.46	<u>installations</u>	1.11.2.2	Wallboxes
1.1.3.4	Radio bus	1.2.6.1.1	Control drives, mixers,	1.4.3	In-house communication	1.11.3	Energy service providers
1.1.4	Energy efficiency		valves, throttle valves	1.4.4	<u>Door interphones</u>	1.12	Smart grid technologi
1.1.4.1	Smart home	1.2.6.1.2	Switchboards	1.4.5	Bell-ringing installations	1.13	Grid expansion (infra-
1.1.4.2	Smart metering	1.2.6.2	Electrical/electronic I & C	1.4.6	<u>Light-signal call and person</u> search installations	5	structure)
.1.5	Staircase lifts		installations for decentral-	1 4 7			,
.2	Measurement and pro-		ised heating control	1.4.7	<u>Electro-acoustic</u> installations	2. Electri	ical and sanitary
	cess control engineering	1.2.6.2.1	Single room temperature	1.4.8	Multimedia applications	techno	
.2.1	Measurement engineering		and zone regulators with communication interface	1.4.8.1	Software	2.1	Installation technolog
.2.1.1	Flush-type measuring	1.2.6.2.2	Room temperature probes	1.4.6.1	Aerial masts		and systems
	instruments	1.2.6.2.2	Remote control and display	1		2.1.1	Pipes and accessories
.2.1.2	Recording measuring	1.2.0.2.3	equipment	1.4.9.1	Mounting systems	2.1.1.1	Pipes for radiant panel
	instruments	1.2.6.2.4	Clock thermostats	1.4.10	<u>Aerials</u>		heating
.2.1.3	Transducers	1.2.6.2.5	Thermostats	1.4.10.1	Terrestrial receiving stations	2.1.1.2	Pipes for hot water heat
.2.1.4	Sensors	1.2.6.2.5	Electrical/electronic/pneu-	1.4.10.2	Satellite receiving aerials	2.1.1.3	Pipes for drinking water
1.2.1.5	Optical and acoustic signal-	1.2.0.3	matic I & C installations	1.4.11	<u>Distribution systems</u>		long-distance transmissi
	ling instruments, displays		for central ventilation/air-	1.4.11.1	Amplifiers		lines
	Network analysers		conditioning control	1.4.11.2	Distributors	2.1.1.3.1	Fibre cement pipes





2.1.1.3.2	Plastic pipes	2.1.2.2	Cellar drainage and back-	2.1.4.2.4.1	Pressure flusher/cistern	2.1.8.	Electrical installation
2.1.1.3.3		2122	water shut-offs	211212	fittings Urinal flushes	2101	<u>systems</u>
2.1.1.3.4	also factory insulated Flexible pipes	2.1.2.3	Soil drainage and bath drainage	2.1.4.2.4.2	Jet regulators, air bubblers	2.1.8.1	Channel systems Cable channels, cableways,
2.1.1.3.5	• •	2.1.2.4	Yard drainage and inlet top	2.1.4.3	Fittings for related	2.1.0.2	cable racks, troughs
	pipes	2.1.2.5	Manhole covers		appliances	2.1.8.3	Pipes, tubes
2.1.1.3.6		2.1.2.6	Balcony drainage	2.1.4.3.1	Laboratory fittings	2.1.8.4	Under-floor installation
2.1.1.3.7	Accessories for long distance pipelines	2.1.2.7	Roof drainage	2.1.4.3.2	Safety showers	2.1.8.5	systems Vertically installed post
2.1.1.3.8	' '	2.1.2.8	Odour traps for sewers	2.1.4.3.3	Fittings for fountains and drinking fountains	2.1.0.3	systems
2.1.1.4	Fittings, pipe connectors	2.1.2.9 2.1.2.10	Petrol separators	2.1.4.4	Fittings for heating and	2.1.8.6	Flush-type units for
	and closures	2.1.2.10	Grease separators Trenchless pipe systems		drinking water heating	0407	installation systems
2.1.1.4.1	r · · · · ·	2.1.2.11	Water treatment/water	01441	installations	2.1.8.7	Connectors, branches, switches, sockets and boxes
2.1.1.4.2	steel/stainless steel/ aluminium	2.1.0.	purification	2.1.4.4.1	Metal shut-off fittings Valves	2.1.8.8	Leads/cable, bushings,
2.1.1.4.3		2.1.3.1	Dosing plants	2.1.4.4.2	Non-ferrous metal shut-off		bulkheads
2.1.1.4.4		2.1.3.2	Filters and filter plants		fittings	2.1.8.9	Adhesives technology
2.1.1.4.4	0 0,	2.1.3.3	Chemical additives	2.1.4.4.2.1	Valves	2.1.8.10	Identification and labelling materials
2.1.1.4.4	1.2 Soldering	2.1.3.4	Softening plants	2.1.4.4.3	Arrester, separator, drain fittings	2.1.9	Fire technology
2.1.1.4.4	1 1 0	2.1.3.5	Water degermination equipment	2.1.4.4.3.1	Quick exhausters,	2.1.9.1	Coatings
2.1.1.4.4	3.	2.1.3.6	Physical water treatment	2.1.1.1.0.1	air separators	2.1.9.2	Coverings
2.1.1.4.4		2.1.3.7	Deionisation plants	2.1.4.4.3.2	Separators for solid, liquid	2.1.9.3	Fire walls
2.1.1.4.4 2.1.1.4.5	'	2.1.4.	<u>Fittings</u>	2.1.4.4.4	and gaseous substances	2.1.10	Energy distribution
Z.1.1.4.3	sators	2.1.4.1	Pipe fittings for water supplies to buildings/sites	2.1.4.4.4	Regulating fittings Pressure regulators	2.1.10.1	Service boxes
2.1.1.5	Discharge pipes and adapt-		(excluding sanitary)	2.1.4.4.4.2	Temperature controllers	2.1.10.2 2.1.10.3	Meter cabinets, boards Distribution cabinets, small-
	ing pieces	2.1.4.1.1	Shut-off and run-off fittings	2.1.4.4.5	Mixer fittings	2.1.10.3	scale distributors
2.1.1.5.	Discharge pipes and adapt- ing pieces for building, site	2.1.4.1.1.1	Shut-off valves, straight	2.1.4.4.5.1	Heater mixers	2.1.10.4	Building current, mobile
	and road drainage	21412	and inclined seat types	2.1.4.4.5.2	Straight-way, multi-way	0.1.10.5	distributors
2.1.1.5.2		2.1.4.1.2	Safety fittings Backflow preventers	0.4.4.0	valves	2.1.10.5 2.1.10.6	Switch cabinets Mains stations
2.1.1.5.3	and adapting pieces Plastic discharge pipes	2.1.4.1.2.1	Pipe separators, interrupters,	2.1.4.4.6	Fittings for pressure regula- tion of household installa-	2.1.10.0	Low-voltage switching
2.1.1.0.0	and adapting pieces, also	2.1.4.1.2.2	ventilators		tions	2.1.10.7	installations
	sound-insulated	2.1.4.1.3	Pressure reducers	2.1.4.4.6.1	Differential pressure control	2.1.10.8	Medium-high voltage
2.1.1.6	Exhaust gas pipes, vents, chimneys and accessories	2.1.4.1.3.1	Household water pressure	2.1.4.4.6.2	systems Line regulating valves	2.1.11	switching installations Switching devices, protec-
2.1.1.6.1	•	2.1.4.1.3.2	reducers Pressure reducer combina-	2.1.4.4.6.3	Over-current valves	2.1.11	tors, plugs and sockets
	accessories	2.1.4.1.3.2	tions for household water	2.1.4.4.7	Safety valves	2.1.11.1	Installation switches
2.1.1.6.	0 11		installations	2.1.4.4.7.1	Safety valves for drinking	2.1.11.2	Current impulse switches
2.1.1.6.2	2 Exhaust pipes for con- densing equipment and	2.1.4.2	Sanitary fittings		water treatment	2.1.11.3	Time switches
	low-temperature boilers	2.1.4.2.1	Mixer fittings Dual-grip mixer fittings	2.1.4.4.7.2	Safety valves for central heating installations	2.1.11.4	Push buttons
	made of	2.1.4.2.1.1	Single-grip mixer fittings	2.1.4.4.8	Fittings for radiator regula-	2.1.11.5	Contactors, relays (also explosion-proof)
2.1.1.6.2		2.1.4.2.1.3	Thermostatically controlled		tion	2.1.11.6	Power switches
2.1.1.6.2 2.1.1.6.3			fittings	2.1.4.4.9	Heating loop distributors	2.1.11.7	Main switches
2.1.1.6.3		2.1.4.2.1.4	Contactless controlled fit- tings	2.1.5.	Curtain wall installations Prefabricated installations.	2.1.11.8	On-load switches
2.1.1.6.3	•	2.1.4.2.1.5	Safety mixer fittings	2.1.5.1	sanitary cores	2.1.11.9	Separating devices
2.1.1.7	Tubes and bellows	2.1.4.2.1.6	Doctor's and hospital fittings	2.1.5.1.1	Installation frames, walls	2.1.11.10	Emergency-off switches
2.1.1.7.	Plastic tubes	2.1.4.2.1.7	Series and circular wash-	0.4540	and blocks	2.1.11.11	Protective switches for motors
2.1.1.7.2			basin installation fittings	2.1.5.1.2	Equipment and systems for curtain wall installations	2.1.11.12	Fuses
2.1.1.8	Sealants	2.1.4.2.1.8	Shower fittings combinations	2.1.5.1.3	Supporting structures for	2.1.11.13	Line circuit protectors
2.1.1.8.	0 1	2.1.4.2.2	Shut-off and run-off fittings Flush-type shut-off valves		sanitary objects	2.1.11.14	Fault current protectors
2.1.1.8.2 2.1.1.8.3	o .	2.1.4.2.2.1	and gates with sanitary	2.1.6.	<u>Cables/conductors</u>	2.1.11.15	Plugs
2.1.1.9	Heat and noise insulation,		upper part	2.1.6.1	Cables	2.1.11.16	Couplings
2.1.1.0	corrosion and fire protection	2.1.4.2.2.2	Corner valves, sanitary versions	2.1.6.2 2.1.7.	Fibre-optic light guides Connecting material, small	2.1.11.17 2.1.11.18	Sockets Combinations
2.1.1.9.		2.1.4.2.2.3	Run-off valves	2.1.7.	parts, accessories	2.1.11.10	Radio switches
2.1.1.9.2	insulating wrapping	2.1.4.2.2.4	Appliance connecting	2.1.7.1	Cable sleeves, cable acces-	2.1.11.20	Dimmer switches
۷.۱.۱.۶.۶	Insulating material for pipes and containers		fittings	2172	sories	2.1.12	Earthing, potential balance
2.1.1.9.3		2.1.4.2.2.5	Self-closing fittings (also for appliances)	2.1.7.2 2.1.7.3	Bushes Compression connectors	2.1.12.1	Earthing material
0446	(water, wastewater)	2.1.4.2.3	Showers	2.1.7.3	Fixing and mounting material	2.1.12.2	Materials for potential
2.1.1.9.4	Sound-proofing for piping (water, wastewater)	2.1.4.2.3.1	Hand showers	2.1.7.4	Fork terminals	2.1.13	balance
2.1.1.10		2.1.4.2.3.2	Head showers	2.1.7.6	Fixing material	2.1.13	Interior lightning protection, over-voltage protection
2.1.2	Drainage technology	2.1.4.2.3.3	Side showers	2.1.7.6.1	Mounting rails	2.1.13.1	Interior lightning protection
2.1.2.1	Site drainage objects	2.1.4.2.4	Flushing fittings	2.1.7.6.2	Fixing systems	2.1.13.2	Network limiters





2.1.13.3	Equipment protection	2.4.5	Electrical monitoring	3.1.3	Gas burners and accessories	3.1.10.1.2	Automating systems
2.1.13.4 2.2	Screening Showers, baths, W.C.	2.4.6	systems for stoves/gas Lighting systems	3.1.3.1 3.1.3.2	Gas burners Gas burners with fan	3.1.10.1.3	Energy management systems
2.2.1		2.4.7	Opening/access systems	3.1.3.3		3.1.10.1.4	Transfer stations
۷.۷.۱	Sanitary equipment for bathrooms,	2.5	Wellness		Two-fuel burners (gas/oil)	3.1.10.1.5	Automation technology
	W.C.	2.5.1	Swimming pools	3.1.4	Radiators, radiant panel heating systems and acces-	3.1.10.1.6	Energy advice, delivery,
2.2.1.1	Baths and shower trays	2.5.1.1	Swimming pools Swimming pool water filters		sories	0.1.10.1.0	invoicing
2.2.1.2	Whirlpools	2.5.1.1	Swimming pool water liners Swimming pool water heat-	3.1.4.1	Convectors and baseboard	3.1.10.2	Utility supplied heat
2.2.1.3	Bath supports	2.3.1.2	ing systems		heaters		transfer stations
2.2.1.4	Washstands, hand-basins,	2.5.1.3	Swimming pool accessories	3.1.4.2	Panel heaters, radiant panel	3.1.10.2.1	Utility supplied heat house
	washbasins (bidets)	2.5.2	Sauna, solarium, fitness	04404	heaters, towel driers	0.4.40.00	stations
2.2.1.5	Washing, series washing	2.5.2.1	Sauna cabins and houses	3.1.4.2.1	Flat radiators	3.1.10.2.2	Mobile heating unit
	installations, washing rows, washing wells	2.5.2.2	Steam baths	3.1.4.2.2	Heated towel rails	3.2	Heating engineering, electrical systems
2.2.1.6	Shower cabinets, facilities,	2.5.2.3	Light therapy installations	3.1.4.3	Tubular radiators	3.2.1	Electric heaters
2.2.1.0	systems		0 17	3.1.4.4	Bathroom radiators	3.2.1.1	Electric radiators
2.2.1.7	Shower-W.C.	3. Heating	g technology	3.1.4.5	Radiator cover	3.2.1.2	Electric irradiators and
2.2.1.8	Drinking fountains	3.1	Heat generator(s), heat	3.1.4.5.1	Rolling grids, convector ducts		electric infra-red irradiators
2.2.1.9	Flushing systems, cisterns,	3.1	distribution, heat emis-	3.1.4.5.2	Plinths for covering radiator	3.2.1.3	Electric storage heaters
	pressure flushing		sion, components	0	pipes	3.2.1.4	Electric convectors
2.2.1.10	W.C. and urinal accessories	3.1.1	Boilers, drinking water	3.1.4.5.3	Radiator linking systems	3.2.1.5	Direct heaters
2.2.1.10.1	W.C. and urinal supports		heaters and accessories	3.1.4.6	Radiant panel heaters	3.2.1.6	Floor storage, direct floor
2.2.1.11	Outfitting objects for bath-	3.1.1.1	Oil/gas boilers for forced	3.1.4.6.1	Ceiling-mounted radiant		heating
0.04444	room and W.C.		draught burners with and without hot water prepara-		heating	3.2.2	Electric heating elements
2.2.1.11.1	Bathroom furniture, mirrored bathroom cabinets,		tion	3.1.4.6.2	Floor heating systems	3.2.2.1	Heating pads
	mirrors	3.1.1.2	Condensing equipment	3.1.4.6.3	Wall-mounted heating	3.3	Hybrid heating systems
2.2.1.11.2	Bathroom and shower grids,	3.1.1.2.1	Condensing equipment with	3.1.5	Systems Other besters	3.3.1	Heat pump with gas/oil condensing boiler
	seats, footrests, stools for		gas, with or without hot	3.1.5.1	Other heaters	3.3.2	Gas/oil condensing devices
0.04.44.0	bathroom showers	0.1.1.0.0	water preparation	3.1.5.1	Systems for heat recovery Containers, oil tanks and	0.0.2	with thermal solar system
2.2.1.11.3	Towels, bath towels, tooth mugs and toilet paper	3.1.1.2.2	Condensing boiler for gas	3.1.0	accessories		and/or solid biomass (sin-
	holders, bathroom hooks,	3.1.1.2.3	Condensing boiler for oil	3.1.6.1	Expansion tanks		gle-unit heat-producing appliance with water vessel)
	shelves, bath grips	3.1.1.3	Gas special boilers	3.1.6.2	Pressure tanks	3.3.3	Fuel cell
2.2.1.11.4	Soap and towel dispensers,	3.1.1.3.1	Gas special boilers with/ without drinking water	3.1.6.2.1	Storage tanks	3.3.4	Domestic co-generation
2.2.1.11.5	hair and hand driers		heating	3.1.6.3	Fuel oil storage tanks and	0.0.1	(mini, micro, large)
2.2.1.11.3	Wall and floor covering, tiles	3.1.1.4	Gas circulating water		accessories		
2.2.2	Electrical equipment		heaters/combined gas water heaters	3.1.6.3.1	Plastic fuel oil storage	4. Renew	able energy
2.2.2.1	Special design-oriented	01141		0404	tanks	4.1	Biogas plants
	switching devices, plug	3.1.1.4.1	Gas wall heaters, combined water heaters	3.1.6.4	Leak displays and alarm systems, leak-proofing	4.2	Fuel cell technology
	installations	3.1.1.5	Solid fuel boilers		equipment	4.3	Flat collectors
2.2.2.1.1	Installation switches	3.1.1.6	Drinking water heaters	3.1.6.5	Tank content displays	4.4	Wood chip boilers
2.2.2.1.2	Radio switches		(storage)	3.1.7	Corrosion protection,	4.5	Wood gasification boilers
2.2.2.1.3	Sockets	3.1.1.6.1	Directly heated electrical		scaling protection	4.6	Refrigerants
2.2.2.2	Special protective devices		drinking water storage	3.1.7.1	Scaling protection, antiscaling and de-scaling agents,	4.7	Collectors (thermal),
2.2.2.2.1	Emergency-off switches	3.1.1.6.2	Indirectly heated drinking water storage, internally		de-scaling installations		solar collectors and
2.2.2.2.2	Fault current protective switches		and externally heated	3.1.8	<u>Tiled stoves – open fireplaces</u>	4.0	absorbers
2.2.2.3	Special design oriented	3.1.1.7	Drinking water heaters	3.1.8.1	Heating inserts for tiled	4.8 4.9	Combined storage Complete systems
	lamps		(instant)		stoves	7.3	(thermal)
2.2.2.3.1	Key lights	3.1.1.7.1	Gas instant water heaters	3.1.8.1.1	Electric heaters	4.10	CHP from biomass
2.2.2.3.2	Light controls	3.1.1.7.2	Electrical instant water	3.1.8.2	Chimney inserts, chimney	4.11	I & C technology for
2.2.2.4	Special audio-systems for	0.4.4.5	heaters		cassettes, stoves with chimney		solar installations
	bathrooms	3.1.1.8	Drinking water heat pumps	3.1.8.2.1	Stoves with chimney	4.12	Wood piece pellets
2.3	Kitchen, domestic rooms	3.1.1.9	Heat exchangers	3.1.9	Combined heat and power		combi-boiler
2.3.1	Sanitary equipment	3.1.1.9.1	Heat exchangers for steam	00	<u>plants</u>	4.13	Pellet feed machines (screw-drive, suction
2.3.1.1	Washing-up tables and sinks, kitchen sinks	3.1.1.9.2	Heat exchangers for warm and hot water	3.1.9.1	Combined heat and power		systems)
2.3.1.2	Kitchen ventilation and	3.1.1.9.3	Exhaust gas heat exchangers	3.1.9.1.1	Combined heat and power	4.14	Pellet boilers
۷.۵.۱.۷	venting equipment	3.1.1.9.3	Degassers		plants, CHP modules	4.15	Pellet storage (tanks,
2.3.1.2.1	Fume hoods for large	3.1.1.9.5	Pressure hold equipment	3.1.9.1.2	Combined heat and power/ cooling and power		silos)
	commercial kitchens	3.1.1.3.3	Hot water preparation	3.1.9.1.3	Utility supplied heating	4.16	Storage tanks
2.4	Barrier-free and elderly	3.1.1.10	Hot water storage	J.1.5.1.3	compact installations	4.17	Photovoltaic systems
0.4.4	accessible	3.1.1.10.1	Instant water heaters	3.1.10	Near and utility supplied	4.17.1	Photovoltaic solar cells and modules
2.4.1	Safety equipment	3.1.2	Oil burners and accessories		heating technology	4.17.1.1	Solar cells
2.4.2	Bath and shower aids	3.1.2.1	Oil burners	3.1.10.1	Remote and local supplied	4.17.1.1	Modules
2.4.3	Toilet aids				heating combined genera-		iviouulos
0 4 4		3122	Pressure atomising humars		tion systems	4172	Photovoltaic system
2.4.4	Wash basin systems & accessories	3.1.2.2 3.1.2.3	Pressure atomising burners Oil boiler accessories	3.1.10.1.1	tion systems Heat storage tanks	4.17.2 4.17.2.1	Photovoltaic system Inverters





4.17.3	Photovoltaic parts, tracking	5.1.12	Domestic space and repre-	6.1.2.3.7	Sound deadeners	7.3.1.4	Cellar drainage pumps
	systems, installation systems		sentative lighting fittings	6.1.2.3.8	Air ducts and accessories	7.3.1.5	Sewage pumps
4.17.3.1	Installation systems	5.1.13	Accessories for electrical	6.1.2.3.9	Air passages	7.3.1.6	Submersible motor pumps
4.17.3.2	Installation aids	5.1.14	lighting fittings Illumination systems,	6.1.2.3.10	Room air conditioners	7.3.2	Circulation pumps
4.17.4	Photovoltaic applications	0.1.14	accessories	6.1.3	Used air ceilings for moist	7.3.2.1	Hot water circulation
4.17.4.1	Energy storage	5.1.15	LED		and grease-laden workrooms		pumps
4.18	Wood piece boilers	5.1.15.1	LED lighting	6.2	Refrigerating engineering	7.3.2.2	Service water circulation pumps
4.19	Solar thermal energy	5.1.15.2	LED modules	6.2.1	Refrigeration installations and accessories	7.3.2.3	Circulation pumps
4.19.1	Solar collectors and absorbers	5.1.15.3	Interior LED lighting	6.2.1.1	Refrigerated water sets	7.3.2.4	Circulation pumps for air
4.19.1.1	Solar collectors	5.1.15.4	Outdoor LED lighting	6.2.1.2	Refrigerating plants and	7.0.2.1	conditioning
4.19.1.2 4.19.2	Solar absorbers	5.2	Operational apparatus	0.2.1.2	accessories	7.3.3	Special pumps
4.19.2	Mounting systems and materials	5.2.1	Lighting control equipment	6.2.1.3	Refrigerants	7.3.3.1	Water jet pumps
4.19.2.1	Mounting systems	5.3	Illuminated advertising	6.2.1.4	Cooling ceilings	7.3.3.2	Pump installations (also
4.19.2.2	Mounting materials	5.3.1	installations Lamps and illuminants	6.2.1.5	Power/heat/cold coupling		with containers)
4.20	Building integration	5.4	Lighting control, lighting	6.3	Ventilation engineering	0 Dlumbii	ng engineering
	(solar facades/solar roofs)	J.4	management	6.3.1	Components for technical room air duct systems		
4.21	Solar cooling	5.4.1	Lighting control installations	6.3.1.1	Air technology ducts, pipes,	8.1	Metal roof and facade casings
4.22	Solar storage			0.3.1.1	air channels and adapters	8.1.1	in tin-smith technology
4.23	Drinking water solar storage		ditioning,	6.3.1.1.1	Sealing materials for air	8.2	Metal intermediate
4.24	Vacuum collectors		ation, ventilation		technology ducts		products
4.25	Heat exchangers	6.1	Air-conditioning	6.3.1.2	Air passages, air inlets, air outlets	8.2.1	<u>Aluminium</u>
	(condensers, evaporators)	6.1.1	technology Room air, technical installa-	6.3.1.3	Ventilation flaps	8.2.1.1	Aluminium strips
4.26	Wind energy technology	0.1.1	tions and equipment	6.3.1.3.1	Fire protection flaps	8.2.1.2	Aluminium sheets
4.07	and accessories	6.1.1.1	Central systems for indrawn	6.3.1.4	Sound deadeners	8.2.2	Copper
4.27	HP air-air		and exhaust air	6.3.2	Components for room air	8.2.2.1	Copper strips
4.28 4.29	HP air-water HP brine-water	6.1.1.2	Air humidifying and	0.0.2	technology equipment or	8.2.2.2	Copper sheets
4.29 4.30	HP water-water	6.1.1.3	de-humidifying equipment Air degermination equipment		<u>plants</u>	8.2.3	Brass
4.31	Downhole heat ex-	6.1.1.4	Air heating equipment	6.3.2.1	Fans	8.2.3.1 8.2.4	Brass strips
4.51	changers	6.1.1.5	Air heating equipment Air heaters	6.3.2.1.1	Axial fans	8.2.4.1	Zinc Zinc strips
4.32	Brine circuit manifolds	6.1.1.6	Hot air generators for liquid	6.3.2.1.2 6.3.2.1.3	Radial fans Roof fans	8.2.4.2	Zinc sheets
4.33	Distributor shafts	0	fuels	6.3.2.1.4	Fire gas fans	8.2.5	Galvanised steel
4.34	Accessories for shallow	6.1.1.7	Hot air generators for	6.3.2.2	Air treatment facilities	8.2.5.1	Galvanised steel strips
	ground geothermal systems	0110	gaseous fuels	6.3.2.2.1	Heat exchangers	8.2.5.2	Galvanised steel sheets
4.35	Accessories for solar	6.1.1.8	Room air conditioners Class 1 (consisting of fan	6.3.2.2.1.1	Air heaters, air coolers	8.3	Roof gutters, stack pipes
	technology		and installations for warm-	6.3.2.3	Air humidifiers/air washers,		and accessories
4.36	Accessories for heat	0.1.1.0.1	ing and moistening the air		atomising nozzles, steam	8.3.1	Flat roof drainage
4.07	pump technology	6.1.1.8.1	Room air conditioners Class 1 for warming (mois-	0.004	air humidifiers	8.3.1.1	Pressure roof drainage
4.37	Accessories for pellet heating		tening) indrawn air	6.3.2.4 6.3.2.5	Volume flow controls Clean room technology	8.3.2	systems Accessories
4.38	Accessories for wood,	6.1.1.9	Room air conditioners	6.3.3	Other air technology	8.3.2.1	Lightning protection
	wood-gas and solid-fuel		Class 2 (consisting of fan and installation for cooling	0.5.5	equipment		accessories
4.20	boilers Bing and and		(de-humidifying) indrawn air	6.3.3.1	Clean-room equipment	8.4	Metal working machines/
4.39 4.39.1	Pipe systems Flexible pipes	6.1.1.9.1	Room air conditioners	6.3.3.2	Drying engineering/drying	8.4.1	plumbing tools
4.33.1	riexible pipes		Class 2 (with and without integrated cooling or evapo-		plants	8.4.2	Edging machines Guillotine shears and band
5. Lighting	y technology		rating units)	6.3.3.3	Systems for domestic space ventilation with heat recovery	0.4.2	shears
5.1	Lighting fittings	6.1.1.9.2	Room air conditioners		Tomanda Tima House Tools of y	8.5	Heat and sound
5.1.1	Technical lighting fittings		Class 2 with integrated climate chilling unit	7. Pumps	and drive-technology		insulation
5.1.2	Lighting fixtures with higher	6.1.1.10	Room air conditioners	7.1	Electric motors and	8.5.1	Heat insulation
0.1.2	protection class		Class 4 (consisting of fan	***	controls	8.5.2	Sound insulation
5.1.3	Light emitters		and facilities for warming, cooling (de-humidifying and	7.1.1	Direct current motors	8.6	External lightning protection
5.1.4	Emergency/safety illumination		moistening indrawn air)	7.1.2	Servo and stepper motors	8.6.1	Profiles
5.1.5	Portable special lighting	6.1.2	Room ventilation	7.1.3	Control motors	8.6.2	Accessories
E 1 C	fittings	6.1.2.1	Systems	7.1.4	Motor controls		
5.1.6	Explosion-proof lighting fittings	6.1.2.2	Warm air generators (gas,	7.1.5	Shutter controls	9. Tools a	nd factory equipment
5.1.7	Workplace lighting fittings	6122	oil, electricity)	7.2	Mechanical drive elements	9.1	Measuring and testing
5.1.8	Key lighting fittings	6.1.2.3 6.1.2.3.1	Components Central units	7.2.1	Rack-and-pinion drives		instruments and systems
5.1.9	Outdoor lighting fittings	6.1.2.3.1	Decentral units	7.2.1 7.3	Pumps	9.1.1	Test instruments and instal-
5.1.10	Technical indoor lighting	6.1.2.3.3	Heat recovery	7.3.1	Mechanically driven pumps	0111	lations for:
	fittings for industry and trade	6.1.2.3.4	Heat pumps	7.3.1.1	Wastewater pumps	9.1.1.1	Leak testing procedures and equipment
5.1.11	Technical indoor lighting fittings for special applica-	6.1.2.3.5	Air filters	7.3.1.2	Booster pumps	9.1.1.2	Gas leak detectors
	tions	6.1.2.3.6	Fans	7.3.1.3	Wastewater lifting plants	9.1.1.3	Tank testing
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9.1.2	Electro-technical measuring and testing instruments	9.3	Tools and workshop outfitting	9.3.3.1	Vacuum cleaners	10.3.3	<u>Technical software</u>
9.1.2.1	Measuring instruments	9.3.1	Tools	9.3.3.2	Vacuum cleaning, central installation	10.3.4	CAD/CAE software
		9.3.1.1	Hand tools	9.3.3.3	Other equipment and instal-	10.3.5	EDP system software
9.1.2.1.1 9.1.2.1.2	Multi-meters	9.3.1.2	Electric tools	3.3.3.3	lations	10.3.6	Software for building 1 & C applications
9.1.2.1.2	Measuring instruments for electrical and magnetic	9.3.1.3	Pressing tools	9.3.4	Utility vehicles and facilities	10.3.7	Software for business/
	dimensions	9.3.1.4	Workshop outfitting	9.3.4.1	Service and assembly	10.5.7	commercial applications
9.1.2.1.3	Oscilloscopes	9.3.1.5	Drills, power drills		vehicles	10.3.8	Software for heating,
9.1.2.1.4	Measuring instruments for	9.3.1.6	Soldering equipment and	9.3.4.1.1	Transporting vehicles		plumbing, ventilation,
	non-electrical dimensions		accessories	9.3.4.2	Vehicles outfitting		and air-conditioning technologies as well as CAD
9.1.2.1.5	Measured data acquisition,	9.3.1.7	Wall cutters	9.3.4.2.1	Transporters outfitting	10.4	Institutions, author-
0.4.0.0	transmission, processing	9.3.1.8	Cutting tools	9.3.4.2.2	Workshop vehicles outfitting		ities, organisations,
9.1.2.2	Test instruments	9.3.1.9	Welding and cutting equip-	9.3.4.2.3	Vehicle superstructure and consolidation		associations
9.1.2.2.1	Measuring and testing instruments acc. to		ment	9.3.4.2.4	Trailers for hand workers	10.4.1	Ministries and authorities
	DIN VDE 0701/0702	9.3.1.10	Pipe freezing equipment	9.3.4.2.4	and trade	10.4.1.1	Ministry
9.1.2.2.2	Measuring and testing	9.3.1.11	Flushing equipment (flush- ing tap water piping)	9.3.4.2.5	Vehicle lettering	10.4.1.2	National trade offices
	instruments acc. to	9.3.1.12	Camera systems for sewer		Ü	10.4.2	Insurance companies
	DIN VDE 0100	0.0.1.12	pipes	10. Servic	e providers	10.4.2.1	Trade associations
9.1.2.2.3	Measuring and testing instruments acc. to BGV A3	9.3.2	Workshop outfitting	10.1	Facility management,	10.4.2.2	Health insurance
9.1.2.2.4	Phase-sequence displays	9.3.2.1	Pipe-laying machines and	10.1	contracting	10.4.2.3	Third party insurance
9.1.2.2.4	1 , ,		tools	10.1.1	Planning, engineering	10.4.3	Service providers
9.1.2.2.5	Voltage testers	9.3.2.1.1	Thread parting nodules	10.1.2	Project management	10.4.3.1	Test and calibration services
	Continuity testers	9.3.2.1.2	Thread parting machines	10.1.3	Installation/assembly	10.4.3.2	Energy consultants
9.1.2.2.7 9.1.2.2.8	Cable and circuit detectors	9.3.2.1.3	Plastic pipe welding appa- ratus	10.1.4	Commissioning	10.4.3.3	Management consultants, consulting
	High-voltage test instruments	9.3.2.1.4	Test instruments for piping	10.1.5	<u>Documentation</u>	10.4.4	Associations
9.1.2.2.9	Test instruments for medical instruments	9.3.2.1.5	Pipe cutters	10.1.6	Maintenance (inspection,	10.4.4.1	National guilds
9.1.2.2.10	Network testers	9.3.2.1.6	Pipe bending machines		maintenance, repair)	10.4.4.2	Regional wholesaler associ-
9.2	Operation, storage and	9.3.2.1.7	Pipe cleaning equipment	10.1.7	Technical house and building management		ations
U.L	assembly systems		and materials	10.1.8	Business house and	10.5	Power supply companies
9.2.1	Construction and organisa-	9.3.2.1.8	Pipe saws, machines	10.1.0	building management	10.6	Technical publishers
	tion protective outfitting	9.3.2.1.9	Pipe parting machines	10.1.9	Projecting	10.6.1	Technical literature
9.2.1.1	Warning signs and boards	9.3.2.1.10	Multi-grip pliers	10.2	Training and continued	10.6.2	Technical books
9.2.2	Storage and transfer systems	9.3.2.1.11	Tools for fittings		training	10.6.3	<u>Trade journals</u>
9.2.2.1	Tool containers and storage	9.3.2.2	Personal protective clothing	10.2.1	Responsible educational	10.7	Miscellaneous
	systems	9.3.2.2.1	Protective clothing	10.00	<u>bodies</u>	10.7.1	Service performances for
9.2.2.2	Storage systems	9.3.2.3	Office outfitting	10.2.2	Training	10.7.0	branches/wholesalers
9.2.2.3	Means of transport and transport systems	9.3.2.3.1	Office communication	10.3 10.3.1	EDP solutions	10.7.2 10.8	Wholesale Technical planning office
9.2.3	Shop fittings	9.3.3	Cleaning equipment and installations	10.3.1	Branch software Organisation software	10.8	Technical planning office Building services
J.L.J	SHOP HUHIYS	I	<u>IIISTAIIATIOIIS</u>	1 10.3.2	<u>Organisation Surtware</u>	1 10.0.1	panany services