### **Application**

Start of stand allocation: 30 November 2017

Please click here for the online application.



Trade Fair Electrical Engineering, Sanitation, Heating, Air-Conditioning

22.-24. November 2018

Phone +49 40 3569-2153, Fax +49 40 3569-2175 info@get-nord.com get-nord.com

			VAT-RegNo. (EU):	
ase tick: private		<b>⊐ registered entrepreneur</b> (or legal entity v	rith VAI-RegNo.)	
nmercial/Company RegNo. (no		1	Country of the head office:	
ress/P.O. Box:				
ntry abbr.: Postcode:	Tow	n/City:		
ne incl. country code:		1	Fax:	
ail:				
ector First name/surname:				
	1 1 1 1 1			
•			Surname	
			Function	
			Mobile	
E-mail				
Correspondence address	os 1. 🖵 other 🖵:			
Invoice address as 1. 🗆	as 3. 🗖 other 🗀:			
E-mail for electronical inv	oicing:			
Application is herewith made for The following <b>products</b> will be			ibitors.)	
The following <b>products</b> will be ces/Costs (plus VAT)	presented (please itemize): _			
The following products will be ces/Costs (plus VAT)  8. Order exhibition space	presented (please itemize):	m., if possible m wide and m (	We would like to be pla	ced in the following
The following products will be ces/Costs (plus VAT)  8. Order exhibition space Stand requirements	presented (please itemize):	m., if possible m wide and m (		ced in the following se tick only one category)
The following products will be ces/Costs (plus VAT)  8. Order exhibition space Stand requirements  Row stand, 1 side open	presented <b>(please itemize)</b> :	m., if possible m wide and m (	We would like to be pla	se tick only one category)  Lighting technology
The following products will be ces/Costs (plus VAT)  8. Order exhibition space Stand requirements Row stand, 1 side open Corner stand, 2 sides open	presented <b>(please itemize)</b> :	m., if possible m wide and m (	We would like to be pla specialist category (please Building systems technology electrical engineering, sanitation,	se tick only one category)  Lighting technology  Air-conditioning, cooling, ventilation
The following products will be ces/Costs (plus VAT)  8. Order exhibition space Stand requirements Row stand, 1 side open Corner stand, 2 sides open Front stand, 3 sides open	presented <b>(please itemize)</b> :	m., if possible m wide and m (	We would like to be pla specialist category (please Building systems technology electrical engineering, sanitation, heating, air-conditioning	se tick only one category)  Lighting technology  Air-conditioning, cooling, ventilation  Pumps and drive-technology
The following products will be ces/Costs (plus VAT)  8. Order exhibition space Stand requirements Row stand, 1 side open Corner stand, 2 sides open Front stand, 3 sides open Island stand, 4 sides open	presented <b>(please itemize)</b> :	m., if possible m wide and m (	We would like to be pla specialist category (please Building systems technology electrical engineering, sanitation, heating, air-conditioning	se tick only one category)  Lighting technology  Air-conditioning, cooling, ventilation Pumps and drive-technology Plumbing technology
The following products will be ces/Costs (plus VAT)  8. Order exhibition space Stand requirements Row stand, 1 side open Corner stand, 2 sides open Front stand, 3 sides open Island stand, 4 sides open Open-air site	(Minimum 9 sq.m.) sq.  Price (participation fee) pe  □ € 156 □ € 166 □ € 175 □ € 182 □ € 120	m., if possible m wide and m or sq.m.	We would like to be plaspecialist category (please)  Building systems technology electrical engineering, sanitation, heating, air-conditioning Electrical and Sanitary technology Heating technology	se tick only one category)  Lighting technology Air-conditioning, cooling, ventilation Pumps and drive-technology Plumbing technology Tools and equipment
The following products will be ces/Costs (plus VAT)  8. Order exhibition space Stand requirements Row stand, 1 side open Corner stand, 2 sides open Front stand, 3 sides open Island stand, 4 sides open Open-air site  Please send us your stand	(Minimum 9 sq.m.) sq.  Price (participation fee) pe  □ € 156 □ € 166 □ € 175 □ € 182 □ € 120	m., if possible m wide and m or sq.m.	We would like to be plate specialist category (please)  Building systems technology electrical engineering, sanitation, heating, air-conditioning Electrical and Sanitary technology Heating technology Renewable energies	se tick only one category)  Lighting technology  Air-conditioning, cooling, ventilation Pumps and drive-technology Plumbing technology
The following products will be ces/Costs (plus VAT)  8. Order exhibition space Stand requirements Row stand, 1 side open Corner stand, 2 sides open Front stand, 3 sides open Island stand, 4 sides open Open-air site	more presented (please itemize):	m., if possible m wide and m or sq.m.	We would like to be plate specialist category (please)  Building systems technology electrical engineering, sanitation, heating, air-conditioning  Electrical and Sanitary technology  Heating technology  Renewable energies  We focus on (please tick)	se tick only one category)  Lighting technology Air-conditioning, cooling, ventilation Pumps and drive-technology Plumbing technology Tools and equipment
The following products will be ces/Costs (plus VAT)  8. Order exhibition space Stand requirements  Row stand, 1 side open  Corner stand, 2 sides open  Front stand, 3 sides open  Island stand, 4 sides open  Open-air site  Please send us your stand  9. Mandatory payments  Media package per main e  Coexhibitor fee per co-exhi	(Minimum 9 sq.m.)sq.  Price (participation fee) pe □ € 156 □ € 166 □ € 175 □ € 182 □ € 120  construction offers (no complet	m., if possible m wide and m or sq.m.  e offer).  Media package per co-exhibitor: € 148.—  AUMA fee per sq.m.: € 0.60	We would like to be plate specialist category (please)  Building systems technology electrical engineering, sanitation, heating, air-conditioning Electrical and Sanitary technology Heating technology Renewable energies  We focus on (please tick)  Sanitation, heating and	se tick only one category)  Lighting technology  Air-conditioning, cooling, ventilation  Pumps and drive-technology  It plumbing technology  Tools and equipment  Service providers
The following products will be ces/Costs (plus VAT)  8. Order exhibition space Stand requirements Row stand, 1 side open Corner stand, 2 sides open Front stand, 3 sides open Island stand, 4 sides open Open-air site Please send us your stand  9. Mandatory payments Media package per main e	(Minimum 9 sq.m.)sq.  Price (participation fee) pe □ € 156 □ € 166 □ € 175 □ € 182 □ € 120  construction offers (no complet	m., if possible m wide and m or sq.m.  e offer).  Media package per co-exhibitor: € 148.—  AUMA fee per sq.m.: € 0.60	We would like to be plate specialist category (please)  Building systems technology electrical engineering, sanitation, heating, air-conditioning  Electrical and Sanitary technology  Heating technology  Renewable energies  We focus on (please tick)	se tick only one category)  Lighting technology  Air-conditioning, cooling, ventilation  Pumps and drive-technology  It plumbing technology  Tools and equipment  Service providers
Row stand, 1 side open Corner stand, 2 sides open Front stand, 3 sides open Island stand, 4 sides open Open-air site Please send us your stand 9. Mandatory payments Media package per main e Co-exhibitor fee per co-exhi Advertising expense for the	main exhibitor: € 5.— sq.manton is necessary for stand lights.	m., if possible m wide and m or sq.m.  e offer).  Media package per co-exhibitor: € 148.—  AUMA fee per sq.m.: € 0.60  b.  b.  b.  b.  b.  b.  cation.) Max. floor load/sq.m kg	We would like to be plase specialist category (please section))  Building systems technology electrical engineering, sanitation, heating, air-conditioning  Electrical and Sanitary technology  Renewable energies  We focus on (please tick)  Sanitation, heating and climate technology	se tick only one category)  Lighting technology  Air-conditioning, cooling, ventilation  Pumps and drive-technology  It plumbing technology  Tools and equipment  Service providers
Row stand, 1 side open Corner stand, 2 sides open Island stand, 4 sides open Open-air site  Please send us your stand 9. Mandatory payments Media package per main e Co-exhibitor fee per co-exhi Advertising expense for the	mation is necessary for stand lam (only required if over 2.50 m)  (Minimum 9 sq.m.) sq.  (Minimum 9 sq.m.) sq.  sq.  price (participation fee) pe  156  1 € 156  1 € 175  1 € 182  1 € 120  1 construction offers (no completed)  2 doi: 10.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.	m., if possible m wide and m or sq.m.  e offer).  Media package per co-exhibitor: € 148.—  AUMA fee per sq.m.: € 0.60  cocation.) Max. floor load/sq.mkc  Two floor stand: yes □ no □ Wo	We would like to be plase specialist category (please spec	se tick only one category)  Lighting technology Air-conditioning, cooling, ventilation Pumps and drive-technology Plumbing technology Tools and equipment Service providers  echnology range Both ranges equally
The following products will be ces/Costs (plus VAT)  8. Order exhibition space Stand requirements Row stand, 1 side open Corner stand, 2 sides open Front stand, 3 sides open Island stand, 4 sides open Open-air site Please send us your stand 9. Mandatory payments Media package per main e. Co-exhibitor fee per co-exhi Advertising expense for the teight of stand/fair item: General Terms of Particip contract. They are applications	mation is necessary for stand lem (only required if over 2.50 m) tation, Specific Terms of the lem is referred to the control of the lem is necessary for stand lem (only required if over 2.50 m) tation, Specific Terms of the lem the version valid of the lem (only required if over 2.50 m) tation, Specific Terms of the lem the version valid of the lem (only required if over 2.50 m) tation, Specific Terms of the lem the version valid of the lem (only required if over 2.50 m) tation, Specific Terms of the lem the version valid of the lem (only required if over 2.50 m) tation, Specific Terms of the lem the version valid of the lem (only required if over 2.50 m) tation, Specific Terms of the lem (only required if over 2.50 m) taken the lem (only required if over 2.50 m) taken the lem (only required if over 2.50 m) taken the lem (only required if over 2.50 m) taken the lem (only required if over 2.50 m) taken the lem (only required if over 2.50 m) taken the lem (only required if over 2.50 m) taken the lem (only required if over 2.50 m) taken the lem (only required if over 2.50 m) taken the lem (only required if over 2.50 m) taken the lem (only required if over 2.50 m) taken the lem (only required if over 2.50 m) taken the lem (only required if over 2.50 m) taken the lem (only required if over 2.50 m) taken the lem (only required if over 2.50 m) taken the lem (only required if over 2.50 m) taken the lem (only required if over 2.50 m) taken the lem (only required if over 2.50 m) taken the lem (only required if over 2.50 m) taken the lem (only required if over 2.50 m) taken the lem (only required if over 2.50 m) taken the lem (only required if over 2.50 m) taken the lem (only required if over 2.50 m) taken the lem (only required if over 2.50 m) taken the lem (only required if over 2.50 m) taken the lem (only required if over 2.50 m) taken the lem (only required if over 2.50 m) taken the lem (only required if over 2.50 m) taken the lem (only required if over 2.50 m) taken the lem (only required if over 2.50 m) taken the	m., if possible m wide and m or sq.m.  r sq.m.  e offer).  Media package per co-exhibitor: € 148.— AUMA fee per sq.m.: € 0.60  to cotion.) Max. floor load/sq.mkg  Two floor stand: yes □ no □ Wo  Participation, Technical Regulations and the time of signing of contract, and	We would like to be plaspecialist category (pleases)  Building systems technology electrical engineering, sanitation, heating, air-conditioning  Electrical and Sanitary technology  Heating technology  Renewable energies  We focus on (please tick)  Sanitation, heating and limite technology  I (only required if over 450kg/sq.m.)  Inter supply/outlet: yes in no in the double of Hamburg Messe and Congrection be inspected at get-nord.com/application.	se tick only one category)  Lighting technology Air-conditioning, cooling, ventilation Pumps and drive-technology Plumbing technology Tools and equipment Service providers  Both ranges equally  sess GmbH shall be an integral part of forms.
The following products will be ces/Costs (plus VAT)  8. Order exhibition space Stand requirements Row stand, 1 side open Corner stand, 2 sides open Front stand, 3 sides open Island stand, 4 sides open Open-air site Please send us your stand 9. Mandatory payments Media package per main e. Co-exhibitor fee per co-exhi Advertising expense for the teight of stand/fair item: General Terms of Particip contract. They are applications	mation is necessary for stand latting. Sq. months are in the version valid at these documents by e-mail on the first content of the second of	m., if possible m wide and m or sq.m.  r sq.m.  e offer).  Media package per co-exhibitor: € 148.— AUMA fee per sq.m.: € 0.60  Two floor stand: yes □ no □ Wo Participation, Technical Regulations and the time of signing of contract, and request (please contact: info@ge+nord.com).	We would like to be plaspecialist category (please specialist category (please section) and solitary technology learning section section section specialist category (please section) specialist section specialist	se tick only one category)  Lighting technology Air-conditioning, cooling, ventilation Pumps and drive-technology Plumbing technology Tools and equipment Service providers  Both ranges equally  sess GmbH shall be an integral part of forms.
The following products will be ces/Costs (plus VAT)  8. Order exhibition space Stand requirements Row stand, 1 side open Corner stand, 2 sides open Front stand, 3 sides open Island stand, 4 sides open Open-air site  Please send us your stand 9. Mandatory payments Media package per main e Co-exhibitor fee per co-exhi Advertising expense for the Technical Details (This infor Height of stand/fair item: General Terms of Particip contract. They are applications were also happy to send you	mation is necessary for stand latting. Sq. months are in the version valid at these documents by e-mail on the first content of the second of	m., if possible m wide and m or sq.m.  r sq.m.  e offer).  Media package per co-exhibitor: € 148.— AUMA fee per sq.m.: € 0.60  Two floor stand: yes □ no □ Wo Participation, Technical Regulations and the time of signing of contract, and request (please contact: info@ge+nord.com).	We would like to be plaspecialist category (pleases)  Building systems technology electrical engineering, sanitation, heating, air-conditioning  Electrical and Sanitary technology  Heating technology  Renewable energies  We focus on (please tick)  Sanitation, heating and limite technology  I (only required if over 450kg/sq.m.)  Inter supply/outlet: yes in no in the double of Hamburg Messe and Congrection be inspected at get-nord.com/application.	se tick only one category)  Lighting technology Air-conditioning, cooling, ventilation Pumps and drive-technology Plumbing technology Tools and equipment Service providers  Both ranges equally  sess GmbH shall be an integral part of forms.
The following products will be ces/Costs (plus VAT)  8. Order exhibition space Stand requirements Row stand, 1 side open Corner stand, 2 sides open Front stand, 3 sides open Island stand, 4 sides open Open-air site  Please send us your stand 9. Mandatory payments Media package per main e Co-exhibitor fee per co-exhi Advertising expense for the Technical Details (This infor Height of stand/fair item: General Terms of Particip contract. They are applications were also happy to send you	mation is necessary for stand latting. Sq. months are in the version valid at these documents by e-mail on the first content of the second of	m., if possible m wide and m or sq.m.  r sq.m.  e offer).  Media package per co-exhibitor: € 148.— AUMA fee per sq.m.: € 0.60  Two floor stand: yes □ no □ Wo Participation, Technical Regulations and the time of signing of contract, and request (please contact: info@ge+nord.com).	We would like to be plaspecialist category (pleases)  Building systems technology electrical engineering, sanitation, heating, air-conditioning  Electrical and Sanitary technology  Heating technology  Renewable energies  We focus on (please tick)  Sanitation, heating and limite technology  I (only required if over 450kg/sq.m.)  Inter supply/outlet: yes in no in the double of Hamburg Messe and Congrection be inspected at get-nord.com/application.	se tick only one category)  Lighting technology Air-conditioning, cooling, ventilation Pumps and drive-technology Plumbing technology Tools and equipment Service providers  Both ranges equally  see GmbH shall be an integral part of forms.

# Classified directory 2018 Annex to Registration as Main-exhibitor



	g system technology	1.1.3.2	Bus compatible installation	1.2.3.4	Control drives	1.2.8.3.2	Controllers, converters,
	cal engineering, tion, heating,	1.1.3.3	systems  Modular wiring systems	1.2.3.5	Reactive power		amplifiers with communica- tion interface
	ditioning	1.1.3.3	Modular wiring systems Radio bus	1.2.3.6	compensation Light barriers	1.2.8.3.3	Probes, transducers (e.g.
1.1	House and building	1.1.4	Energy efficiency	1.2.3.7	Flush-type systems,		for temperature, pressure,
4.4.4	automation	1.1.4.1	Smart home		governor casings	1.2.8.3.4	moisture) Transducers for CO <sub>2</sub> and
1.1.1 1.1.1.1	House automations In-house and external	1.1.4.2	Smart metering	1.2.3.8	Remote control systems	1.2.0.3.4	air quality
1.1.1.1	operating and observation	1.1.5	<u>Lift installations</u>	1.2.3.9	House instrumentation and control systems	1.2.8.3.5	Remote control and display
	facilities	1.1.6	Staircase lifts		(I & C systems)	12026	equipment
1.1.1.2	Automatic facilities for heating engineering	1.2	Measurement and	1.2.3.10	Single room automatic	1.2.8.3.6	Pressure regulators, controlled humidity
1.1.1.3	Automatic facilities for	1.2	process control	124	controllers		cabinets, clocks
	ventilation, air-conditioning		engineering	1.2.4	Pneumatic control systems Hydraulic control systems	1.2.8.3.7	Control drives, valves, throttle valves
	and refrigeration engineering	1.2.1	Measurement engineering	1.2.6	Bus systems for	1.2.8.3.8	Switchboards
1.1.1.4	Automatic facilities for	1.2.1.1	Flush-type measuring instruments		measurement and process	1.2.8.4	Electrical/electronic/pneu-
	plumbing	1.2.1.2	Recording measuring	127	control engineering		matic I & C installations for
1.1.1.5	Automatic facilities for		instruments	1.2.7	Firing automatons Oil firing automatons		decentralised ventilation and air-conditioning control
1.1.1.6	safety technology Automatic facilities	1.2.1.3	Transducers	1.2.7.1	Gas firing automatons	1.2.8.4.1	Controllers for post-
1.1.1.0	for lighting/shading	1.2.1.4	Sensors	1.2.8	Heating, air-conditioning,		processing instruments
	engineering	1.2.1.5	Optical and acoustic signal- ling instruments, displays		ventilation controls and		(e.g. induction instruments, expansion valves, stirrers,
1.1.1.7	Automatic facilities outdoor installations	1.2.1.6	Network analysers	1201	building automatons		flow regulators)
	(e.g. garage doors)	1.2.1.7	Current and energy	1.2.8.1	Electrical/electronic I & C installations for central	1.2.8.4.2	Controllers for post-
1.1.1.8	Automatic facilities for		consumption analysers		heating control		processing instruments (e.g. induction instruments,
	in-house communication and telecommunication	1.2.1.8	Measuring instruments and equipment for	1.2.8.1.1	Central controllers in basic design		expansion valves, stirrers,
1.1.1.9	Automatic facilities for	1.2.1.8.1	quantity, filling level,	1.2.8.1.2	Central controllers with	4 2 0 4 2	flow regulators)
	further applications		flow rate of liquids and	1.2.0.1.2	optimisation function	1.2.8.4.3	Probes (e.g. for temperature, pressure,
1.1.2	<b>Building automation</b>	12102	gases	1.2.8.1.3	Central controllers with		moisture, air speed)
1.1.2.1	Centralised/decentralised	1.2.1.8.2 1.2.1.8.3	pressure	42044	communication interface	1.2.8.4.4	Transducers for CO <sub>2</sub> and
1.1.2.2	management systems System components for	1.2.1.6.3	temperature Amount of heat	1.2.8.1.4	Central regulating and control instruments for	12045	air quality
1.1.2.2	data communication	1.2.1.9.1	Calorimetric counters		single room temperature	1.2.8.4.5 1.2.8.4.6	Presence sensing elements Remote control and display
1.1.2.3	Automation systems for		(electronic)	12015	control	1.2.0.4.0	equipment
1124	heating engineering	1.2.1.9.2	Heating costs distributors	1.2.8.1.5	Probes (e.g. for indoor and outdoor temperatures)	1.2.8.4.7	Controlled humidity
1.1.2.4	Automation systems for ventilation/air-conditio-	1.2.1.10	Moisture	1.2.8.1.6	Remote control and display		cabinets, thermostats, clocks
	ning/refrigeration	1.2.1.11	Room climate		equipment	1.2.8.4.8	Control drives, valves,
1.1.2.5	engineering Automation systems for	1.2.1.12	Smoke spot number CO	1.2.8.1.7	Pressure regulators, thermostats, clocks		throttle valves
1.1.2.5	plumbing	1.2.1.13	CO,	1.2.8.1.8	Control drives, mixers,	1.2.8.5	Building instrumentation
1.1.2.6	Automation systems for fire	1.2.1.15	Sound, structure-borne		valves, throttle valves	1.2.8.5.1	and control  Master computer
	alarm technology		noise	1.2.8.1.9	Switchboards	1.2.8.5.2	Operating and observation
1.1.2.7	Automation systems for safety technology	1.2.1.16	Air speed	1.2.8.2	Electrical/electronic I & C installations for decentrali-		units (alphanumerical)
1.1.2.8	Automation systems for	1.2.1.17	Smoke gas analysis 22		sed heating control	1.2.8.5.3	Operating and observation
	lighting engineering	1.2.1.18 1.2.2	kW value  Control engineering	1.2.8.2.1	Single room temperature		units (can be graphically presented)
1.1.2.9	Automation systems for electrical distribution	1.2.2.1	Programmable logic		and zone regulators with communication interface	1.2.8.5.4	Data logging equipment
1.1.2.10	Automation systems for	1.2.2.1	controllers	1.2.8.2.2	Room temperature probes	1.2.8.5.5	Insular centres/sub-centres
1.1.2.10	shadowing technology	1.2.2.2	Control units	1.2.8.2.3	Remote control and display	1.2.8.5.6	Open communication
1.1.2.11	Automaton systems for lift		(e.g. heating, air conditioning and lighting)		equipment		between master computer and insular centres/
1 1 2 12	engineering	1.2.2.3	Control, adapter and power	1.2.8.2.4	Clock thermostats		sub-centres
1.1.2.12	Automation systems for outdoor installations		electronics	1.2.8.2.5	Thermostats	1.2.8.5.7	Telecommunication for
	(e.g. gate systems)	1.2.3	Control engineering	1.2.8.3	Electrical/electronic/pneu- matic I & C installations for		public switched telephone network
1.1.2.13	Automation systems for	1.2.3.1	Controllers		central ventilation and	1.2.8.5.8	Maintenance management
1.1.3	further applications <u>Building systems technology</u>	1.2.3.2 1.2.3.3	Maximum monitors Network monitoring	12024	air-conditioning control		systems
1.1.3	Systems technology	1.2.3.3	systems	1.2.8.3.1	Controllers, converters, amplifiers	1.2.8.5.9	Energy management
	-, stamp teamology			l	1	I	systems

1.2.8.6	Direct digital controls (DDC)	1.4.10.2	Mounting systems	1.9.1.2	Frequency converters	2.1.1.4.9	Expansion joints, compensators
1.2.8.6.1	Digital programmable stations for measurement	1.4.11 1.4.11.1	Aerials Terrestrial receiving stations	1.9.1.3 1.9.1.4	Inverters Rectifiers	2.1.1.5	Discharge pipes and
	and process control tasks in engineering operation and	1.4.11.2	Satellite receiving aerials			24454	adapting pieces
	maintenance installations	1.4.12	<u>Distribution systems</u>	1.10	Energy storage	2.1.1.5.1	Discharge pipes and adapting pieces for building, site
	e.g. HVAC systems)	1.4.12.1	Amplifiers	1.10.1	<u>Storage</u>		and road drainage
1.2.8.6.2	Digital programmable stations for systems inte-	1.4.12.2	Distributors	1.10.1.1	Batteries	2.1.1.5.2	Fibre cement discharge
	grated in technical building	1.4.12.3	Branching	1.10.1.2	Accumulators	24452	pipes and adapting pieces
	equipment (e.g. fire alarm	1.4.12.4	Channel preparation	1.10.1.3	Chargers	2.1.1.5.3	Glass discharge pipes and adapting pieces
	devices, access control, time-operator acquisition)	1.4.12.5	Receivers		= 1.99.	2.1.1.5.4	Cast-iron discharge pipes
1.2.8.6.3	Operating and observation	1.4.12.6	Installation materials	1.11	E-mobility	2	and adapting pieces
1.2.0.0.5	units (alphanumerical)	1.5	Alarm, safety and	1.11.1	E-vehicles Charging infrastructure	2.1.1.5.5	Plastic discharge pipes and
1.2.8.6.4	Operating and observation	1.5	monitoring systems	1.11.2.1	Charging stations		adapting pieces, also sound-insulated
	units (can be graphically presented)	1.5.1	Alarm systems	1.11.2.2	Wallboxes	2.1.1.5.6	Steel/stainless steel dis-
1.2.8.6.5	Data logging equipment	1.5.1.1	Burglar alarm systems	1.11.3	Energy service providers	211111310	charge pipes and adapting
1.2.8.6.6	Telecommunication for	1.5.1.2	Deliberately operated				pieces
	public switched telephone	1512	alarms			2.1.1.5.7	Vitrified clay discharge pipes and adapting pieces
42067	network	1.5.1.3 1.5.1.4	Fire alarm systems Escape route guidance,		cal and sanitary	2.1.1.6	Exhaust gas pipes, vents,
1.2.8.6.7	Field devices	1.5.1.4	dynamic	techno	logy	2.1.1.0	chimneys and accessories
1.2.9	Other instruments and accessories	1.5.2	Safety systems			2.1.1.6.1	Exhaust gas pipes and
1.2.9.1	Operating hours meters	1.5.2.1	Gas alarm installations	2.1	Installation technology and systems		accessories
	, ,	1.5.2.2	Smoke and heat extracting	2.1.1	Pipes and accessories	2.1.1.6.1.1	Exhaust gas pipes
1.3	Management and		installations	2.1.1.1	Pipes for radiant panel	2.1.1.6.1.2	Flue gas dampers Furnace flues
	visualisation systems	1.5.2.2.1	Natural smoke and heat extracting systems which		heating	2.1.1.6.1.3	Chimney flues and
1.3.1	Production management		meet DIN EN	2.1.1.2	Pipes for hot water heating	2.1.1.0.2	accessories
1.3.2	systems Remote control manage-	1.5.2.2.2	Lift shaft smoke extraction	2.1.1.3	Pipes for drinking water	2.1.1.6.2.1	Chimney flues
1.5.2	ment systems	1.5.2.2.3	Control units for smoke and		and long-distance transmission lines	2.1.1.6.2.2	Flue-gas ventilators
1.3.3	Visualisation systems		heat extracting systems	2.1.1.3.1	Fibre cement pipes	2.1.1.6.2.3	Explosion shutters
1.3.4	Other management systems	1.5.2.2.4.	Smoke extraction activation button	2.1.1.3.2	Cast-iron pipes	2.1.1.6.2.4	Chimney flue silencers
		1.5.2.2.5.	Motors	2.1.1.3.3	Plastic pipes	2.1.1.6.3	Exhaust pipes for
1.4	Information and com-	1.5.2.2.6.	Detectors	2.1.1.3.4	Copper or aluminium pipes,		condensing equipment and low-temperature boilers
1.4.1	munication installations Telecommunication	1.5.2.2.7.	Alarm devices	24425	also factory insulated		made of
1.4.1	equipment and systems	1.5.2.3	Closing and opening	2.1.1.3.5	Steel/stainless steel pipes, also factory insulated	2.1.1.6.3.1	Plastic
1.4.1.1	Private branch exchanges		systems	2.1.1.3.6	Flexible pipes		Stainless steel
1.4.1.2	Installation systems and	1.5.2.4	Automatic controller systems	2.1.1.3.7	Rebated pipes	2.1.1.6.3.3	
	resources	1.5.2.5	Lift shaft smoke extraction	2.1.1.3.8	Utility supplied heating		Aluminium
1.4.1.3	Terminal equipment	1.5.3	Monitoring systems		pipes	2.1.1.6.3.5	Ceramics
1.4.1.4	Cordless terminal equipment and systems	1.5.3.1	Video monitoring systems	2.1.1.3.9	Industrial water pipelines	2.1.1.6.4	Chimneys and accessories Chimneys
1.4.1.5	Message systems	1.5.3.2	Access control systems	2.1.1.3.10	Long-distance oil pipelines	2.1.1.6.4.1	Chimney bonnets
1.4.1.6	Test and measuring	1.5.3.3	Anti-theft alarm systems	2.1.1.3.11	Accessories for long distance pipelines	2.1.1.6.4.3	Chimney framing
	instruments	1.5.3.4	Clock and service time	2.1.1.3.12	Protective piping	2.1.1.6.4.4	Stainless steel chimneys
1.4.2	Intercom and two-way	4525	installations	2.1.1.3.13	Pipe retrofitting	2.1.1.7	Tubes and bellows
1.4.3	radio installations In-house communication	1.5.3.5	Movement detecting systems	2.1.1.3.14	Chemical engineering	2.1.1.7.1	Plastic tubes
1.4.4	Door interphones	1.5.4	Fire door holders		cleaning	2.1.1.7.2	Metal tubes
1.4.5	Bell-ringing installations			2.1.1.4	Fittings, pipe connectors and closures	2.1.1.7.3	Rubber tubes
1.4.6	Light-signal call and person	1.6	Data systems and	2.1.1.4.1	made of fibre cement	2.1.1.7.4	Hose connections
	search installations		network technology	2.1.1.4.2	cast iron	2.1.1.7.5	Metal bellows
1.4.7	Electro-acoustic	1.6.1	Passive components	2.1.1.4.3	plastic	2.1.1.7.6	Plastic bellows
1.4.8	installations  Mobile communication	1.6.2	Active components	2.1.1.4.4	steel/stainless steel/	2.1.1.7.7	Bellows made of other materials
1.4.8.1	Radio telephones	1.7	Fueres generation		aluminium	2.1.1.8	Sealants
1.4.8.2	Radio calls	1.6.1	Energy generation  Power generating aggre-	2.1.1.4.5	cast steel	2.1.1.8.1	Sealing strips
1.4.8.3	Operating radio	1.0.1	gates, small generators	2.1.1.4.6	malleable cast iron	2.1.1.8.2	Luting
1.4.8.4	Data radio			2.1.1.4.7	copper, brass, red brass	2.1.1.8.3	Sealing and packing rings
1.4.8.5	Satellite communication	1.8	Energy supply	2.1.1.4.8	Joining technology Thread connections	2.1.1.8.4	Filling compounds
1.4.9	Multimedia applications	1.8.1	Current supply systems up	2.1.1.4.8.1	Adhesive bonding	2.1.1.8.5	Rolling rings
1.4.9.1	Hardware	103	to 1,000 volts	2.1.1.4.8.3	Soldering	2.1.1.8.6	Joint sealing compounds
1.4.9.2	Software	1.8.2	<u>Uninterruptible power</u> systems (UPS)	2.1.1.4.8.4	Welding	2.1.1.9	Heat and noise insulation, corrosion and fire
1.4.9.3	Digital television	1.8.3	<u>Transformers</u>	2.1.1.4.8.5	Pipe couplings		protection
1.4.9.4	Video conferences			2.1.1.4.8.6	Compression fittings	2.1.1.9.1	Corrosion protection and
1.4.9.5	Consumer electronics	1.9	Power conversion	2.1.1.4.8.7	,		insulating wrapping
1.4.10	Aerial masts	1.9.1	<u>Conversion</u>	2.1.1.4.8.8	Clamps	2.1.1.9.2	Insulating material for pipes and containers
1.4.10.1	Standpipes	1.9.1.1	Current-voltage converters	2.1.1.4.8.9	Thread dry-seal material		and Contaillers

2.1.1.9.3	Protective paint coatings	1 2 1 5 2 1 3	Thermostatically controlled	2.1.5.4.2.4	Tanc	215/1121	Distributors for under-floor
2.1.1.9.3	Vibration dampers and	2.1.3.2.1.3	fittings	2.1.5.4.2.4	Backflow preventers	2.1.3.4.13.1	heating, one and two tube
2.1.1.3.4	spring elements	2.1.5.2.1.4	Contactless controlled	2.1.5.4.3	Flap valves		systems
2.1.1.9.5	Fire protection for piping		fittings		Check valves	2.1.5.4.13.2	Boiler distributors/collectors
211111313	(water, wastewater)	2.1.5.2.1.5	Safety mixer fittings	2.1.5.4.3.2		2.1.5.4.13.3	Hydraulic switches
2.1.1.9.6	Sound-proofing for piping	2.1.5.2.1.6	Hairdresser fittings	2.1.5.4.3.3	Gravity brakes	2.1.5.4.14	Oil burning system fittings
	(water, wastewater)	2.1.5.2.1.7	Doctor's and hospital	2.1.5.4.4	Arrester, separator, drain fittings	2.1.5.4.14.1	Shut-off, connecting and
2.1.1.9.7	Plastic plates and sheets		fittings	2.1.5.4.4.1	Boiler filling and emptying		distribution fittings for fuel
2.1.1.10	Pipe penetrations	2.1.5.2.1.8	Series and circular wash-	2.1.3.4.4.1	taps		oil central heating incl. oil
2.1.2	Drainage technology		basin installation fittings	2.1.5.4.4.2	Ouick exhausters, air		storage container
2.1.2.1	Site drainage objects	2.1.5.2.1.9	Shower fittings	21113111112	separators	2.1.5.4.14.2	Shut-off and connecting fittings for central fuel oil
2.1.2.2	Cellar drainage and		combinations	2.1.5.4.4.3	Condensate separators		supply
	backwater shut-offs	2.1.5.2.2	Shut-off and run-off fittings	2.1.5.4.4.4	Separators for solid, liquid	2154143	Fuel oil pressure reducer
2.1.2.3	Soil drainage and bath	2.1.5.2.2.1	Flush-type shut-off valves		and gaseous substances		Fuel oil filter
	drainage		and gates with sanitary upper part	2.1.5.4.4.5	Testing equipment		Run-off fittings for fuel oil
2.1.2.4	Yard drainage and inlet top	215222	Pre-shut-off valves	2.1.5.4.5	Monitoring fittings	2.1.3.4.14.3	barrels
2.1.2.5	Manhole covers			2.1.5.4.5.1	Acoustic monitoring fittings	2.1.5.4.14.6	Oil taps that can be
2.1.2.6	Balcony drainage	2.1.3.2.2.3	versions	2.1.5.4.5.2	Sight glasses		lubricated
2.1.2.7	Roof drainage	2.1.5.2.2.4	Shut-off and run-off fittings	2.1.5.4.5.3	Flow monitors	2.1.5.4.14.7	Oil ball valves (cannot be
2.1.2.8	Odour traps for sewers	2.1.3.2.2.1	for pressure-tight hot water	2.1.5.4.5.4	Water-level indicators		lubricated)
2.1.2.9	Petrol separators		heaters (pressure type)	2.1.5.4.5.5	Flush-type and shut-off	2.1.5.4.14.8	Solenoid valves/
2.1.2.10	Grease separators	2.1.5.2.2.5	Shut-off and run-off fittings		devices, status display and		control valves for oil
2.1.2.11	Fuel oil separators		for open hot water heaters		measuring instruments		Oil distributors
2.1.2.12	Starch separators	245226	(low-pressure type)	2.1.5.4.6	Regulating fittings	2.1.5.5	Gas fittings
2.1.2.13	Sewage treatment works		Run-off valves	2.1.5.4.6.1	Pressure regulators	2.1.5.5.1	Gas fittings for household
2.1.2.14	Wastewater treatment	2.1.5.2.2.7	Appliance connecting fittings	2.1.5.4.6.2	Temperature controllers		installations
	plants	215220	3	2.1.5.4.6.3	Level controllers	2.1.5.5.2	Ball valves (cannot be
2.1.2.15	Rainwater percolation	2.1.5.2.2.8	Self-closing fittings (also for appliances)	2.1.5.4.6.4	Diaphragm and piston	24552	lubricated)
	technology	2.1.5.2.2.9	Distributor fittings		steered regulating fittings	2.1.5.5.3	Solenoid valves/ control valves
2.1.2.16	Trenchless pipe systems		Distributors for cold/hot	2.1.5.4.7	Mixer fittings	2.1.5.5.4	Taps (can be lubricated)
2.1.3	Rainwater utilisation	2.1.3.2.2.10	water and circulation	2.1.5.4.7.1	Heater mixers	2.1.5.5.5	Gas equipment flush
2.1.3.1	Containers/pumps/fittings	2.1.5.2.2.11	Electronic fittings	2.1.5.4.7.2	Straight-way, multi-way	2.1.3.3.3	fittings
2.1.4	Water treatment/	2.1.5.2.3	Drain and overflow fittings		valves	2.1.5.5.5.1	Gas filters
	water purification	2.1.5.2.3.1	Drain valves	2.1.5.4.7.3	Drinking water mixers	2.1.5.5.6	Liquefied gas fittings
2.1.4.1	Dosing plants		Drain and overflow fitting	2.1.5.4.8	Fittings for pressure	2.1.5.5.6.1	Pressure regulators
2.1.4.2	Filters and filter plants	2.1.3.2.3.2	incl. odour traps		regulation of household installations	2.1.5.5.6.2	Cylinder valves
2.1.4.3	Chemical additives	2.1.5.2.4	Showers	215401		2.1.5.6	Fire extinguisher and similar
2.1.4.4	Softening plants	2.1.5.2.4.1	Hand showers	2.1.5.4.8.1	Differential pressure control systems	2.1.3.0	fittings
2.1.4.5	Water degermination		Head showers	215/182	Line regulating valves	2.1.5.6.1	Fittings for fire brigade
	equipment		Side showers		Over-current valves	211131311	equipment and hydrants
2.1.4.6	Physical water treatment	2.1.5.2.5	Flushing fittings	2.1.5.4.9	Safety valves	2.1.5.6.2	Fittings for small fire
2.1.4.7	Deionisation plants	2.1.5.2.5.1	Pressure flusher/cistern	2.1.5.4.9.1	Safety valves for drinking		extinguishers and sprinkler
2.1.5	<u>Fittings</u>	2.1.3.2.3.1	fittings	2.1.3.4.9.1	water treatment		systems
2.1.5.1	Pipe fittings for water	2.1.5.2.5.2	Urinal flushes	2.1.5.4.9.2		2.1.6	Curtain wall installations
	supplies to buildings/sites	2.1.5.2.5.3	Flushing heads for urinal	21113111312	heating installations	2.1.6.1	Prefabricated installations,
24544	(excluding sanitary)		installations	2.1.5.4.9.3	Weight and spring loaded	24644	sanitary cores
2.1.5.1.1	Shut-off and run-off fittings	2.1.5.2.5.4	Jet regulators, air bubblers		safety valves	2.1.6.1.1	Installation frames, walls and blocks
2.1.5.1.1.1	Shut-off valves, straight and inclined seat types	2.1.5.2.5.5	Flow restrictors	2.1.5.4.9.4	, ,	2.1.6.1.2	Prefabricated wash, bath
2.1.5.1.1.2		2.1.5.3	Fittings for related		control	2.1.0.1.2	and shower units
2.1.5.1.1.2	Shut-off gates/cocks		appliances	2.1.5.4.10	Other safety fittings	2.1.6.1.3	Accessories for
	-	2.1.5.3.1	Laboratory fittings	2.1.5.4.10.1	Rupture discs, blow-out		prefabrications
2.1.5.1.2	Safety fittings	2.1.5.3.2	Safety showers		fuses etc.	2.1.6.1.4	Equipment and systems
2.1.5.1.2.1	Backflow preventers	2.1.5.3.3	Fittings for medical		Pipe burst safeguards		for curtain wall installations
2.1.5.1.2.2	Pipe separators, interrupters, ventilators		equipment		Overfill safeguards	2.1.6.1.5	Supporting structures for
2.1.5.1.3	Pressure reducers	2.1.5.3.4	Fittings for fountains and	2.1.5.4.10.4	Explosion safeguards and		sanitary objects
2.1.5.1.3			drinking fountains	245444	flame traps	2.1.7	<u>Cables/conductors</u>
2.1.3.1.3.1	reducers	2.1.5.4	Fittings for heating and	2.1.5.4.11	Fittings for radiator regulation	2.1.7.1	Insulated leads
2.1.5.1.3.2			drinking water heating installations	215/111	Radiator thermostat valves	2.1.7.2	Cables
21110111012	combinations for household	2.1.5.4.1	Metal shut-off fittings		! Control drives for radiator	2.1.7.3	Wires
	water installations	2.1.5.4.1.1	Slides	2.1.3.4.11.2	thermostats	2.1.7.4	Power rails
2.1.5.1.4	Connecting fittings	2.1.5.4.1.2		2.1.5.4.11.3	Zone valves	2.1.7.5	Fibre-optic light guides
2.1.5.1.4.1	Metal clamping screw joints	2.1.5.4.1.3	•		Radiator manual control	2.1.8	Connecting material,
	for plastic pipes	2.1.5.4.1.4		2.11.5.11.11	valves		small parts, accessories
2.1.5.1.4.2		2.1.5.4.1.4	Non-ferrous metal shut-off	2.1.5.4.11.5	Special valve versions e.g.	2.1.8.1	Clamps
2152	and screw joins	Z.1.J.4.Z	fittings		for one-pipe heating etc.	2.1.8.2	Cable sleeves, cable
2.1.5.2	Sanitary fittings	2.1.5.4.2.1	Slides	2.1.5.4.12	Other radiator fittings	2402	accessories
2.1.5.2.1	Mixer fittings	2.1.5.4.2.2		2.1.5.4.12.1	Radiator screw joints	2.1.8.3	Bushes
2.1.5.2.1.1	Dual-grip mixer fittings	2.1.5.4.2.3		2.1.5.4.12.2	Radiator vents	2.1.8.4	Compression connectors
2.1.5.2.1.2	Single-grip mixer fittings	2.1.3.7.2.3		2.1.5.4.13	Heating loop distributors	2.1.8.5	Insulating material

2.1.8.6	Cable relief	2.1.12.18	Plugs	2.2.2	Electrical equipment	2.5.1.6	Swimming pool water
2.1.8.7	Fixing and mounting	2.1.12.19	Couplings	2.2.2.1	Special design-oriented		disinfectants
	material	2.1.12.20	Sockets		switching devices, plug	2.5.1.7	Swimming pool accessories
2.1.8.8	Fork terminals	2.1.12.21	Combinations	22244	installations	2.5.1.8	Whirlpools
2.1.8.9	Fixing material	2.1.12.22	Radio switches	2.2.2.1.1	Installation switches Radio switches	2.5.2	Sauna, solarium, fitness
2.1.8.9.1	Dowels	2.1.12.23	Dimmer switches	2.2.2.1.2	Sockets	2.5.2.1	Sauna cabins and houses
2.1.8.9.2	Pipe tape	2.1.13	Earthing, potential balance	2.2.2.1.3	Combinations	2.5.2.2	Sauna ovens
2.1.8.9.3	Mounting rails	2.1.13.1	Earthing material	2.2.2.1.4	Special protective devices	2.5.2.3	Sauna accessories
2.1.8.9.4	Fixing systems	2.1.13.2	Materials for potential	2.2.2.2.1	Emergency-off switches	2.5.2.4	Solarium
2.1.8.9.5	Pipe hooks	2444	balance	2.2.2.2.2	Fault current protective	2.5.2.5	Steam baths
2.1.8.9.6	Pipe clamps	2.1.14	Interior lightning protection, over-voltage protection		switches	2.5.2.6	Light therapy installations
2.1.8.9.7	Screws and rivets	2.1.14.1	Interior lightning protection	2.2.2.3	Special design-oriented		
2.1.9	Electrical installation	2.1.14.2	Network limiters		lamps	2 Hostin	n tachnalamı
2.1.9.1	systems Channel systems	2.1.14.3	Equipment protection	2.2.2.3.1	Key lights	5. Heatin	g technology
2.1.9.1	Cable channels, cable-	2.1.14.4	Screening	2.2.2.3.2	Low-voltage lighting systems	3.1	Heat generator(s), heat
2.1.3.2	ways, cable racks, troughs	2.1.14.5	Material and equipment	2.2.2.3.3	Light controls		distribution, heat emis-
2.1.9.3	Pipes, tubes		against electrostatic	2.2.2.4	Special audio-systems for	244	sion, components
2.1.9.4	Under-floor installation		charging		bathrooms	3.1.1	<u>Boilers, drinking water</u> heaters and accessories
	systems	2.2	Chausara batha W.C			3.1.1.1	Oil/gas boilers for forced
2.1.9.5	Vertically installed post	<b>2.2</b> 2.2.1	Showers, baths, W.C.	2.3	Kitchen, domestic	3.1.1.1	draught burners with and
	systems	2.2.1	Sanitary equipment for bathrooms, washrooms,		rooms		without hot water
2.1.9.6	Flush-type units for		W.C.	2.3.1	Sanitary equipment		preparation
2.1.9.7	installation systems Connectors, branches,	2.2.1.1	Baths and shower trays	2.3.1.1	Extended and flush-type kitchens, kitchen furniture	3.1.1.1.1	Cast-iron or steel boilers
2.1.9.7	switches, sockets and boxes	2.2.1.2	Whirlpools	2.3.1.2	Washing-up tables and	3.1.1.1.2	Boilers made of other materials
2.1.9.8	Leads/cable, bushings,	2.2.1.3	Bath supports	2.3.1.2	sinks, kitchen sinks	3.1.1.1.3	Boiler-burner units
	bulkheads	2.2.1.4	Bath inserts	2.3.1.3	Washing-up table	3.1.1.2	Condensing equipment
2.1.9.9	Adhesives technology	2.2.1.5	Washstands, hand-basins,		under-part	3.1.1.2.1	Condensing equipment
2.1.9.10	Identification and labelling	2246	washbasins (bidets)	2.3.1.4	Washing-up table	3.1.1.2.1	with gas, with or without
	materials	2.2.1.6	Washing, series washing installations, washing rows,		accessories		hot water preparation
2.1.10	Fire technology		washing wells	2.3.1.5	Kitchen ventilation and venting equipment	3.1.1.2.2	Condensing boiler for gas
2.1.10.1	Coatings	2.2.1.7	Shower cabinets, facilities,	2.3.1.5.1	Fume hoods for large	3.1.1.2.3	Condensing boiler for oil
2.1.10.2	Coverings		systems	2.5.1.5.1	commercial kitchens	3.1.1.3	Gas special boilers
2.1.10.3 2.1.10.4	Fire walls Fire doors	2.2.1.8	Shower-W.C.	2.3.1.6	Washing and drying	3.1.1.3.1	Gas special boilers with/
2.1.10.4	Energy distribution	2.2.1.9	Drinking fountains		equipment		without drinking water heating
2.1.11	Service boxes	2.2.1.10	Flushing systems, cisterns, pressure flushing	2.3.2	Electrical equipment	3.1.1.4	Gas circulating water
2.1.11.1	Meter cabinets, boards	2.2.1.11	W.C. and urinal accessories	2.3.2.1	Electric ovens	3.1.1.4	heaters/combined gas
2.1.11.3	Distribution cabinets.	2.2.1.11	Flush pipes	2.3.2.2	Refrigerators		water heaters
2.1.11.5	small-scale distributors	2.2.1.11.2	W.C. and urinal supports	2.3.2.3	Freezing cabinets	3.1.1.4.1	Gas wall heaters, combined
2.1.11.4	Building current, mobile	2.2.1.11.3	W.C., connector and screw	2.3.2.4	Dish washing machines		water heaters
	distributors		connections	2.3.2.5	Washing machines	3.1.1.5	Solid fuel boilers
2.1.11.5	Switch cabinets	2.2.1.11.4	W.C. seats and lids	2.3.2.6	Washing driers	3.1.1.5.1	Solid fuel boilers
2.1.11.6	Mains stations	2.2.1.11.5	W.C. and W.C. seat fixing	2.3.2.7	Ironing appliances	3.1.1.5.2	Reversing and alternating fired boiler/two chamber
2.1.11.7	Low-voltage switching installations	2.2.1.11.6	W.C. ventilation	2.3.2.8	Other electrical equipment for kitchens and domestic		boilers
2.1.11.8	Medium-high voltage	221117	installations		applications	3.1.1.6	Drinking water heaters
2.1.11.0	switching installations	2.2.1.11.7	W.C. cleaning agents W.C. conveying systems				(storage)
2.1.12	Switching devices, protec-	2.2.1.11.0	Sound insulating systems	2.4	Barrier-free and elderly	3.1.1.6.1	Directly heated gas drinking
	tors, plugs and sockets	2.2.1.11.3	against structure-borne		accessible	24455	water storage
2.1.12.1	Installation switches		noise	2.4.1	Safety equipment	3.1.1.6.2	Directly heated electrical drinking water storage
2.1.12.2	Current impulse switches	2.2.1.12	Outfitting objects for	2.4.2	Bath and shower aids	3.1.1.6.3	Directly heated oil drinking
2.1.12.3	Time switches	224424	bathroom and W.C.	2.4.3	Toilet aids	3.1.1.0.3	water storage
2.1.12.4	Push buttons	2.2.1.12.1	Bathroom furniture, mirrored bathroom	2.4.4	Wash basin systems & accessories	3.1.1.6.4	Indirectly heated drinking
2.1.12.5	Contactors, relays (also explosion-proof)		cabinets, mirrors	2.4.5	Electrical emergency systems		water storage, internally
2.1.12.6	Power switches	2.2.1.12.2	Sliding and folding doors,	2.4.6	Electrical monitoring systems		and externally heated
2.1.12.7	Main switches		sidewalls, shower curtains	2	for stoves/gas	3.1.1.6.5	Directly heated gas condensers for hot water
2.1.12.8	On-load switches	2.2.1.12.3	Bathroom and shower grids,	2.4.7	<u>Lighting systems</u>	3.1.1.7	Drinking water heaters
2.1.12.9	Separating devices		seats, footrests, stools for bathroom showers	2.4.8	Opening/access systems	3.1.1./	(instant)
2.1.12.10	Mains shunt switches	2.2.1.12.4	Textile accessories, bath			3.1.1.7.1	Gas instant water heaters
2.1.12.11	Emergency-off switches		inserts, mats and rugs	2.5	Wellness	3.1.1.7.2	Electrical instant water
2.1.12.12	Protective switches for	2.2.1.12.5	Towels, bath towels, tooth	2.5.1	Swimming pools		heaters
	motors		mugs and toilet paper	2.5.1.1	Swimming baths	3.1.1.8	Drinking water heat pumps
2.1.12.13	Limit switches		holders, bathroom hooks, shelves, bath grips	2.5.1.2	Swimming pool water filters	3.1.1.9	Heat exchangers
2.1.12.14	Fuses	2.2.1.12.6	Soap and towel dispensers,	2.5.1.3	Swimming pool water	3.1.1.9.1	Heat exchangers for steam
2.1.12.15	Line circuit protectors		hair and hand driers	2 5 1 4	heating systems	3.1.1.9.2	Heat exchangers for warm
2.1.12.16	Fault current protectors	2.2.1.12.7	Bath aprons (also heated)	2.5.1.4	Swimming pool pumps	24465	and hot water
2.1.12.17	Insulation monitoring	2.2.1.12.8	Wall and floor covering, tiles	2.5.1.5	Swimming pool water disinfection systems	3.1.1.9.3	Exhaust gas heat exchangers
	systems	I		I	<b>,</b>	I	

3.1.1.9.4 3.1.1.9.5	Degassers Pressure hold equipment	3.1.6	Containers, oil tanks and accessories	3.1.8.3.3	gas, liquid gas, solid fuels Tiled stoves	3.1.10.1.12	Energy advice, delivery, invoicing
3.1.1.10	Hot water preparation	3.1.6.1	Expansion tanks	3.1.8.3.4	Continuous fire ovens for solid fuels	3.1.10.2	Utility supplied heat transfer stations
3.1.1.10.1	Hot water storage	3.1.6.2	Domestic water heaters	21025		3.1.10.2.1	Utility supplied heat house
3.1.1.10.2	Instant water heaters	3.1.6.3	Pressure tanks	3.1.8.3.5	Oil ovens	3.11.10.2.1	stations
3.1.2 3.1.2.1	Oil burners and accessories Oil burners	3.1.6.3.1 3.1.6.4	Storage tanks Fuel oil storage tanks and	3.1.8.3.6 3.1.8.4	Tiled ovens Component sets for	3.1.10.2.2	Mobile heating unit
3.1.2.2	Injection atomising burners (air/steam atomising burner)	3.1.6.4.1	accessories Cylindrical above and		tiled ovens and open fireplaces	3.2	Heating engineering,
3.1.2.3	Pressure atomising burners		below ground storage tanks	3.1.8.4.1	using solid fuels	224	electrical systems
3.1.2.4	Rotating atomising burners	3.1.6.4.2	Battery containers and	3.1.8.4.2	using gaseous fuels	3.2.1	Electric heaters
5.1.2.1	(combined burners)		spherical tanks	3.1.8.4.3	Finished tiled stoves	3.2.1.1	Electric radiators
3.1.2.5	Vaporising burners for oil	3.1.6.4.3	Cellar welded tanks	3.1.8.4.4	Basic stove component sets	3.2.1.2	Electric irradiators and electric infra-red irradiator
	boilers	3.1.6.4.4	Wall elements for cellar	3.1.8.4.5	Finished fireplaces	3.2.1.3	
3.1.2.6	Oil boiler accessories		welded tanks	3.1.8.4.6	Complete fireplaces		Electric storage heaters
3.1.3	Gas burners and	3.1.6.4.5	Plastic fuel oil storage tanks	3.1.8.4.7	Fireplace cassettes	3.2.1.4	Electric convectors
	<u>accessories</u>	3.1.6.4.6	Fuel oil piping and	3.1.8.5	Stove tiles	3.2.1.5	Direct heaters
3.1.3.1	Gas burners	24647	accessories	3.1.8.5.1	Stove tiles	3.2.1.6	Floor storage, direct floor heating
3.1.3.2	Gas burners with fan	3.1.6.4.7	Safety pipes for oil	3.1.8.5.2	Tiled stoves	3.2.1.7	Direct ceiling heating
3.1.3.3	Gas burners without fan	3.1.6.5	Leak displays and alarm systems, leak-proofing	3.1.8.5.3	Ceramics for radiating areas	3.2.1.7	Other heaters
	(atmospheric)		equipment	3.1.8.5.4	Tepidarium	3.2.2.1	
3.1.3.4	Two-fuel burners (gas/oil)	3.1.6.6	Oil catch basins	3.1.8.6	Accessories for tiled stove		Open air space heating
3.1.3.5	Gas infrared emitters	3.1.6.7	Oil tank covers and ducts		construction	3.2.2.2	Pipe accompanying heatin
3.1.3.6	Gas burner accessories	3.1.6.8	Tank content displays	3.1.8.6.1	Post-heating areas of	3.2.2.3	Roof gutter heating
3.1.4	Radiators, radiant panel	3.1.6.9	Tank interior protection		cast-iron/steel plate, bends,	3.2.3	Electric heating elements
	heating systems and accessories	3.1.0.3	(incl. appropriate service)		double bends	3.2.3.1	Heating pads
3.1.4.1	Aluminium radiators	3.1.6.10	Tank testing instruments	3.1.8.6.2	Exhaust gas piping and accessories	3.2.3.2	Heating loops
		3.1.6.11	Overfilling safeguards	21062		3.2.3.3	Immersion tube heaters,
3.1.4.1.1	Cast-iron radiators	3.1.6.12	Tank cleaning	3.1.8.6.3	Pipe connections for ceramic flues		heating inserts
3.1.4.1.2	Steel radiators	3.1.6.12.1	Tank cleaning agents	3.1.8.6.4	Cleaning openings, capsules	3.3	Hybrid heating system
3.1.4.2	Convectors and baseboard heaters	3.1.6.12.2	Tank cleaning installations	3.1.8.6.5	Supporting materials for	3.3.1	Heat pump with gas/oil
3.1.4.3	Panel heaters, radiant	3.1.7	Corrosion protection,	3.1.0.0.3	heating chambers (insula- tion and metal sheets)	3.3.2	condensing boiler Gas/oil condensing device
	panel heaters, towel driers	2171	scaling protection	3.1.8.6.6	Pre-doors, pipe doors,	3.3.2	with thermal solar system
3.1.4.3.1	Flat radiators	3.1.7.1	Corrosion protection installations	3.1.0.0.0	heating pipes, air grids		and/or solid biomass (singl
3.1.4.3.2	Heated towel rails	3.1.7.1.1	Cathodic corrosion	3.1.8.6.7	Tiled stove doors (fire gates		unit heat-producing appli-
3.1.4.3.3	Panel radiator	3.1.7.1.1	protection		for basic tiled stoves)	222	ance with water vessel)
3.1.4.3.4	Accessories for panel and flat radiators	3.1.7.1.2	Chemical corrosion	3.1.8.6.8	Fire up flaps and slides	3.3.3	Domestic co-generation with thermal solar system
2444			protection	3.1.8.6.9	Air lines, connecting and		and/or solid biomass (incl.
3.1.4.4	Ribbed tube radiators	3.1.7.2	Scaling protection, anti-		fixing elements		fuel cell)
3.1.4.5	Tubular radiators		scaling and de-scaling	3.1.9	Combined heat and power	3.3.4	Gas heat pump with/with-
3.1.4.6	Bathroom radiators		agents, de-scaling installations	2101	plants		out thermal solar system
3.1.4.7	Radiator mounts	3.1.8	Tiled stoves – open	3.1.9.1	Combined heat and power	3.3.5	Fuel cell
3.1.4.8	Radiator casings	3.1.0	fireplaces	3.1.9.1.1	Combined heat and power plants, CHP modules	3.3.6	Domestic co-generation
3.1.4.8.1	Rolling grids, convector ducts	3.1.8.1	Heating inserts for tiled stoves	3.1.9.1.2	Combined heat and		(mini, micro, large)
3.1.4.8.2	Plinths for covering radiator	3.1.8.1.1			power/cooling and power		
	pipes		Heating inserts for oil	3.1.9.1.3	Utility supplied heating	4. Renewa	able energy
3.1.4.8.3	Radiator linking systems	3.1.8.1.2	Heating inserts for gas Heating inserts for solid fuel	2 4 40	compact installations		
3.1.4.9	Radiant panel heaters	3.1.8.1.3	3	3.1.10	Near and utility supplied heating technology	4.1	Biogas plants
3.1.4.9.1	Ceiling-mounted radiant	3.1.8.1.4	Heating inserts with water heat exchanger	3.1.10.1	Remote and local supplied	4.2	Fuel cell technology
	heating	3.1.8.1.5	Electric heaters	3.1.10.1	heating combined	4.3	Flat collectors
3.1.4.9.2	Floor heating systems	3.1.8.1.6	Hot air tiled stoves		generation systems	4.4	Wood chip boilers
3.1.4.9.3	Wall-mounted heating	3.1.8.1.7	Basic tiled stoves	3.1.10.1.1	Small combined heat and	4.5	Wood gasification boilers
	systems	3.1.8.2	Chimney inserts, chimney		power plants (gas, steam)	4.6	Refrigerants
3.1.5	Other heaters	3.1.0.2	cassettes, stoves with	3.1.10.1.2	Large combustion plant	4.7	Refrigerating
3.1.5.1	Gas-fired heaters		chimney		technology		compressors/compressors
3.1.5.1.1	Gas-fuel firing automatons, gas radiators (with exhaust	3.1.8.2.1	Chimney inserts with and without various doors	3.1.10.1.3	Combined heat and power plants (CHP)	4.8	Collectors (thermal), solar collectors and absorbers
	gas connector)	3.1.8.2.2	Cast-iron/steel plate	3.1.10.1.4	Heat storage tanks	4.9	Combined storage
3.1.5.1.2	Gas radiators		prefabricated furnaces	3.1.10.1.5	Pressure-hold systems	4.10	Complete systems (therma
3.1.5.1.3	Gas infra-red radiators	3.1.8.2.3	Fire-brick prefabricated	3.1.10.1.6	Automating systems	4.11	CHP from biomass
3.1.5.1.4	Heaters without vent		furnaces	3.1.10.1.7	Energy management	4.12	I & C technology for solar
3.1.5.1.5	Outside wall heaters	3.1.8.2.4	Chimney cassettes	2442:-	systems		installations
3.1.5.1.6	Garage heating	3.1.8.2.5	Smoke collectors	3.1.10.1.8	Building connecting and	4.13	Wood piece pellets
	automatons	3.1.8.2.6	Stoves with chimney	211010	invoicing technology		combi-boiler
3.1.5.1.7	Caravan heating	3.1.8.3	Ovens, stoves	3.1.10.1.9	Transfer stations	4.14	Pellet feed machines
3.1.5.2	Antifreeze equipment	3.1.8.3.1	Heating stoves		Automation technology		(screw-drive, suction
3.1.5.3	Systems for heat recovery	3.1.8.3.2	Stoves for fuel oil, natural	3.1.10.1.11	Energy registration and invoicing systems	4.15	systems) Pellet boilers
		i .	•	1	HINDICHIC SYSTEMS	1 / 1 E	Hellet beilers

4.16 4.17	Pellet storage (tanks, silos) Pellet ovens	5. 5. Ligh	ting technology	5.4.2	Illuminated transparency systems	6.1.2	Room ventilation Systems
4.17	Pellet ovens with water cup	5.1	Lamps	5.4.3	Neon tubes	6.1.2.1	Warm air generators
4.19	Storage tanks	5.1.1	<u>Lamps</u>	5.4.4	Lamps and illuminants	0.1.2.2	(gas, oil, electricity)
4.19		5.1.1.1	Incandescent lamps			6.1.2.3	Components
4.20.1	<u>Photovoltaic systems</u> <u>Photovoltaic solar cells and</u>	5.1.1.2	Gas discharge lamps	5.5	Lighting control,	6.1.2.3.1	Central units
4.20.1	modules	5.1.1.3	Starters for gas discharge	5.5	lighting management	6.1.2.3.2	Decentral units
4.20.1.1	Solar cells	3.1.1.5	lamps	5.5.1	Light and colour measuring	6.1.2.3.3	Heat recovery
4.20.1.2	Modules				<u>instruments</u>	6.1.2.3.4	Heat pumps
4.20.1.3	Thin-film technology	5.2	Lighting fittings	5.5.2	<u>Lighting control</u>	6.1.2.3.4	Air filters
4.20.2	Photovoltaic system	5.2.1	Technical lighting fittings		<u>installations</u>	6.1.2.3.6	Fans
4.20.2	technology	5.2.2	Lighting fixtures with higher	5.5.3	Service performances,	6.1.2.3.7	Sound deadeners
4.20.2.1	Inverters		protection class		contracting		
4.20.2.2	Measurement and control	5.2.3	<u>Light emitters</u>			6.1.2.3.8	Air ducts and accessories
	technologies	5.2.4	Emergency/safety		nditioning, refri- on, ventilation	6.1.2.3.9	Air passages Room air conditioners
4.20.2.3	Charging devices and		<u>illumination</u>	gerati	on, ventuation	6.1.2.3.10	Room air conditioners
	rechargeable batteries	5.2.5	Battery supported safety	6.1	Air-conditioning	6.1.3	Used air ceilings for
4.20.3	Photovoltaic parts, tracking	F 2.6	illumination		technology	0.1.5	moist and grease-laden
4 20 2 4	systems, installation systems	5.2.6	Portable special lighting fittings	6.1.1	Room air, technical installations and equipment		workrooms
4.20.3.1	Cables, connectors and junction boxes	5.2.7	Explosion-proof lighting	6.1.1.1			
4.20.3.2	Tracking systems	J.Z.1	fittings	0.1.1.1	Central systems for indrawn and exhaust air	6.2	Refrigerating
4.20.3.2	Installation systems	5.2.8	Workplace lighting fittings	6.1.1.2	Air humidifying and		engineering
4.20.3.3	Installation aids	5.2.9	Key lighting fittings	0.1.1.2	de-humidifying equipment	6.2.1	Refrigeration installations
4.20.3.4	Photovoltaic applications	5.2.10	Outdoor lighting fittings	6.1.1.3	Air degermination	6244	and accessories
	Priotovoitaic applications  Power stations	5.2.11	Technical indoor lighting		equipment	6.2.1.1	Refrigerating compressors
4.20.4.1 4.20.4.2		3.2.11	fittings for industry and	6.1.1.4	Air heating equipment	6.2.1.2	Refrigerated water sets
	Energy storage		<u>trade</u>	6.1.1.5	Fan convectors for heating	6.2.1.3	Refrigerating plants and accessories
4.20.4.3	Off-grid systems	5.2.12	Technical indoor lighting	6.1.1.6	Air heaters	6.2.1.4	Refrigerants
4.20.4.4	Building-integrated photovoltaic (BIPV)		fittings for special applications	6.1.1.7	Hot air generators for liquid	6.2.1.5	Cooling ceilings
4.20.4.5	Solar-powered household	5.2.13	Domestic space and repre-		fuels	6.2.1.6	Power/heat/cold coupling
	devices (solar lamps, solar	3.2.13	sentative lighting fittings	6.1.1.8	Hot air generators for gaseous fuels	6.2.1.7	Cooling towers
	toys)	5.2.14	Accessories for electrical	6.1.1.9	Room air conditioners	6.2.1.8	Compressor drive motors
4.21	Wood piece boilers		<u>lighting fittings</u>	0.1.1.5	Class 1 (consisting of	6.2.1.9	Refrigeration fittings
4.22	<u>Solar roofs</u>	5.2.15	Illumination systems,		fan and installations for	6.2.1.9.1	Fittings for commercial
4.23	Solar cooling	F 2 16	accessories		warming and moistening the air)		refrigeration
4.24	<u>Solar storage</u>	5.2.16	<u>Low-voltage illumination</u> systems	6.1.1.9.1	Room air conditioners	6.2.1.9.2	Fittings for cryogenic
4.25	<u>Drinking water solar storage</u>	5.2.17	<u>LED</u>	0.1.1.5.1	Class 1 for warming	62462	technology
4.26	Vacuum collectors	5.2.17.1	LED lighting		(moistening) indrawn air	6.2.1.9.3	Cold furniture fittings
4.27	Heat recovery/exhaust gas heat exchangers	5.2.17.2	LED modules	6.1.1.10	Room air conditioners	6.2	Ventilation engineering
4.28	Heat exchangers	5.2.17.3	OLED		Class 2 (consisting of fan and installation for cooling	<b>6.3</b> 6.3.1	Components for technical
20	(condensers, evaporators)	5.2.17.4	LED converters		(de-humidifying) indrawn air	0.5.1	room air duct systems
4.29	Heat transfer media	5.2.17.5	LED bulb holders	6.1.1.10.1	Room air conditioners	6.3.1.1	Air technology ducts, pipes,
4.30	Wind energy technology	5.2.17.6	Interior LED lighting		Class 2 (with and without		air channels and adapters
	and accessories	5.2.17.7	Outdoor LED lighting		integrated cooling or evaporating units)	6.3.1.1.1	Holding materials
4.31	<u>HP air-air</u>	5.2.17.8	LED advertising signs	6.1.1.10.2	Room air conditioners	6.3.1.1.2	Sealing materials for air
4.32	<u>HP air-water</u>			0.1.1.10.2	Class 2 with integrated	62442	technology ducts
4.33	<u>HP brine-water</u>	5.3	Operational apparatus		climate chilling unit	6.3.1.1.3	Air distribution ducts in safety rooms
4.34	<u>HP water-water</u>	5.3.1	Ballast for fluorescent	6.1.1.10.3	Fan convectors for cooling	6.3.1.2	Air passages, air inlets, air
4.35	Downhole heat exchangers		<u>lamps</u>	6.1.1.11	Room air conditioners	0.5.1.2	outlets
4.36	Brine circuit manifolds	5.3.2	Electronic ballast for		Class 3 with and without climate chilling unit (consi-	6.3.1.3	Induction equipment
4.37	<u>Distributor shafts</u>	[ [ ] ]	fluorescent lamps		sting of fan and facilities for	6.3.1.4	Ventilation flaps
4.38	Accessories for shallow ground geothermal systems	5.3.3	Ballast for other gas discharge lamps		warming and cooling (de-	6.3.1.4.1	Fire protection flaps
4.39	Accessories for solar	5.3.4	Transformers for halogen		humidifying) indrawn air)	6.3.1.5	Mixing boxes, expansion
4.59	technology	3.3.	lamps	6.1.1.11.1	Room air conditioners Class 3 with and without		boxes
4.40	Accessories for heat pump	5.3.5	Sockets for electronic lamps		chilling unit or evaporating	6.3.1.6	Sound deadeners
	technology		and lighting fittings		unit	6.3.2	Components for room air technology equipment or
4.41	Accessories for pellet	5.3.6	Holding systems for lighting fittings	6.1.1.11.2	Climate convectors with		plants
4.40	heating	5.3.7	Installation material for		and without integrated climate chilling unit	6.3.2.1	Fans
4.42	Accessories for wood, wood-gas and solid-fuel	3.3.7	lighting fittings	6.1.1.12	Room air conditioners	6.3.2.1.1	Axial fans
	boilers	5.3.8	Lighting control equipment	0.1.1.12	Class 4 (consisting of fan	6.3.2.1.2	Radial fans
4.43	Pipe systems	5.3.9	Other accessories for		and facilities for warming,	6.3.2.1.3	Cross flow fans
4.43.1	Flexible pipes		lighting fittings		cooling (de-humidifying and	6.3.2.1.4	Fan wheels, fan blades
			-	614434	moistening indrawn air)	6.3.2.1.5	Plastic fans
		5.4	Illuminated advertising	6.1.1.12.1	Room air conditioners Class 4 with and without	6.3.2.1.6	Roof fans
			installations		integrated chilling or	6.3.2.1.7	Wall ring fans
		5.4.1	Illuminated transparencies		evaporating unit	6.3.2.1.8	Fire gas fans
							-

6222	At a second of the	17216			6 1 1		6 30 31 11 1
6.3.2.2 6.3.2.2.1	Air treatment facilities	7.3.1.6	Household water supply pumps	8.2.3.2	Copper sheets	8.4.8	Guillotine shears and band shears
6.3.2.2.1	Heat exchangers Air heaters, air coolers	7.3.1.7	Wastewater lifting plants	8.2.3.4	Copper rods Copper tubes	8.4.9	Other machines
6.3.2.2.1.1	Components for heat	7.3.1.8	Cellar drainage pumps	8.2.4	Brass		
0.3.2.2.2	recovery (recuperative,	7.3.1.9	Boiler feed-water pumps	8.2.4.1	Brass strips	8.5	Heat and sound
	regenerative)	7.3.1.10	Piston pumps	8.2.4.2	Brass sheets		insulation
6.3.2.2.2.1	Air filters, mechanical	7.3.1.11	Condensate pumps	8.2.4.3	Brass rods	8.5.1	<u>Heat insulation</u>
6.3.2.2.2.2	Air filters, absorption and	7.3.1.12	Impeller pumps, also	8.2.4.4	Brass tubes	8.5.2	Sound insulation
62222	chemical		self-priming	8.2.5	Zinc	8.6	External lightning protection
6.3.2.2.2.3	,	7.3.1.13	Diaphragm pumps	8.2.5.1	Zinc strips	8.6.1	Profiles
6.3.2.3	Air humidifiers/air washers, atomising nozzles, steam	7.3.1.14	Oil burner pumps	8.2.5.2	Zinc sheets	8.6.2	Accessories
	air humidifiers	7.3.1.15	Oil pumps	8.2.6	Galvanised steel	0.0.2	<u>recessories</u>
6.3.2.4	Volume flow controls	7.3.1.16	Rotating displacement	8.2.6.1	Galvanised steel strips		
6.3.2.5	Clean room technology	7.3.1.17	pumps Fountain pumps	8.2.6.2	Galvanised steel sheets	9. Tools a	and factory equipment
6.3.3	Other air technology	7.3.1.17	Sewage pumps	8.2.6.3	Galvanised steel rods		,
	<u>equipment</u>	7.3.1.10	Stator pumps	8.2.6.4	Special grids and sheets	9.1	Measuring and testing
6.3.3.1	Climatic test cabinets	7.3.1.13	Submersible motor pumps	8.2.7	Stainless steel		instruments and
6.3.3.2	Safety room ventilators	7.3.1.21	Drainage pumps	8.2.7.1	Stainless steel strips	0.1.1	systems Test instruments and
6.3.3.3	Air-curtain door sealing	7.3.1.22	High-pressure cleaning	8.2.7.2	Stainless steel sheets	9.1.1	<u>Test instruments and</u> installations for:
6.3.3.4	Clean-room equipment	7.0	pumps	8.2.8	<u>Professional lengths/</u> <u>metal boards</u>	9.1.1.1	Calorific value, flash
6.3.3.5	Drying engineering/ drying plants	7.3.1.23	Submersible pumps,	8.2.9	Plastic roof lengths		point
6.3.3.6	Exhaust systems		swimming pool pumps	8.2.9.1	Roof length systems made	9.1.1.2	Leak display and
6.3.3.6.1	Exhaust arms, point	7.3.2	Circulation pumps	0.2.5.1	of PVC		warning, leak proofing
0.5.5.01.	exhausts	7.3.2.1	Hot water circulation pumps	8.2.9.2	Roof length systems made	9.1.1.3	Leak testing procedures and equipment
6.3.3.6.2	Workplace exhausts	7.3.2.2	Service water circulation		of EPDM	9.1.1.4	Gas leak detectors
6.3.3.7	Central vacuum cleaners,	7.3.2.2	pumps			9.1.1.4	Tank testing
	central vacuum cleaning plants	7.3.2.3	Circulation pumps	8.3	Roof gutters, stack pipes and accessories	9.1.1.6	Condensed water
6.3.3.8	Systems for domestic space	7.3.2.4	Solar circulation pumps	8.3.1	Roof gutters and stack	3.1.1.0	testing
0.3.3.0	ventilation with heat	7.3.2.5	Circulation pumps for	0.5.1	pipes	9.1.1.7	Other testing instru-
	recovery		air conditioning	8.3.1.1	Fibre cement		ments and installations
6.3.4	Natural ventilation	7.3.3	Hand pumps	8.3.1.2	Plastic	9.1.2	Electro-technical measuring
6.3.4.1	Mechatronic products	7.3.4	Special pumps	8.3.1.3	Copper	0.4.2.4	and testing instruments
	for natural ventilation	7.3.4.1	Metering pumps	8.3.1.4	Galvanised steel plate	9.1.2.1	Measuring instruments Multi-meters
		7.3.4.2	Pressure test pumps	8.3.1.5	Zinc plate	9.1.2.1.1	Measuring instruments for
7 D	and drive-technology	7.3.4.3	Scale removal pumps	8.3.1.6	Galvanised steel plate,	3.1.2.1.2	electrical and magnetic
7. Pumps	and drive-technology	7.3.4.4	Acid pumps		plastic coated	1	
			147	0 2 1 7	Stainlass staal		dimensions
7 1	Flactric motors	7.3.4.5	Water jet pumps	8.3.1.7	Stainless steel	9.1.2.1.3	Aerial measuring
7.1	Electric motors and controls	7.3.4.5 7.3.4.6	Pumps with cutting system	8.3.1.8	Aluminium		Aerial measuring instruments
<b>7.1</b> 7.1.1		7.3.4.5	Pumps with cutting system Pump installations			9.1.2.1.4	Aerial measuring instruments Oscilloscopes
	and controls	7.3.4.5 7.3.4.6	Pumps with cutting system	8.3.1.8	Aluminium Standpipes of galvanised		Aerial measuring instruments Oscilloscopes Measuring instruments for
7.1.1	and controls  Direct current motors	7.3.4.5 7.3.4.6 7.3.4.7	Pumps with cutting system Pump installations (also with containers)	8.3.1.8 8.3.1.9	Aluminium Standpipes of galvanised steel Standpipes of copper Flat roof drainage	9.1.2.1.4 9.1.2.1.5	Aerial measuring instruments Oscilloscopes Measuring instruments for non-electrical dimensions
7.1.1 7.1.2	and controls  Direct current motors  Three-phase a.c. motors	7.3.4.5 7.3.4.6 7.3.4.7 7.3.4.8	Pumps with cutting system Pump installations (also with containers) Pump stations	8.3.1.8 8.3.1.9 8.3.1.10	Aluminium Standpipes of galvanised steel Standpipes of copper Flat roof drainage Pressure roof drainage	9.1.2.1.4	Aerial measuring instruments Oscilloscopes Measuring instruments for
7.1.1 7.1.2 7.1.3	and controls  Direct current motors  Three-phase a.c. motors  Servo and stepper motors	7.3.4.5 7.3.4.6 7.3.4.7 7.3.4.8 7.3.5	Pumps with cutting system Pump installations (also with containers) Pump stations Accessories for pumps	8.3.1.8 8.3.1.9 8.3.1.10 8.3.2 8.3.2.1	Aluminium Standpipes of galvanised steel Standpipes of copper Flat roof drainage Pressure roof drainage systems	9.1.2.1.4 9.1.2.1.5	Aerial measuring instruments Oscilloscopes Measuring instruments for non-electrical dimensions Measured data acquisition,
7.1.1 7.1.2 7.1.3 7.1.4 7.1.5 7.1.6	and controls  Direct current motors  Three-phase a.c. motors  Servo and stepper motors  Control motors  Linear motors  Motor controls	7.3.4.5 7.3.4.6 7.3.4.7 7.3.4.8 7.3.5 7.3.5.1	Pumps with cutting system Pump installations (also with containers) Pump stations Accessories for pumps Switchover installations	8.3.1.8 8.3.1.9 8.3.1.10 8.3.2 8.3.2.1 8.3.3	Aluminium Standpipes of galvanised steel Standpipes of copper Flat roof drainage Pressure roof drainage systems Accessories	9.1.2.1.4 9.1.2.1.5 9.1.2.1.6 9.1.2.2 9.1.2.2.1	Aerial measuring instruments Oscilloscopes Measuring instruments for non-electrical dimensions Measured data acquisition, transmission, processing
7.1.1 7.1.2 7.1.3 7.1.4 7.1.5	and controls  Direct current motors  Three-phase a.c. motors  Servo and stepper motors  Control motors  Linear motors	7.3.4.5 7.3.4.6 7.3.4.7 7.3.4.8 7.3.5 7.3.5.1 7.3.5.2	Pumps with cutting system Pump installations (also with containers) Pump stations Accessories for pumps Switchover installations Pump controls	8.3.1.8 8.3.1.9 8.3.1.10 8.3.2 8.3.2.1	Aluminium Standpipes of galvanised steel Standpipes of copper Flat roof drainage Pressure roof drainage systems	9.1.2.1.4 9.1.2.1.5 9.1.2.1.6 9.1.2.2	Aerial measuring instruments Oscilloscopes Measuring instruments for non-electrical dimensions Measured data acquisition, transmission, processing Test instruments Test boards Measuring and testing
7.1.1 7.1.2 7.1.3 7.1.4 7.1.5 7.1.6 7.1.7	and controls  Direct current motors  Three-phase a.c. motors  Servo and stepper motors  Control motors  Linear motors  Motor controls  Shutter controls	7.3.4.5 7.3.4.6 7.3.4.7 7.3.4.8 7.3.5 7.3.5.1 7.3.5.2 7.3.5.3	Pumps with cutting system Pump installations (also with containers) Pump stations Accessories for pumps Switchover installations Pump controls Other pump accessories	8.3.1.8 8.3.1.9 8.3.1.10 8.3.2 8.3.2.1 8.3.3	Aluminium Standpipes of galvanised steel Standpipes of copper Flat roof drainage Pressure roof drainage systems Accessories Lightning protection	9.1.2.1.4 9.1.2.1.5 9.1.2.1.6 9.1.2.2 9.1.2.2.1	Aerial measuring instruments Oscilloscopes Measuring instruments for non-electrical dimensions Measured data acquisition, transmission, processing Test instruments Test boards Measuring and testing instruments acc. to
7.1.1 7.1.2 7.1.3 7.1.4 7.1.5 7.1.6	and controls  Direct current motors Three-phase a.c. motors Servo and stepper motors Control motors Linear motors Motor controls Shutter controls  Mechanical drive	7.3.4.5 7.3.4.6 7.3.4.7 7.3.4.8 7.3.5 7.3.5.1 7.3.5.2 7.3.5.3	Pumps with cutting system Pump installations (also with containers) Pump stations Accessories for pumps Switchover installations Pump controls	8.3.1.8 8.3.1.9 8.3.1.10 8.3.2 8.3.2.1 8.3.3 8.3.3.1	Aluminium Standpipes of galvanised steel Standpipes of copper Flat roof drainage Pressure roof drainage systems Accessories Lightning protection accessories	9.1.2.1.4 9.1.2.1.5 9.1.2.1.6 9.1.2.2 9.1.2.2.1 9.1.2.2.2	Aerial measuring instruments Oscilloscopes Measuring instruments for non-electrical dimensions Measured data acquisition, transmission, processing Test instruments Test boards Measuring and testing instruments acc. to DIN VDE 0701/0702
7.1.1 7.1.2 7.1.3 7.1.4 7.1.5 7.1.6 7.1.7	and controls  Direct current motors Three-phase a.c. motors Servo and stepper motors Control motors Linear motors Motor controls Shutter controls  Mechanical drive elements	7.3.4.5 7.3.4.6 7.3.4.7 7.3.4.8 7.3.5 7.3.5.1 7.3.5.2 7.3.5.3	Pumps with cutting system Pump installations (also with containers) Pump stations Accessories for pumps Switchover installations Pump controls Other pump accessories	8.3.1.8 8.3.1.9 8.3.1.10 8.3.2 8.3.2.1 8.3.3 8.3.3.1	Aluminium Standpipes of galvanised steel Standpipes of copper Flat roof drainage Pressure roof drainage systems Accessories Lightning protection accessories Roof windows	9.1.2.1.4 9.1.2.1.5 9.1.2.1.6 9.1.2.2 9.1.2.2.1	Aerial measuring instruments Oscilloscopes Measuring instruments for non-electrical dimensions Measured data acquisition, transmission, processing Test instruments Test boards Measuring and testing instruments acc. to DIN VDE 0701/0702 Measuring and testing instruments acc. to
7.1.1 7.1.2 7.1.3 7.1.4 7.1.5 7.1.6 7.1.7 <b>7.2</b>	and controls  Direct current motors Three-phase a.c. motors Servo and stepper motors Control motors Linear motors Motor controls Shutter controls  Mechanical drive elements Rack-and-pinion drives	7.3.4.5 7.3.4.6 7.3.4.7 7.3.4.8 7.3.5 7.3.5.1 7.3.5.2 7.3.5.3	Pumps with cutting system Pump installations (also with containers) Pump stations Accessories for pumps Switchover installations Pump controls Other pump accessories  ing engineering Metal roof and façade	8.3.1.8 8.3.1.9 8.3.1.10 8.3.2 8.3.2.1 8.3.3 8.3.3.1 8.3.3.2 8.3.3.3	Aluminium Standpipes of galvanised steel Standpipes of copper Flat roof drainage Pressure roof drainage systems Accessories Lightning protection accessories Roof windows Roof gutter heating Exhaust pipe hoods Gutter holdings and	9.1.2.1.4 9.1.2.1.5 9.1.2.1.6 9.1.2.2 9.1.2.2.1 9.1.2.2.2	Aerial measuring instruments Oscilloscopes Measuring instruments for non-electrical dimensions Measured data acquisition, transmission, processing Test instruments Test boards Measuring and testing instruments acc. to DIN VDE 0701/0702 Measuring and testing instruments acc. to DIN VDE 0100
7.1.1 7.1.2 7.1.3 7.1.4 7.1.5 7.1.6 7.1.7 <b>7.2</b> 7.2.1 7.2.2	and controls  Direct current motors Three-phase a.c. motors Servo and stepper motors Control motors Linear motors Motor controls Shutter controls  Mechanical drive elements Rack-and-pinion drives Chain drives	7.3.4.5 7.3.4.6 7.3.4.7 7.3.4.8 7.3.5 7.3.5.1 7.3.5.2 7.3.5.3	Pumps with cutting system Pump installations (also with containers) Pump stations Accessories for pumps Switchover installations Pump controls Other pump accessories  Metal roof and façade casings	8.3.1.8 8.3.1.9 8.3.1.10 8.3.2 8.3.2.1 8.3.3 8.3.3.1 8.3.3.2 8.3.3.3 8.3.3.4 8.3.3.5	Aluminium Standpipes of galvanised steel Standpipes of copper Flat roof drainage Pressure roof drainage systems Accessories Lightning protection accessories Roof windows Roof gutter heating Exhaust pipe hoods Gutter holdings and guttering accessories	9.1.2.1.4 9.1.2.1.5 9.1.2.1.6 9.1.2.2 9.1.2.2.1 9.1.2.2.2	Aerial measuring instruments Oscilloscopes Measuring instruments for non-electrical dimensions Measured data acquisition, transmission, processing Test instruments Test boards Measuring and testing instruments acc. to DIN VDE 0701/0702 Measuring and testing instruments acc. to DIN VDE 0100 Measuring and testing instruments acc. to DIN VDE 0100 Measuring and testing
7.1.1 7.1.2 7.1.3 7.1.4 7.1.5 7.1.6 7.1.7 <b>7.2</b> 7.2.1 7.2.2 7.2.3	and controls  Direct current motors Three-phase a.c. motors Servo and stepper motors Control motors Linear motors Motor controls Shutter controls  Mechanical drive elements Rack-and-pinion drives Chain drives Motors for locks	7.3.4.5 7.3.4.6 7.3.4.7 7.3.4.8 7.3.5 7.3.5.1 7.3.5.2 7.3.5.3 8. Plumb	Pumps with cutting system Pump installations (also with containers) Pump stations Accessories for pumps Switchover installations Pump controls Other pump accessories  ing engineering  Metal roof and façade casings in tin-smith technology	8.3.1.8 8.3.1.9 8.3.1.10 8.3.2 8.3.2.1 8.3.3 8.3.3.1 8.3.3.2 8.3.3.3 8.3.3.4 8.3.3.5	Aluminium Standpipes of galvanised steel Standpipes of copper Flat roof drainage Pressure roof drainage systems Accessories Lightning protection accessories Roof windows Roof gutter heating Exhaust pipe hoods Gutter holdings and guttering accessories Snow catchers	9.1.2.1.4 9.1.2.1.5 9.1.2.1.6 9.1.2.2 9.1.2.2.1 9.1.2.2.2 9.1.2.2.3	Aerial measuring instruments Oscilloscopes Measuring instruments for non-electrical dimensions Measured data acquisition, transmission, processing Test instruments Test boards Measuring and testing instruments acc. to DIN VDE 0701/0702 Measuring and testing instruments acc. to DIN VDE 0100 Measuring and testing instruments acc. to DIN VDE 0100 Measuring and testing instruments acc. to BGV A3
7.1.1 7.1.2 7.1.3 7.1.4 7.1.5 7.1.6 7.1.7 <b>7.2</b> 7.2.1 7.2.2 7.2.3 7.2.4	and controls  Direct current motors Three-phase a.c. motors Servo and stepper motors Control motors Linear motors Motor controls Shutter controls  Mechanical drive elements Rack-and-pinion drives Chain drives Motors for locks Motors for lolcks Motors for blinds	7.3.4.5 7.3.4.6 7.3.4.7 7.3.4.8 7.3.5 7.3.5.1 7.3.5.2 7.3.5.3 <b>8. Plumb</b> <b>8.1</b> 8.1.1	Pumps with cutting system Pump installations (also with containers) Pump stations Accessories for pumps Switchover installations Pump controls Other pump accessories  Metal roof and façade casings	8.3.1.8 8.3.1.9 8.3.1.10 8.3.2 8.3.2.1 8.3.3 8.3.3.1 8.3.3.2 8.3.3.3 8.3.3.4 8.3.3.5	Aluminium Standpipes of galvanised steel Standpipes of copper Flat roof drainage Pressure roof drainage systems Accessories Lightning protection accessories Roof windows Roof gutter heating Exhaust pipe hoods Gutter holdings and guttering accessories Snow catchers Expansion compensating	9.1.2.1.4 9.1.2.1.5 9.1.2.1.6 9.1.2.2 9.1.2.2.1 9.1.2.2.2 9.1.2.2.3 9.1.2.2.4 9.1.2.2.5	Aerial measuring instruments Oscilloscopes Measuring instruments for non-electrical dimensions Measured data acquisition, transmission, processing Test instruments Test boards Measuring and testing instruments acc. to DIN VDE 0701/0702 Measuring and testing instruments acc. to DIN VDE 0100 Measuring and testing instruments acc. to BGV A3 Phase-sequence displays
7.1.1 7.1.2 7.1.3 7.1.4 7.1.5 7.1.6 7.1.7 <b>7.2</b> 7.2.1 7.2.2 7.2.3 7.2.4 7.2.5	and controls  Direct current motors Three-phase a.c. motors Servo and stepper motors Control motors Linear motors Motor controls Shutter controls  Mechanical drive elements Rack-and-pinion drives Chain drives Motors for locks Motors for blinds Motors for windows	7.3.4.5 7.3.4.6 7.3.4.7 7.3.4.8 7.3.5 7.3.5.1 7.3.5.2 7.3.5.3 8. Plumb 8.1 8.1.1 8.1.2	Pumps with cutting system Pump installations (also with containers) Pump stations Accessories for pumps Switchover installations Pump controls Other pump accessories  ing engineering  Metal roof and façade casings in tin-smith technology in system technology	8.3.1.8 8.3.1.9 8.3.1.10 8.3.2 8.3.2.1 8.3.3 8.3.3.1 8.3.3.2 8.3.3.3 8.3.3.4 8.3.3.5	Aluminium Standpipes of galvanised steel Standpipes of copper Flat roof drainage Pressure roof drainage systems Accessories Lightning protection accessories Roof windows Roof gutter heating Exhaust pipe hoods Gutter holdings and guttering accessories Snow catchers Expansion compensating bodies for flat roofs and	9.1.2.1.4 9.1.2.1.5 9.1.2.1.6 9.1.2.2 9.1.2.2.1 9.1.2.2.2 9.1.2.2.3 9.1.2.2.4 9.1.2.2.5 9.1.2.2.6	Aerial measuring instruments Oscilloscopes Measuring instruments for non-electrical dimensions Measured data acquisition, transmission, processing Test instruments Test boards Measuring and testing instruments acc. to DIN VDE 0701/0702 Measuring and testing instruments acc. to DIN VDE 0100 Measuring and testing instruments acc. to BGV A3 Phase-sequence displays Voltage testers
7.1.1 7.1.2 7.1.3 7.1.4 7.1.5 7.1.6 7.1.7 <b>7.2</b> 7.2.1 7.2.2 7.2.3 7.2.4	and controls  Direct current motors Three-phase a.c. motors Servo and stepper motors Control motors Linear motors Motor controls Shutter controls  Mechanical drive elements Rack-and-pinion drives Chain drives Motors for locks Motors for blinds Motors for windows Motors for doors	7.3.4.5 7.3.4.6 7.3.4.7 7.3.4.8 7.3.5 7.3.5.1 7.3.5.2 7.3.5.3 8. Plumb 8.1 8.1.1 8.1.2	Pumps with cutting system Pump installations (also with containers) Pump stations Accessories for pumps Switchover installations Pump controls Other pump accessories  ing engineering  Metal roof and façade casings in tin-smith technology in system technology Shingle technology Metal intermediate	8.3.1.8 8.3.1.9 8.3.1.10 8.3.2 8.3.2.1 8.3.3 8.3.3.1 8.3.3.2 8.3.3.3 8.3.3.4 8.3.3.5	Aluminium Standpipes of galvanised steel Standpipes of copper Flat roof drainage Pressure roof drainage systems Accessories Lightning protection accessories Roof windows Roof gutter heating Exhaust pipe hoods Gutter holdings and guttering accessories Snow catchers Expansion compensating	9.1.2.1.4 9.1.2.1.5 9.1.2.1.6 9.1.2.2 9.1.2.2.1 9.1.2.2.2 9.1.2.2.3 9.1.2.2.4 9.1.2.2.5 9.1.2.2.6 9.1.2.2.7	Aerial measuring instruments Oscilloscopes Measuring instruments for non-electrical dimensions Measured data acquisition, transmission, processing Test instruments Test boards Measuring and testing instruments acc. to DIN VDE 0701/0702 Measuring and testing instruments acc. to DIN VDE 0100 Measuring and testing instruments acc. to DIN VDE 0100 Measuring and testing instruments acc. to BGV A3 Phase-sequence displays Voltage testers Continuity testers
7.1.1 7.1.2 7.1.3 7.1.4 7.1.5 7.1.6 7.1.7 7.2 7.2.1 7.2.2 7.2.3 7.2.4 7.2.5 7.2.6	and controls  Direct current motors Three-phase a.c. motors Servo and stepper motors Control motors Linear motors Motor controls Shutter controls  Mechanical drive elements Rack-and-pinion drives Chain drives Motors for locks Motors for blinds Motors for windows	7.3.4.5 7.3.4.6 7.3.4.7 7.3.4.8 7.3.5 7.3.5.1 7.3.5.2 7.3.5.3 8. Plumb 8.1 8.1.1 8.1.2 8.1.3	Pumps with cutting system Pump installations (also with containers) Pump stations Accessories for pumps Switchover installations Pump controls Other pump accessories  ing engineering  Metal roof and façade casings in tin-smith technology in system technology Shingle technology  Metal intermediate products	8.3.1.8 8.3.1.9 8.3.1.10 8.3.2 8.3.2.1 8.3.3 8.3.3.1 8.3.3.2 8.3.3.3 8.3.3.4 8.3.3.5 8.3.3.6 8.3.3.7	Aluminium Standpipes of galvanised steel Standpipes of copper Flat roof drainage Pressure roof drainage systems Accessories Lightning protection accessories Roof windows Roof gutter heating Exhaust pipe hoods Gutter holdings and guttering accessories Snow catchers Expansion compensating bodies for flat roofs and roof guttering	9.1.2.1.4 9.1.2.1.5 9.1.2.1.6 9.1.2.2 9.1.2.2.1 9.1.2.2.2 9.1.2.2.3 9.1.2.2.4 9.1.2.2.5 9.1.2.2.6 9.1.2.2.7 9.1.2.2.8	Aerial measuring instruments Oscilloscopes Measuring instruments for non-electrical dimensions Measured data acquisition, transmission, processing Test instruments Test boards Measuring and testing instruments acc. to DIN VDE 0701/0702 Measuring and testing instruments acc. to DIN VDE 0100 Measuring and testing instruments acc. to BGV A3 Phase-sequence displays Voltage testers Continuity testers Cable and circuit detectors
7.1.1 7.1.2 7.1.3 7.1.4 7.1.5 7.1.6 7.1.7 7.2 7.2.1 7.2.2 7.2.3 7.2.4 7.2.5 7.2.6	and controls  Direct current motors Three-phase a.c. motors Servo and stepper motors Control motors Linear motors Motor controls Shutter controls  Mechanical drive elements Rack-and-pinion drives Chain drives Motors for locks Motors for blinds Motors for windows Motors for doors Electromechanical driving	7.3.4.5 7.3.4.6 7.3.4.7 7.3.4.8 7.3.5 7.3.5.1 7.3.5.2 7.3.5.3 8. Plumb 8.1 8.1.1 8.1.2 8.1.3 8.2	Pumps with cutting system Pump installations (also with containers) Pump stations Accessories for pumps Switchover installations Pump controls Other pump accessories  ing engineering  Metal roof and façade casings in tin-smith technology in system technology Shingle technology  Metal intermediate products Aluminium	8.3.1.8 8.3.1.9 8.3.1.10 8.3.2 8.3.2.1 8.3.3 8.3.3.1 8.3.3.2 8.3.3.3 8.3.3.4 8.3.3.5 8.3.3.6 8.3.3.7	Aluminium Standpipes of galvanised steel Standpipes of copper Flat roof drainage Pressure roof drainage systems Accessories Lightning protection accessories Roof windows Roof gutter heating Exhaust pipe hoods Gutter holdings and guttering accessories Snow catchers Expansion compensating bodies for flat roofs and roof guttering Wall installation profiles  Metal working machi-	9.1.2.1.4 9.1.2.1.5 9.1.2.1.6 9.1.2.2 9.1.2.2.1 9.1.2.2.2 9.1.2.2.3 9.1.2.2.4 9.1.2.2.5 9.1.2.2.6 9.1.2.2.7	Aerial measuring instruments Oscilloscopes Measuring instruments for non-electrical dimensions Measured data acquisition, transmission, processing Test instruments Test boards Measuring and testing instruments acc. to DIN VDE 0701/0702 Measuring and testing instruments acc. to DIN VDE 0100 Measuring and testing instruments acc. to BGV A3 Phase-sequence displays Voltage testers Continuity testers
7.1.1 7.1.2 7.1.3 7.1.4 7.1.5 7.1.6 7.1.7 7.2 7.2.1 7.2.2 7.2.3 7.2.4 7.2.5 7.2.6 7.2.7 7.2.8	and controls  Direct current motors Three-phase a.c. motors Servo and stepper motors Control motors Linear motors Motor controls Shutter controls  Mechanical drive elements Rack-and-pinion drives Chain drives Motors for locks Motors for blinds Motors for windows Motors for doors Electromechanical driving elements	7.3.4.5 7.3.4.6 7.3.4.7 7.3.4.8 7.3.5 7.3.5.1 7.3.5.2 7.3.5.3  8. Plumb 8.1 8.1.1 8.1.2 8.1.3 8.2 8.2.1 8.2.1.1	Pumps with cutting system Pump installations (also with containers) Pump stations Accessories for pumps Switchover installations Pump controls Other pump accessories  ing engineering  Metal roof and façade casings in tin-smith technology in system technology Shingle technology  Metal intermediate products Aluminium Aluminium strips	8.3.1.8 8.3.1.9 8.3.1.10 8.3.2 8.3.2.1 8.3.3 8.3.3.1 8.3.3.2 8.3.3.3 8.3.3.4 8.3.3.5 8.3.3.6 8.3.3.7	Aluminium Standpipes of galvanised steel Standpipes of copper Flat roof drainage Pressure roof drainage systems Accessories Lightning protection accessories Roof windows Roof gutter heating Exhaust pipe hoods Gutter holdings and guttering accessories Snow catchers Expansion compensating bodies for flat roofs and roof guttering Wall installation profiles  Metal working machines/plumbing tools	9.1.2.1.4 9.1.2.1.5 9.1.2.1.6 9.1.2.2 9.1.2.2.1 9.1.2.2.2 9.1.2.2.3 9.1.2.2.4 9.1.2.2.5 9.1.2.2.6 9.1.2.2.7 9.1.2.2.8	Aerial measuring instruments Oscilloscopes Measuring instruments for non-electrical dimensions Measured data acquisition, transmission, processing Test instruments Test boards Measuring and testing instruments acc. to DIN VDE 0701/0702 Measuring and testing instruments acc. to DIN VDE 0100 Measuring and testing instruments acc. to BGV A3 Phase-sequence displays Voltage testers Continuity testers Cable and circuit detectors High-voltage test instruments Test instruments for
7.1.1 7.1.2 7.1.3 7.1.4 7.1.5 7.1.6 7.1.7 7.2 7.2.1 7.2.2 7.2.3 7.2.4 7.2.5 7.2.6 7.2.7 7.2.8	and controls  Direct current motors Three-phase a.c. motors Servo and stepper motors Control motors Linear motors Motor controls Shutter controls  Mechanical drive elements Rack-and-pinion drives Chain drives Motors for locks Motors for blinds Motors for doors Electromechanical driving elements Motors for shutters  Pumps	7.3.4.5 7.3.4.6 7.3.4.7 7.3.4.8 7.3.5 7.3.5.1 7.3.5.2 7.3.5.3  8. Plumb 8.1 8.1.1 8.1.2 8.1.3 8.2 8.2.1 8.2.1.1 8.2.1.2	Pumps with cutting system Pump installations (also with containers) Pump stations Accessories for pumps Switchover installations Pump controls Other pump accessories  ing engineering  Metal roof and façade casings in tin-smith technology in system technology Shingle technology  Metal intermediate products Aluminium Aluminium strips Aluminium sheets	8.3.1.8 8.3.1.9 8.3.1.10 8.3.2 8.3.2.1 8.3.3 8.3.3.1 8.3.3.2 8.3.3.3 8.3.3.4 8.3.3.5 8.3.3.6 8.3.3.7	Aluminium Standpipes of galvanised steel Standpipes of copper Flat roof drainage Pressure roof drainage systems Accessories Lightning protection accessories Roof windows Roof gutter heating Exhaust pipe hoods Gutter holdings and guttering accessories Snow catchers Expansion compensating bodies for flat roofs and roof guttering Wall installation profiles  Metal working machines/plumbing tools Edging machines	9.1.2.1.4 9.1.2.1.5 9.1.2.1.6 9.1.2.2 9.1.2.2.1 9.1.2.2.2 9.1.2.2.3 9.1.2.2.4 9.1.2.2.5 9.1.2.2.6 9.1.2.2.7 9.1.2.2.8 9.1.2.2.9	Aerial measuring instruments Oscilloscopes Measuring instruments for non-electrical dimensions Measured data acquisition, transmission, processing Test instruments Test boards Measuring and testing instruments acc. to DIN VDE 0701/0702 Measuring and testing instruments acc. to DIN VDE 0100 Measuring and testing instruments acc. to BGV A3 Phase-sequence displays Voltage testers Continuity testers Cable and circuit detectors High-voltage test instruments Test instruments for medical instruments
7.1.1 7.1.2 7.1.3 7.1.4 7.1.5 7.1.6 7.1.7 7.2 7.2.1 7.2.2 7.2.3 7.2.4 7.2.5 7.2.6 7.2.7 7.2.8 7.3 7.3.1	and controls  Direct current motors Three-phase a.c. motors Servo and stepper motors Control motors Linear motors Motor controls Shutter controls  Mechanical drive elements Rack-and-pinion drives Chain drives Motors for locks Motors for blinds Motors for windows Motors for doors Electromechanical driving elements Motors for shutters  Pumps Mechanically driven pumps	7.3.4.5 7.3.4.6 7.3.4.7 7.3.4.8 7.3.5 7.3.5.1 7.3.5.2 7.3.5.3  8. Plumb  8.1 8.1.1 8.1.2 8.1.3  8.2 8.2.1 8.2.1.1 8.2.1.2 8.2.1.3	Pumps with cutting system Pump installations (also with containers) Pump stations Accessories for pumps Switchover installations Pump controls Other pump accessories  ing engineering  Metal roof and façade casings in tin-smith technology in system technology Shingle technology  Metal intermediate products Aluminium Aluminium strips Aluminium sheets Aluminium tubes	8.3.1.8 8.3.1.9 8.3.1.10 8.3.2 8.3.2.1 8.3.3 8.3.3.1 8.3.3.2 8.3.3.3 8.3.3.4 8.3.3.5 8.3.3.6 8.3.3.7 8.3.3.8	Aluminium Standpipes of galvanised steel Standpipes of copper Flat roof drainage Pressure roof drainage systems Accessories Lightning protection accessories Roof windows Roof gutter heating Exhaust pipe hoods Gutter holdings and guttering accessories Snow catchers Expansion compensating bodies for flat roofs and roof guttering Wall installation profiles  Metal working machines/plumbing tools Edging machines Flanging presses	9.1.2.1.4 9.1.2.1.5 9.1.2.1.6 9.1.2.2 9.1.2.2.1 9.1.2.2.2 9.1.2.2.3 9.1.2.2.4 9.1.2.2.5 9.1.2.2.6 9.1.2.2.7 9.1.2.2.8 9.1.2.2.9 9.1.2.2.10 9.1.2.2.11	Aerial measuring instruments Oscilloscopes Measuring instruments for non-electrical dimensions Measured data acquisition, transmission, processing Test instruments Test boards Measuring and testing instruments acc. to DIN VDE 0701/0702 Measuring and testing instruments acc. to DIN VDE 0100 Measuring and testing instruments acc. to BGV A3 Phase-sequence displays Voltage testers Continuity testers Cable and circuit detectors High-voltage test instruments Test instruments for medical instruments Network testers
7.1.1 7.1.2 7.1.3 7.1.4 7.1.5 7.1.6 7.1.7 7.2 7.2.1 7.2.2 7.2.3 7.2.4 7.2.5 7.2.6 7.2.7 7.2.8 7.3 7.3.1 7.3.1.1	and controls  Direct current motors Three-phase a.c. motors Servo and stepper motors Control motors Linear motors Motor controls Shutter controls  Mechanical drive elements Rack-and-pinion drives Chain drives Motors for locks Motors for blinds Motors for windows Motors for doors Electromechanical driving elements Motors for shutters  Pumps Mechanically driven pumps Wastewater pumps	7.3.4.5 7.3.4.6 7.3.4.7 7.3.4.8 7.3.5.1 7.3.5.2 7.3.5.3 8. Plumb 8.1 8.1.1 8.1.2 8.1.3 8.2 8.2.1 8.2.1.1 8.2.1.2 8.2.1.3 8.2.1.4	Pumps with cutting system Pump installations (also with containers) Pump stations Accessories for pumps Switchover installations Pump controls Other pump accessories  ing engineering  Metal roof and façade casings in tin-smith technology in system technology Shingle technology  Metal intermediate products Aluminium Aluminium strips Aluminium sheets Aluminium tubes Aluminium rods	8.3.1.8 8.3.1.9 8.3.1.10 8.3.2 8.3.2.1 8.3.3 8.3.3.1 8.3.3.2 8.3.3.3 8.3.3.4 8.3.3.5 8.3.3.6 8.3.3.7 8.3.3.8 8.4.1 8.4.2 8.4.3	Aluminium Standpipes of galvanised steel Standpipes of copper Flat roof drainage Pressure roof drainage systems Accessories Lightning protection accessories Roof windows Roof gutter heating Exhaust pipe hoods Gutter holdings and guttering accessories Snow catchers Expansion compensating bodies for flat roofs and roof guttering Wall installation profiles  Metal working machines/plumbing tools Edging machines Flanging presses Turn-up machines	9.1.2.1.4 9.1.2.1.5 9.1.2.1.6 9.1.2.2 9.1.2.2.1 9.1.2.2.2 9.1.2.2.3 9.1.2.2.4 9.1.2.2.5 9.1.2.2.6 9.1.2.2.7 9.1.2.2.8 9.1.2.2.9	Aerial measuring instruments Oscilloscopes Measuring instruments for non-electrical dimensions Measured data acquisition, transmission, processing Test instruments Test boards Measuring and testing instruments acc. to DIN VDE 0701/0702 Measuring and testing instruments acc. to DIN VDE 0100 Measuring and testing instruments acc. to BGV A3 Phase-sequence displays Voltage testers Continuity testers Cable and circuit detectors High-voltage test instruments Test instruments for medical instruments
7.1.1 7.1.2 7.1.3 7.1.4 7.1.5 7.1.6 7.1.7 7.2 7.2.1 7.2.2 7.2.3 7.2.4 7.2.5 7.2.6 7.2.7 7.2.8 7.3 7.3.1	and controls  Direct current motors Three-phase a.c. motors Servo and stepper motors Control motors Linear motors Motor controls Shutter controls  Mechanical drive elements Rack-and-pinion drives Chain drives Motors for locks Motors for blinds Motors for windows Motors for doors Electromechanical driving elements Motors for shutters  Pumps Mechanically driven pumps Wastewater pumps Thick-stock and faeces	7.3.4.5 7.3.4.6 7.3.4.7 7.3.4.8 7.3.5 7.3.5.1 7.3.5.2 7.3.5.3 8. Plumb  8.1  8.1.1  8.1.2  8.1.3  8.2  8.2.1  8.2.1.1  8.2.1.2  8.2.1.3  8.2.1.4  8.2.2	Pumps with cutting system Pump installations (also with containers) Pump stations Accessories for pumps Switchover installations Pump controls Other pump accessories  ing engineering  Metal roof and façade casings in tin-smith technology in system technology Shingle technology  Metal intermediate products Aluminium Aluminium strips Aluminium sheets Aluminium rods Lead	8.3.1.8 8.3.1.9 8.3.1.10 8.3.2 8.3.2.1 8.3.3 8.3.3.1 8.3.3.2 8.3.3.3 8.3.3.4 8.3.3.5 8.3.3.6 8.3.3.7 8.3.3.8 8.4.1 8.4.2 8.4.3 8.4.4	Aluminium Standpipes of galvanised steel Standpipes of copper Flat roof drainage Pressure roof drainage systems Accessories Lightning protection accessories Roof windows Roof gutter heating Exhaust pipe hoods Gutter holdings and guttering accessories Snow catchers Expansion compensating bodies for flat roofs and roof guttering Wall installation profiles  Metal working machines/plumbing tools Edging machines Flanging presses Turn-up machines Structural shape machines	9.1.2.1.4 9.1.2.1.5 9.1.2.1.6 9.1.2.2 9.1.2.2.1 9.1.2.2.2 9.1.2.2.3 9.1.2.2.4 9.1.2.2.5 9.1.2.2.6 9.1.2.2.7 9.1.2.2.8 9.1.2.2.9 9.1.2.2.10 9.1.2.2.11	Aerial measuring instruments Oscilloscopes Measuring instruments for non-electrical dimensions Measured data acquisition, transmission, processing Test instruments Test boards Measuring and testing instruments acc. to DIN VDE 0701/0702 Measuring and testing instruments acc. to DIN VDE 0100 Measuring and testing instruments acc. to BGV A3 Phase-sequence displays Voltage testers Continuity testers Cable and circuit detectors High-voltage test instruments Test instruments Test instruments Network testers Interferometers
7.1.1 7.1.2 7.1.3 7.1.4 7.1.5 7.1.6 7.1.7 7.2 7.2.1 7.2.2 7.2.3 7.2.4 7.2.5 7.2.6 7.2.7 7.2.8 7.3 7.3.1 7.3.1.1 7.3.1.2	and controls  Direct current motors Three-phase a.c. motors Servo and stepper motors Control motors Linear motors Motor controls Shutter controls  Mechanical drive elements Rack-and-pinion drives Chain drives Motors for locks Motors for windows Motors for windows Motors for shutters  Pumps Mechanically driven pumps Wastewater pumps Thick-stock and faeces pumps	7.3.4.5 7.3.4.6 7.3.4.7 7.3.4.8 7.3.5 7.3.5.1 7.3.5.2 7.3.5.3  8. Plumb  8.1  8.1.1 8.1.2 8.1.3  8.2 8.2.1 8.2.1.1 8.2.1.2 8.2.1.3 8.2.1.4 8.2.2 8.2.2.1	Pumps with cutting system Pump installations (also with containers) Pump stations Accessories for pumps Switchover installations Pump controls Other pump accessories  ing engineering  Metal roof and façade casings in tin-smith technology in system technology Shingle technology  Metal intermediate products Aluminium Aluminium strips Aluminium strips Aluminium tubes Aluminium rods Lead Lead strips	8.3.1.8 8.3.1.9 8.3.1.10 8.3.2 8.3.2.1 8.3.3 8.3.3.1 8.3.3.2 8.3.3.3 8.3.3.4 8.3.3.5 8.3.3.6 8.3.3.7 8.3.3.8 8.4.1 8.4.2 8.4.3 8.4.4 8.4.5	Aluminium Standpipes of galvanised steel Standpipes of copper Flat roof drainage Pressure roof drainage systems Accessories Lightning protection accessories Roof windows Roof gutter heating Exhaust pipe hoods Gutter holdings and guttering accessories Snow catchers Expansion compensating bodies for flat roofs and roof guttering Wall installation profiles  Metal working machines/plumbing tools Edging machines Flanging presses Turn-up machines Structural shape machines Sheet metal rollers	9.1.2.1.4 9.1.2.1.5 9.1.2.1.6 9.1.2.2 9.1.2.2.1 9.1.2.2.2 9.1.2.2.3 9.1.2.2.4 9.1.2.2.5 9.1.2.2.6 9.1.2.2.7 9.1.2.2.8 9.1.2.2.9 9.1.2.2.10 9.1.2.2.11	Aerial measuring instruments Oscilloscopes Measuring instruments for non-electrical dimensions Measured data acquisition, transmission, processing Test instruments Test boards Measuring and testing instruments acc. to DIN VDE 0701/0702 Measuring and testing instruments acc. to DIN VDE 0100 Measuring and testing instruments acc. to BGV A3 Phase-sequence displays Voltage testers Continuity testers Cable and circuit detectors High-voltage test instruments Test instruments for medical instruments Network testers
7.1.1 7.1.2 7.1.3 7.1.4 7.1.5 7.1.6 7.1.7  7.2  7.2.1 7.2.2 7.2.3 7.2.4 7.2.5 7.2.6 7.2.7 7.2.8  7.3.1 7.3.1.1 7.3.1.2 7.3.1.3	and controls  Direct current motors Three-phase a.c. motors Servo and stepper motors Control motors Linear motors Motor controls Shutter controls  Mechanical drive elements Rack-and-pinion drives Chain drives Motors for locks Motors for blinds Motors for windows Motors for doors Electromechanical driving elements Motors for shutters  Pumps Mechanically driven pumps Wastewater pumps Thick-stock and faeces pumps Booster pumps	7.3.4.5 7.3.4.6 7.3.4.7 7.3.4.8 7.3.5 7.3.5.1 7.3.5.2 7.3.5.3  8. Plumb  8.1  8.1.1 8.1.2 8.1.3  8.2  8.2.1 8.2.1.1 8.2.1.2 8.2.1.3 8.2.1.4 8.2.2 8.2.2.1 8.2.2.2	Pumps with cutting system Pump installations (also with containers) Pump stations Accessories for pumps Switchover installations Pump controls Other pump accessories  ing engineering  Metal roof and façade casings in tin-smith technology in system technology Shingle technology  Metal intermediate products Aluminium Aluminium strips Aluminium strips Aluminium tubes Aluminium rods Lead Lead strips Lead sheets	8.3.1.8 8.3.1.9 8.3.1.10 8.3.2 8.3.2.1 8.3.3 8.3.3.1 8.3.3.2 8.3.3.3 8.3.3.4 8.3.3.5 8.3.3.6 8.3.3.7 8.3.3.8 8.4.1 8.4.2 8.4.3 8.4.4 8.4.5 8.4.6	Aluminium Standpipes of galvanised steel Standpipes of copper Flat roof drainage Pressure roof drainage systems Accessories Lightning protection accessories Roof windows Roof gutter heating Exhaust pipe hoods Gutter holdings and guttering accessories Snow catchers Expansion compensating bodies for flat roofs and roof guttering Wall installation profiles  Metal working machines/plumbing tools Edging machines Flanging presses Turn-up machines Structural shape machines Sheet metal rollers Beading machines	9.1.2.1.4 9.1.2.1.5 9.1.2.1.6 9.1.2.2 9.1.2.2.1 9.1.2.2.2 9.1.2.2.3 9.1.2.2.4 9.1.2.2.5 9.1.2.2.6 9.1.2.2.7 9.1.2.2.8 9.1.2.2.9 9.1.2.2.10 9.1.2.2.11	Aerial measuring instruments Oscilloscopes Measuring instruments for non-electrical dimensions Measured data acquisition, transmission, processing Test instruments Test boards Measuring and testing instruments acc. to DIN VDE 0701/0702 Measuring and testing instruments acc. to DIN VDE 0100 Measuring and testing instruments acc. to BGV A3 Phase-sequence displays Voltage testers Continuity testers Cable and circuit detectors High-voltage test instruments Test instruments Test instruments Network testers Interferometers Operation, storage and
7.1.1 7.1.2 7.1.3 7.1.4 7.1.5 7.1.6 7.1.7 7.2 7.2.1 7.2.2 7.2.3 7.2.4 7.2.5 7.2.6 7.2.7 7.2.8 7.3.1 7.3.1.1 7.3.1.2 7.3.1.3 7.3.1.4	and controls  Direct current motors Three-phase a.c. motors Servo and stepper motors Control motors Linear motors Motor controls Shutter controls  Mechanical drive elements Rack-and-pinion drives Chain drives Motors for locks Motors for blinds Motors for windows Motors for doors Electromechanical driving elements Motors for shutters  Pumps Mechanically driven pumps Wastewater pumps Thick-stock and faeces pumps Booster pumps Drum pumps	7.3.4.5 7.3.4.6 7.3.4.6 7.3.4.7 7.3.4.8 7.3.5 7.3.5.1 7.3.5.2 7.3.5.3  8. Plumb  8.1 8.1.1 8.1.2 8.1.3  8.2 8.2.1 8.2.1.1 8.2.1.2 8.2.1.3 8.2.1.4 8.2.2 8.2.2.1 8.2.2.2 8.2.3	Pumps with cutting system Pump installations (also with containers) Pump stations Accessories for pumps Switchover installations Pump controls Other pump accessories  Metal roof and façade casings in tin-smith technology Shingle technology Metal intermediate products Aluminium Aluminium strips Aluminium strips Aluminium tubes Aluminium rods Lead Lead strips Lead sheets Copper	8.3.1.8 8.3.1.9 8.3.1.10 8.3.2 8.3.2.1 8.3.3 8.3.3.1 8.3.3.2 8.3.3.3 8.3.3.4 8.3.3.5 8.3.3.6 8.3.3.7 8.3.3.8 8.4.1 8.4.2 8.4.3 8.4.4 8.4.5	Aluminium Standpipes of galvanised steel Standpipes of copper Flat roof drainage Pressure roof drainage systems Accessories Lightning protection accessories Roof windows Roof gutter heating Exhaust pipe hoods Gutter holdings and guttering accessories Snow catchers Expansion compensating bodies for flat roofs and roof guttering Wall installation profiles  Metal working machines/plumbing tools Edging machines Flanging presses Turn-up machines Structural shape machines Sheet metal rollers	9.1.2.1.4 9.1.2.1.5 9.1.2.1.6 9.1.2.2 9.1.2.2.1 9.1.2.2.2 9.1.2.2.3 9.1.2.2.4 9.1.2.2.5 9.1.2.2.6 9.1.2.2.7 9.1.2.2.8 9.1.2.2.9 9.1.2.2.10 9.1.2.2.11	Aerial measuring instruments Oscilloscopes Measuring instruments for non-electrical dimensions Measured data acquisition, transmission, processing Test instruments Test boards Measuring and testing instruments acc. to DIN VDE 0701/0702 Measuring and testing instruments acc. to DIN VDE 0100 Measuring and testing instruments acc. to BGV A3 Phase-sequence displays Voltage testers Continuity testers Cable and circuit detectors High-voltage test instruments Test instruments Test instruments Network testers Interferometers  Operation, storage and assembly systems Construction and organisation protective
7.1.1 7.1.2 7.1.3 7.1.4 7.1.5 7.1.6 7.1.7  7.2  7.2.1 7.2.2 7.2.3 7.2.4 7.2.5 7.2.6 7.2.7 7.2.8  7.3.1 7.3.1.1 7.3.1.2 7.3.1.3	and controls  Direct current motors Three-phase a.c. motors Servo and stepper motors Control motors Linear motors Motor controls Shutter controls  Mechanical drive elements Rack-and-pinion drives Chain drives Motors for locks Motors for blinds Motors for windows Motors for doors Electromechanical driving elements Motors for shutters  Pumps Mechanically driven pumps Wastewater pumps Thick-stock and faeces pumps Booster pumps	7.3.4.5 7.3.4.6 7.3.4.7 7.3.4.8 7.3.5 7.3.5.1 7.3.5.2 7.3.5.3  8. Plumb  8.1  8.1.1 8.1.2 8.1.3  8.2  8.2.1 8.2.1.1 8.2.1.2 8.2.1.3 8.2.1.4 8.2.2 8.2.2.1 8.2.2.2	Pumps with cutting system Pump installations (also with containers) Pump stations Accessories for pumps Switchover installations Pump controls Other pump accessories  ing engineering  Metal roof and façade casings in tin-smith technology in system technology Shingle technology  Metal intermediate products Aluminium Aluminium strips Aluminium strips Aluminium tubes Aluminium rods Lead Lead strips Lead sheets	8.3.1.8 8.3.1.9 8.3.1.10 8.3.2 8.3.2.1 8.3.3 8.3.3.1 8.3.3.2 8.3.3.3 8.3.3.4 8.3.3.5 8.3.3.6 8.3.3.7 8.3.3.8 8.4.1 8.4.2 8.4.3 8.4.4 8.4.5 8.4.6	Aluminium Standpipes of galvanised steel Standpipes of copper Flat roof drainage Pressure roof drainage systems Accessories Lightning protection accessories Roof windows Roof gutter heating Exhaust pipe hoods Gutter holdings and guttering accessories Snow catchers Expansion compensating bodies for flat roofs and roof guttering Wall installation profiles  Metal working machines/plumbing tools Edging machines Flanging presses Turn-up machines Structural shape machines Sheet metal rollers Beading machines Stamping and cutting	9.1.2.1.4 9.1.2.1.5 9.1.2.1.6 9.1.2.2 9.1.2.2.1 9.1.2.2.2 9.1.2.2.3 9.1.2.2.4 9.1.2.2.5 9.1.2.2.6 9.1.2.2.7 9.1.2.2.8 9.1.2.2.9 9.1.2.2.10 9.1.2.2.11	Aerial measuring instruments Oscilloscopes Measuring instruments for non-electrical dimensions Measured data acquisition, transmission, processing Test instruments Test boards Measuring and testing instruments acc. to DIN VDE 0701/0702 Measuring and testing instruments acc. to DIN VDE 0100 Measuring and testing instruments acc. to BGV A3 Phase-sequence displays Voltage testers Continuity testers Cable and circuit detectors High-voltage test instruments Test instruments Test instruments Network testers Interferometers Operation, storage and assembly systems Construction and

9.2.1.1	Scaffolding	9.4.1.20	Pipe freezing equipment	9.4.3.2	Vacuum cleaning, central		plumbing, ventilation,
9.2.1.2	Ladders and steps	9.4.1.21	Electric tinmen's shears		installation		and air-conditioning tech- nologies as well as CAD
9.2.1.3	Safety cages	9.4.1.22	Repair kits (ceramic,	9.4.3.3	Other equipment and installations		liologies as well as CAD
9.2.1.4	Earthing and short-		enamel etc.)	0.4.4		10.4	Institutions, authorities,
	circuiting devices	9.4.1.23	Flushing equipment (flushing tap water piping)	9.4.4	Utility vehicles and facilities	10.4	organisations, associa-
9.2.1.5	Warning signs and boards	9.4.1.24		9.4.4.1	Service and assembly vehicles		tions
9.2.1.6	Working platforms	9.4.1.24	Camera systems for sewer pipes	9.4.4.1.1		10.4.1	Ministries and authorities
9.2.2	Storage and transfer	9.4.1.25	Sealing systems to check		Transporting vehicles	10.4.1.1	Ministry
0 2 2 4	<u>systems</u>	3.4.1.23	sewer pipe pressure	9.4.4.2	Vehicles outfitting	10.4.1.2	Urban development and
9.2.2.1	Tool containers and storage systems			9.4.4.2.1	Transporters outfitting		environment agency
9.2.2.2	Storage systems	9.4.1.26	Flushing and milling	9.4.4.2.2	Workshop vehicles outfitting	10.4.1.3	National trade offices
9.2.2.3	Means of transport and		systems for sewer pipes	04422	•	10.4.1.4	National environmental
9.2.2.3	transport systems	9.4.2	Workshop outfitting	9.4.4.2.3	Vehicle superstructure and consolidation		protection offices
9.2.3	Office, information and	9.4.2.1	Workshop outfitting	9.3.4.2.4	Trailers for hand workers	10.4.1.5	Trade supervisory boards
	communication technology,	9.4.2.2	Vocational clothing/	J.J.4.2.4	and trade	10.4.1.6	Regulating authorities
	office furnishing		protective clothing	9.3.4.2.5	Vehicle lettering		for post and telecommuni- cations
9.2.3.1	Office furnishing	9.4.2.3	Fire extinguishers	313111213	r emere recenning	10.4.2	
9.2.3.2	Office organisation	9.4.2.4	Lifting equipment/lifting			10.4.2	Insurance companies Trade associations
9.2.3.2.1	Telephone and radio/	0.435	platforms Plumbing pre-production	10 Servi	ce providers		Associations of expert
	radio-telephone equipment	9.4.2.5	31 1	10. 50101	ce providers	10.4.2.2	witnesses, umbrella
9.2.3.2.2	Organisation furniture	9.4.2.6	Ladders				association of German
9.2.3.2.3	Drawing tables, layout	9.4.2.7	Shelves	10.1	Facility management,		insurance companies
	tables	9.4.2.8	Cupboards		contracting	10.4.2.3	Property insurance
9.2.3.2.4	Copy-maker — accounts department	9.4.2.9	Workbenches	10.1.1	Planning, engineering	10.4.2.4	Third party insurance
9.2.3.2.5	Printed business forms,	9.4.2.10	Scaffolding	10.1.2	Project management	10.4.2.5	Health insurance
9.2.3.2.3	forms	9.4.2.11	Other	10.1.3	Installation/assembly	10.4.3	Service providers
9.2.3.2.6	Other office and drawing	9.4.2.12	Pipe-laying machines and	10.1.4	Commissioning	10.4.3.1	Products and systems
5.2.5.2.0	machines as well as		tools	10.1.5	Documentation		certifiers
	instruments	9.4.2.12.1	Thread parting nodules	10.1.6	Maintenance (inspection,	10.4.3.2	Test and calibration services
9.2.4	Shop fittings	9.4.2.12.2	Thread parting machines	10.1.0	maintenance (inspection,	10.4.3.3	EMC consultants
9.2.4.1	Shop fittings	9.4.2.12.3	Thread parting materials	10.1.7	Technical house and	10.4.3.4	Energy consultants
9.2.4.2	Self-service complete	9.4.2.12.4	Plastic pipe welding	10.1.7	building management	10.4.3.5	Technology transfer
	programmes		apparatus	10.1.8	Business house and	10.4.3.6	Management consultants,
9.2.4.3	Other	9.4.2.12.5	Test instruments for piping		building management		consulting
		9.4.2.12.6	Pipe cutters	10.1.9	Infrastructural house and	10.4.3.7	Waste industry, disposal
9.3	Fastening technology	9.4.2.12.7	Pipe bending machines		building management	10.4.4	<u>Associations</u>
		9.4.2.12.8	Pipe cleaning equipment	10.1.10	<u>FM software</u>	10.4.4.1	National guilds
9.4	Tools and workshop		and materials	10.1.11	Facility and supply	10.4.4.2	Regional wholesaler
	outfitting	9.4.2.12.9	Pipe saws, machines	40.4.43	contracting		associations
9.4.1	<u>Tools</u>	9.4.2.12.10	Pipe parting machines	10.1.12	Performance contracting		
9.4.1.1	Hand tools	9.4.2.12.11	Multi-grip pliers	10.1.13	<u>Projecting</u>	10.5	Power supply
9.4.1.2	Electric tools		Tools for fittings				companies
9.4.1.3	Pressing tools		Pipe burring reamers	10.2	Training and continued training		
9.4.1.4	Workshop outfitting	9.4.2.13	Personal protective clothing	10.2.1	Responsible educational	10.6	Technical publishers
9.4.1.5	Thawing instruments	9.4.2.13.1	Safety plug-in grip for	10.2.1	bodies	10.6.1	<u>Technical literature</u>
9.4.1.6	Mounting tools and	3.4.2.13.1	NH-fuse switches	10.2.2	Technical training systems	10.6.2	Technical books
	elements	9.4.2.13.2	Safety glasses, breath	10.2.3	Training	10.6.3	<u>Trade journals</u>
9.4.1.7	Pneumatic drills		guards, hearing protection	10.2.5	runnig		
9.4.1.8	Drills, power drills	9.4.2.13.3	Safety shoes	10.3	EDP solutions	10.7	Miscellaneous
9.4.1.9	Stud drivers	9.4.2.13.4	Protective clothing	10.3.1	Branch software	10.7.1	Service performances for
9.4.1.10	Pneumatic tools	9.4.2.13.5	Safety harnesses	10.3.1	Organisation software		branches/wholesalers
9.4.1.11	Electric hammers	9.4.2.13.6	First-aid kits	10.3.2	Technical software	10.7.2	<u>Wholesale</u>
9.4.1.12	Plastic processing tools	9.4.2.14	Office outfitting	10.3.3	CAD/CAE software		
9.4.1.13	Soldering equipment and	9.4.2.14.1	Office furniture, office	10.3.4	EDP hardware	10.8	Technical planning
0.4.4.4	accessories	3.7.2.14.1	computers				office
9.4.1.14	Measuring tools	9.4.2.14.2	Drawing materials	10.3.6	EDP system software Office machines	10.8.1	Building services
9.4.1.15	Assembly equipment	9.4.2.14.3	Office machines, copiers	10.3.7			
9.4.1.16	Wall cutters	9.4.2.14.4	Office communication	10.3.8	Software for building  I & C applications		
9.4.1.17	Striking tools	9.4.2.14.4	Cleaning equipment and	10.3.9	Software for business/		
9.4.1.18	Cutting tools	ر.ד.ر	installations	.0.5.5	commercial applications		
9.4.1.19	Welding and cutting	9.4.3.1	Vacuum cleaners	10.3.10	Software for heating,		
	equipment	1			<del></del> _	l	

#### **Specific Terms of Participation 2018**



Event-specific additions to General Terms of Participation (ATB), Technical Regulations (TR) and House Rules of Hamburg Messe and Congress GmbH (HMC)

Event and legal entity:

Hamburg Messe und Congress GmbH POB 30 24 80 · 20308 Hamburg Messeplatz 1 · 20357 Hamburg hereinafter called HMC -

Tel.: +49 40 3569-0 Telefax: +49 40 3569-2203 info@hamburg-messe.com hamburg-messe.com

Event title: GET Nord 2018 - Trade Fair Electrical Engineering, Sanitation, Heating, Air-Conditioning

Venue: **HMC** Fairground

November 22 - 24, 2018 Event duration:

**Project Management:** 4 Fairs & Exhibitions

> Tel.: +49 40 3569-2150 Michael Arfmann

**Project Director** E-mail: michael.arfmann@hamburg-messe.de

Tel.: +49 40 3569-2153 Sabine Amsberg

Project Manager E-mail: sabine.amsberg@hamburg-messe.de

November 30, 2017 Start of space allocation:

Deadline for entries in exhibitor directory: September 30, 2018

Opening times: Daily 09.00 am - 06.00 pm Saturday 09.00 am - 05.00 pm

> 07.00 am - midnight November 17 - 20, 2018

Assembly times: 07.00 am – 06.00 pm November 21, 2018

Disassembly times: November 24, 2018 05.00 pm - midnight

November 25 - 27, 2018 midnight - 12.00 pm

Early stand construction/

Extended disassembly time:

Any requests for early stand assembly / extended disassembly times must be submitted in writing to the Trade Fair and Exhibition

Technology Department and approved (see Online Service Center / approvals and applications)

If you have any questions, please contact the Trade Fair and Exhibition Technology Department (Tel.: +49 40 3569 2528 / e-mail:

messetechnik@hamburg-messe.de).

Minimum stand size: 9 sq.m. ground surface.

Participation fee: The participation fee for rented ground surface does not include renting and assembling stand participation walls.

**Exhibitor passes:** 

(see clause 16 ATB)

Up to a stand size of 12 sq.m. exhibitor will receive 2 exhibitor passes free of charge. One additional pass will be issued free-ofcharge for every further 10 sq.m. or part of sq.m.. With a booth size of 203 sq.m. and more you get 25 exhibitor passes maximum. Further exhibitor passes may be ordered on payment of a charge of € 21.01 plus VAT per pass or € 10.50 per one-day-pass

plus VAT, from the Online Service Center (OSC

NO exhibitor passes are needed for assembly and disassembly.

Media package:

(see clause 14 ATB)

The cost of the mandatory media package (including standard entries with address and contact data and one entry each in in the directory complete range of products & services and the directory of products and brands, in the online and print directories of exhibitors and the app) is € 148.00 plus VAT for the main exhibitor and each co-exhibitor. The deadline for entries in the directories is September 30, 2018. If this deadline is not met, existing data will be used from the registration/ approval. Exhibitors with registration / approval after the above deadline will get an entry in the online directory of exhibitors only on payment of the full charge. If

you have any questions, please contact our partner A. Sutter Fair Business GmbH.

Registration charge for

co-exhibitors (see clause 4.3. ATB) Co-exhibitors must be notified to HMC in writing with indication of company name, address, and products/services. Please complete the separate registration form for this purpose

The charge for co-exhibitors is € 260.00 plus VAT per co-exhibitor, and will be invoiced to the main exhibitor.

Exchange of exhibitor: The transfer of the booked stand space is only possible by prior approval of HMC and signing a transfer agreement.

Subject to a decision by the Federal Justice Ministry, HMC offers exhibitors a certificate for submission to the German Patent and **Exhibit protection:** 

Trade Mark Office that the exhibit to be protected (consumer/investment product, design/utility model) has been exhibited at GET

Nord 2018. For further information see Online Service Center / approvals and applications.

Advance payment for expected

additional costs: (see clause 5.3 ATB) No additional advance payment is required for GET Nord 2018.

#### **Specific Terms of Participation 2018**



Conditions applicable to specific event, supplementary to General Terms of Participation (ATB), Technical Regulations (TR) and Internal Regulations of Hamburg Messe und Congress GmbH

Invitations:

Exhibitors can invite their customers to the event by sending them invitations for free admission. The invitation which have been

used by the customers will **not be** charged to the exhibitor.

The exhibitor will receive on invoicing a list showing the numbers of the invitations presented. Exhibitors are requested to note before sending the invitations, to which customers they sent which numbers (shown on invitations), so that they can make an evaluation later. Exhibitor is not entitled to demand provision of full customer details.

You can order invitations at the Online Service Center (OSC). There is also an option to order invitation codes for online registration

instead of print invitations.

Stand design:

(cf. General Terms of Participation no.7, Technical Regulations no. 5.7.8.)

The obligatory minimum requirements are floor covering over the full surface (carpet etc), stand inscription (company name and address) and stand participation walls visually appropriate to the surroundings (e.g. wallpapering or fabric wall covering)

Stand participation walls:

(cf. General Terms of Participation no. 7, Technical Regulations no. 5.7.6)

Please read the appropriate numeral in the Technical Regulations.

If you have any questions, please contact the Trade Fair and Exhibition Technology Department (Phone: +49 40 3569-2528 / e-mail: messetechnik@hamburg-messe.de). Stand participation walls can be rented in the corresponding order forms provided at

the Online Service Center.

Approval of Stand construction:

(cf. no. 5.2. Technical Regulations)

All stand structures upward of 2,5 m in height, special structures, temporary buildings, etc. are subject to approval. Please read the appropriate numeral in the Technical Regulations.

If you have any questions, please contact the Trade Fair and Exhibition Technology Department (Phone: +49 40 3569-2528 /

e-mail: messetechnik@hamburg-messe.de).

Two-floor stands:

**Exhibitor Events:** 

(cf. General Terms of Participation no. 7.5, Technical Regulations 5.9.)

For two-floor stands, the built area of the upper floor will be charges additionally with 50% of the participation fee of the ground floor area. Such two-floor constructions require the approval of HMC (cf. Online Service Center).

Tooliinoar regulations s.s.,

Events on the exhibition stands have to be announced and approved before the beginning of the exhibition (cf. Online Service Center). If you have any questions, please contact the Trade Fair and Exhibition Technology Department (Phone: +49 40 3569-2528 / e-mail:

messetechnik@hamburg-messe.de).

Acoustic perfomances:

(cf. General Terms of Participations no. 13)

During regular opening hours, music performances or music played on exhibition grounds may not exceed a sound level of 60 decibles. Any acoustic performances require the written consent by HMC's project management. Copyrighted acoustic performance-

es have to be announced (cf. Online Service Center)

Advertising contribution:

The fee for the advertising contribution amounts to EUR 5,00 per sq.m. plus VAT. For this HMC will provide the exhibitor with visitor

brochures, DIN A1 posters, newsletters, admission tickets an WLAN, free of charge.

AUMA fee:

The AUMA fee amounts to EUR 0,60 per sq.m. plus VAT.

## **Application Co-exhibitors**

Start of stand allocation: 30 November 2017

Phone +49 40 3569-2153, Fax +49 40 3569-2175 info@get-nord.com get-nord.com



Heating, Air-Conditioning

22.-24. November 2018

Please note that al	ll co-exhibitors m	ust be registered and require	permission to attend fron	ı Hamburg Messe	und Congress GmbH.		
Co-exhibitors:		e companies other than the main exhi n financial or organisational terms.	bitor with representation by thei	ir own staff in a rente	d stand area. They are also	considered to be co-ex	nibitors if they are associated with the
Registration fee:	€ 260.— exclu	ding VAT per co-exhibitor					
Media package:	An entry will be	made in the GET Nord 2018 catalogue	and the associated online exhibi	tor database. The fee	or the media package is €	148.— excluding VAT.	
All required fields	are marked in BC	LD. Please complete in block l	etters.				
Name of the main-		·					ı
							Registration No.:
				1 1 1 1			
We hereby request	t the following co	-exhibitor to be included at G	ET Nord 2018:				
Company:							
please tick:	⊐ private person	☐ registered	entrepreneur (or legal entity	with VAT-RegNo.)	VAT-RegNo. (EU):		
Commercial/Company	RegNo. (non-EU):		1	Country of the hea	d office:		1
Contact Person:							
Address/P.O. Box:							
Country abbr.:	Postcode:	Town/City:					
Phone incl. country code	e:			Fax:			
E-mail:							
Internet:							
E-Mail for electron	ical invoicina:						
The following <b>product</b> (please itemize)	•						
We would li  Building systems electrical enginee heating, air-condit	technology ring, sanitation,	iced in the following Electrical and Sanitary technology Heating technology Renewable energies	specialist categor Lighting technology Air-conditioning, cooling, v	☐ Plumb entilation ☐ Tools (	ng technology Ind equipment		** *
*To register additional	co-exhibitors, please (	use copies of this form.					
of Hamburg Mess	se und Congress		ndersigned undertakes	to extend these	terms and rules to	any co-exhibitor	egulations and House Rules s. They can be inspected at
Place and date		Surna	me, first name main-exhibitor		Signature r	nain-exhibitor (please	print and sign)