



SCESp Directory

Accreditation number: SCESp 0028

International standard:	ISO/IEC 17065:2012	
Swiss standard:	SN EN ISO/IEC 17065:2013	
SVGW Association for water, gas and district heating Certification body water and gas Grütlistrasse 44 Box 2110 8027 Zurich	Head: Responsible for MS: Telephone: E-Mail: Internet:	Javier Fernandez Javier Fernandez +41 44 288 33 33 j.fernandez@svgw.ch www.svgw.ch
Further location: Certification body gas Eschenstrasse 10 8603 Schwerzenbach	Initial accreditation: Current accreditation: Scope of accreditation see:	22.11.1995 (Gas) 07.02.1996 (Water) 03.05.2021 to 02.05.2026 www.sas.admin.ch (Accredited bodies)

Scope of accreditation as of 08.09.2023

Certification body for equipment's, pipes, appliances and materials for installation in the drinking water and gas supply

Standards	Approved technical scopes	Remarks
WATER CERTIFICATION	Hygiene	
ZW102/1A (01/23)	Hygiene assessment	Materials in contact with drinking water – hygienic assessment of A) plastic
ZW102/1B (01/23)	Hygiene assessment	Materials in contact with drinking water – hygienic assessment of B) Duroplast-plastics (coatings, etc.)
ZW102/2 (01/23)	Hygiene assessment	Materials in contact with drinking water – hygienic assessment of metals
	Equipment's	
ZW106 (01/20)	Angle shut-off valves and device connection valves	Apparatus connection and corner shut-off valves (EN ISO 3822-1, -3, DIN 3227)
ZW107/1 (01/19)	Laboratory valves	(EN 200, EN 1717)



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Standards	Approved technical scopes	Remarks
ZW107/1 (01/19)	Two handle mixer taps	Single taps and combination taps (EN 200)
ZW107/2 (01/19)	Mechanical mixer taps	(EN 817)
ZW107/3 (01/19)	Thermostatic mixer taps	(EN 1111)
ZW107/4 (07/21)	Self-closing valves (mechanical)	Self-closing fittings (formerly ZW151) (EN 816)
ZW107/5 (07/21)	Self-closing valves (electronic)	Sanitary fittings with electronic opening and closing functions (formerly ZW170) (EN 15091)
ZW107/6 (01/22)	Shower / bath systems	Mixing valves with shower-/bath-tapware, piping, shower-/bath outlets (EN 200, EN 816, EN 817, EN 1111, EN 1112, EN 1113, EN 13618, EN 15091, EN 1717)
ZW110/1 (07/22)	Stop cocks	Stop valves (EN 1213, DIN 3546-1)
ZW111 (01/19)	Pressure reducing valves	Pressure reducer (EN 1567, EN 13443-1)
ZW112 (01/19)	Security valves	Security valves and security groups (EN 1488, EN 1491)
ZW114 (01/19)	Inline hot water supply tempering valves	(EN 15092)
ZW120 (07/22)	Solenoid valves	electrically operated water valves (EN 60730-2-8, EN 1267, EN ISO 3822-1...-4)
ZW122 (01/20)	Hose taps for garden and central heating	Outlet valves with hose-connection (ZW123, ZW124, ZW140, ZW168)
ZW123 (01/19)	In-line anti-vacuum valves Family D, type A Pipe interrupter Family D, type B Hose union backflow preventer Family H, type A	(EN 14451, EN 15096) (EN 14452, EN 14453) (EN 14454)
ZW124 (01/19)	Anti-pollution check valves Family E, types A, B, C and D	(EN 13959)
ZW126/1 (07/22)	Globe valves (ball valves)	Ball valves with slow-closing electric or pneumatic actuators (SVGW W3, EN 13828, EN 60730-2-8)



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ZW126/2 (07/22)	Globe valves (ball valves)	Ball valves with slow-closing planetary gear for hygiene systems (SVGW W3, EN 13828, EN 60730-2-8)
ZW126/3 (07/22)	Globe valves (ball valves)	Ball valves with quick-closing 90 ° operating element in heat exchanger circuits and hot water circulations (SVGW W3, EN 13828)
ZW126/4 (01/22)	Globe valves (ball valves)	Ball valves with quick-closing 90 ° operating element for draining equipment (SVGW W3, EN 13828)
ZW135 (01/19)	Back flow preventer Family B, type A Family G, type B	(EN 12729, EN 13434)
ZW140 (01/19)	Automatic diverter Family H, type C	(EN 14506)
ZW143 (07/22)	Sampling fittings	Sampling fittings (DIN 35860, SVGW W3)
ZW146 (01/19)	Back flow preventer Family C, type A Family G, type A	(EN 14367, EN 13433)
ZW149 (01/19)	Showers outlets	Extractable outlets for sink and basin mixers (EN 16145)
ZW150 (01/19)	Shower hoses	Extractable shower hoses (EN 16146)
ZW156 (01/19)	Tapping valves	(DVGW W 336)
ZW159 (01/19)	Shower outlets	(EN 1112)
ZW160 (01/19)	Shower hoses	(EN 1113)
ZW164 (07/22)	Control valves, Shut-off valves, backflow preventer and ventilation valves with float	Control valves, Shut-off valves, backflow preventer and ventilation valves with float (EN 1074/1 - 5)
ZW165 (01/23)	Thermostatic circulation valves	Regulated circulation valves (DIN 35861)
ZW166 (01/19)	Inlet valves for flushing cisterns	(EN 14124)
ZW168 (01/19)	Aerator; Type: LA, LB	(EN 14455)



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Standards	Approved technical scopes	Remarks
ZW169 (01/19)	Flow rate regulators	(EN 246)
	Connections	
ZW119/1 (01/19)	Flexible hoses	(EN 13618)
ZW119/2 (01/21)	Corrugated full metal pipes	(DVGW GW 354)
ZW119/3 (01/19)	Connecting hoses for washing and dishwashing machines	(EN 61770)
ZW139/1 (07/23)	Stainless steel fittings	Stainless steel fittings for press, push-in or clamp connections (SVGW W3, EN 1267, DVGW W 534)
ZW139/2 (07/23)	Copper and copper alloys - Plumbing fittings	Copper and/or copper alloys fittings for press, plug-in or clamp connections (SVGW W3, EN 1254-2, EN 1254-6, EN 1254-7, EN 1254-20, EN 1267, DVGW W 534)
ZW139/3 (07/23)	Copper and copper alloys - Plumbing fittings	Copper and/or copper alloy fittings for capillary solder and capillary solder transition joints (SVGW W3, EN 1254-1, EN 1254-20, EN 1267, DVGW GW 6, DVGW GW 8)
ZW145/1 (07/23)	Stainless steel fittings	Stainless steel fittings for threaded connections (SVGW W3, EN 1267, ISO 4144)
ZW145/2 (07/23)	Copper alloy fittings	Copper alloy fittings for threaded connections (SVGW W3, EN 1254-4, EN 1254-20, EN 1267, DVGW GW 6)
ZW145/3 (07/23)	Copper alloy extensions	Copper alloy extensions for threaded connections (SVGW W3, EN 1254-4, EN 1267, DIN 3523)
ZW145/4 (07/23)	Fittings made of zinc-plated malleable cast iron or zinc-plated steel	Fittings made of zinc-plated malleable cast iron or zinc-plated steel for threaded connections (SVGW W3, EN 1267, EN 10204, EN 10240, EN 10241, EN 10242)
ZW163 (07/22)	Pipecouplings	Pipe couplings, material transition and large range couplings, repair couplings as well as flange adapters (EN 14525, DIN 86128-1, -2, -3, EN 1333)



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Standards	Approved technical scopes	Remarks
	Pipes	
ZW105/1 (01/22)	Spring and groundwater capture - Pipes/fittings	(SVGW-W9, SVGW-W10)
ZW121 (01/19)	Thread cutting agents	(DVGW W 521)
ZW125/1 (01/22)	Drinking water distribution systems	Drinking water distribution systems with PE-X tubes (EN ISO 15875-1...-5, EN ISO 21003-2, CEN ISO/TS 15875-7, DVGW W 534)
ZW125/2 (01/22)	Drinking water distribution systems	Drinking water distribution systems with multilayer composite tubes (EN ISO 21003-1...-5, CEN ISO/TS 21003-7, DVGW W 534)
ZW125/3 (01/22)	Drinking water distribution systems	Drinking water distribution systems with PB-H and PB-R tubes (EN ISO 15876-1...-5, EN ISO 21003-2, CEN ISO/TS 15876-7, DVGW W 534)
ZW125/4 (07/20)	Drinking water distribution systems	Drinking water distribution systems with multilayer composite tubes PE-RT (EN ISO 22391-1...-5, EN ISO 21003-2, CEN ISO/TS 22391-7, DVGW W 534)
ZW125/5 (01/22)	Drinking water distribution systems	Drinking water distribution systems with PP-H, PP-B, PP-R and PP-RCT tubes (EN ISO 15874-1...-5, EN ISO 21003-2, CEN ISO/TS 15874-7, DVGW W 534)
ZW125/6 (01/22)	Drinking water distribution systems	Drinking water distribution systems with PVC-C tubes (EN ISO 15877-1...-5, EN ISO 21003-2, CEN ISO/TS 15877-7, DVGW W 534)
ZW128 (01/19)	Wall duct	Service entries for gas and water supply (SVGW – ZGW101, DVGW VP 601, -VP 601 B1)



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Standards	Approved technical scopes	Remarks
ZW130 (07/21)	Seal means	Non-hardening jointing compounds (EN 751-2, ÖNORM B 5014-1)
ZW133 (01/19)	Solders and fluxes	Solders and fluxes for soldering copper pipes (DVGW GW 7)
ZW138 (01/19)	Coatings and Cathodic protection	Tapes and shrinkable materials (EN 12068)
ZW155 (01/19)	Sealants	Flat gaskets (EN 1514-1)
ZW157 (01/19)	Compression fittings for PE pipes (laid in the ground) / Pipeline components and fittings of PE, PVC	Compression, push-in, press-fit connections and welded sockets (SVGW – ZGW101, DIN 8076, EN 12842, ISO 14236)
ZW162 (07/22)	Ground pipes and connections	Ductile iron pipes, fittings, accessories and their joints (EN 545, EN 14901-1, -2, EN 15655-1, -2, EN ISO 11177)
ZGW101 (01/19)	Plastic pipes of PE / PVC (laid in ground)	(EN 1555, EN 12201, CEN/TS 1555-7, CEN/TS 12201-7)
ZGW101 (01/19)	Materials made of PE, PVC	(EN 1555, EN 12201, CEN/TS 1555-7, CEN/TS 12201-7)
	Water conditioning	
ZW109/1 (01/22)	Filters	(EN 13443-1, -2, EN 1213, EN 1567)
ZW117 (10/18)	Softeners	Softeners – cation exchanger (EN 14743, DIN 19636-100, ResAP (2004) 3, ResAP (92) 2)
ZW118 (11/20)	Water conditioning equipment	Ion exchanger cartridges (SVGW W3, DIN 18879-1, ResAP (2004) 3, ResAP (92) 2)
ZW144 (01/22)	Anti-scale devices (Physical water after-treatment devices)	(DVGW W 510, -W 512)
ZW152 (01/22)	UV systems	UV disinfection devices (DVGW W 294-1...-3; ÖNORM M5873-1, -2 DIN 19294-1, -3)



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Standards	Approved technical scopes	Remarks
	Appliances	
ZW105/2 (01/22)	Chambers of source and spring shafts	(ZW164, SVGW-W10, SVGW-W12, SUVA Factsheet 33045)
ZW105/3 (01/22)	Fountain covers and entrance doors	(SVGW-W6, SVGW-W9, SVGW-W10, SVGW-W12, SVGW-W1007, SVGW-W1012, EN 1822-1)
ZW105/4 (07/22)	Water tanks (reservoirs)	(SVGW-W6, ZW105/3, ZW105/6, ZW113, ZW116, ZW143, ZW164, EN 1822-1)
ZW105/5 (01/22)	Water tanks (reservoirs) - Covers and coatings	(SVGW-W6)
ZW105/6 (07/22)	Water tanks (reservoirs) - Pressure doors and manholes	(SVGW-W6)
ZW107/7 (01/22)	Shower panels, shower enclosures and whirlpools/bathrooms	(EN 200, EN 816, EN 817 EN 1111, EN 1112, EN 1113 EN 13618, EN 15091, EN 1717 EN IEC 60730-2-8)
ZW108 (01/19)	Water meters	Cold and hot water meters (EN 4064-1...-5)
ZW113 (01/22)	<ul style="list-style-type: none"> - Wastewater-preliminary purification - Devices with gas and potable water connection - Bathrooms / Whirlpools / Shower panels/enclosures - Chemical dosing devices - Cleaning units / chemical - Ice-cube machines / water cooling units - Installation units - Emulsion mixers - Film and photo developing machines - Dishwashers - Beverage serving systems - Refill appliances for heating system - High pressure cleaner - Coffee machines - Kitchen appliances - Post Mix-Systems - Rainwater harvesting systems - Cleaning units - Washing machines - Other 	Devices and equipment (at the end of the drinking water installation) – Prevention of drinking water pollution by backflow or backpressure (ZW119/1, ZW119/3, EN 1717, EN 61770)



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Standards	Approved technical scopes	Remarks
	<ul style="list-style-type: none"> - Ice-cube machines / water cooling units - Dishwashers - Beverage serving systems - Coffee machines - - Kitchen appliances - Cleaning units - Washing machines 	Devices and equipment (at the end of the drinking water installation) – Prevention of drinking water pollution by backflow or backpressure
ZW115 (07/21)	Water heaters, storage water heaters and hot water storage tanks	Apparatus with gas and drinking water connections (EN 12897)
ZW131 (01/19)	Heat exchangers / Devices with gas and potable water connection	(EN 1717)
ZW141 (01/19)	Drinking CO2 devices	Drinking Fountain (DVGW W 516)
ZW167 (01/19)	Unrestricted air gap Family A; types A, B, C, D, F, G	(EN 13076, EN 13077, EN 13078, EN 13079, EN 14622, EN 14623)
	Hospital devices	
ZW113 (01/22)	<ul style="list-style-type: none"> - Disinfection devices (chemical) - Disinfection equipment (steam) - Various hospital devices - Bedpan cleaners - Lift baths 	Devices and equipment (at the end of the drinking water installation) – Prevention of drinking water pollution by backflow or backpressure (ZW119/1, EN 1717)
	Divers	
ZW116 (01/21)	Divers / Pumps	Pumps, turbines, pressure boosting systems, spotlights, electric cables, etc. (ZW 102/ff)
ZW154 (01/19)	Diaphragm expansion vessels	(EN 13831, DIN 4807-5)
	GAS CERTIFICATION	
ZG102 (01/23)	Certification programme for gas appliances	EN-drafts (prEN), in advanced process (for ex. final drafts), will also be taken into account for judging products if they represent the technical standard than older editions already approved
	Hot water appliances/Laundry machines	
	Producing hot water ≤ 70 kW Water storage capacity ≤ 300 l	EN 13203-1 EN 13203-2
	Producing hot water ≤ 70 kW Water storage capacity ≤ 500 l	EN 13203-3, Solar supported



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Standards	Approved technical scopes	Remarks
	Gas-fired type B tumble dryers ≤ 20 kW	EN 13203-4 With Cogeneration DIN 30682
	Direct gas-fired washing ≤ 20 kW	EN 12244-1 EN 12244-2
	Heating appliances	
	Gas-appliances; radiant heaters for open-air use	DIN 3372-2/-3/-4
	Domestic and non-domestic gas- fired warm air heaters with forced convection for space heating, the nominal heat load of which does not exceed 300 kW	EN 17082
	Radiant heaters – Ventilation re- quirements for non-domestic premises	EN 13410
	Parasol patio heaters – Flueless radiant heaters for outdoor or am- ply ventilated area use	EN 14543, For LPG appliances
	Diverse appliances	
	Propan / Butan gaslamps	DIN 30699
	Heating appliances for central heating	
	Gas-fired type C with atmospheric burner ≤ 70 kW	
	Heating, Condensing boiler type C or B	
	Heat-conducting medium ≤ 105°C	EN 15502-1
	≤ 1000 kW, type C, B2, B3 and B5	EN 15502-2-1 (Replaces EN 15420:2010, EN 483:1999)
	≤ 70 kW, type B1	EN 15502-2-2 (Replaces EN 15417:2006, EN 297:1994, EN 625:1995, EN 677:1998)
	Supplementary tests for boilers for gaseous fuels for a hydrogen con- tent of up to 20 % by volume	DVGW ZP 3100.20
	Supplementary tests for forced draught burners for gaseous fuels for a hydrogen content of up to 20% by volume	DVGW ZP 3502



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Standards	Approved technical scopes	Remarks
ZG103 (01/23)	Devices for the cogeneration of heat and power with a nominal heat load of less than or equal to 70 kW	EN 50465
	Ready-to-connect combined heat and power units with a gas-powered generator	DVGW VP 109
	Certification programme for valves in the gas sector	
	Valves	
	Shut off valves for LPG	DIN 4817-1
	Valves for gas installations; angle pattern stop cocks with compression fitting	DIN 3435
	Thermally activated shutting-off devices for gas	DIN 3586
	Shut off valve for landfill-/digester gas	DVGW-VP 303
	Shut off valve for manometer	DVGW-VP 308
	Socket safety gas connection valve with Safty hose off stainless steel	DIN 3383-1, Sourface mount
	Valves for gas distribution systems, ≤ 16 bar	EN 13774
	Valves for natural gas transportation in pipelines > 16 bar	EN 14141
	Industrial valves – Metallic butterfly valves	EN 593
	Metal tapping valves, for cast- and steel pipe MOP ≤ 5 bar	DVGW-VP 300
	Gas filters ≤ 5 bar	DIN 3386
Flame arresters	EN ISO 16852	
Gas welding equipment with/without a flame (flashback) arrestor	EN 730-1 / -2	
Pressure regulator up to 100 bar	EN 334	
LPG Equipment and Accessories - Pipework systems and supports – LPG in liquid phase and vapour pressure phase	EN 16125	



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Standards	Approved technical scopes	Remarks
ZG104 (01/23)	Regulators for butane, propane regulated pressure ≤ 4 bar, capacity ≤ 150 kg/h	EN 16129
	Camping pressure regulators for LPG	DIN 4811
	Gas pressure regulators and safety devices for gas installations for inlet pressure ≤ 5 bar	DIN 33822
	Laboratory equipment – Laboratory fittings – Part 2: Valves for fuel gases	DIN 12918-2
	Supplementary tests for gaseous fuel valves for a hydrogen content of up to 100 % by volume	DVGW CERT ZP 4110
	Pipes and equipment made of PE	
	Material transition metal connectors for gas pipelines of polyethylene	DVGW G 5600-1
	Gas and water service entry	DVGW-VP 601
	Block valves – PE80/PE100	DVGW-VP 302
	Certification programme for installation materials in the gas sector	
	Hose and joint	
	Rubber hoses and hose assemblies for LPG (liquid or gaseous phase) and natural gas MOP ≤ 25 bar	EN 1762
	Rubber and plastics hoses, tubing and assemblies for use with propane and butane with/without insert MOP ≤ 30 bar	EN 16436-1
	Tube for laboratory-burners with/without reinforcement	DVGW G 5501
Hoses for gasfired burners for laboratories, without shroud and armoring	DIN 30664-1	
Hose assemblies of stainless steel for gas MOP ≤ 16 bar	DIN 3384	
Corrugated metal hoses and hose assemblies	EN ISO 10380	
Corrugated metal hose assemblies for pressure applications	EN 14585-1	



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Standards	Approved technical scopes	Remarks
	Corrugated pipes made of stainless steel for gas and drinking water installations MOP ≤ 0.1 bar (Gas)	DVGW GW 354
	Stainless steel pliable corrugated tubing kits in buildings for gas ≤ 0,5 bar	EN 15266 DVGW-G 5616
	Expansion joint / Belows for gas MOP ≤ 16 bar	DIN 30681
	Separable unthreaded pipe connections for metal gas pipes	DIN 3387-1/ -2 Part 1: Smooth pipe connections Part 2: Flare pipe connections
	Permanent pipe connections for metal gas pipelines; Compression connector	DVGW-G 5614
	Threaded pipe fittings in malleable cast iron	EN 10242
	Coupling metal connectors for gas pipes made of PE	DVGW G 5600
	Gas and water house connections, MOP ≤ 5 bar	DVGW-VP 601
	Isolating joints ready for installation into service pipes in gas and water supply; built-in-isolating joints	DIN 3389
	Ready-made insulated joints – Part 1: Gas lines and systems up to 5 bar	DIN 3389-1
	Sealing and protection corrosion	
	Sealing materials of rubber, cork and synthetic fibres for gas armatures and gas appliances	DIN 3535-5
	Gasket materials based on fibres, graphite or polytetrafluoroethylene (PTFE) for gas valves, gas appliances and gas mains	DIN 3535-6
	Rubber materials for seals and diaphragms for gas appliances and gas equipment	EN 549
	Higher thermal resistant (HTB) seals for fittings and flanges in connections with gas meters and pressure regulators	DIN 30653



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Standards	Approved technical scopes	Remarks
	Sealing profiles of expanded PTFE for flange connections of gas supply systems	DIN 30654
	Sealing materials for metallic threaded joints in contact with 1st, 2nd and 3rd family gases and hot water	EN 751-1 Part 1: Anaerobic jointing compounds EN 752-2 (DIN 30660) Part 2: Non-hardening jointing compounds
	Means for metallic threaded joints	DVGW-VP 402
	Means for resealing threaded joints of gas pipework	EN 13090
	Materials for the subsequent sealing of joints in underground gas mains	DIN 30658-1 Part 1: Plastic foil and textile fibre linings used to seal gas pipes already in place
	Materials for the subsequent sealing of underground gas mains	DIN 30658-2 Part 2: Materials for the subsequent sealing of joints in underground gas mains
	Compatibility and permeation properties of elastomer materials for seals and diaphragms in gas appliances and systems to hydrogen for a content of up to 100 vol.% H ₂	DVGW ZP 5101
	Plastic cleaning of gas line mOP > 16 bar	DVGW-VP 643
	Lubricants for applications in appliances and associated controls using combustible gases except those designed for use in industrial processes	EN 377
	Lubricants for gas valves in indoor installation, gas distribution, and gas transportation pipe lines	DIN 3536
	Cathodic protection - External organic coatings for the corrosion protection of buried or immersed steel pipelines used in conjunction with cathodic protection	EN 12068 (DIN 30672) Tapes and shrinkable materials
	Miscellaneous	
	Measuring couplings	DVGW-VP 604
	Foam producing solutions for leak detection on gas installations	EN 14291



Swiss Confederation

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SVGW-ZGW101 (01/19)	Pipes an equipment made of PE Plastics piping systems for gas supply – Polyethylene (PE): Tubes, Fittings, Valves	(EN 1555, CEN/TS 1555-7)

In case of contradictions in the language versions of the directories, the German version shall apply.

Abbreviation	Signification
DVGW	Deutscher Verein des Gas- und Wasserfaches
W	SGWA Regulations of the Water area
ZW	Certification body "Water"
ZG	Certification body "Gas"

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