



## SCESp Directory

Accreditation number: **SCESp 0028**

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

### Scope of accreditation as of 03.05.2021

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

Standards	Approved technical scopes	Remarks
<b>WATER CERTIFICATION</b>	<b>Hygiene</b>	
ZW102/1A (07/20)	Hygiene assessment	Materials in contact with drinking water – hygienic assessment of A) plastic
ZW102/1B (07/20)	Hygiene assessment	Materials in contact with drinking water – hygienic assessment of B) Duroplast-plastics (coatings, etc.)
ZW102/2 (07/20)	Hygiene assessment	Materials in contact with drinking water – hygienic assessment of metals
	<b>Equipment's</b>	
ZW106 (01/20) (EN ISO 3822-1, -3, DIN 3227)	Angle shut-off valves and device connection valves	Apparatus connection and corner shut-off valves
ZW107/1 (01/19) (EN 200, EN 1717)	Laboratory valves	



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Standards	Approved technical scopes	Remarks
ZW107/1 (01/19) (EN 200)	Two handle mixer taps	Single taps and combination taps
ZW107/2 (01/19) (EN 817)	Mechanical mixer taps	
ZW107/3 (01/19) (EN 1111)	Thermostatic mixer taps	
ZW107/1, 107/2, 107/3 (01/19) (EN 200, EN 817, EN 1111, EN 1112, EN 1113)	Shower / bath systems	Mixing valves with shower-/bath- tapware, piping, shower-/bath out- lets
ZW110 (01/19) (EN 1213, DIN 3546-1)	Stop cocks	Stop valves
ZW111 (01/19) (EN 1567, EN 13443-1)	Pressure reducing valves	Pressure reducer
ZW112 (01/19) (EN 1488, EN 1491)	Security valves	Security valves and security groups
ZW114 (01/19) (EN 15092)	Inline hot water supply tempering valves	
ZW120 (01/19) (EN 60730-2-8, EN 1267, EN ISO 3822-1...-4)	Solenoid valves	electrically operated water valves
ZW122 (01/20) (ZW123, ZW124, ZW140, ZW168)	Hose taps for garden and central heating	Outlet valves with hose-connection
ZW123 (01/19) (EN 14451, EN 15096) (EN 14452, EN 14453)  (EN 14454)	In-line anti-vacuum valves Family D, type A Pipe interrupter Family D, type B Hose union backflow preventer Family H, type A	
ZW124 (01/19) (EN 13959)	Anti-pollution check valves Family E, types A, B, C and D	
ZW126 (01/19) (EN 13828)	Manually operated copper alloy and stainless-steel ball valves	
ZW135 (01/19) (EN 12729, EN 13434)	Back flow preventer Family B, type A Family G, type B	
ZW140 (01/19) (EN 14506)	Automatic diverter Family H, type C	
ZW143 (07/20) (DVGW W 579)	Sampling fittings	Sampling fittings
ZW146 (01/19) (EN 14367, EN 13433)	Back flow preventer Family C, type A Family G, type A	



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Standards	Approved technical scopes	Remarks
ZW149 (01/19) (EN 16145)	Showers outlets	Extractable outlets for sink and basin mixers
ZW150 (01/19) (EN 16146)	Shower hoses	Extractable shower hoses
ZW151 (01/19) (EN 816)	Self-closing valves	
ZW156 (01/19) (DVGW W 336)	Tapping valves	
ZW159 (01/19) (EN 1112)	Shower outlets	
ZW160 (01/19) (EN 1113)	Shower hoses	
ZW164 (01/19) (EN 1074/1 - 5)	Butterfly valves and slide	Control valves, Absperrarmaturen, backflow preventer and ventilation valves with float
ZW165 (01/19) (DVGW W 554)	Thermostatic circulation valves	
ZW166 (01/19) (EN 14124)	Inlet valves for flushing cisterns	
ZW168 (01/19) (EN 14455)	Anti-vacuum valves type L	
ZW169 (01/19) (EN 246)	Flow rate regulators	
ZW170 (01/19) (EN 15091)	Self-closing valves (timed or automatically)	Sanitary fittings with electronic opening and closing functions
	<b>Connections</b>	
ZW119/1 (01/19) (EN 13618)	Flexible hoses	
ZW119/2 (01/21) (DVGW GW 354)	Corrugated full metal pipes	
ZW119/3 (01/19) (EN 61770)	Connecting hoses for washing and dishwashing machines	
ZW136 (01/19) (EN 1254-1, -2)	Copper and copper alloys - Plumbing fittings	
ZW145 (01/19) (DVGW GW 6, DVGW GW 8)	Unions and fittings for copper / steel pipes	Capillary soldered fittings of copper pipes, capillary soldered fittings of gunmetal and transition fittings of copper and gunmetal
ZW148 (07/20) (EN 10241, EN 10242)	Unions and fittings for copper / steel pipes	Threaded pipe fittings



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Standards	Approved technical scopes	Remarks
ZW163 (01/19) (EN 14525, DIN 86128-1)	Pipecouplings	
	<b>Pipes</b>	
ZW121 (01/19) (DVGW W 521)	Thread cutting agents	
ZW125 (01/21) (EN ISO 15875-1...-5, EN ISO 21003-2, CEN ISO/TS 15875-7, DVGW W 534)	Drinking water distribution systems	Drinking water distribution systems with PE-X tubes
ZW127 (01/21) (EN ISO 15874-1...-5, EN ISO 21003-2, CEN ISO/TS 15874-7, DVGW W 534)	Drinking water distribution systems	Drinking water distribution systems with PP-H, PP-B, PP-R and PP-RCT tubes
ZW128 (01/19) (SVGW – ZGW101, DVGW VP 601, -VP 601 B1)	Wall duct	Service entries for gas and water supply
ZW129 (01/21) (EN ISO 15876-1...-5, EN ISO 21003-2, CEN ISO/TS 15876-7, DVGW W 534)	Drinking water distribution systems	Drinking water distribution systems with PB-H and PB-R tubes
ZW130 (01/19) (EN 751-2)	Seal means	Non-hardening jointing compounds
ZW133 (01/19) (DVGW GW 7)	Solders and fluxes	Solders and fluxes for soldering copper pipes
ZW134 (01/21) (EN ISO 15877-1...-5, EN ISO 21003-2, CEN ISO/TS 15877-7, DVGW W 534)	Drinking water distribution systems	Drinking water distribution systems with PVC-C tubes
ZW138 (01/19) (EN 12068)	Coatings and Cathodic protection	Tapes and shrinkable materials
ZW139 (07/20) (EN ISO 22391-1...-5, EN ISO 21003-2, CEN ISO/TS 22391-7, DVGW W 534)	Drinking water distribution systems	Drinking water distribution systems with multilayer composite tubes PE-RT type I and type II
ZW142 (07/20) (EN ISO 21003-1...-5, CEN ISO/TS 21003-7, DVGW W 534)	Drinking water distribution systems	Drinking water distribution systems with multilayer composite tubes
ZW155 (01/19) (EN 1514-1)	Sealants	Flat gaskets



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Standards	Approved technical scopes	Remarks
ZW157 (01/19) (SVGW – ZGW101, DIN 8076, EN 12842, ISO 14236)	Compression fittings for PE pipes (laid in the ground) / Pipeline com- ponents and fittings of PE, PVC	
ZW162 (01/19) (EN 545, EN 15655, EN ISO 4624, EN ISO 4628-8, EN ISO 9227, ISO 9352, DIN 51178)	Ground pipes and connections	Ductile iron pipes, fittings, acces- sories and their joints
SVGW - ZGW101 (01/19)	Plastic pipes of PE / PVC (laid in ground)	
SVGW – ZGW101 (01/19)	Materials made of PE, PVC	
	<b>Water conditioning</b>	
ZW109 (01/19) (EN 13443-1, -2, EN 1213, EN 1567)	Filters	
ZW117 (10/18) (EN 14743, DIN 19636-100, ResAP (2004) 3, ResAP (92) 2	Softeners	Softeners – cation exchanger
ZW118 (11/20) (EN 14898, EN 13443-2, EN 12903, EN 12915-1, DIN 18879-1)	Ion exchanger cartridges	Water conditioning equipment
ZW144 (01/19) (DVGW W 510, -W 512)	Water treatment devices (electro physical / magnetic)	
ZW152 (01/21) (DVGW W 294-1...-3; ÖNORM M5873-1, -2)	Sterilizing appliances	UV equipment



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ZW108 (01/19) (EN 4064-1...-5)	<b>Appliances</b> Water meters	Cold and hot water meters
ZW113 (01/20) (ZW119/1, -119/3, EN 1717)	<ul style="list-style-type: none"> <li>- Wastewater-preliminary purification</li> <li>- Devices with gas and potable water connection</li> <li>- Bathrooms / Whirlpools / Shower panels/enclosures</li> <li>- Chemical dosing devices</li> <li>- Cleaning units / chemical</li> <li>- Ice-cube machines / water cooling units</li> <li>- Installation units</li> <li>- Emulsion mixers</li> <li>- Film and photo developing machines</li> <li>- Dishwashers</li> <li>- Beverage serving systems</li> <li>- Refill appliances for heating system</li> <li>- High pressure cleaner</li> <li>- Coffee machines</li> <li>- Kitchen appliances</li> <li>- Post Mix-Systems</li> <li>- Rainwater harvesting systems</li> <li>- Cleaning units</li> <li>- Washing machines</li> <li>- Other</li> </ul>	Devices and equipment (at the end of the drinking water installation) – Prevention of drinking water pollution by backflow or backpressure
(ZW119/1 (01/19), ZW119/3 (01/19), EN 61770)	<ul style="list-style-type: none"> <li>- Ice-cube machines / water cooling units</li> <li>- Dishwashers</li> <li>- Beverage serving systems</li> <li>- Coffee machines</li> <li>-</li> <li>- Kitchen appliances</li> <li>- Cleaning units</li> <li>- Washing machines</li> </ul>	Devices and equipment (at the end of the drinking water installation) – Prevention of drinking water pollution by backflow or backpressure
ZW115 (07/20) (EN 12897)	Water heaters, storage water heaters and hot water storage tanks	Apparatus with gas and drinking water connections
ZW131 (01/19) (EN 1717)	Heat exchangers / Devices with gas and potable water connection	
ZW141 (01/19) (DVGW W 516)	Drinking CO2 devices	Drinking Fountain
ZW167 (01/19) (EN 13076, EN 13077, EN 13078, EN 13079, EN 14622, EN 14623)	Unrestricted air gap Family A; types A, B, C, D, F, G	
W 6 (04/04)	Storage tanks for drinking water	



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Standards	Approved technical scopes	Remarks
W 10 (01/89)	Chambers of a source / Shaft cover for water catching	
ZW113 (01/20) (ZW119/1, EN 1717)	<p><b>Hospital devices</b></p> <ul style="list-style-type: none"> <li>- Disinfection devices (chemical)</li> <li>- Disinfection equipment (steam)</li> <li>- Various hospital devices</li> <li>- Bedpan cleaners</li> <li>- Lift baths</li> </ul>	Devices and equipment (at the end of the drinking water installation) – Prevention of drinking water pollution by backflow or backpressure
ZW116 (01/21) (ZW 102/ff)	Divers / Pumps	Pumps, turbines, pressure boosting systems, spotlights, electric cables, etc
ZW154 (01/19) (EN 13831, DIN 4807-5)	Diaphragm expansion vessels	
ZW161 (01/19) (DVGW W 319)	Divers / Cleaning supplies	
<b>GAS CERTIFICATION</b>		
ZG102 (03/21)	<p><b>Certification programme for gas appliances</b></p> <p><b>Hot water appliances/Laundry machines</b></p> <p>Producing hot water ≤ 70 kW Water storage capacity ≤ 300 l</p> <p>Producing hot water ≤ 70 kW Water storage capacity ≤ 500 l</p> <p>Gas-fired type B tumble dryers ≤ 20 kW</p> <p>Direct gas-fired washing ≤ 20 kW</p> <p><b>Heating appliances</b></p> <p>Gas-appliances; radiant heaters for open-air use</p> <p>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</p>	<p>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</p> <p>EN 13203-1 EN 13203-2 EN 13203-3, Solar supported EN 13203-4 With Cogeneration DIN 30682 EN 12244-1 EN 12244-2 DIN 3372-2/-3/-4 EN 17082</p>



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Standards	Approved technical scopes	Remarks
ZG103 (03/21)	Radiant heaters – Ventilation requirements for non-domestic premises	EN 13410
	Parasol patio heaters – Flueless radiant heaters for outdoor or amply ventilated area use	EN 14543, For LPG appliances
	Diverse appliances	
	Propan / Butan gaslamps	DIN 30699
	<b>Heating appliances for central heating</b>	
	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)
	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
	<b>Certification programme for valves in the gas sector</b>	
<b>Valves</b>		
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	





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Standards	Approved technical scopes	Remarks
	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
	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
	<b>Pipes an equipment made of PE</b>	
	Material transition metal connectors for gas pipelines of polyethylene	DVGW G 5600-1
	Service entry	DVGW-VP 601
	Block valve – PE80/PE100	DVGW-VP 302
	Tapping valves – PE80/PE100	DVGW-VP 304



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Standards	Approved technical scopes	Remarks
ZG104 (03/21)	<p><b>Certification programme for installation materials in the gas sector</b></p> <p><b>Hose and joint</b></p> <p>Rubber hoses and hose assemblies for LPG (liquid or gaseous phase) and natural gas MOP ≤ 25 bar</p> <p>Rubber and plastics hoses, tubing and assemblies for use with propane and butane with/without insert MOP ≤ 30 bar</p> <p>Tube for laboratory-burners with/without reinforcement</p> <p>Hoses for gasfired burners for laboratories, without shroud and armoring</p> <p>Hose assemblies of stainless steel for gas MOP ≤ 16 bar</p> <p>Corrugated metal hoses and hose assemblies</p> <p>Corrugated metal hose assemblies for pressure applications</p> <p>Corrugated pipes made of stainless steel for gas and drinking water installations MOP ≤ 0.1 bar (Gas)</p> <p>Stainless steel pliable corrugated tubing kits in buildings for gas ≤ 0,5 bar</p> <p>Expansion joint / Belows for gas MOP ≤ 16 bar</p> <p>Separable unthreaded pipe connections for metal gas pipes</p> <p>Threaded pipe fittings in malleable cast iron</p> <p>Coupling metal connectors for gas pipes made of PE</p> <p>Gas and water house connections, MOP ≤ 5 bar</p>	<p>EN 1762</p> <p>EN 16436-1</p> <p>DVGW G 5501</p> <p>DIN 30664-1</p> <p>DIN 3384</p> <p>EN ISO 10380</p> <p>EN 14585-1</p> <p>DVGW GW 354</p> <p>EN 15266 DVGW-G 5616</p> <p>DIN 30681</p> <p>DIN 3387-1/ -2 Part 1: Smooth pipe connections Part 2: Flare pipe connections</p> <p>EN 10242</p> <p>DVGW G 5600</p> <p>DVGW-VP 601</p>



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Standards	Approved technical scopes	Remarks
	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
	<b>Sealing and protection corrosion</b>	
	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
	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 gaspipework	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 gaspipes 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
	Plastic cleaning of gas line mOP > 16 bar	DVGW-VP 643



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Standards	Approved technical scopes	Remarks
SVGW-ZGW101 (01/19)	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
	<b>Miscellaneous</b>	
	Measuring couplings	DVGW-VP 604
	Foam producing solutions for leak detection on gas installations	EN 14291
	<b>Pipes and equipment made of PE</b>	
	Plastics piping systems for gas supply – Polyethylene (PE): Tubes Fittings	

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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