



## SCESp Directory

Accreditation number: SCESp 0028

International standard: ISO/IEC 17065:2012  
Swiss standard: SN EN ISO/IEC 17065:2013

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Further location: Certification body gas Eschenstrasse 10 8603 Schwerzenbach	Current accreditation: Scope of accreditation see:	03.05.2026 to 02.05.2031 <a href="http://www.sas.admin.ch">www.sas.admin.ch</a> (Accredited bodies)

### Scope of accreditation as of 03.05.2026

**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> ZW1 (01/26)	<b>Certification program: - Hygiene</b>  Materials in contact with drinking water – hygienic assessment of A) plastic  Materials in contact with drinking water – hygienic assessment of B) Duroplast-plastics (coatings, etc.)  Materials in contact with drinking water – hygienic assessment of metals	  ZW102/1A (KTW-BWGL, ÖNORM B-5014-1 etc.)  ZW102/1B (KTW-BWGL, ÖNORM B-5014-1 etc.)  ZW102/2 (4MSI Common Approach, UBA)



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ZW2 (01/26)	<p><b>Certification program: - Equipment's</b></p> <p>Angle shut-off valves and device connection valves</p> <p>Laboratory valves</p> <p>Two handle mixer taps</p> <p>One handle mechanical mixer taps</p> <p>Thermostatic mixer taps</p> <p>Self-closing valves (mechanical)</p> <p>Self-closing valves (electronic)</p> <p>Shower / bath systems</p> <p>Stop cocks</p> <p>Pressure reducing valves</p> <p>Security valves</p> <p>Mixing valves</p>	<p>Apparatus connection and corner shut-off valves ZW106 (EN ISO 3822-1, -3, DIN 3227)</p> <p>ZW107/1 (EN 200, EN 1717)</p> <p>Single taps and combination taps ZW107/1 (EN 200)</p> <p>Mechanically adjustable mixers ZW107/2 (EN 817)</p> <p>ZW107/3 (EN 1111)</p> <p>Self-closing fittings ZW107/4 (EN 816)</p> <p>Sanitary fittings with electronic opening and closing functions ZW107/5 (EN 15091)</p> <p>Mixing valves with shower-/bath-tapware, piping, shower-/bath outlets ZW107/6 (EN 200, EN 816, EN 817, EN 1111, EN 1112, EN 1113, EN 13618, EN 15091, EN 1717)</p> <p>Stop valves ZW110/1 (EN 1213, DIN 3546-1)</p> <p>Pressure reducer ZW111 (EN 1567, EN 13443-1)</p> <p>Security valves and security groups ZW112 (EN 1488, EN 1491)</p> <p>Thermostatic mixers for water heaters ZW114 (EN 15092)</p>



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Standards	Approved technical scopes	Remarks
	Solenoid valves	electrically operated water valves ZW120 (EN 60730-2-8, EN 1267, EN ISO 3822-1...-4)
	In-line anti-vacuum valves Family D, type A Pipe interrupter Family D, type B Hose union backflow preventer Family H, type A	ZW123 (EN 14451, EN 15096) (EN 14452, EN 14453)  (EN 14454)
	Anti-pollution check valves Family E, types A, B, C and D	ZW124 (EN 13959)
	Globe valves (ball valves)	Ball valves with slow-closing elec- tric or pneumatic actuators ZW126/1 (SVGW W3, EN 13828, EN 60730-2-8)
	Globe valves (ball valves)	Ball valves with slow-closing plan- etary gear for hygiene systems ZW126/2 (SVGW W3, EN 13828, EN 60730-2-8)
	Globe valves (ball valves)	Ball valves with quick-closing 90 ° operating element in heat ex- changer circuits and hot water cir- culations ZW126/3 (SVGW W3, EN 13828)
	Globe valves (ball valves)	Ball valves with quick-closing 90 ° operating element for draining equipment ZW126/4 (SVGW W3, EN 13828)
	Back flow preventer BA	Black flow preventer; Type: BA ZW135 (EN 12729)
	Automatic diverter HC	ZW140 (EN 14506)
	Sampling fittings	Sampling fittings ZW143 (DIN 35860, SVGW W3)
	Back flow preventer CA	Black flow preventer; Type: CA ZW146 (EN 14367)



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Standards	Approved technical scopes	Remarks
ZW3 (01/26)	Showers	Extractable outlets for sink and basin mixers ZW149 (EN 16145)
	Shower hoses	Extractable shower hoses ZW150 (EN 16146)
	Tapping valves	ZW156 (DVGW W 336)
	Showers	ZW159 (EN 1112)
	Shower hoses	ZW160 (EN 1113)
	Control valves, Shut-off valves, backflow preventer and ventilation valves with float	Control valves, Shut-off valves, backflow preventer and ventilation valves with float ZW164 (EN 1074/1 - 5)
	Regulated circulation valves	ZW165/1 (DIN 35861)
	Manual circulation valves	ZW165/2 (DIN 35861)
	Inlet valves for flushing cisterns	ZW166 (EN 14124)
	Aerator; Type: LA, LB	ZW168 (EN 14455)
	Flow rate regulators	ZW169 (EN 246)
	<b>Certification program: - Connections</b>	
	Flexible hoses / Flexible hoses, metal	Flexible hose connections with or without braiding ZW119/1 (EN 13618)
	Flexible corrugated pipe connections / compensators	Corrugated pipe connections ZW119/2 (DVGW GW 354)
Connecting hoses for washing and dishwashing machines	ZW119/3 (EN 61770)	
Stainless steel fittings	Stainless steel fittings for press, push-in or clamp connections ZW139/1 (SVGW W3, EN 1267, DVGW W 534)	



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Standards	Approved technical scopes	Remarks
ZW4 (01/26)	Copper and copper alloys - Plumbing fittings	Copper and/or copper alloys fittings for press, plug-in or clamp connections ZW139/2 (SVGW W3, EN 1254-2, EN 1254-6, EN 1254-7, EN 1254-20, EN 1267, DVGW W 534)
	Copper and copper alloys - Plumbing fittings	Copper and/or copper alloy fittings for capillary solder and capillary solder transition joints ZW139/3 (SVGW W3, EN 1254-1, EN 1254-20, EN 1267, DVGW GW 6, DVGW GW 8)
	Stainless steel fittings	Stainless steel fittings for threaded connections ZW145/1 (SVGW W3, EN 1267, ISO 4144)
	Copper alloy fittings	Copper alloy fittings for threaded connections ZW145/2 (SVGW W3, EN 1254-4, EN 1254-20, EN 1267, DVGW GW 6)
	Copper alloy extensions	Copper alloy extensions for threaded connections ZW145/3 (SVGW W3, EN 1254-4, EN 1267, DIN 3523)
	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 ZW145/4 (SVGW W3, EN 1267, EN 10204, EN 10240, EN 10241, EN 10242)
	Pipecouplings	Pipe couplings, material transition and large range couplings, repair couplings as well as flange adapters ZW163 (EN 14525, DIN 86128-1, -2, -3, EN 1333)
	<b>Certification program: - Pipes</b>	
	Spring and groundwater capture - Pipes/fittings	ZW105/1 (SVGW-W9, SVGW-W10)
	Thread cutting agents	ZW121 (DVGW W 521)



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Standards	Approved technical scopes	Remarks
	Drinking water distribution systems	Drinking water distribution systems with PE-X tubes ZW125/1 (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 multilayer composite tubes ZW125/2 (EN ISO 21003-1...-5, CEN ISO/TS 21003-7, DVGW W 534)
	Drinking water distribution systems	Drinking water distribution systems with PB-H and PB-R tubes ZW125/3 (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 multilayer composite tubes PE-RT ZW125/4 (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 PP-H, PP-B, PP-R and PP-RCT tubes ZW125/5 (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 PVC-C tubes ZW125/6 (EN ISO 15877-1...-5, EN ISO 21003-2, CEN ISO/TS 15877-7, DVGW W 534)
	Wall duct	Service entries for gas and water supply ZW128 (SVGW – ZGW101, DVGW VP 601, -VP 601 B1)



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Standards	Approved technical scopes	Remarks
ZW5 (01/26)	Seal means	Non-hardening jointing compounds ZW130 (EN 751-2, ÖNORM B 5014-1)
	Solders and fluxes	Solders and fluxes for soldering copper pipes ZW133 (DVGW GW 7)
	Coatings and Cathodic protection	Tapes and shrinkable materials ZW138 (EN 12068)
	Sealants	Flat gaskets ZW155-1 (ZW102/ff)
	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 ZW157 (SVGW – ZGW101, DIN 8076, EN 12842, ISO 14236)
	Ground pipes and connections	Ductile iron pipes, fittings, accessories and their joints ZW162 (EN 545, EN 14901-1, -2, EN 15655-1, -2, EN ISO 11177)
	Plastic pipes of PE / PVC (laid in ground)	ZGW101 (EN 1555, EN 12201, CEN/TS 1555-7, CEN/TS 12201-7)
	Materials made of PE, PVC	ZGW101 (EN 1555, EN 12201, CEN/TS 1555-7, CEN/TS 12201-7)
	<b>Certification program: - Water conditioning</b>	
	Filters	ZW109/1 (EN 13443-1, -2, EN 1213, EN 1567)
Softeners	Softeners – cation exchanger ZW117 (EN 14743, DIN 19636-100, ResAP (2004) 3, ResAP (92) 2)	
Water conditioning equipment	Ion exchanger cartridges ZW118 (SVGW W3, DIN 18879-1, ResAP (2004) 3, ResAP (92) 2)	



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Standards	Approved technical scopes	Remarks
ZW6 (01/26)	Anti-scale devices (Physical water after-treatment devices)	Electrophysical and/or magnetic drinking water treatment devices ZW144 (DVGW W 510, -W 512)
	UV systems	UV disinfection devices ZW152 (DIN 19294-1, -3, ÖNORM 5873-1, -2, DVGW W 294-1, -2, -3)
	<b>Certification program: - Appliances</b>	
	Chambers of source and spring shafts	ZW105/2 (ZW164, SVGW-W10, SVGW-W12, SUVA Factsheet 33045)
	Fountain covers and entrance doors	ZW105/3 (SVGW-W6, SVGW-W9, SVGW-W10, SVGW-W12, SVGW-W1007, SVGW-W1012, EN 1822-1)
	Water tanks (reservoirs)	ZW105/4 (SVGW-W6, ZW105/3, ZW105/6, ZW113, ZW116, ZW143, ZW164, EN 1822-1)
	Water tanks (reservoirs) - Covers and coatings	ZW105/5 (SVGW-W6)
	Water tanks (reservoirs) - Pressure doors and manholes	ZW105/6 (SVGW-W6)
	Shower panels, shower enclosures and whirlpools/bathrooms	ZW107/7 (EN 200, EN 816, EN 817, EN 1111, EN 1112, EN 1113, EN 13618, EN 15091, EN 1717, EN IEC 60730-2-8)
Water meters	Cold and hot water meters ZW108 (EN 4064-1...-5)	



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Standards	Approved technical scopes	Remarks
	<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>	<p>Devices and equipment (at the end of the drinking water installation) – Prevention of drinking water pollution by backflow or backpressure ZW113 (ZW119/1, ZW119/3, EN 1717, EN 61770)</p>
	<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>	<p>Devices and equipment (at the end of the drinking water installation) – Prevention of drinking water pollution by backflow or backpressure</p>
	<p>Water heaters, storage water heaters and hot water storage tanks</p>	<p>Apparatus with gas and drinking water connections ZW115 (EN 12897, EN 13203-1, -2, -3)</p>
	<p>Heat exchangers / Devices with gas and potable water connection</p>	<p>ZW131 (EN 1717)</p>
	<p>Unrestricted air gap; Types: AA, AB, AC, AD, AF, AG</p>	<p>ZW167 (EN 13076, EN 13077, EN 13078, EN 13079, EN 14622, EN 14623)</p>



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ZW7 (01/26)	<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>	<p>Devices and equipment (at the end of the drinking water installation) – Prevention of drinking water pollution by backflow or backpressure ZW113 (ZW119/1, EN 1717)</p>
	<p><b>Certification program: - Divers</b></p> <p>Divers / Pumps</p>	<p>Pumps, turbines, pressure boosting systems, spotlights, electric cables, etc. ZW116 (ZW 102/ff)</p>
	<p>Diaphragm expansion vessels</p>	<p>ZW154 (EN 13831, DIN 4807-5)</p>
<b>GAS CERTIFICATION</b>		
ZG102 (01/26)	<p><b>Certification programme for gas appliances</b></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><b>Hot water appliances/Laundry machines</b></p>	
	<p>Producing hot water ≤ 70 kW Water storage capacity ≤ 300 l</p>	<p>EN 13203-1 EN 13203-2</p>
	<p>Producing hot water ≤ 70 kW Water storage capacity ≤ 500 l</p>	<p>EN 13203-3 Solar supported</p>
	<p>Gas-fired type B tumble dryers ≤ 20 kW</p>	<p>EN 13203-4 With Cogeneration</p>
	<p>Direct gas-fired washing ≤ 20 kW</p>	<p>DIN 30682</p>
	<p><b>Heating appliances</b></p>	
	<p>Gas-appliances; radiant heaters for open-air use</p>	<p>EN 12244-1 EN 12244-2</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>DIN 3372-2/-3/-4</p> <p>EN 17082</p>



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Standards	Approved technical scopes	Remarks
ZG103 (01/26)	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>	
	Supplementary tests for boilers for gaseous fuels for a hydrogen content 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
	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 manometer	DIN 3590-1 and -2 (formerly 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	



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Standards	Approved technical scopes	Remarks
ZG104 (01/26)	Valves for natural gas transportation in pipelines > 16 bar	EN 14141
	Industrial valves – Metallic butterfly valves	EN 593
	Tapping valves for polyethylene pipelines MOP ≤ 5 bar	DIN 3588-1
	Metal tapping valves, for cast- and steel pipe MOP ≤ 5 bar	DIN 3588-2
	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
	Supplementary tests for gaseous fuel valves for a hydrogen content of up to 100 % by volume	DVGW CERT ZP 4110
<b>Pipes an equipment made of PE</b>		
Gas and water service entry	DVGW-VP 601	
Block valves – PE80/PE100	DVGW-VP 302	
	<b>Certification programme for installation materials in the gas sector</b>	



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Standards	Approved technical scopes	Remarks
	<b>Hose and joint</b>	
	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
	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 5600-1
	Gas and water house connections, MOP ≤ 5 bar	DVGW-VP 601



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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 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



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Standards	Approved technical scopes	Remarks
SVGW-ZGW101 (01/19)	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 <sub>2</sub>	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
	<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, 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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