



## STS Directory

Accreditation number: **STS 0403**

International standard: ISO/IEC 17025:2017  
Swiss standard: SN EN ISO/IEC 17025:2018

Eurofins Qualitech AG  
Testing laboratory  
Almuesenacherstrasse 3  
CH-5506 Mägenwil

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Site 1  
Eurofins Qualitech AG  
9423 Altenrhein

Internet: [www.eurofins-qualitech.ch](http://www.eurofins-qualitech.ch)  
Initial accreditation: 18.03.2004

Site 2  
Eurofins Qualitech AG  
2555 Brugg

Current accreditation: 07.11.2023 to 06.11.2028  
Scope of accreditation see: [www.sas.admin.ch](http://www.sas.admin.ch)  
(Accredited bodies)

Site 3  
Eurofins Qualitech AG  
8404 Winterthur

### Scope of accreditation as of 18.08.2025

**Testing laboratory for Non-destructive and destructive testing of materials and components made of metal, ceramics, polymers as well as welding procedures for pressure equipment**

Group of products or materials, field of activity	Measurement principle <sup>n)</sup> (characteristics, measuring ranges, type of test)	Test methods, remarks (national, international standards, in-house test methods)
<b>Metals, polymers, ceramics, composites, various assemblies</b>	<b>Non-destructive materials testing by means of industrial computed tomography (iCT)</b>  At sites: - Mägenwil - Altenrhein - Brugg - Winterthur	<b>General</b> ASTM E1441 ASTM E1570 ASTM E1695 ASTM E1814  EN 16016-1 EN 16016-2 EN 16016-3 EN 16016-4  ISO 15708-1 ISO 15708-2



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	<p><b>Radiographic testing RT</b></p> <ul style="list-style-type: none"> <li>- X-ray tubes up to 450 kV</li> <li>- Cobalt 60</li> <li>- Iridium 192</li> <li>- Selen 75</li> </ul> <p>At sites:</p> <ul style="list-style-type: none"> <li>- Mägenwil</li> <li>- Altenrhein (<b>without cobalt</b>)</li> <li>- Brugg</li> <li>- Winterthur</li> </ul> <p><b>Radioscopic testing</b> With X-ray systems up to 160 kV At sites:</p> <ul style="list-style-type: none"> <li>- Mägenwil</li> </ul> <p>Digital X-ray (radiography) at sites:</p> <ul style="list-style-type: none"> <li>- Mägenwil</li> <li>- Winterthur</li> <li>- Altenrhein</li> <li>- Brugg</li> </ul>	<p><b>Castings</b> EN 12681-1 EN 12681-2</p> <p><b>Welded products</b> EN ISO 17636-1 EN ISO 17636-2 EN 1435a) EN ISO 10675-1 EN ISO 10675-2 EN 12517-1/-2-a)</p> <p><b>Pipes and piping</b> EN ISO 10893-6 EN ISO 10893-7</p> <p><b>Thermopolymers</b> EN 13100-2</p> <p><b>Brazed joints</b> EN 12799 EN ISO 18279 Further applicable standards, guidelines, etc.</p> <ul style="list-style-type: none"> <li>- ASME Sec. V Art. 2</li> <li>- AD2000</li> <li>- ERI code of practice</li> <li>- SVTI etc.</li> </ul> <ul style="list-style-type: none"> <li>- EN 13068-3</li> </ul>



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<p><b>Metals, polymers</b></p>	<p><b>Ultrasonic testing UT:</b>            - Pulse-echo method            - Transmission method            - Time-of-flight diffraction method (TOFD)            - phased array technique            with various ultrasound devices</p> <p>At sites:            - Mägenwil            - Altenrhein            - Brugg            - Winterthur</p> <p><b>Immersion technique</b>            At site:            - Winterthur</p>	<p><b>General</b>            EN ISO 16810            EN ISO 16811            EN ISO 16823            EN ISO 16826            EN ISO 16827            EN ISO 16828</p> <p><b>Castings</b>            EN 12680-1/-2/-3</p> <p><b>Forgings</b>            EN 10228-3/-4</p> <p><b>Welded products</b>            EN ISO 17640            EN ISO 10863            EN ISO 13855            EN ISO 22825            EN ISO 11699            EN ISO 23279            EN ISO 15626            AD2000 HP5/3            AD2000 HP5/3 Anl.1</p> <p><b>Pipes and pipelines</b>            EN ISO 10893-8/-9/-10/-11</p> <p><b>Rolled products</b>            EN 10307            EN 10308            EN 10160</p> <p><b>Thermopolymers</b>            EN 13100-3</p> <p><b>Brazed joints</b>            EN 12799            EN ISO 18279</p> <p><b>Other standards to be applied</b>            ASME Sec. V Art. 4            ASME Sec. V Art. 5            DIN 54123            SEP 1920, etc.</p>









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<b>Metals, polymers</b>	<p><b>Notched bar impact strength, tensile and compressive strength tests</b></p> <p>At sites:</p> <ul style="list-style-type: none"> <li>- Mägenwil</li> <li>- Winterthur</li> </ul> <p><b>Notched-bar impact test</b></p> <ul style="list-style-type: none"> <li>- Temp. -269°C , -196°C and -80°C to +250°C in Winterthur</li> <li>- Temp. -40°C to RT in Mägenwil</li> <li>- (Undersized samples) in Winterthur</li> </ul> <p><b>Tensile and compressive strength testing on steel</b></p> <ul style="list-style-type: none"> <li>- Temp. -196°C and -80°C to +1000°C in Winterthur</li> </ul> <p><b>Tensile and compressive strength testing on polymers</b></p> <p>Temp. -80°C to +250°C in Winterthur</p>	<p>EN ISO 14556 EN ISO 148-1 EN ISO 9016 ASTM E23  DIN 50115  EN ISO 4136 EN ISO 6892-1/-2 DIN 50106 ASTM E8 ASTM E21  EN ISO 527-1 to -3 ASTM D638 ASTM D412</p>
<b>Metals</b>	<p><b>Technological tests</b></p> <p>At sites:</p> <ul style="list-style-type: none"> <li>- Mägenwil</li> <li>- Winterthur</li> </ul> <p><b>Aufschweissbiegeversuch (AUBI; no translation)</b></p> <p><b>Tube flattening test</b></p> <p><b>Tube drift-expanding tests</b></p> <p>Site: Winterthur</p> <p><b>Tube ring-expanding test</b></p> <p>Site: Winterthur</p> <p><b>Tube ring tensile test</b></p> <p>Site: Winterthur</p> <p><b>Bend test (three- and four-point)</b></p> <p>Site: Winterthur</p> <p><b>Bend test (welds)</b></p>	<p>SEP 1390  EN ISO 8492 EN ISO 8493  EN ISO 8495  EN ISO 8496  EN ISO 7438  EN ISO 5173</p>



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<b>Metals, polymers</b>	<b>Technological tests</b> Site: - Winterthur  <b>Drop weight test</b> (Pellini test)  <b>Component tests - Threshold load tests</b> Info: <2 Hz, Temp. -80°C to +1200°C Site: - Winterthur  <b>Materials and failure analysis 3)</b> Site: - Winterthur	   SEP 1325 ASTM E208  DIN 50100
<b>Metals and polymers</b>	<b>Surface replica method</b> Field replicas (no assessment and no evaluation on-site)	DIN 54150 ASTM E1351
<b>Metals</b>	<b>X-ray fluorescence analysis</b>	AP_13_17
<b>Metals, polymers and ceramics</b>	<b>Electron beam microanalysis</b>	AP_13_19
<b>Metals</b>	<b>Hot gas extraction analysis</b>  <b>Combustion analysis</b>	AP_13_21 AP_13_22  AP_13_23
<b>All solid materials</b>	<b>Scanning electron microscopy</b> Topography of surfaces and fracture surfaces; semi-quantitative elemental analyses using EDX analyzer.  <b>Particle size analysis</b>	AP_13_18   AP_13_70
<b>All crystalline substances</b>	<b>X-ray diffraction</b>  <b>Metallographic testing</b> At sites: - Mägenwil - Winterthur	AP_13_20



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<b>Metals, polymers and ceramics</b>	<b>Macro- and microsections</b>	EN ISO 3887 EN ISO 1463 ISO 4967 ISO 4505 EN ISO 945-1 DIN 50600 EN 10247 EN ISO 643 ASTM A247 ASTM E112 AP_13_04 ASTM E45 ISO 18265 ISO 4968 ASTM E407 DVS 2310-1 to -3 VdTÜV 451
<b>Metals</b>	<b>Determination of delta ferrite content in austenitic weld metal</b>	EN ISO 17655 DVS 1005
<b>Metals</b>	<b>Corrosion tests</b> At sites: - Winterthur  <b>Examination for intercrystalline corrosion</b>  <b>Corrosion tests</b> At sites: - Winterthur  <b>Pitting and crevice corrosion</b>  <b>Salt spray test and condensation water test</b>  <b>Other tests</b> At locations: - Winterthur	EN ISO 3651-1 and -2; SEP 1877, a.o. ASTM A262 Method A-E ASTM G28 Method A and B AP_13_33 AP_13_34  ASTM G48 AP_13_35  EN ISO 7253 EN ISO 9227 DIN 50021 ASTM B117 AP_13_32 AP_13_39



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<b>Polymers and other organic materials</b>	<b>DSC analysis on solids and liquids</b>	DIN EN ISO 11357-1 to -3 ASTM D3418 ASTM F2625 AP_13_36
	<b>TGA analysis on solids and liquids</b>	DIN EN ISO 11358 AP_13_37
	<b>Fourier Transformed Infrared Spectroscopy (FTIR)</b>	AP_13_38
	<b>Fourier Transformed Infrared Spectroscopy (Mikro-FTIR)</b>	AP_13_60
	<b>Hardness Measurement, Shore A and D</b>	DIN EN ISO 868 ASTM D2240 AP_13_98
	<b>Compression Set</b>	DIN ISO 815-1 ASTM D395 AP_13_97
<b>Water samples and other liquids</b>	<b>Measurement of the m-value</b>	AP_13_27_V1
	<b>Measurement of the p-value</b>	AP_13_28_V1
	<b>Measurement of the pH-value of aqueous solutions</b>	AP_13_29_V1
	<b>Measurement of the electrical conductivity of aqueous solutions</b>	AP_13_29_V2
	<b>Photometric measurement of ions in water</b>	AP_13_30_V1
	<b>Total water hardness</b>	AP_13_31
<b>Air samples</b>	<b>Measurement of asbestos fiber concentration in air</b>	AP_13_24 VDI 3492
<b>Welding and brazing processes for the fabrication of pressure equipment</b>	<b>NDT and metallographic examinations</b> At sites: - Mägenwil	



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<p><b>General principles</b> <b>Industry Sectors:</b></p> <ul style="list-style-type: none"> <li>- Service inspection in manufacturing and maintenance</li> </ul> <p>Aerospace</p>	<p><b>NDT: UT, RT, ET, PT, MT, VT, CR</b></p> <p>At sites:</p> <ul style="list-style-type: none"> <li>- Mägenwil</li> <li>- Altenrhein</li> <li>- Brugg</li> <li>- Winterthur</li> </ul>	<p>according to standard EN ISO 9712, Annex A</p> <p>The test center is approved by FOCA according to EASA 145.0226, Part. 145 (Date 24.09.2004) for:</p> <ul style="list-style-type: none"> <li>- Class: Specialized Services</li> <li>- Rating D1 NDT</li> <li>- UT, RT, ET, PT, MT</li> </ul> <p>The test center in Winterthur is certified according to Nadcap</p>
<p><b>Product Sectors:</b></p> <ul style="list-style-type: none"> <li>- Castings (c) (ferrous and non-ferrous materials);</li> <li>- Forgings (f) (all types of forgings, ferrous and non-ferrous materials);</li> <li>- Welded products (w) (all types of welded joints, including brazing, for ferrous and non-ferrous materials);</li> <li>- Tubes and pipes (t), (seamless, welded, ferrous and non-ferrous materials, including flat products for the production of welded tubes);</li> <li>- Rolled products (wp) except forgings (e.g. flat products, bars, rods);</li> <li>- Composite materials (p)</li> </ul>	<p><b>NDT: UT, RT, ET, PT, MT, VT, CR</b></p> <p>At sites:</p> <ul style="list-style-type: none"> <li>- Mägenwil</li> <li>- Altenrhein</li> <li>- Brugg</li> <li>- Winterthur</li> </ul>	<p>according to standard EN ISO 9712, Annex A</p>

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

Abbreviation	Signification
a)	Test standard withdrawn; however, test requests continue to be made
AD	Administration
AP	Work / test instruction
ASTM	American Society for Testing and Materials



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Abbreviation	Signification
FOCA	Federal Office of Civil Aviation
DVS	Deutscher Verband für Schweißen und verwandte Verfahren (German Welding Society)
EASA	European Aviation Safety Agency
ERI	Eidgenössisches Rohrleitungsinspektorat (no English translation)
ET	Eddy current testing
MT	Magnetic particle inspection
NDT	Non-destructive materials testing
OES	Optical emission spectrometry
PED	Pressure Equipment Guideline
PT	Penetrant testing
SEM	Scanning electron microscopy
RT	X-ray (radioscopic) testing
SVTI	Schweizerischer Verein für technische Inspektionen (no English translation)
UT	Ultrasonic testing
VT	Visual testing

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