



STS Directory

Accreditation number: **STS 0645**

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

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Initial accreditation: 04.10.2017
Current accreditation: 04.10.2022 to 03.10.2027
Scope of accreditation see: www.sas.admin.ch
(Accredited bodies)

Scope of accreditation as of 04.10.2022

Testing laboratory for non-destructive testing of materials and components

Product or material groups, field of activity	Principle of measurement ²⁾ (characteristics, measurement ranges, type of test)	Test methods, remarks (national, international standards, in-house test methods)
Services: - Inspections during manufacturing and maintenance, including on-site testing Metals, polymers, composite materials	Ultrasonic Testing UT: - Pulse echo technique - Transmission technique - Ultrasonic Time-Of-Flight Diffraction (TOFD) - Ultrasonic phased array technique With various ultrasonic devices, manual and mechanised method	General - EN ISO 16810 - EN ISO 16811 - EN ISO 22825 - EN ISO 2400 - EN ISO 7963 Cast components - EN 12680-1/-2/-3 Forgings - EN 10228-3/-4 Welded components



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		<ul style="list-style-type: none"> - EN ISO 16828 - EN ISO 17640 - EN ISO 10863 - EN ISO 13588 - EN ISO 22825 - EN ISO 11666 - EN ISO 23279 - EN ISO 15626 - EN ISO 17405 - EN 16018 - AD2000 HP5/3 - AD2000 HP5/3 Anl. 1 <p>Piping and pipelines</p> <ul style="list-style-type: none"> - EN ISO 10893-8/-9/-10/-11 <p>Rolled products</p> <ul style="list-style-type: none"> - EN 10307 - EN 10308 - EN 10160 <p>Thermoplastic polymers</p> <ul style="list-style-type: none"> - EN 13100-3 <p>Brazed joints</p> <ul style="list-style-type: none"> - EN 12799 - EN ISO 18279 <p>Additional applicable standards</p> <ul style="list-style-type: none"> - ASME Sec. III - ASME Sec. V Art. 4 - ASME Sec. V Art. 5 - DIN 54123 - SEP1920. - Withdrawn standards
	<p>Wall thickness measurement using ultrasound With various ultrasonic devices, manual and mechanised method</p>	<ul style="list-style-type: none"> - EN 14127
<p>Metals, polymers, composite materials, ceramics</p>	<p>Penetrant test PT:</p> <ul style="list-style-type: none"> - Fluorescent penetrant - Color penetrant 	<p>General</p> <ul style="list-style-type: none"> - EN ISO 3452-1 - EN ISO 3452-2 - EN ISO 3452-3 - EN ISO 3452-5 - EN ISO 3452-6 - EN ISO 3059 <p>Cast components</p> <ul style="list-style-type: none"> - EN 1371-1/-2 <p>Forgings</p>



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		<ul style="list-style-type: none"> - EN 10228-2 Welded components - EN ISO 3452-1 - EN ISO 23277 Piping and pipelines - EN ISO 10893-4 Brazed joints - EN 12799 - EN ISO 18279 Additional applicable standards - ASME Sec.III - ASME Sec. V Art. 6 - ASTM E 1417 - Withdrawn standards
Ferromagnetic metals	Magnet particle test MT: <ul style="list-style-type: none"> - Stationary equipments - Magnet yokes - Mobile equipments 	General <ul style="list-style-type: none"> - EN ISO 9934-1 - EN ISO 9934-2 - EN ISO 9934-3 - EN ISO 3059 Cast components <ul style="list-style-type: none"> - EN 1369 Forgings <ul style="list-style-type: none"> - EN 10228-1 Welded components <ul style="list-style-type: none"> - EN ISO 17638 - EN ISO 23278 Piping and pipelines <ul style="list-style-type: none"> - EN ISO 10893-5 Additional applicable standards <ul style="list-style-type: none"> - ASME Sec. III - ASME Sec. V Art. 7 - ASTM E 1444 - DIN 54136-1 - Withdrawn standards
Metals, polymers, composite materials, steel ropes	Visual testing VT: <ul style="list-style-type: none"> - Direct visual testing with or without auxiliary devices - Indirect visual testing 	General <ul style="list-style-type: none"> - EN 13018 Cast components <ul style="list-style-type: none"> - EN 1370 Welded components <ul style="list-style-type: none"> - EN ISO 17637 Thermoplastic polymers



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		<ul style="list-style-type: none"> - EN 13100-1 <p>Brazed joints</p> <ul style="list-style-type: none"> - EN 12799 <p>Additional applicable standards</p> <ul style="list-style-type: none"> - ASME Sec. III - ASME Sec. V Art. 9, - Withdrawn standards

Abbreviation	Meaning
ASME	American Society of Mechanical Engineers
ASTM	American Society for Testing and Materials
EN	European Norm
ISO	International Organization for Standardization
MT	Magnet Particle Test
NDT	Non-destructive Testing
PT	Penetrant Test
SEP	Steel and iron test sheets
SN	Swiss Norm
TOFD	Time of Flight Diffraction
UT	Ultrasonic Testing
VT	Visual Testing

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