



SERVICE CATALOG

2022



QTI energy **S**



ABBREVIATIONS

MD – Machine Directive (2006/42/EC)

LVD – Low Voltage Directive (2014/35/EU)

RoHS – Restriction of the use of certain Hazardous Substances in electrical and electronic equipment Directive (2011/65/EU)

EMC – Electromagnetic Compatibility Directive (2014/30/EU)

ATEX – Equipment and protective systems intended for use in potentially explosive atmosphere (2014/34/EU)

EXPERT ENGAGEMENT

	STANDARD, LEGISLATION, GUIDANCE	DESCRIPTION
1.	ISO 62443-4 Security for industrial automation and control systems - 2-4 Security program requirements for IACS service providers (Security for industrial automation and control systems. Part 2-4: Security program requirements for IACS service providers)	<ul style="list-style-type: none"> • Safety of industrial automation and control systems • readiness assessment • risk assessment • gap analysis
2.	ISO 15408 Common Criteria	Counselling: <ul style="list-style-type: none"> • readiness assessment • risk assessment • gap analysis
3.	MD, LVD	<ul style="list-style-type: none"> • CE marking process • requirements • (sub)tasks
4.	MD harmonised standards	On-site standardisation or safety testing of industrial machinery (including robotic systems, AGV systems)
5.	HU employment protection legislation	Safety inspection (preliminary, periodic, unscheduled)

EDUCATION

	STANDARD, LEGISLATION, GUIDANCE	DESCRIPTION
6.	MD, LVD	CE marking of industrial machinery
7.	MD, LVD, EN ISO 10218-x, ISO/TS 15066	Technical specifications for industrial (co-)robotic systems (for CE marking)
8.	HU employment protection legislation	Machinery safety inspections (preliminary, periodic, unscheduled)

CERTIFICATION

	STANDARD, LEGISLATION, GUIDANCE	DESCRIPTION
9.	EN ISO 3834-2, -3, -4 Quality requirements for fusion welding of metallic materials (NAH)	Product certification: <ul style="list-style-type: none"> • Fusion welding of metallic materials
10.	ISO 15614-1, -2, -7, -11, -12, -13 Welding procedure test (NAH)	Product certification: <ul style="list-style-type: none"> • Welding procedures for metallic materials



	STANDARD, LEGISLATION, GUIDANCE	DESCRIPTION
11.	2014/68/EU Pressure equipment (PED), Modul A ÷ H (NoBo 2102)	Product certification - Full scope
12.	2014/68/EU - Annex I, 3.1.2 - Pressure equipment (PED) (NoBo 2102)	Product certification - PED, Approval of permanent joining procedures
13.	2014/68/EU - Annex I, 3.1.2 - Pressure equipment (PED) (NoBo 2102)	Personal certification - PED, Approval of permanent joining personnel
14.	2014/68/EU - Annex I, 3.1.3 - Pressure equipment (PED) (NoBo 2102)	Personal certification - Approval of non-destructive testing personnel
15.	2014/29/EU Simple pressure vessels (SPVD) - (NoBo 2102)	Product certification - Full scope
16.	EU No. 305/2011 Construction products (CPR) - (NoBo 2102)	Product certification: <ul style="list-style-type: none">• Structural metallic products and ancillaries



	STANDARD, LEGISLATION, GUIDANCE	DESCRIPTION
17.	ISO 9606-1 - Certification of permanent joining personnel - (NAH)	Certification of persons: <ul style="list-style-type: none">• Qualification testing of welders
18.	ISO 50001 - Energy Management certification	Energy Management System certification
19.	ISO 9001, ISO 14001, ISO 45001, ISO/IEC 27001, SCC/SCP, etc.	Non-Energy and Industry specific System certification

CYBERSECURITY EVALUATION

	STANDARD, LEGISLATION, GUIDANCE	DESCRIPTION
20.	ISO 15408 Common Criteria	Information security assessment up to EAL5 level
21.	METAS Based on Swiss methodology (Swissmig - Die Prüfmethodologie)	Smart measuring data security assessment



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