

Intertek RTL Level 2 ASTA Recognized Laboratory Scheme

Scope of Recognition

Agreement 2019-RTL-L2-319 Annex II Issue 1

SITES APPLICABLE TO THE RECOGNITION

Shenyang Transformer Institute Co., Ltd
Transformer Laboratory
No. 18 Hushitai South Street
Shenbei New Area
Shenyang
Liaoning
China

SCOPE OF RECOGNITION

High Voltage Transformers and Equipment

CONDITIONS APPLICABLE TO THE RECOGNITION

The Recognition applies to the testing of any manufacturer's apparatus within the conditions and requirements of Agreement No. 2019-RTL-L2-319. Recognition is also subject to the CNAS accreditation L0681 remaining valid for the above product types.

Intertek RTL Level 2

ASTA Recognized Laboratory Scheme

Scope of Recognition

Agreement 2019-RTL-L2-319 Annex II Issue 1

Section 1: High Voltage Power Transformers			
Product	Standard	Issue	Exclusions (clauses and tests)
Power transformers Part 1: General	IEC 60076-1	Edition 3.0 2011	
Power transformers Part 2: Temperature rise for liquid-immersed transformers	IEC 60076-2	Edition 3.0 2011	
Power transformers Part 3: Insulation levels, dielectric tests and external clearances in air	IEC 60076-3	Edition 3.1 2018 Edition 3.0 2013	
Power transformers Part 4: Guide to the lightning impulse and switching impulse testing Power transformers and reactors	IEC 60076-4	Edition 1.0 2002	
Power transformers Part 5: Ability to withstand short circuit	IEC 60076-5	Edition 3.0 2006	
Power transformers Part 6: Reactors	IEC 60076-6	Edition 1.0 2007	
Power transformers Part 7: Loading guide for mineral-oil immersed power transformers	IEC 60076-7	Edition 1.0 2007	
Power transformers Part 10: Determination of sound levels	IEC 60076-10	Edition 2.0 2016 Edition 1.0 2001	

Intertek

Intertek RTL Level 2

ASTA Recognized Laboratory Scheme

Scope of Recognition

Agreement 2019-RTL-L2-319 Annex II Issue 1

Section 1: High Voltage Power Transformers (continued)

Product	Standard	Issue	Exclusions (clauses and tests)
Power transformers Part 11: Dry-type transformers	IEC 60076-11	Edition 2.0 2018 Edition 1.0 2004	
Power transformers Part 12: Loading guide for dry-type power transformers	IEC 60076-12	Edition 1.0 2008	
Power transformers Part 13: Self protected liquid filled transformers	IEC 60076-13	Edition 1.0 2006	
Power transformers Part 16: Transformers for wind turbine applications	IEC/IEEE 60076-16	Edition 2.0 2018	

Section 2: High Voltage Transformers for Special Application

Product	Standard	Issue	Exclusions (clauses and tests)
Railway applications Traction transformers and inductors on board rolling stock	IEC 60310	Edition 4.0 2016	
Converter transformers Part 1: Transformers for industrial applications	IEC 61378-1	Edition 2.0 2011	
Converter transformers Part 2: Transformers for HVDC applications	IEC 61378-2	Edition 1.0 2001	

Intertek RTL Level 2

ASTA Recognized Laboratory Scheme

Scope of Recognition

Agreement 2019-RTL-L2-319 Annex II Issue 1

Section 3: High Voltage Instrument Transformers

Product	Standard	Issue	Exclusions (clauses and tests)
Instrument transformers Part 1: General requirements	IEC 61869-1	Edition 1.0 2007	
Instrument transformers Part 2: Additional requirements for current transformers	IEC 61869-2	Edition 1.0 2012	
Instrument transformers Part 3: Additional requirements for inductive transformers	IEC 61869-3	Edition 1.0 2011	
Instrument transformers Part 4: Additional requirements for combined transformers	IEC 61869-4	Edition 1.0 2013	
Instrument transformers Part 5: Additional requirements for capacitor voltage transformers	IEC 61869-5	Edition 1.0 2011	

Section 4: High Voltage Equipment

Product	Standard	Issue	Exclusions (clauses and tests)
High voltage switchgear and controlgear Part 202: High voltage / low voltage prefabricated substation	IEC 62271-202	Edition 2.0 2014	
Insulated bushings for alternating voltages above 1000V	IEC 60137	Edition 7.0 2017	