



INTERNATIONAL
ACCREDITATION
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CERTIFICATE OF ACCREDITATION

This is to attest that

VOLTAMP POWER SAOC

P.O.BOX :690, POSTAL CODE :322
SOHAR, OMAN

Testing Laboratory TL-640

has met the requirements of AC89, *IAS Accreditation Criteria for Testing Laboratories*, and has demonstrated compliance with ISO/IEC Standard 17025:2017, *General requirements for the competence of testing and calibration laboratories*. This organization is accredited to provide the services specified in the scope of accreditation.

Effective Date March 18, 2025



International Accreditation Service
Issued under the authority of IAS management

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SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. | www.iasonline.org

VOLTAMP POWER SAOC

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Accredited to ISO/IEC 17025:2017

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Electrical	
IEC 60076-1	Power Transformer Part 1 : General Clause 11.1.2.2 Additional routine tests for transformer with Um > 72.5 kV Inclusion a) Determination of capacitance windings-to-earth and between windings b) Measurement of d.c. insulation resistance between each winding to earth and between windings c) Measurement of dissipation factor (Tan δ) of the insulation system capacitances. e) Measurement of no-load loss and current at 90% and 110% of rated voltage
IEC 60076-1	Power Transformer Part 1 : General Clause 11.1.3 d) – Measurement of the power taken by the fan and oil pump motors
IEC 60076-1	Power Transformer Part 1 : General Clause 11.2: Measurement of winding resistance
IEC 60076-1	Power Transformer Part 1 : General Clause 11.3: Measurement of voltage ratio and check of phase displacement
IEC 60076-1	Power Transformer Part 1 : General Clause 11.4: Measurement of short-circuit impedance and load loss
IEC 60076-1	Power Transformer Part 1 : General Clause 11.5: Measurement of no-load loss and current
IEC 60076-1	Power Transformer Part 1 : General Clause 11.6: Measurement of zero-sequence impedance(s) on three-phase transformers
IEC 60076-1	Power Transformer Part 1 : General Clause 11.7: Test on on-load tap-charger – Operation test
IEC 60076-1	Power Transformer Part 1 : General Clause 11.12: Check of core and frame insulation
IEC 60076-2	Power Transformer Part 2: Temperature rise for liquid-immersed transformers (ONAN and ONAF)
IEC 60076-3	Power Transformers – Part 3: Insulation levels, dielectric tests and external clearance in air Clause 10: Applied Voltage Test (AV)
IEC 60076-3	Power Transformers –



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	Part 3: Insulation levels, dielectric tests and external clearance in air Clause 11.3: Induced voltage test with partial discharge measurement (IVPD)]
IEC 60076-3	Power Transformers – Part 3: Insulation levels, dielectric tests and external clearance in air Clause 12: Line terminal AC withstand test (LTAC)
IEC 60076-3	Power Transformers – Part 3: Insulation levels, dielectric tests and external clearance in air Clause 13.2: Full wave lightning impulse test (LI)
IEC 60076-3	Power Transformers – Part 3: Insulation levels, dielectric tests and external clearance in air Clause 13.3: Chopped wave lightning impulse (LIC)
IEC 60076-10	Power Transformers – Part 10: Determination of sound levels
IEC 60076-18	Power Transformers – Part 18: Measurement of frequency response Inclusion Clause 4.4.3 – Star-and auto-connected windings with a neutral terminal Cause 4.4.4 – Delta windings and other windings without an accessible neutral Clause 4.4.6 – Two-winding three phase transformer

