

# ASTA CERTIFICATE OF TYPE TESTS

**Project No:** G104489401    **Certificate No:** ASTA-TYPE-000790

**Applicant:** Elsewedy Transformers, 10<sup>th</sup> of Ramadan City Zone A4, Egypt.

**Apparatus:** Three-phase, 50Hz, ONAN, Category 1, Dyn11, oil immersed transformers fitted with a manually operated tap-changer:

1. 100 KVA, 11± 2x2.5% / 0.415kV ( $U_r$ ), LI/AV: 75 kVp / 28 kV, - /3 kV
2. 500 KVA, 11± 2x2.5% / 0.415kV ( $U_r$ ), LI/AV: 75 kVp / 28 kV, - /3 kV
3. 1250 KVA, 11± 2x2.5% / 0.415kV ( $U_r$ ), LI/AV: 75 kVp / 28 kV, - /3 kV
4. 630 KVA, 22± 2x2.5% / 0.415kV ( $U_r$ ), LI/AV: 125 kVp / 50 kV, - /3 kV
5. 1250 KVA, 22± 2x2.5% / 0.415kV ( $U_r$ ), LI/AV: 125 kVp / 50 kV, - /3 kV

Each transformer has 5 taps and the principal tap was nominated by the manufacturer as tap 3.

**Manufactured By:** Elsewedy Transformers, 10<sup>th</sup> of Ramadan City Zone A4, Egypt.

**Test Report No:** 1112004-3/01 to 05

**Designation:** SWD 100/11, SWD 500/11, SWD 1250/11, SWD 1250/22 and SWD 630/22

The apparatus which is representative of the designation, supplied drawings and photographs has been evaluated in accordance with:

IEC 60076-1: Edition 3.0 2011-04 Clauses 11.2, 11.4, 11.5 and 11.1.3 e)

IEC 60076-2: Edition 3.0 2011-02 Clause 7

IEC 60076-3: Edition 3.1 2018-03 Clauses 10, 11.2 and 13.2

IEC 60076-10: Edition 2.0 2016-03 Clause 11

and the STL Guide to IEC 60076, Issue 6.0, 1<sup>st</sup> June 2019, where applicable.

The results are shown in the record of tests attached hereto. The values obtained and the general performance is considered to comply with the above Standard(s) and to justify the ratings assigned by the manufacturer as stated on the ratings page(s) of this Certificate. This Certificate applies only to the apparatus tested. Responsibility for conformity of any apparatus having the same or other designations rests with the Manufacturer.



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*C. Nick-Sons*  
*[Signature]*

Certification Engineer

Certification Officer

1st June 2021

Date