

# KEMA TYPE TEST CERTIFICATE OF COMPLETE TYPE TESTS

<b>Object</b>	A three-phase oil-immersed distribution transformer with off-load tap changer	<b>2306-21</b>
<b>Type</b>	TMG-100/6-U1	<b>Serial No.</b> 767
Rated power	100 kVA	
Rated voltage	6 kV $\pm$ 2 x 2,5% / 400 V	
Connection symbol	Yyn0	
Rated frequency	50 Hz	
<b>Manufacturer</b>	JSC "Chirchik Transformer Plant" Electromashinostroiteley sq., 1 Chirchik City, Uzbekistan *)	
<b>Client</b>	JSC "Chirchik Transformer Plant" Electromashinostroiteley sq., 1 Chirchik City, Uzbekistan	
<b>Tested by</b>	KEMA B.V., Klingelbeekseweg 195, Arnhem, The Netherlands	
<b>Date of tests</b>	9, 13 to 17 and 22 September 2021	

The object, constructed in accordance with the description, drawings and photographs incorporated in this Certificate, has been subjected to the series of proving tests in accordance with the complete type test requirements of

**IEC 60076-1:2011, IEC 60076-2:2011, IEC 60076-3:2013, +A1:2018, IEC 60076-5:2006, IEC 60076-10:2016**

This Certificate has been issued by KEMA Labs following exclusively the STL Guides and Procedures.

The results are shown in the record of proving tests and the oscillograms attached hereto. The values obtained and the general performance are considered to comply with the above standard(s) and to justify the ratings assigned by the manufacturer as listed on page 6.

This Certificate applies only to the object tested. The responsibility for conformity of any object having the same type references as that tested rests with the Manufacturer.

\*) as declared by the manufacturer

This Certificate consists of 59 pages in total.

KEMA B.V.



Shankar Subramany  
Director, High-Power  
Laboratory

Arnhem, 27 October 2021