

Type test Certificate of short-circuit performance

Tusco Trafo Co., Ltd.

Samutprakarn, Thailand

has successfully passed the type test sequence on a

power transformer

Type: VBH-15-63-0

Rating: 50 MVA – 115 (+/- 8 * 1,25%) kV / 23,1 kV – Dyn1 – 50 Hz

The test object passed the specification of test duties of

IEC 60076-5

The test results are recorded in Certificate No.

TDT 2192-10

This Certificate is issued on 9 March 2011.

KEMA Nederland B.V.



P.G.A. Bus
KEMA T&D Testing Services
Managing Director



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Please note that this document has been issued for information purposes only, and that the original bound and sealed paper copy of the Certificate including the results of the tests of the apparatus will prevail. This document does not imply that KEMA has certified or approved any apparatus other than the specimen tested.

TYPE TEST CERTIFICATE OF SHORT-CIRCUIT PERFORMANCE

APPARATUS	A three-phase oil-immersed power transformer		
DESIGNATION	50 MVA	SERIAL No.	525003
	Rated power	50 MVA	
	Rated voltage	115 (+/- 8 * 1,25%) kV / 23,1 kV	
	Connection symbol	Dyn1	
	Rated frequency	50 Hz	
MANUFACTURER	Tusco Trafo Co., Ltd., Samutprakarn, Thailand		
TESTED FOR	Tusco Trafo Co., Ltd., Samutprakarn, Thailand		
TESTED BY	KEMA HIGH-POWER LABORATORY and HIGH-VOLTAGE LABORATORY Utrechtseweg 310 - 6812 AR Arnhem - The Netherlands		
DATE(S) OF TESTS	12 June 2010		

The apparatus, 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

IEC 60076-5

This Type Test Certificate has been issued by KEMA following exclusively the STL Guides.

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 with respect to the dynamic ability to withstand short-circuits.

This Certificate applies only to the apparatus tested. The responsibility for conformity of any apparatus having the same designations with that tested rests with the Manufacturer.

This Certificate consists of 153 sheets in total.

This Certificate falls under the scope of the accreditation certificates L 020 and L 218 of the Dutch Council for Accreditation. See information sheet (page 2).

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P. G. A. Bus
KEMA T&D Testing Services
Managing Director

Arnhem, 9 March 2011