

Scope of Accreditation for Testing
Certificate No. 14T011/0093

Laboratory Name : Ekarat Engineering Public Company Limited
 Address : 190/1 Moo 6, Bangpakong-Chachoengsao Road, Thasa-an, Bangpakong, Chachoengsao
 Accreditation No. : TESTING 0141
 Laboratory Status Permanent Site Temporary Mobile

Field of Tested	Specific Test	Test Method
Electrical field 1. Power transformers : Oil-immersed type transformers - 3 phase transformers with rated power 5 kVA to 2500 kVA, rated voltage up to and including 33 kV - 1 phase transformers with rated power 1 kVA to 100 kVA, rated voltage up to and including 24 kV	<ul style="list-style-type: none"> - Winding resistance - Voltage ratio and check of phase displacement - Short-circuit impedance and load loss Test current less than 100 A - No-load loss and current Test voltage less than 500 V - Separate source AC withstanding voltage test Test current ≥ 10 kV - Induced AC voltage test - Induced AC voltage test ● Short-duration induce AC withstanding voltage test - Insulation resistance test 	<ul style="list-style-type: none"> - TIS 384-2543 (2000) - IEC 60076-1:2011 - TIS 384-2543 (2000) - IEC 60076-3:2000 - TIS 384-2543 (2000) - IEC 60076-3:2000 - IEEE C57.12.90:2010

Issue Date: 3 March B.E. 2557 (2014)

Signature

(Urit Srinongkote)

Secretary-General

Thai Industrial Standards Institute

Issue No. 5

Page 1/1

Issue Date : 15 October B.E. 2547 (2004)

Ministry of Industry, Thai Industrial Standards Institute

Translation Note: In the event of doubt or misunderstanding, the original in Thai shall be the authoritative.