

Laboratory	Capacitor Testing Laboratory, ABB India Limited, Plot Nos. 4A, 5&6, II Phase, Peenya Industrial Area, Bangalore, Karnataka		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Electrical Testing	Issue Date	19.05.2016
Certificate Number	T-2947	Valid Until	18.05.2018
Last Amended on	-	Page	1 of 2

S. No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
I.	POWER CAPACITORS			
1.	Shunt Capacitor Surge Protection Capacitors Series Capacitors	Capacitance measurement test at room temperature	IS 13925 (Part 1): 2012 IEC 60871 (Part 1): 2014 IEC 60143: 2015 IEEE 18: 2012	0.03 μ F to 200 μ F
		Test of efficacy of discharge device (Resistance Measurement)	IS 13925 (Part 1): 2012 IEC 60871 (Part 1): 2014 IEC 60143: 2015 IEEE 18: 2012	0.2 M Ω to 1000 M Ω
		Voltage Test between terminal and Container / Power Frequency Withstand Test	IS 13925 (Part 1): 2012 IEC 60871 (Part 1): 2014 IEC 60143: 2015 IEEE 18: 2012	Upto 100 kV AC
		Voltage Test between terminals / Dielectric Strength test / AC or DC withstand Test	IS 13925 (Part 1): 2012 IEC 60871 (Part 1): 2014 IEC 60143: 2015 IEEE 18: 2012	Upto 100 kV DC
		Dielectric loss angle measurement at room temperature	IS 13925 (Part 1): 2012 IEC 60871 (Part 1): 2014 IEC 60143: 2015 IEEE 18: 2012	0.1 to 1.0
		Sealing Test	IS 13925 (Part 1): 2012 IEC 60871 (Part 1): 2014 IEC 60143: 2015 IEEE 18: 2012 IEEE 18: 2012	35 $^{\circ}$ C to 200 $^{\circ}$ C

