

**Electric Power Industry Quality Inspection & Test Center
Of Electric Power Equipment and Instruments**

Test Report Amendment

Test Report No.: G2012146E, Dated: 11-Dec-2012

Amendment No.: – 1, Dated: 19-Feb-2013

Product: 765KV Double 'I' Suspension Insulator String – U120/145

Manufacturer: Insulator: Shandong Ruitai Glass Insulator Co., Ltd., China
Hardware Fittings: M/s IAC Electricals, Kolkata, India

Ratifier: Cai Qingyou, Director

Tested By: i) Yu Jiahuan, Engineer, ii) Zhang Xuejun, Engineer

Reported By: Yu Jiahuan, Engineer

Approved By: Li Qingfeng, Vice Director

Witnessed By: Mr. Shen Aiqiang, Shandong Ruitai,
Mr. Kemparaju, IAC Electricals, Kolkata

THE AMENDMENT TO THE REPORTS ARE AS FOLLOWS.

Clause No. 2.9: Vibration Test

Page No.: 9, Line No. 4: “(each tensioned at 30KN respectively) must be read as “(each tensioned at 39KN respectively)”

Page No.: 9, Line No. 7: “The six sub-conductors shall be vertically vibrated...” must be read as “The Four Sub-Conductors shall be vertically vibrated....”

Clause No. 3.9: Vibration Test, “Table 13: The Result of Mechanical Failing Load Test.”

Page No.: 16, Table 13, Test Result: " $R + 3S = 160 + 3 \times 3.76 = 171.3 \text{ KN}$ ", must be read as " $R + 3S = 120 + 3 \times 3.76 = 131.3$ "

Page No.: 16, Table 13, Specified Value: "160KN" must be read as "120KN"

Clause No. 3.9: Page # 17, Table – 14: Test Results must please be read as below.

Test Results	<p>Test waveforms were observed and the wave amplitude and the wave front time were recorded in each impulse. Voltage gradient of each impulse was greater than $2500 \text{ kV}/\mu\text{S}$. No puncture on any insulator was found during Impulse Over voltage Puncture Withstand test.</p> <p>Further, all the three power frequency flashover values on all the insulators after the Impulse Over voltage Puncture Withstand test were greater than 80 % of specified power frequency voltage flashover value of the insulator and arithmetic mean of these three power frequency flashover value of all the insulators was not less than 95 % of specified power frequency voltage flashover value of the insulator.</p>
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All the other data in the original test report # G2012146E remain same and valid.

Ratifier (Name & Designation): Cai Qingyou, Director:

