

STRI Project  
No. 81437Report No.  
T10-1932Page  
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Title of the report	<b>Dielectric tests on one single Y-suspension insulator string consisting of 2 x 67 units and one triple tension insulator string consisting of 3 x 64 units of 420 kN HVDC disc insulators with suitable hardware</b>
Customer	Sediver, 46, Avenue de Thiers, F-03270, SAINT-YORRE, France
Contract	CONTRACT C-61914-L079-7/G-10/CA-I/3172 dated 18.12.2009 Insulator Package – I5 for Supply of 420 kN DC Antifog disc Insulators for Gorakhpur - Agra section of $\pm$ 800 kV HVDC Bipole Biswanath Chariyali – Agra Transmission Line associated with North Eastern – Northern/Western Interconnector-I Project
Test objects	One $\pm$ 800 kV single Y-suspension string consisting of 2 x 67 units of 420 kN HVDC disc insulators (ref drawing no. N° ENG 68818 Rev. 0) and hardware fittings (ref drawing no. (ASBESCO) ASS-910'Y' Rev. 2) suitable for six bundle Lapwing conductor One $\pm$ 800 kV triple tension string consisting of 3 x 64 units of 420 kN HVDC disc insulators (ref drawing no. N° ENG 68818 Rev. 0) and hardware fittings (ref drawing no. (ASBESCO) ATT-916 Rev. 3) suitable for six bundle Lapwing conductor
Test period	06 - 14 June 2010
Tests	Radio interference voltage test (RIV), level +880 kV <sub>dc</sub> DC corona test, level +880 kV <sub>dc</sub>
Standards	IEC 60060-1, 1989; IEC 60437, 1997
Test result	The single Y-suspension string consisting of 2 x 67 and triple tension insulator string consisting of 3 x 64 units of 420 kN HVDC disc insulators passed the required test.
Scope of accreditation	See clause 2 in this report.
Inspectors	The tests were witnessed by: Mr. Serge Tartier, Sediver, France Mr. Sandip Das, Asbesco, India Mr. Aditya Bagree, Asbesco, India
Ludvika 8 September 2010	

STRI AB  
Testing
  
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