



STUDY COMMITTEE B2

Terms of reference of Working Group B2.49

Working Group Title: SAFE DESIGN TENSIONS FOR CONDUCTORS FITTED WITH ELASTOMER CUSHIONED SUSPENSION UNITS	
Convenor: Andre Leblond (Canada)	Secretary:
Terms of reference: SCB2 Strategic Plan 2008 – 2017, Strategic Item 3 ` Increase of Reliability and Availability of OHL ’ The key needs of the Target Groups have been identified by AG-06 of SCB2 as the following: - This group will look at the influence on fatigue characteristics and safe design tensions for conductors installed using elastomer cushioned suspension clamps with and without helical rods. Such fittings are widely used but information on their application is limited. Following the TB273 `Overhead Conductor Safe Design Tension with respect to Aeolian Vibration ’, similar recommendations will be developed for conductors with elastomer cushioned suspension clamps with and without helical rods. Specific Actions to meet the key needs are: Produce a Technical Brochure by the Paris 2014 meeting. Produce a Tutorial in 2015. Major Links with other Groups <ul style="list-style-type: none">▶ SCs :- None▶ WGs :▶ IEEE: - WG on Overhead Conductors▶ IEC :- TC11 – MT1 & WG09	
Approval by Technical Committee Chairman: Klaus Fröhlich Date: 15/12/2010	