



Contribution ID: 8

Type: **not specified**

Minimum requirements for 13 kA splices

Monday 25 January 2010 17:25 (25 minutes)

I will first show the validation of the simulations, based on experimental data from three RQ joint samples, tested in FRESCA in the previous months, and containing different stabilizer defects.

Then I will present updated plots for the simulated safe machine current versus joint defect size, both for the RB and RQ circuits, focusing on 7 TeV operation. Finally I will discuss if qualification of the splices by means of an electrical measurement at room temperature is sufficient to predict its performance at cold.

Presenter: VERWEIJ, Arjan

Session Classification: Session 2 –Magnets and splices consolidation shutdown 2010/2011