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Training the dipoles

Monday 2 February 2009 10:00 (20 minutes)

During the hardware commissioning in 2008 more than 30 training quenches were performed in the main dipole circuits in sectors 45, 56, and 78. An overview of these quenches will be given, and the quench levels will be compared to the training observed in SM-18. Quench propagation to adjacent dipoles will be discussed, and an estimate will be given of the total number of training quenches required to reach 6, 6.5, and 7 TeV in all 8 sectors.

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