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## Magnet Quenches with Beam

*Thursday 26 January 2006 15:10 (15 minutes)*

The motivation for quenching magnets during the sector test is revisited and presently assumed quench limits recalled. Which magnet (s) are planned to be used and the associated BLM layout and local aperture layout are detailed.

The required beam intensity/emittance/angle to reach the quench limit in the coil is estimated and how this is to be achieved by steering beam into aperture.

The current knowledge from simulations is reviewed. Requirements from further simulations, extra instruments, controls, applications and logging are briefly enumerated.

**Primary author:** KOSCHIK, Alexander (AB/ABP)

**Presenter:** KOSCHIK, Alexander (AB/ABP)

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