

Injection/extraction losses

Wednesday, 8 December 2010 17:00 (30 minutes)

Single pass losses at injection into LHC and extraction to the beam dump are distinguished regarding their origin. Potential mitigations as increasing the opening of the injection protection devices or temporarily blinding the BLM system at injection are discussed.

The limits for injecting higher intensities in 2011 due to losses above BLM thresholds together with the risk for quenching magnets or damaging devices are extrapolated from observed loss levels in 2010 operation.

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Session Classification: Session 5: Beam losses