

LHC Beam vacuum dump windows upgrade (10' + 5')

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An overview of the existing LHC beam dump vacuum window is presented, and its main limitations are discussed. The new design is then introduced and its compatibility with the HL-LHC beam parameters is analysed. Improvement in reliability, operation flexibility, spare strategy and possible replacement scenario during operation run will also be detailed. Finally, the status of the installation carried out during the YETS 21-22 is going to be presented.

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