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INSTALLATION OF LHC COLD BOXES: STATUS

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The 13 new cold boxes, 5 distribution feed boxes QUI and 8 cryogenic refrigerators QURC necessary to feed LHC with helium, have been installed in the LHC underground areas between May 2003 and June 2005.

This paper describes the work over these two years and in particular the design and construction of handling equipment tools, the worksite activities, the operation and finally the dismantling of the handling equipment.

The two most complex and spectacular operations are also presented with particular attention to the installation of the QURC US25 that has recently been carried out.

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