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# Vacuum Conditions Required

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Several years will be required to reach the LHC nominal performances. During the year 1 and 2, the LHC beam current will be limited, therefore the nominal performances of the vacuum system are not required. In this context, the vacuum performances for year 1 and 2 will be analysed. Particularly, the bake-out of the Long Straight Sections could be questioned. The implications of an unbaked vacuum system onto the resources, the installation schedule, the beam life time, the quench level, the dissipated power into the cold masses and the radiation dose onto the machine elements will be discussed.

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