Forward Region Resistive Plate Chambers for the CMS/LHC Experiment

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The design and mass production status of the Forward Resistive Plate Chambers(FRPCs) for the CMS/LHC experiments are reported in this paper. During the last four years many real size prototype RPCs have been manufactured and tested in Gamma Irradiation Facility (GIF) at CERN to optimize the design of the FRPCs which operate under the environment of high radiational backgrounds at the Forward Region of the CMS detector. Facilities and tools have been prepared for the production of gas gaps and the assembly of the RPCs located at highest 4 η regions.