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The Fermilab Test Beam Facility

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The Fermilab Test Beam Facility is a world class facility for testing and characterizing particle detectors. The facility has been in operation since 2005 and has undergone significant upgrades in the last three years. A second beam line with cryogenic support has been added, the process for getting beam has been streamlined, and the facility has adopted a unified data acquisition system. With two operational beam lines, the facility can deliver a variety of particle types and momenta ranging from 120 GeV protons in the primary beam line down to 200 MeV particles in the tertiary beam line. In addition, recent work has focused on analyzing the beam structure to provide users with information about the beam they are using. With these improvements, the Fermilab Test Beam facility is one of the most versatile test beams in the world, capable of supporting High Energy physics applications as well as industry users.

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