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Power supplies systems for testing and certification of superconducting magnets for accelerator complexes NICA and FAIR

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Assembling, testing, investigating and certification of superconducting magnets for accelerator complexes NICA (Nuclotron - based Ion Collider fAcility) and FAIR (Facility for Antiproton and Ion Research) are managed by Superconducting Magnets Department at Joint Institute for Nuclear Research. Different types of power supplies are applied for feeding the superconducting magnets during the tests. A power supply area for this purpose was commissioned. Equipment and technical decisions for the power supply area are described in this work.

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