

Linac and Booster Synchrotron for SPring-8 Injector, H. YOKOMIZO and INJECTOR GROUP, JAERI-RIKEN SPring-8 Project Team - The SPring-8 injector system composed of a 1 GeV linac and a 8 GeV booster synchrotron is under construction on schedule. The performances of the linac preinjector were proved to satisfy the requirements. Many components were fabricated and tested their performances. Construction of the injector building was completed in April 1995, and installation of the accelerators was started from May 1995. This paper presents the status of the SPring-8 injector system and describes performances of the main devices such as 80 MW klystrons and their modulators, accelerator columns, beam monitors for the linac and magnets and their power supplies, RF system, injection and extraction pulse magnets for the synchrotron.