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## **Cryogenic System Preparation for the Test of Superconducting Cavities and Cryomodules**

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The Rare Isotope Science Project (RISP) is building the RAON, which is a heavy ion accelerator. The cryogenic system of the SRF (Superconducting Radio Frequency) test facility is designed to perform the test of superconducting cavities and cryomodules. The test benches consist of the vertical cryostats for the cavity test and the cryomodule test benches. The cryogenic system supplies 4.5 K supercritical helium and 4.5 K liquid helium for superconducting cavities, as well as gas helium between 80 K and 300 K. This paper presents our current design status of the cryogenic system. The flow scheme, the overall layout and acceptance test procedures were considered for the design. The engineering design of cryogenic system is currently ongoing and will be fabricated soon.

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