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## **Preliminary Oxygen Ion Beam Acceleration Test for the RISP Injector**

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Injector beam test facility at Rare Isotope Science Project (RISP) was prepared to test ion beam acceleration before installation of the accelerating instruments at accelerator tunnel. The facility consists of an electron cyclotron resonance ion source (ECRIS), a low energy beam transport (LEBT), a radio-frequency quadrupole (RFQ), and a medium energy beam transport (MEBT). The initial tests of ECRIS beam extraction and RFQ beam acceleration was performed. The reference particle of the beam test was oxygen ions with the kinetic energy of 10 keV/u at ECRIS exit and RFQ entrance. After RFQ the oxygen beam was successfully accelerated to around 500keV/u. Preliminary test results of the ion beam will be presented during this conference.

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