Towards standardization of I_c measurements for REBCO conductor

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To standardize transport critical current (I_c) measurement method for (RE)$Ba_2Cu_3O_7$ (REBCO; RE=rare earth) conductors, IEC-TC90 and VAMAS-TWA16 is planning to perform the international round robin test (RRT). In the test, participants will be requested to measure I_c of REBCO conductors at 77.3 K (liquid nitrogen bath) without external magnetic field. To evaluate uncertainty due to cryogen temperature, participants will be requested to measure temperature of the specimen. The guideline of the RRT is introduced. Type-B uncertainty will be discussed.