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High pressure gas regulation for SRF cavity fabrication in Japan

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One of the critical issues to fabricate ILC-type cryomodule is compliance with the high pressure gas regulation (HPGR) in Japan. Currently most of our effort against HPGR is devoted for the Nb SRF cavity fabrication. Pre-assessment application form is under preparation, which is based on the results of mechanical tests of material and stress calculation of the cavity. Our strategy against HPGR and some of typical topics will be presented.

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