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Conformity approach for Pressure Equipment for the High Luminosity LHC Project

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CERN as an intergovernmental organisation establishes its own safety rules as required for its proper functioning. In the domain of pressure equipment, including for cryogenic service, the baseline approach within the CERN Safety Rules is full conformity with the European Pressure Equipment Directive (PED), including the appropriate involvement of a notified body, together with CE marking.

However, due to the nature of some of the equipment used within CERN's facilities, as well as international collaborations with in-kind contributions from non-EU countries, full compliance with the PED may not always be readily achievable. This situation is foreseen in the CERN Safety Rules, and CERN's Occupational Health & Safety and Environmental Protection Unit will then define the safety requirements applicable to such equipment, as well as any eventual additional compensatory measures, to ensure a commensurate level of safety as that which full compliance to the PED intends.

For the High Luminosity LHC Project, an approach has been agreed for certain specific equipment items whereby the Occupational Health & Safety and Environmental Protection Unit will assume the equivalent responsibility and authority as a notified body in defining and assessing the conformity of the equipment to the applicable safety requirements. This approach will be presented here.

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