

INFORMATION

**ASME Code Case 2891
for Division 2 Class 1 Pressure Vessels**

Code Case 2891, “Issuing a Certificate of Authorization with U2 Designator for Class 1 Pressure Vessels to a Certificate Holder with U Designator Without a Joint Review Section VIII Div. 2” has been issued by ASME.

This code case allows an Applicant (Certificate Holder) holding a valid 'U' Certificate of Authorization, for one of the 'U' eligible scopes listed in Table 1 of [BPV-FRM-11](#), to apply for a 'U2' Certificate of Authorization limited to the construction of Class 1 pressure vessels under Section VIII, Div. 2, without an ASME Joint Review.

The Applicant (Certificate Holder) must hold a valid 'U' Certificate of Authorization issued before December 31, 2017. A Certificate of Authorization with U2 designator issued under this Code Case will expire at the same time as the current Certificate of Authorization with U designator. For example, this means the 'U' Certificate of Authorization renewal was completed on December 31, 2017 the Certificate of Authorization with U2 designator would be valid for almost 3 years. If the 'U' Certificate of Authorization expiry is December 31, 2018 the Certificate of Authorization with U2 designator would only be valid for less than 1 year. No renewals will be permitted for the Certificate of Authorization with U2 designator under the Code Case. Renewals would occur at the time of the next joint review.

Alberta-based Certificate Holders that wish to obtain authorization to construct Section VIII Div.2 Class 1 pressure vessels in accordance with Code Case 2891 must:

1. Obtain and review Code Case 2891.
2. Submit completed form [BPV-FRM-11](#) and fee to ASME to confirm eligibility.
3. Once ASME has confirmed eligibility and accepted the Certificate Holders application the AQP holder must submit a completed AB-29 to revise the scope to their Alberta Certificate of Authorization Permit. Section VIII Div. 2 can be checked off with class 1 indicated in 'Others' section of the AB-29.
4. Prepare draft revisions to the quality manual and quality system using [BPV-GUI-10](#).
5. Submit the draft manual and completed checklist BPV-GUI-10 to the ABSA authorized inspector supervisor (AIS).
6. Once the quality manual has been accepted by the AIA the audit to be conducted by the AIS can be scheduled.
7. The implementation can be demonstrated on an actual Div. 2 Class 1 vessel or on a mock up to the 2017 Edition of Section VIII Div. 2 to demonstrate sufficient administrative and fabrication functions of the quality control system confirming knowledge and the ability to produce Code items that meet the requirements of Section VIII Div.2 Class 1 pressure vessels.

TYPE: INFORMATION	DESCRIPTION: ASME Code Case 2891 for Division 2 Class 1 Pressure Vessels	REGULATION: PESR
-------------------	--	------------------

8. Following the audit, the AIS will provide a copy of the audit report BPV-FRM-12 to ASME and the certificate holder.
9. A revised Alberta certificate of authorization permit will be issued following issuance of the ASME U2 certificate. The expiry date will coincide with the ASME 'U' Certificate of Authorization expiry date.

ASME Conformity Assessment has prepared the necessary forms and guidance documents to implement this Code Case. The Forms and Guidance documents are as follows:

BPV-FRM-11: Issuance of 'U2 Class 1' Certificate to 'U' Certificate Holder(s) Without a Joint Review per SECTION VIII, DIV. 2 Code Case 2891. This U2 Class 1 Application Package for Code Case 2891 describes, 'U' eligibility requirements, AIS involvement regarding auditing and reporting of the revised quality system, eligible U2 scopes, and the application form. This form is to be completed by the 'U' Certificate Holder.

BPV-GUI-10: U2 Class 1 Guidance Document For Changes to 'U' Certificate Holder's Quality Control Manual when adding Construction of Section VIII, Div. 2 Class 1 Pressure Vessels in accordance with Section VIII, Div. 2 under Code Case 2891. This document includes a Quality System checklist guide to be utilized by the 'U' Certificate Holder for revisions to the QC Manual. The completed checklist must be submitted to the AIA prior to the Audit, and shall be used by the AIS during the QC manual review.

BPV-GUI-11: U2 Class 1 AIA Guidance Document for Conducting the Audit. This document provides guidance to the AIAs concerning the purpose of the Audit Review, and what is expected in terms of QC Manual review and QC System Implementation and Demonstration review.

BPV-FRM-12: U2 Class 1 AIA Audit Report Form. Audit Report Form is to be completed by AIAs which includes results of the QC manual review, demonstration implementation information, and the AIS recommendation. The completed Audit Report Form is submitted to ASME for the Audit performed under the provisions of Code Case 2891.

For additional information regarding implementation of this Code Case in Alberta, please contact your Authorized Inspector Supervisor:

Blair Ionel – ionel@absa.ca
Frank Zheng – zheng@absa.ca

<Original signed by>

Mike Poehlmann, P.L. (Eng.)
Administrator, Province of Alberta Pressure Equipment Safety
Chief Inspector, ABSA the pressure equipment safety authority

TYPE: INFORMATION	DESCRIPTION: ASME Code Case 2891 for Division 2 Class 1 Pressure Vessels	REGULATION: PESR
-------------------	--	------------------