

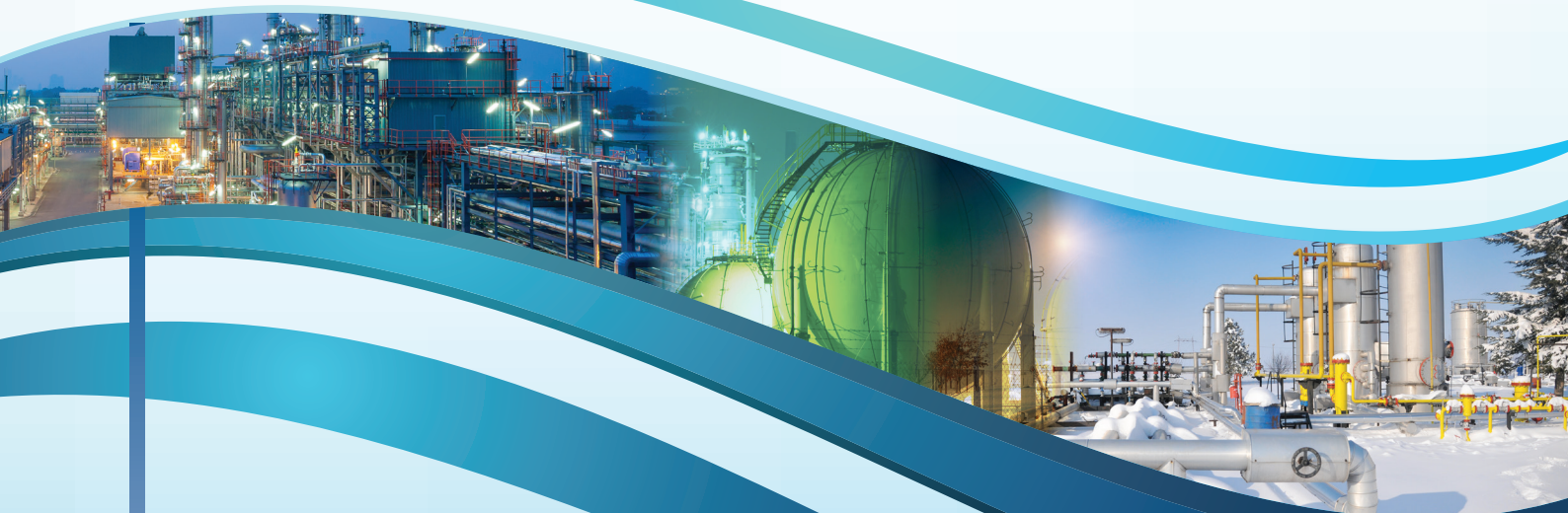
Edition 2015

CODAP

Division 1

Revision 2018

*Code for Construction of
Unfired Pressure Vessels*



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SNCT
PUBLICATIONS

CODAP Division 1: 2015

Revision 2018

Code for Construction of Unfired Pressure Vessels

General

This part defines the scope and application of the code according to the applicable regulations, the general principles on which the rules and conditions precedent to their application are based and the concept of construction category.

Design and Calculations

The requirements of this part allow, after detailed inventory of mechanical and thermal loadings to which the equipment will be subjected, to select the geometries, to design joints and to determine the thicknesses and dimensions to prevent ruin following the different modes of failure of the equipment covered by the code.

Fabrication

The requirements of this part relate to the provisions for the operations of cutting, forming, joining, welding, rolling expansion, thermal treatments, etc. whose observation makes it possible to obtain the characteristics provided for the base material and the joints in the conditions of use of the equipment, as well as respect for the dimensions provided.

Testing – Proof Tests - Inspection

This part concerns the operations to be carried out to check that all the requirements of the code have been well observed and therefore the quality of the equipment ensures the expected operational safety.

Revision 2018

- Annexes on the implementation of controls have been revised to take into account technological and normative developments and requests from Code users:
 - ▶ Annex CEA2 : Visual examination
 - ▶ Annex CEA3 : Liquid Penetrant testing
 - ▶ Annex CEA4 : Magnetic particle testing
 - ▶ Annex CEA5 : Radiographic testing
 - ▶ Annex CEA6 : Examination by computed radiography using photostimulable phosphor plates (IP)
 - ▶ Annex CEA7 : Ultrasonic testing

CTM Materials + Revision 2016

New book that brings together the requirements applicable to materials for design and the fabrication of pressure equipment within the meaning of the PE Directive.

The Materials parts of CODAP Divisions 1 & 2 - CODETI Division 1 – COVAP Divisions 1 & 2 have been arranged and included in this book to create a consistent whole that facilitates the use of codes for construction.

This book will be available free for any subscription to the CODAP 2015

Testing – Proof Tests - Inspection

This part concerns the operations to be carried out to check that all the requirements of the code have been well observed and therefore the quality of the equipment ensures the expected operational safety.

Annexes CEA8 (TOFD) and CEA9 (Phased-array UT) will be modified for the next revision of CODAP.

- Addition of a design rule for openings in the knuckle radius of ends.
- Consideration of requests for changes to the code by CODAP users (Part C, Part F and Part CE).

A list of changes subject to revision 2018 is available at the beginning of the code when you have subscribed.

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