

API Ballot id# 5368
SC5 TGLP

Work Item	4249
Work Item Title	Annex O Marking Requirements
Type of Distribution [Voting and Comment, Comment-only, Comment Resolution (recirculation), Re-ballot, Re-Re-ballot, etc.]	Initial Ballot for Voting and Commenting
API Document Modified	5L 46 th Edition
Impacted Documents	None
Revision Key	Current API document in black, Deletions appear as red strikethrough , Additions appear as <u>blue-underlined</u> .

Work Item Charge: Clarification and avoidance of duplication in the Marking.

There is a discrepancy between the API Monogram marking requirements in Clauses O.1.2 and O.1.3.1 and the examples in Clause O.1.3 through O.1.5. The consequence of not initiating the proposed action is that marking of API Monogram may not be correct.

Also, 11.2.1 will be clarified to better connect with Annex O for consistency as intended by the standard.

Ballot Rationale: The proposal is to amend Clauses 11.2.1 b) and O.1.2 a) to get rid of inconsistency in the Monogram marking requirements.

During a recent audit, a minor non-conformity was issued because pipes were marked as required by Clause O.1.2 a) and O.1.3.1, while the auditor considered they should be marked in accordance with the examples in Clause O.1.3.2.

Ballot Text: See relevant content from the standard in the pages below proposed per the Revision Key.

NOTE Also refer to the ballot notification email for additional information.

SPECIAL NOTE In accordance with the API Monogram Program letter dated November 4th 2020, Annex O will also be extracted from the standard. This ballot will serve as a record, for traceability purposes, of the changes needed and will be maintained via the Monogram Program accordingly.

11 Marking

11.2 Pipe Markings

11.2.1 Pipe markings shall include the following information sequentially, as applicable:

- a) name or mark of the manufacturer of the pipe (X);
- b) "API Spec 5L" [or the API Monogram requirements \(see Annex O\) as applicable to API licensees](#) shall be marked when the product is in complete compliance with this specification, appropriate annexes, and this section. Products in compliance with multiple compatible standards may be marked with the name of each standard;
- c) specified outside diameter;
- d) specified wall thickness;
- e) pipe steel grade (steel name) (see Table 1, Table H.1, or Table J.1, whichever is applicable) and, if agreed, both corresponding SI and USC steel grades may be marked on the pipe with the corresponding steel grade marked immediately after the order item steel grade;
- f) PSL designation followed by the letter G if Annex G is applicable (see G.5.1);
- g) type of pipe (see Table 2);
- h) mark of the customer's inspection representative (Y), if applicable;
- i) an identification number (Z), which permits the correlation of the product or delivery unit (e.g. bundled pipe) with the related inspection document, if applicable;
- j) if the specified hydrostatic test pressure is higher than the test pressure specified in Tables 24 or 25 as applicable, or exceeding the pressures stated in footnote a), b), or c) of Table 26, if applicable, the word TESTED shall be marked at the end of the marking immediately followed by the specified test pressure in pounds per square inch if ordered to USC units or megapascals if ordered to SI units.

EXAMPLE 1 For SI units:

X API Spec 5L 508 12.7 L360M PSL 2 SAWL Y Z

EXAMPLE 2 For USC units:

X API Spec 5L 20 0.500 X52M PSL 2 SAWL Y Z

EXAMPLE 3 For SI units, if pipe also meets the requirements of compatible standard ABC:

X API Spec 5L/ABC 508 12.7 L360M PSL 2 SAWL Y Z

EXAMPLE 4 For USC units, if pipe also meets the requirements of compatible standard ABC:

X API Spec 5L/ABC 20 0.500 X52M PSL 2 SAWL Y Z

EXAMPLE 5 For SI units, tested to 17.5 MPa, if hydrotest pressure differs from the standard pressure:

X API Spec 5L 508 12.7 L360M PSL 2 SAWL Y Z TESTED 17.5

EXAMPLE 6 For USC units, tested to 2540 psi, if hydrotest pressure differs from the standard pressure:

X API Spec 5L 20 0.500 X52M PSL 2 SAWL Y Z TESTED 2540

EXAMPLE 7 For USC units, with both corresponding steel grades marked and application of Annex G indicated:

X API Spec 5L 20 0.500 X52M L360M PSL2G SAWL Y Z

EXAMPLE 8 For SI units, with both corresponding steel grades marked and application of Annex G indicated:

X API Spec 5L 508 12.7 L360M X52M PSL2G SAWL Y Z

NOTE For specified outside diameter markings in USC units, it is not necessary to include the ending zero digits to the right of the decimal sign.

Annex O **(informative)**

Additional Information for Use of the API Monogram by Licensees

O.1.2 Product Specification Identification

The following marking requirements apply only to those API licensees wishing to mark their products with the API Monogram.

The complete API Monogram marking consists of the following:

- a) the letters “API Spec 5L₂”. When the license number contains the specification identification, there is no need to duplicate the letters 5L₂.
- b) the manufacturer’s API license number,
- c) the API Monogram, and
- d) the date of manufacture (defined as the month and year when the monogram is applied by the manufacturer).

NOTE As defined in 3.1.35, the manufacturer may be, as applicable, a pipe mill, processor, maker of couplings or threader.

The API Monogram marking shall be applied only to products complying with the requirements of the specification and only by licensed manufacturers.
