

POSITION STATEMENT

MARKINGS REQUIRED TO BE READILY VISIBLE ON CYLINDERS AND TUBES

Questions

1. What specific markings are required to be readily visible on cylinders and tubes?
2. What information may be covered by a label on cylinders and tubes?

Answers

1. For U.S. Department of Transportation (DOT) and Transport Canada (TC) cylinders and tubes, requalification and required specification markings shall be readily visible and legible at all times. Additional national standards may require specific markings be visible and legible to fill and/or use cylinders and tubes. This includes the cylinder's original manufacture date, most requalification markings (if applicable), and other markings required by national standards.

See Table 1 for DOT, TC, and national standards marking requirements for various cylinder specifications.

2. None of the required information listed in Table 1 may be covered on cylinders or tubes.

DOT and TC allow the removal of intermediate requalification dates by a requalifier provided that the most recent requalification markings and original manufacture date remain visible and legible. A filler is also permitted to cover intermediate requalification dates.

Always review the regulations before filling or shipping a cylinder or tube as the regulations may change.

Table 1—DOT, TC, and other requirements for various cylinder specifications [1, 2, 3, 4, 5, 6, 7, 8]

Cylinder design	Specification	Service pressure	Serial number	Manufacturers symbol/ owners symbol	Inspectors mark	Manufactured date	Most recent requalification date	Spun or plug	Weight (T or M)	Cylinder water capacity	Liquefied petroleum gas	Dip tube	Other
DOT-3A	R	R	R	R	R	R	R	¹⁾	NR	NR	NR	NR	
TC-3AM	R	R	R	R	R	R	R	¹⁾	NR	NR	NR	NR	2), 3)
DOT-3AX	R	R	R	R	R	R	R	¹⁾	NR	NR	NR	NR	
TC-3AXM	R	R	R	R	R	R	R	¹⁾	NR	NR	NR	NR	2), 3)
TC-3ANM	R	R	R	R	R	R	R	¹⁾	NR	NR	NR	NR	2), 3)
TC-3ASM	R	R	R	R	R	R	R	¹⁾	NR	NR	NR	NR	2), 3)
DOT-3AA	R	R	R	R	R	R	R	¹⁾	NR	NR	NR	NR	
TC-3AAM	R	R	R	R	R	R	R	¹⁾	NR	NR	NR	NR	2), 3)
DOT-3AAX	R	R	R	R	R	R	R	¹⁾	NR	NR	NR	NR	
TC-3AAXM	R	R	R	R	R	R	R	¹⁾	NR	NR	NR	NR	2), 3)

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DOT-3B	R	R	R	R	R	R	R	¹⁾	NR	NR	NR	NR	
DOT-3BN	R	R	R	R	R	R	R	¹⁾	NR	NR	NR	NR	
DOT-3E	R	R	NR	R	NR	R	R	¹⁾	NR	NR	NR	NR	
TC-3EM	NR	NR	NR	R	R	R	R	¹⁾	NR	NR	NR	NR	3 EM124
TC-3FCM	R	R	R	R	R	R	R	NR	NR	NR	NR	NR	
TC-3HWM	R	R	R	R	R	R	R	NR	NR	NR	NR	NR	
TC-3CCM	R	R	R	R	R	R	R	NR	NR	NR	NR	NR	
DOT-3HT	R	R	R	R	R	R	R	¹⁾	NR	NR	NR	NR	Low stress stamps required
TC-3HTM	R	R	R	R	R	R	R	¹⁾	NR	NR	NR	NR	Low stress stamps required ^{2), 3)}
DOT-3T	R	R	R	R	R	R	R	NR	NR	NR	NR	NR	
TC-3TM	R	R	R	R	R	R	R	NR	NR	NR	NR	NR	^{2), 3)}
DOT-3AL	R	R	R	R	R	R	R	NR	NR	NR	NR	NR	
TC-3ALM	R	R	R	R	R	R	R	¹⁾	NR	NR	NR	NR	³⁾
DOT-4B	R	R	R	R	R	R	R	NR	⁴⁾	⁴⁾	⁴⁾	⁴⁾	
TC-4BM	R	R	R	R	R	R	R	NR	⁴⁾	⁴⁾	⁴⁾	⁵⁾	⁶⁾
DOT-4BA	R	R	R	R	R	R	R	NR	⁴⁾	⁴⁾	⁴⁾	⁴⁾	
TC-4BAM	R	R	R	R	R	R	R	NR	R	⁴⁾	⁴⁾	⁵⁾	
DOT-4BW	R	R	R	R	R	R	R	NR	⁴⁾	⁴⁾	⁴⁾	⁴⁾	
TC-4BWM	R	R	R	R	R	R	R	NR	R	⁴⁾	⁴⁾	⁵⁾	
DOT-4E	R	R	R	R	R	R	R	NR	⁴⁾	⁴⁾	⁴⁾	⁴⁾	
TC-4EM	R	R	R	R	R	R	R	NR	R	⁴⁾	⁴⁾	⁵⁾	
DOT-4DS	R	R	R	R	R	R	R	NR	NR	NR	NR	NR	
TC-4DSM	R	R	R	R	R	R	R	NR	NR	NR	NR	NR	
DOT-4D	R	R	R	R	R	R	R	NR	NR	NR	NR	NR	
TC-4DM	R	R	R	R	R	R	R	NR	NR	NR	NR	NR	⁷⁾
DOT-4B240ET	R	R	R	R	R	R	R	NR	NR	NR	NR	NR	
TC-4BM17ET	R	R	R	R	R	R	R	NR	R	NR	NR	NR	⁶⁾
DOT-4AA480	R	R	R	R	R	R	R	NR	NR	NR	NR	NR	
TC-4AAM33	R	R	R	R	R	R	R	NR	NR	NR	NR	NR	
DOT-4L	R	R	R	R	R	R	R	NR	R	NR	NR	NR	⁸⁾
TC-4LM	R	R	R	R	R	R	R	NR	R	NR	NR	NR	⁸⁾
DOT-4DA	R	R	R	R	R	R	R	NR	NR	NR	NR	NR	
TC-4DAM	R	R	R	R	R	R	R	NR	NR	NR	NR	NR	⁶⁾
TC-4DSM	R	R	R	R	R	R	R	NR	NR	NR	NR	NR	