



# Air Resources Board



**Matthew Rodriguez**  
Secretary for  
Environmental Protection

**Mary D. Nichols, Chairman**  
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**Edmund G. Brown Jr.**  
Governor

September 29, 2011

11-01

Mr. David Dooley  
Containment Solutions, Inc.  
12 E. Baltimore St, Suite F  
Taneytown, Maryland 21787

Dear Mr. Dooley:

Per your phone conversation on August 18, 2011, with my staff, you have requested an amendment of Air Resources Board (ARB) Executive Orders (EO) VR-301-C and VR-302-C; (Standing Loss Control for Existing and New Aboveground Storage Tank (AST) Installations) to include the correct model numbers for Containment Solutions, Inc.'s (CSI) Hoover Tank.

On June 15, 2011, ARB staff certified CSI's Hoover Tank for standing loss control for new and existing ASTs in Executive Orders VR-301-C and VR-302-C. The model numbers were listed as V4AAXXXVXXXX and V6AAXXXVXXXX, where the "4" or "6" in the second position stand for 4" or 6" of insulation, and where "X" equals numbers from 0 to 9.

ARB staff was informed of two changes that must be made to the model numbers for the ASTs. First, the 10th digit, represented currently as an "X", will either be an "S" for standard or an "8" for modified.

Secondly, the 6th, 7th, and 8th digits are used to indicate size of the tank. If the tank is 999 gallons and less, the 6 – 8th digits represent the exact number of gallons. However, if the tank is 1,000 gallons or greater, then a roman numeral is used in the 8th location. The letter "C" stands for a 100 value. Therefore, 1,500 gallons would be represented by 15C in the 6 – 8th locations. The letter "M" stands for 1,000. Therefore 5,000 gallons would be represented as 05M and 10,000 gallons would be represented as 10M.

Table 1 provides examples of the current formatting, as well as the proposed formatting and examples of tanks with various volumes.

*The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption. For a list of simple ways you can reduce demand and cut your energy costs, see our website: <http://www.arb.ca.gov>.*

California Environmental Protection Agency

Table 1

Proposed Changes to CSI Model Number

	4" of Insulation	6" of Insulation
Current	V4AAXXXVXXXX where "X" equals numbers from 0 to 9	V6AAXXXVXXXX
Proposed	V4AAXXX <sup>1</sup> VX <sup>2</sup> XXX where "X" equals numbers from 0 to 9, except: <sup>1</sup> In the 8th digit location if the tank size is 1,000 gallons or greater. In that instance "X" will either be a "C" or an "M" roman numeral representing a value of 100 or 1,000; and <sup>2</sup> In the 10 the digit location, where "X" will either be and "S" for standard or an "8" for modified.	V6AAXXX <sup>1</sup> VX <sup>2</sup> XXX
Examples	V4AAX15CVSXXX 1,500 gallon, standard tank	V6AAX250VSXXX 250 gallon, standard tank
	V4AAX05MV8XXX 5,000 gallon, modified tank	V6AAX550V8XXX 550 gallon, modified tank
	V4AAX12MVSXXX 12,000 gallon, standard tank	V6AAX900VSXXX 900 gallon, standard tank

In order to correct this oversight, the expanded model number explanation will be added to the next revision of EOs VR-301 and VR-302 (Revision D). In the interim, this approval letter shall be used to indicate that CSI tanks with the above model numbers have been certified for standing loss control applications.

If you have questions or need further information, please contact Ms. Donielle Jackson at (916) 445-9308 or via email at [djackson@arb.ca.gov](mailto:djackson@arb.ca.gov), or Mr. Lou Dinkler at (916) 324-9487 or via email at [ldinkler@arb.ca.gov](mailto:ldinkler@arb.ca.gov).

Sincerely



Alberto Ayala Ph.D., M.S.E.  
 Chief, Monitoring and Laboratory Division

cc: See next page.

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cc: John Marvin  
Bay Area Air Quality Management District

Kevin Tokunaga  
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South Coast Air Quality Management District

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