

**Electro-*Steam***  
ESTABLISHED 1952

**PROUDLY  
MADE IN THE  
USA**



If the boiler or Steam Generator that you are considering operates in excess of 15 psi, regardless of size, it must bear one of these ASME marks.

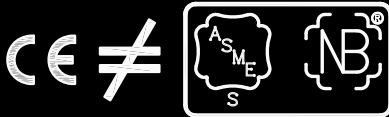
ASME B&PVC Section I PG-2.1(σ)



Additionally, the mark shown at the right ensures that your boiler has been registered with the National Board.



In the United States, a CE mark by itself is NOT an acceptable substitute for ASME Code compliance and registration with the National Board.



Boilers and Pressure Vessels operating in North America are required to comply with state regulations which include:

- Compliance with ASME Boiler and Pressure Vessel Code
- External piping compliance with ASME B31.1
- Registration with the National Board

**Boiler Law ONLY**  
**Boiler and Pressure Vessel Law**

*b* = National Board Registration Required for Boilers  
*bpv* = National Board Registration Required for Boilers and Pressure Vessels

For more information, please visit the NB-370, National Board Synopsis  
[www.nationalboard.org/ViewAllSynopses.aspx](http://www.nationalboard.org/ViewAllSynopses.aspx)

**EXCERPT FROM CAL/OSHA NEWS RELEASE #2015-20  
CAL/OSHA CAUTIONS EMPLOYERS TO AVOID USING  
NON-CONFORMING STEAM BOILERS**

"Cal/OSHA has specific regulations relating to equipment's design and construction, inspection, and operation," said Cal/OSHA Chief Juliann Sum. "Using steam boilers that are not up to code can cause an over-pressurized release of steam or an explosion. This poses a serious risk to workers."

Since 1917 ASME has been the international standard for the safe building and operation of boilers which are commonly utilized in wineries and other facilities to sterilize equipment. All steam boilers are required to meet the ASME Section I Power Boiler Code regarding construction, engineering, testing and installation of safety controls for such vessels. Larger boilers may require a Cal/OSHA permit to operate and only by a knowledgeable attendant familiar with such equipment.

Failure to comply with the workplace health and safety requirements can constitute a misdemeanor or felony under California Labor Code sections 7750, 7770 and 7771.

[www.dir.ca.gov/DIRNews/2015/2015-20.pdf](http://www.dir.ca.gov/DIRNews/2015/2015-20.pdf)










# BUYER



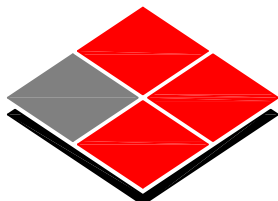
# BEWARE!

All but two states require boilers to comply with the *ASME Boiler and Pressure Vessel Code*. Check your state's requirements in *The National Board Synopsis of Boiler and Pressure Vessel Laws, Rules and Regulations* which can be accessed at [www.nationalboard.org/ViewAllSynopses.aspx](http://www.nationalboard.org/ViewAllSynopses.aspx).



BOILER REQUIREMENTS	Electro-Steam	OTHER
<p>Does the boiler meet ASME Code requirements for steam?            If it does, the ASME mark and designator will be stamped on a tag that is affixed to the boiler. For this type of boiler, the designator will typically be either M, S, or, on rare occasions, E. <b>PLEASE BE ADVISED THAT THE U DESIGNATOR / STAMP IS NOT APPROPRIATE FOR BOILERS WITH SUBMERGED HEATING ELEMENTS. ADDITIONALLY, IN THE US, THE CE MARK BY ITSELF IS NOT AN ACCEPTABLE SUBSTITUTE FOR ASME CODE COMPLIANCE AND REGISTRATION WITH THE NATIONAL BOARD.</b></p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">   <b>M</b>  <small>MAWP* ≤100 PSIG</small> </div> <div style="text-align: center;">   <b>S</b>  <small>MAWP* &gt;100 PSIG</small> </div> <div style="text-align: center;">   <b>E</b>  <small>LESS COMMON</small> </div> <div style="text-align: center;">  </div> <div style="text-align: center;">  </div> </div> <p><small>* MAWP = MAXIMUM ALLOWABLE WORKING PRESSURE</small></p>	YES	
<p>Is the boiler registered with the National Board?            If it is, the NB mark will be stamped on the same tag as the ASME mark and designator.</p>		YES
<p>Will I get a copy of the Manufacturer's Data Report?            For this type of boiler, a P-2A Manufacturer's Data Report is completed and then filed with the National Board. You should receive a copy of this document with your boiler.</p>		YES
<p>ASME CSD-1 addresses UL listed controls and safety devices for your electrically fired boiler. Am I able to get a copy of the <i>CSD-1 Manufacturer's / Installing Contractor's Report for ASME CSD-1</i>?</p>		YES
<p>Does the piping system comply with ASME B31.1 as the number of states requiring B31.1 compliance is ever increasing?</p>		YES

**CAUTION:** The *ASME Boiler and Pressure Vessel Code* strictly prohibits the use of tap water and well water while operating Stainless Steel boilers. (PEB-5.3)



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