

DID YOU KNOW?

NO: 67

August 9, 2010

PRIMUS STEAM STERILIZER NAMEPLATE DATA

The PRIMUS nameplate welded to every PRIMUS sterilizer pressure vessel contains valuable information that can help in troubleshooting, repair, and information gathering. **The nameplate is required by law and should never be removed from the pressure vessel for any reason!**

You can find the nameplate either on the top or the side of the sterilizer vessel depending on size.

Below is a summary of the information and its purpose:

PRIMUS Sterilizer Company, LLC Great Bend, Kansas

Lists the name and manufacturing location of the firm who manufactured the pressure vessel.

NB – National Board Number

This number is registered with ASME at their headquarters in Columbus, OH and provides traceability for the vessel over its life.

MAWP Jacket

Maximum Allowable Working Pressure of the jacket @ 300 degrees F. For all PRIMUS steam sterilizers, the jacket MAWP is 45 psi.

MAWP Chamber

Maximum Allowable Working Pressure of the chamber @ 300 degrees F. For all PRIMUS steam sterilizers, the chamber MWAP is 45 psi.

MDMT

Minimum Design Metal Temperature. This is -20 degrees F @ 45 psi for all PRIMUS steam sterilizers. MDMT is a unique value that is selected during the design phase of a pressure vessel.

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PRIMUS STEAM STERILIZER NAMEPLATE DATA (continued)

MSN – Manufacturer’s Serial Number

The MSN is a unique number assigned by PRIMUS to every sterilizer. This number can be used to determine when and by which associates the sterilizer was manufactured, when it was shipped, and to which customer. The MSN can also be used to find the unique Device History Record (DHR) for that unit, which contains a wealth of information concerning the respective unit. Please see DYK # 23 for a detailed overview of the DHR.

Year Built

The year shows in which calendar year the unit was manufactured. It does not necessarily equate to the calendar year the unit was shipped to a customer.

CRN – Canadian Registration Number

Every Canadian province and territory has a unique number or letter that shows which provinces and territories have approved PRIMUS to sell a specific size steam sterilizer within their respective borders. PRIMUS must apply to each separate province or territory for each size sterilizer it wishes to sell. Gaining registration in one province does not grant registration in any other province. It is often a lengthy and expensive technical process to gain registration. PRIMUS maintains a matrix of which sizes can be sold in which provinces and territories. If interested, please contact Connie Mansfield and she can send you the needed information.

U Stamp

An ASME “U” stamp designates a vessel as a “pressure vessel” as defined and regulated by ASME codes.

W Stamp

Delineates that the pressure vessel was constructed using a gas or arc welding process approved and certified by ASME.

R Stamp

Delineates that the pressure vessel has been repaired using welding process(es) approved and certified by ASME. Please note that no new steam sterilizer shipped from PRIMUS will ever have an R stamp. An R stamp will only be placed on the nameplate following a field repair or in-house repair if the vessel is shipped back to PRIMUS.

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