

	<b>ENGINEERING BULLETIN</b>	Bulletin #: <b>EB-1-15</b> <small>(Form Rev. 1)</small>
	Title: <b>Important Notification for Gate/Sliding Valves Used in Hot Service Application</b>	Date: <b>April 2015</b>
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**Description of Bulletin:** The allowable temperature range of a valve must never be exceeded. If the temperature is exceeded during operation, the safety of the tank and operator could be jeopardized. This bulletin discusses gate/sliding valves used in hot service applications and the requirement to affix a warning label to the valve or valve area that warns against heating the valve with flame.

**Background/Details:** Maximum allowable working pressure and maximum service temperature must never be exceeded. Valves that are used with hot products or in elevated temperature applications must be specifically chosen to ensure they meet the expected service conditions.

In applications where the cooling of the valve will solidify product in the valve, Betts offers gate and sliding valves with optional metal heat tubes attached. These heat tubes allow for circulation of controlled hot fluid to help maintain the temperature of the product in the valve and allow for safe operation. (See catalog Section 17 Page 1B and/or Section 18 Page 4A for more information on valves with optional heat tubes). Other methods of heating may be permissible but some methods, such as heating the valve with flame, are not permitted and could weaken the valve and increase internal pressure of the valve to the point of rupture.

**Bulletin Instructions:**

To ensure tank and operator safety, proper procedures for operation of the tank system must be maintained by the owner of the tank. All personnel must be properly trained on the safe operation of the system and must follow the prescribed procedures. Betts now offers a gate and sliding valve warning label to act as a visual aid.

**This sticker is required to be on the valve or very near the valve to alert operator of the risk of heating the valve with flame.**

The unattached warning label is included with all Betts' gate and sliding valves and must be attached after the valve is mounted. Do not paint over sticker. If replacement stickers are needed they can be ordered as part number 9Z4019.



If there are any questions contact Betts Sales or Design Engineering Department.