

Why Use Stainless Steel Valves?

NSF Certification

The Ames "Stainless Star" Automatic Control Valve constructed of "lead free" stainless steel has just been tested and certified by NSF International to Standard (61). The use of stainless steel has allowed Ames to manufacture and offer automatic control valves tested and certified by NSF International, the most widely recognized and represented independent certification organization for public health and safety.

Founded in 1944. NSF International's mission is to provide for the benefit of all third party standardization services in public health safety and in systems management, including, quality, and environmental specialties. NSF International, is recognized as a global leader in the development of voluntary consensus standards and product testing and certification in a public health and environmental specialties and is the first organization in North America to earn accreditation for all its product certification programs from the American National Standards Institute (ANSI).

Ames Automatic Control Valves have met the requirements of Standard (61) of the NSF International. Standard (61) was developed to establish minimum requirements for the control of potential adverse human health effects from products which contact drinking water.

Certification, by, NSF International is further confirmation of the efforts by Ames Company, to provide quality products to meet tomorrow's exciting and complicated work standards. In doing so, Ames Company allows the contractor, health and mechanical officials a healthier alternative than the old industry standard.

The use of Ames products, allows all to avoid the health degrading chemicals and harmful materials found in yesterday's metal valves.

What does the use of stainless steel have to offer?

The use of stainless steel allows Ames to produce a durable and lightweight device without sacrificing strength. In fact, the use of stainless steel versus ferrous metal (cast iron or ductile iron), improves the tensile strength and elongation factor of the valve body. Stainless steel has 70,000 psi tensile strength and an elongation factor of 50% percent versus cast iron that has a tensile strength of 35,000 psi, and an elongation factor of 1%.

The innovative use of stainless steel allows Ames to produce a lightweight and durable Automatic Control Valve.

