

Special Recommendations

Alloy possesses poor notch sensitivity characteristics, so considerable care should be taken to avoid the presence of stress raisers.

Methyl alcohol should not be used in the pressure testing of tanks since failure can occur due to stress-corrosion cracking.

Lessons learned

Welding procedures should always be checked. Argon or helium protection is essential on trailing direction and opposite side.

Specifications for Ti 6Al-4V mill products typically specify a maximum hydrogen limit of about 150 ppm.