

Coded Note Number: **Y2220**

Revision: **C001**

Date: **October 12, 2017**

Title: **PUMP OVERHAUL MECHANICAL SEAL LEAKAGE**

This revision history is provided for convenience and does not alleviate the supplier's responsibility with understanding and complying with the full coded note.

Change from Revision A – Editorial change to reformat to current standard.

Bolded font indicates changed/added content.

[Text deleted] inserted in the document indicates the removal of content.

Mechanical Seal Leakage: Acceptable leakage at pump mechanical seals or packing shall be as noted below. Leakage is defined as the accumulation of fluid, over a three-minute period, large enough to form a drop or flow away from the point of formation.

For pump mechanical seals, the acceptable leakage for flammable and nonflammable liquids shall be as follows:

For pumps handling flammable liquids, observe and/or collect leakage at the tell-tale hole or seal housing for a 30 minute period while the pump is operating.

Measurable leakage (dripping) during the test period is unacceptable.

Dampness at the tell-tale hole or seal housing is acceptable. For nonflammable liquids, mechanical seal leakage shall not exceed that specified in the equipment technical manual. When no criteria exist, 5 drops per minute shall apply.

For pump packing, the acceptable leakage for flammable and nonflammable liquids shall be as follows:

For flammable liquids, the leakage rate for packed pumps shall be measured after newly installed packing has been run in and the leakage rate has been stabilized. Leakage rate shall not exceed 5 drops per minute after packing leakage is stabilized. For nonflammable liquids, liquid should be allowed to drip from the stuffing box to lubricate and cool the packing.