Dry Procedure after Hydrotest/ Pigging / Steaming of Piping and Equipment
(Recommendation)

“Dry” means no visible wetness.

1. Unless otherwise specified, equipment/piping shall be drained dry within 48 hours of first filling.

2. If draining dry within 48 hours is not practical, the following shall be considered:
   a. Blowing water out with air to dry the piping/equipment.
   b. Pigging pipelines to remove water standing in low spots.
   c. Steaming piping to dryness. This is permitted, only if it is done within 48 hrs of first filling the lines.
   d. Blowing piping/equipment to dryness with nitrogen and left with a nitrogen blanket.

3. Clean and dry air (and cold air) should be used.

4. Vacuum chambers, Fine chemical, Semiconductor, and Other Specific facilities may require Dew Point Control (i.e., -40, -60°C) in the Dry Air or Nitrogen.

Comments:
(1) MIC of stainless steels is a statistical likelihood and may or may not happen.
The above requirements are intended to minimize the risk of MIC but are not an absolute guarantee that MIC will not happen. Any compromises in the water quality and/or drying procedure increases the risk of MIC.

(2) Facilities to be dew point controlled or stainless steel: Cold Air is recommended because it has higher relative humidity. The holding vapor water in the air may be reduced at lower temperature because the extra moisture may be already condensed due to higher relative humidity.