

# Insulation/Mechanical Integrity Check List

Yes No

- 1. Is your cold pipe and vessel insulation over six years old?
- 2. Does your piping and vessel system have temperatures that swing above and below dew point temperatures?
- 3. Is the vapor barrier on your pipe and vessel insulation in less than perfect condition?
- 4. Have you had any repairs done to your piping or vessel system that were not re-insulated immediately?
- 5. Are there any visible signs of ice or water formation on the outside of the vapor barrier or jacketing on your piping or vessels?
- 6. Does your insulation look good from the outside but you have not done any internal inspection of the insulation for moisture or corrosion in the last 5 years?
- 7. Does the aluminum jacketing on your pipe and vessel insulation have spots forming on the surface that look like small worms?
- 8. Does your piping or vessel insulation have only a PVC or aluminum jacket with out a separate vapor barrier under it?
- 9. Is any part of your cold piping system shutdown for extended periods of time?
- 10. Is your cold piping system exposed to washdowns or high humidity?

**If you answer yes to any of the questions above you are at high risk for corrosion under insulation and excessive thermal loss.** An Insul-Dry Dry air injection system will save you money and help prevent unwanted plant shutdowns and possible fines due to non compliance with OSHA Mechanical integrity requirements.

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