AR&D — Work Proposal Forms

Comments Relative To Brink Project

1. York Demister Impractical due to heat at each of blow tanks. Remote installation in new tank also impractical since air flows vary and efficiency goes to hell. Same can be said for Brink H-V series.

2. Air flow is higher than needed because of negative pressure on open batch blow tanks. Need to close them up.

3. Condensor not used for two reasons:
   a. Natural cooling gets us to about 100°F. Ambient cooling water won't get it much lower and refrigeration would be necessary. Cost $25,000

   b. Reducing air flow has same effect and costs only time to collect adequate data.

4. Choice of steel materials made after hesitation due to corrosion present in header — corrosion could be due to one or more of three reasons.

   a. Diffusion of water back from jet — thought possible by Buckley, Vogler, Res. Just the plastic header should cure it.
   b. Condensation due to high HCl content. This would be case only when HCl from chlorinators is drowned. Plastic header again solves problem
   c. Condensation from blow tanks. Ruins my steel system. Alternatives for backup are
      (1) Air dryer to keep moisture out.
      (2) Tracing to keep temperature up.

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