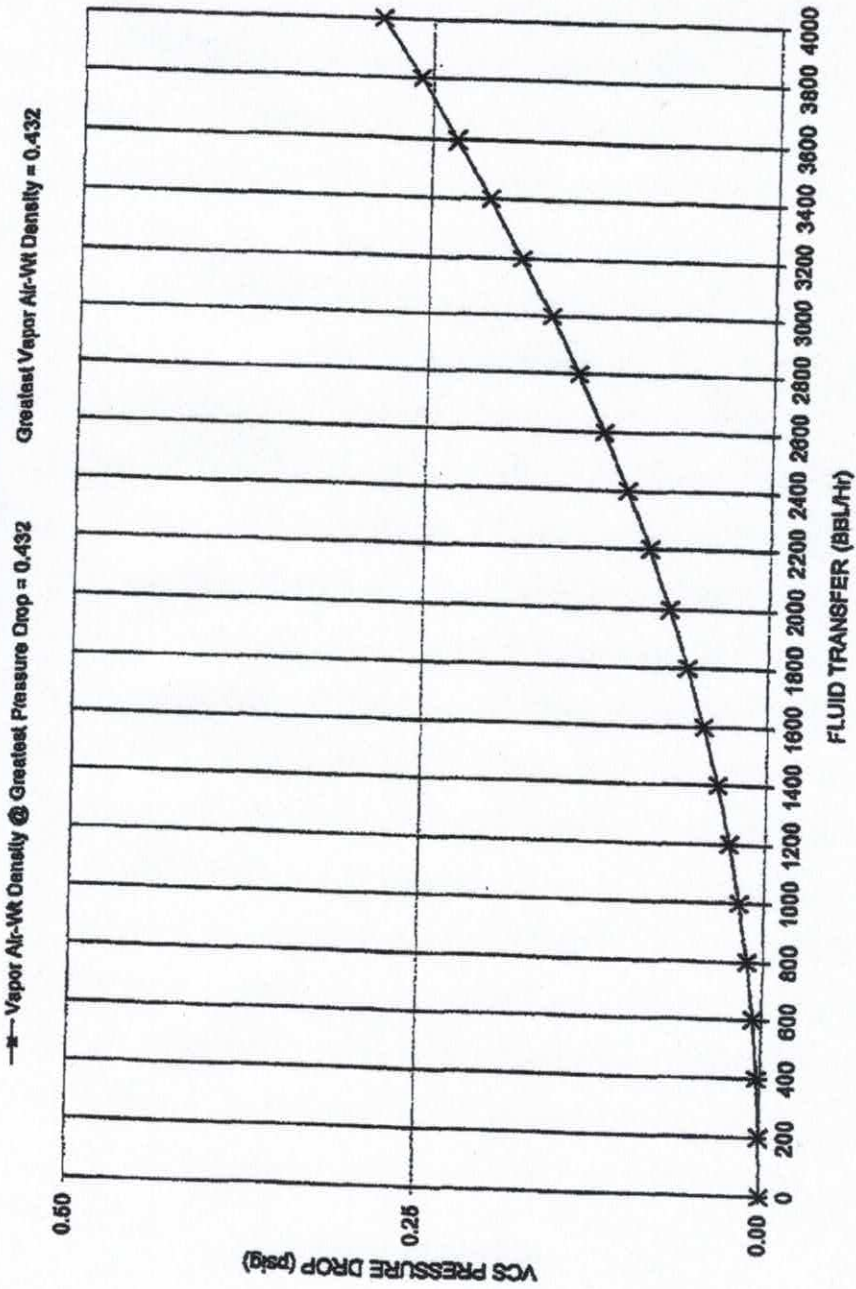


12/15/2011

### Vapor Control System (VCS) Calculations

FIG. 1 - Pressure Drop vs. Flowrate from Farthest Tank to Facility Vapor Collection  
for Cargo with Maximum Pressure Drop



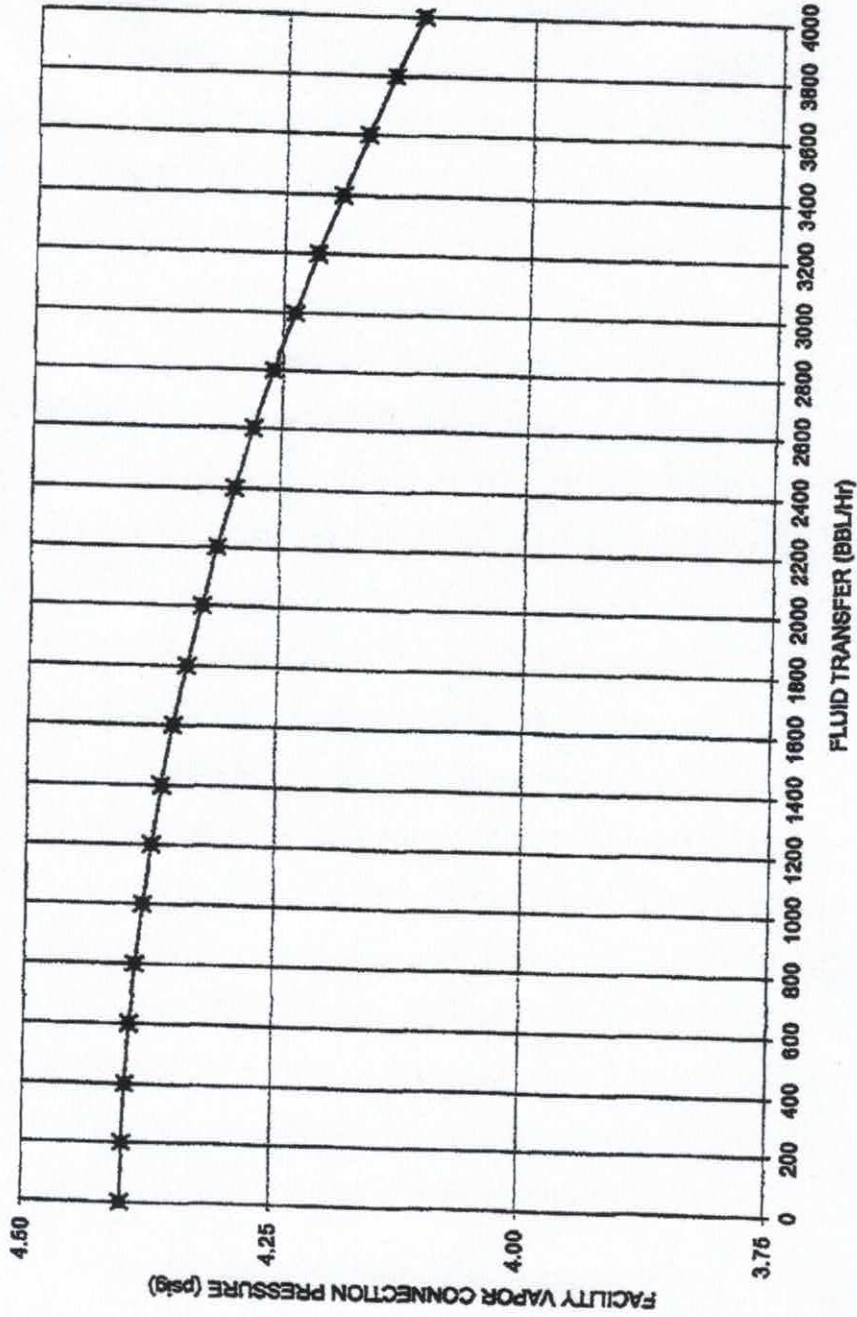
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### Vapor Control System (VCS) Calculations

FIG. 2 - Facility Vapor Connection Pressure vs. Maximum Allowable Flowrate based on not Exceeding 80% of the Allowable PV Valve Setting

---\*--- Greatest Vapor Air-WI Density = 0.432    \*---\* Vapor Air-WI Density @ Greatest Pressure Drop = 0.432



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