CLEANING LABORATORY EVALUATION SUMMARY

SCL #:	1997
DateRun:	12/14/1997
Experimenters:	Jason Marshall, Off Site
ClientType:	Gas Company
ProjectNumber:	Project #1
Substrates:	Stainless Steel
PartType:	Part
Contaminants:	Rust/Scale, Films
Cleaning Methods:	Supercritical Extraction
Analytical Methods:	Visual
Purpose:	Determine if Supercritical CO2 would be effective
Experimental Procedure:	Valves were sent to an outside vendor to clean using the Supercritical CO2 method. SUBSTRATE MATERIAL: Stainless Steel (Supplied from client) CONTAMINANTS: Salts, corrosive deposits
Results:	The method selected proved to be an inadequate means for cleaning the parts. In fact, the method caused the valve to become more contaminated.

Summary:

Substrates:	Stainless Steel				
Contaminants:	Rust/Scale, Films				
Company Name:	**Product Name:**	**Conc.:**	**Efficiency:**	**Effective:**	**Observations:**
No Specific Vendor	Carbon Dioxide Supercritical	100	0.00	☐	

Conclusion: Using Supercritical CO2 extraction to clean the valves would not be an effective method and should not be considered.