CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2002

DateRun: 11/19/2002

Experimenters: Jason Marshall, Heidi Wilcox

ClientType: Manufacturing

ProjectNumber: Project #1

Substrates: Aluminum, Stainless Steel

PartType: Part

Contaminants:

Cleaning Methods:

Analytical Methods: OSEE

Purpose: To evaluate cleanliness of parts cleaned by client.

Experimental Procedure: OSEE readings for eight client cleaned parts were recorded using a PET SQM 100. Multiple readings were made for each of the parts.

Results:

SS round no holes	Side 1	Side 2
Part 1	574	498
	650	420
	573	421
	577	468
	631	424
	630	369
Average	606	433
SS round no holes	660	448
Part 2	630	610
	635	450
	749	535
	620	438
	623	468
Average	653	492
SS round w/ holes	602	186
Part 3	330	345
	413	485
	443	418
	270	512
	531	517
Average	432	411
SS round w/ holes	286	379
Part 4	414	246
	689	488
	436	356
	551	277
	568	366
Average	491	352
Al L	972	978
Part 5	968	974
	974	969
Average	971	974
Al L	975	977
Part 6	971	777
	972	980
Average	973	911
Al Rect.	959	968
Part 7	975	964

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	973	956
	965	957
Average	968	961
Al Rect.	968	985
Part 8	958	959
	964	970
	983	959
Average	968	968

Summary:

Conclusion: Parts were returned to client for further evaluation.