CLEANING LABORATORY EVALUATION SUMMARY

SCL #:	2005
DateRun:	07/31/2005
Experimenters:	Jason Marshall
ClientType:	Metal
ProjectNumber:	Project #1
Substrates:	Aluminum
PartType:	Part
Contaminants:	Mold Releases, Graphite
Cleaning Methods:	Media Blasting
Analytical Methods:	Photography, Visual
Purpose:	To evaluate baking soda blasting on the removal of baked and unbaked mold release agents from supplied parts.
Experimental Procedure:	Two pre-baked and unbaked parts were placed into a BCS Co Soda Blasting chamber. Each part was cleaned using the baking soda blasting media until the surface was as clean as the supplied base line parts. The time to achieve this level of cleanliness was recorded.
Results:	The baking soda blasting was very effective in removing both the baked parts and the unbaked parts in under one minute. There was no visible difference between the two types of soiled parts after cleaning.

Summary:

Substrates:	Aluminum				
Contaminants:	Mold Releases, Graphite				
Company Name:	**Product Name:**	**Conc.:**	**Efficiency:**	**Effective:**	**Observations:**
Armex Cleaning and Coating Removal Systems	Sodium Bicarbonate	100	0.00	☑	

Conclusion: Complete cleaning was not achieved due to the set up of the blasting chamber and the size of the parts. Visibility in the chamber decreased the performance of the blasting. Also, the parts being blasted had to be held in place which limited the area that could be cleaned. This method of cleaning would be more suitable to the larger molds that need to be cleaned.