OPERATIONS LABORATORY SERVICES CONSULTATION

ANALYTICAL INDUSTRIAL RESEARCH LABORATORIES, INC.

September 14, 2007

ICG Hollinston

P.O. Box 478
Kingsport, TN 37662

RE: Lab #201936 – Arad Tok B

Per your phone conservation with Roy, below pleame find the information you requested.

Test Requested: With reference to RoHS Directive 2002/95/EC, and its amendment directives.

Test Method: Procedures for the Determination of Levels of Regulated Substances in Electrotechnical Products by Chemical Method

- Determination of Lead & Cadmium by ICP/AAS
- Determination of Mercury by ICP/CV-AAS
- Determination of Hexavalent Chromium by Colorimetric Method
- Determination of PBB and PBDE by GC/MS

Test Results: Please refer to Lab Report #201936

Conclusion: Based on the performed tests on submitted sample, the result complies with the RoHS Directive 2002/95/EC and its subsequent amendments.

Thank you,

Roy R. Patterson

ROY R. PATTERSON
Laboratory Director

ANALYTICAL INDUSTRIAL RESEARCH LABORATORIES, INC.

Tennessee Certification #02034
Georgia / Louisiana Certification #04006
Alabama Certification #40780
Kentucky Certification #90040
Accreditation: NELAP / LELAP #A185697

1550 37TH STREET, NE
CLEVELAND, TENNESSEE 37312
(423) 476 - 7766 Fax: (423) 476-7714

Scope of Accreditation:
Wastewater, Surface Water, Ground Water, Drinking Water, Solids, Hazardous Waste, Soils, Sediments, and Sludges.

Lab Report 201936

1172
ICG/Holliston

P.O. Box 478
Kingsport, TN 37662

Date Received	8 /24/2007
Date Sampled	8/23/2007
Time Sampled	
Date Requested	8 /29/2007
Rush Status	3 Day
Phone	(423) 357-6141
Extension	2234
☑ *Fax*	(423) 357-8840
☐ *Under NELAC Certification*	
PO#	100914

Sample Information

Arrestox Book Sample
Solid

Lab Report	201936	*Result*		*MDL*	*Method*	*Date*	*Time*	*Analyst*
	BNA Scan Top 10							
PB Biphenyls	#1	< 330	ug/Kg	330	8270	8/27/2007	16:51	RRP
PB Diphenyl Ethers	#2	< 330	ug/Kg	330	8270	8/27/2007	16:51	RRP
	Cadmium (Cd)	< 0.2	mg/Kg	0.2	6010	8/27/2007	16:02	IFH
	Lead (Pb)	< 1.5	mg/Kg	1.5	6010	8/27/2007	16:02	IFH
	Mercury (Hg)	< 0.1	mg/Kg	0.1	7471A	8/28/2007	15:10	ADW
	Hexavalent Chromium	< 0.5	mg/Kg	0.5	7196 A	8/28/2007	8:05	ADW

QA/QC Procedures required by the Method(s) were followed unless otherwise noted. Performance and acceptance standards for required NELAC QA/QC procedures were achieved unless otherwise noted. No significant modifications have been made to the Method(s). I attest that, based upon my inquiry of those individuals immediately responsible for reviewing the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Report approved by: Ray R. Patterson

MATERIAL SAFETY DATA SHEET

May be used to comply with OSHA's Hazard Communication Standard, 29CFR 1910. 1200. Standard must be consulted for specific requirements.

Arrestox

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: **Arrestox**

Manufacturer's Name	ICG/Hollister		
Address	P.O. Box 478	Emergency Telephone No.	1-423-357-6141
City, State, ZIP	Kingsport, TN 37662	Other Information Calls	1-800-251-0251
Common Names (Synonyms):	Coated Cloth	Date Prepared	8/1/2007

SECTION 2 - HAZARDOUS COMPOSITION/INGREDIENTS

Hazardous Component(s) (chemical & common name(s)	% (optional)	OSHA - VPEL STEL	OSHA-VPEL TWA	CAS NO.
Coated Cloth	N/A	N/A	N/A	N/A
Proprietary coating containing inert solids, combination of different aqueous binders, pigments, and fillers	N/A	N/A	N/A	N/A

SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling Point	N/A	Specific Gravity (H20=1)	1.2
Vapor Density (Air=1)	N/A	Vapor Pressure (mm Hg)	< 0.1
Solubility in Water	Insoluble	Reactivity in Water	None
Appearance and Odor	Solid flexible sheet. No odors	Melting Point	N/A

SECTION 4 - FIRE & EXPLOSION DATA

Flash Point	N/A	Flammability Limits (%)	Unknown
Auto-Ignition Temperature	Unknown	Extinguisher Media	Water is the most effective fire extinguishing medium. Other agents will also work.
Special Fire Fighting Procedures	Positive pressure NIOSH approved self-contained breathing apparatus is suggested. Large quantities of product may continue to smolder until thoroughly wet out.		
Unusual Fire and Explosion Hazards	Unknown		
Hazardous Decomposition Products	Combustion products vary depending on fire conditions and other combustibles present in the fire. Combustion products will be CO, CO2, HCL, and hydrocarbons.		

SECTION 5 - PHYSICAL HAZARDS (REACTIVITY DATA)

Stability	Stable ☒ ☐	Conditions to Avoid	Avoid extreme heat and open flames
Incompatibility (Materials to Avoid)	Avoid contact with strong oxidizing agents, strong alkalies, and strong mineral acids.		
Hazardous Decomposition Products	Combustion products vary depending on fire conditions and other combustibles present in the fire. Combustion products will be CO,CO2, hydrocarbons, and HCL		
Hazardous Polymerization	May Occur ☐ Will Not Occur ☒	Conditions to Avoid	