



Florida Department of Environmental Protection

Bob Martinez Center
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Charlie Crist
Governor

Jeff Kottkamp
Lt. Governor

Michael W. Sole
Secretary

November 27, 2007

SENT VIA EMAIL

rgardner@martin-electronics.com

Mr. Richard Gardner
President
Martin Electronics, Inc.
10625 Puckett Road
Perry, Florida 32348

SUBJECT: Martin Electronics, Inc.
FLD 047 966 593
Operating/Corrective Action Permit 16099-007-HF

Dear Mr. Gardner:

Enclosed is Permit Number 16099-007-HF to modify the waste streams treated at Martin Electronics, Inc. This permit is being issued pursuant to Section 403.722, Florida Statutes (F.S.), and Chapters 62-4, 62-160, 62-730, and 62-780, Florida Administrative Code (F.A.C.).

This permit modification is final and effective ("issued") on the date filed with the Clerk of the Department. When the permit is final, any party to the permit has the right to seek judicial review of the permit pursuant to Section 120.68, F.S., by the filing of a Notice to Appeal pursuant to Rule 9.110, Florida Rules of Appellate Procedure, with the Clerk of the Department in the Office of General Counsel, Department of Environmental Protection, 3900 Commonwealth Boulevard, MS #35, Tallahassee, Florida 32399-3000; and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal.

The Notice of Appeal must be filed within thirty (30) days from the date the final permit is issued. If you should have any questions, please contact John Griffin at 850-245-8785 or john.griffin@dep.state.fl.us.

Sincerely,

A handwritten signature in black ink that reads "Charles F. Goddard".

Charles F. Goddard, Chief
Bureau of Solid & Hazardous Waste

CG/cs

Mr. Richard Gardner
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cc with enclosure:

Jeff Pallas, EPA/Region 4 pallas.jeff@epamail.epa.gov
Ashwin B. Patel, DEP/Jacksonville Ashwin.patel@dep.state.fl.us
Dale Krejcar, Martin Electronics d.krejcar@martin-electronics.com
Chen Lin, Ph.D., P.E., Jim Stidham & Associates, Inc., clin@jsna.com

PERMITTEE:
Martin Electronics, Inc.
10625 Puckett Road
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I.D. NUMBER: FLD 047 966 593
PERMIT/CERTIFICATION NUMBER: 16099-007-HO
EXPIRATION DATE: March 12, 2011

PART II - GENERAL OPERATING CONDITIONS

1. The wording of this condition remains the same as that in the permit issued June 30, 2006.
2. Prior to treatment of hazardous waste(s) other than listed in Specific Condition III.1 the Permittee shall comply with the notification or permit modification requirements in paragraph a, b or c of this Condition. The Permittee shall not treat a new waste stream until the permit has been modified by the Department or the Department provides written notification (40 CFR 264.13).
 - a. The Permittee is allowed to treat those waste streams which are identical in constituents and concentrations as those in Specific Condition III.1.
 - b. The wording of this condition remains the same as that in the permit issued June 30, 2006.
 - c. For any new waste stream which contains constituents which are different from those listed in Specific Condition III.1 or any new waste stream which varies in concentration by more than fifty percent (50%) from those listed in Specific Condition III.1, the Permittee shall submit to the Department a request for a permit modification. This request shall contain a complete waste analysis which includes descriptions of the waste in its original composition and the thermal decomposition products of the new waste stream. This analysis must be incorporated into the general analysis plan and retained at the facility.
 - d. Notwithstanding the prohibition in Specific Condition 2.c of this Part, the Permittee is allowed to treat any research and development (R&D)-derived waste stream with a weight of no more than 10 kilograms (22 pounds) each month. However, the Permittee shall notify the Department in writing of the composition information of the waste stream prior to treating it.

PART III - THERMAL TREATMENT UNIT

1. The Permittee is allowed to thermally treat, in the burn pans and burn cages, only the following hazardous wastes generated at the facility, as described in Table II.A.5-1, Attachment II.A.5 of the Permit Application dated August 23, 2005 and revised May 21, 2007 and July 27, 2007 and in accordance with the work instructions in Sub-attachment II.A.5-1:
 - a. The wording of this condition remains the same as that in the permit issued June 30, 2006.
 - b. The wording of this condition remains the same as that in the permit issued June 30, 2006.
 - c. The wording of this condition remains the same as that in the permit issued June 30, 2006.

PART V – GROUNDWATER MONITORING PROGRAM

10. The Permittee shall sample all wells, specified in Specific Condition 5 of this Part, for the following parameters, according to the following schedule:
 - a. add “aluminum” to the list of analytes to be sampled.

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b. For all other sampling events following permit issuance:

aluminum	arsenic	barium*
boron	cadmium*	chromium, total
copper*	lead	magnesium
nickel*	titanium	tungsten*
zinc*	zirconium	
tetrafluoroethene**/**	tetrazine**/**	fluoride
field pH	field specific conductance	field turbidity

* This analyte will be monitored in groundwater if detected in soil at concentrations above the action level (Specific Condition.IV.4).

** No analytical method is currently available. When an analytical method becomes available and accepted by the Department the Permittee shall modify the SAP for this analyte.

*** No laboratory currently available to perform this analysis. When the Permittee finds a laboratory approved by the Department to provide this analysis, the Permittee shall add this analyte to the monitoring list for the next groundwater monitoring event.

11. The Groundwater Cleanup Target Levels (GCTLs) for the analytes in Specific Condition 10 of this Part are:

Analyte	GCTL (µg/l)	Analyte	GCTL (µg/l)
aluminum	200	acetone	6,300
antimony	6	2,4-dinitrotoluene	0.05
arsenic	10	diphenylamine	180
barium	2,000	HMX	350
boron	1,400	hydrocarbons (as diesel)	5,000
cadmium	5	isopropanol	4,700
chromium, total	100	1-methylaminoanthraquinone	10
copper	1,000	nitrobenzene	3.5
lead	15	nitrocellulose	100
magnesium	*	nitroglycerin	17
nickel	100	PETN	11,900
strontium	4,200	RDX	0.3
titanium	28,000	styrene	100

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tungsten	29.2	tetrafluoroethene	43
zinc	5,000	tetrazine	91
zirconium	175	fluoride	4,000

* No GCTL established.