



*City of Albuquerque
Environmental Health Department*

Air Pollution Control Division
Air Quality Services Section

Fax Cover Sheet

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To: Dennis McQuallan

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Company: NMED

Location: Santa Fe

From: Saji Mathew

Phone: 505-768-1952

Subject: Spartans air quality permit - please
call me if you have any questions at 505-768-1952

Thanks
Saji

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PO Box 1293
Albuquerque, NM 87102



AUTHORITY-TO-CONSTRUCT NM/001/00442/950

Issued to: Mr. Richard D. Mico
 Sparton Technology, Inc
 4901 Rockey Blvd. SE
 Rio Rancho, NM 87124

Pursuant to the Air Quality Control Act, Chapter 74, Article 2 New Mexico Statute Annotated 1978 (1996 REPL.); the Albuquerque Joint Air Quality Control Board Ordinance, 9-5-1-1 ROA 1974; the Bernalillo County Joint Air Quality Control Board Ordinance, Bernalillo County Ordinance 94-5, and the Albuquerque/Bernalillo County Air Quality Control Board (A/BCAQCB) Regulation Title 20, New Mexico Administrative Code (NMAC), Chapter 11, Part 41 (20 NMAC 11.41), Authority-to-construct. The Sparton Technology, Inc. is hereby issued this **AUTHORITY-TO-CONSTRUCT** and authorized to operate the following equipment at:

Location	Process Description	SIC
9621 Corrs Road NW Albuquerque, NM	Soil Vapor Extraction Unit and Accessories	

This Emergency Authority-to-construct permit has been issued based on the Application received by the Albuquerque Environmental Health Department (Department) on March 30, 1998, the National Ambient Air Quality, New Mexico Ambient Air Quality Standards, and Air Quality Control Regulations for Albuquerque/Bernalillo County, as amended through September, 1997. As these standards and regulations are updated or amended, the applicable changes will be incorporated into this Authority-to-Construct and will apply to the Company. This Authority-to-Construct permit is issued under the special provisions provided under 20 NMAC 11.41.II.11, Emergency Permits. Since the purpose of the installation and operation of the Soil Vapor Extraction (SVE) unit is to remove contaminants from the vadose zone, an emergency is established.

Issued on the ____ day of _____, 19____

 Angel Martinez, Jr, Supervisor
 Air Quality Services Section
 Air Pollution Control Division
 Environmental Health Department
 City of Albuquerque

TABLE A: APPLICABLE REQUIREMENTS FOR EMISSION UNITS

Relevant Entity		Applicable Requirements	Facility Throughput	Monitoring Requirements	Record Keeping Requirements	Report Requirements	Other operational limitations	Facility Emission Limits (pounds per hour) (tons per year)
ID# Serial No	Description							
Hi Tec Remediation Inc. Model no. 1-6	Soil Vapor Extraction Unit	20 NMAC 11.02 11.41 11.65		<p>Monitor extraction well flow rate using flow meter.</p> <p>Monitor hours of operation using hour meter.</p> <p>An initial compliance test shall be performed within seven (7) days of initial startup using EPA Method 8021 TCL formerly (8010/8020). The samples shall be taken at three points.</p> <ol style="list-style-type: none"> 1) before the extracted vapor reaches the blower 2) in between the IC engine (blower) and the catalytic converter 3) between the catalytic converter and stack outlet. <p>For future tests samples may be taken at two points only, one before the extracted vapor reaches the blower and one between the catalytic converter and stack outlet.</p> <p>If the SVE unit is operated at least 2 weeks in a calendar quarter, compliance test shall be performed.</p> <p>The Department may impose additional testing, if the Department determines or has reasonable doubt that the SVE unit is not in compliance with this permit condition.</p>	<p>The company shall maintain a record of extraction well flow rate.</p> <p>The company shall maintain a log of hours of operation of SVE. Such logs shall be made available to any Dept representative upon request.</p>	<p>Notify the Department, the day and time of the initial startup, within 24 hours.</p> <p>Initial compliance test report shall be submitted to the Department within 10 days of the performance test.</p> <p>Quarterly test report shall be submitted within 30 days of the test.</p> <p>Notify the Department of the startup date, after the unit stopped operation for more than one month.</p> <p>The company shall provide sufficient notice to the Department regarding the time and date of compliance test, so that a Department representative may be present at the time of the testing.</p>	<p>The extraction well flow rate shall not exceed 50 Cubic Feet per Minute (CFM)</p> <p>The company may increase the flow rate, when it can be demonstrated that the concentration of Trichloroethane (TCE) extracted will be below 5 tons per year.</p>	<p>VOC - 0.17 lb/hr - 0.74 tpy</p> <p>Hazardous Air Pollutants in milligrams per meter cube (mg/m3)</p> <p>Chlorobenzene < 10 mg/m3</p> <p>Chloroform < 10 mg/m3</p> <p>Benzene < 10 mg/m3</p> <p>1,1,1 Trichloroethane < 20 mg/m3</p> <p>1,1,2,2 Tetrachloroethane < 10 mg/m3</p> <p>Toluene 49 mg/m3</p> <p>Xylenes < 10 mg/m3</p> <p>Trichloroethylene 440 mg/m3</p> <p>1,1 Dichloroethylene 96 mg/m3</p>

All air emitting facilities within Bernalillo County are subject to all applicable Albuquerque/Bernalillo County Air Quality Control Regulations, whether listed under Table B of this registration or not.

Compliance Assurance / Enforcement

- a. The issuance of a permit or registration does not relieve the Company from responsibility of complying with the provisions of the Air Quality Control Act, and the laws and regulations in force pursuant to the Act. (Part 41.II.6)
- b. Any conditions imposed upon the Company as the result of an Authority-To-Construct Permit or other permit issued to the issued by the Department shall be enforceable to the same extent as a regulation of the Board. (Part 41.II.7.3)
- c. Whenever two or more parts of the Air Quality Control Act, or the laws and regulations in force pursuant to the Act, limit, control or regulate the emissions of a particulate air contaminant, the more restrictive or stringent shall govern. (Part 1)
- d. The Department is authorized to issue a compliance order requiring compliance and assessing a civil penalty not to exceed Fifteen Thousand Dollars (\$15,000) per day of noncompliance for each violation, commence a civil action in district court for appropriate relief, including a temporary and permanent injunction. (74-2-12 NMSA)
- e. **Scheduled and Unscheduled Inspection (74-2-13 NMSA)**
 - 1) The Department will conduct scheduled and unscheduled inspections to insure compliance with the Air Quality Control Act, and the laws and regulations in force pursuant to the Act, and this Permit, and, upon presentation of credentials:
 - 2) Shall have a right of entry to, upon, or through any premises on which an emission source is located or on which any records required to be maintained by regulations of the Board or by any permit condition are located, and;
 - 3) May at any reasonable time have access to and copy any records required to be established and maintained by Regulations of the Board, or any permit condition, and;
 - 4) May inspect any monitoring equipment and method required by Regulations of the Board or by any permit condition, and;
 - 5) Sample any emissions that are required to be sampled pursuant to Regulation of the Board, or any permit condition.
- f. **Performance Tests**
 - 1) By permit condition or at the request of the Department, and in accordance with

20 NMAC 11.90.II.2, Source Surveillance, the Company will perform the performance tests deemed necessary by the Department to demonstrate compliance with the Air Quality Control Act, the laws and regulations in force pursuant to the Act, and any Permit. (Part 90.II.2)

- 2) The Company shall allow the Department to conduct performance tests at any reasonable time and shall operate the stationary source for such testing purposes as the Department shall specify. (Part 90.II.2.6)
 - 3) If requested to do so by the Department, the Company shall provide such facilities, utilities, and openings (exclusive of instruments and sensing devices), as may be necessary to determine the nature, extent, quantity, and degree of air contaminants emitted by the Company. Such facilities may be either temporary or permanent at the discretion of the Company, and shall be suitable for determinations consistent with emission limits established by any Authority-To-Construct Permit incorporated into this Registration, or requirements of the Regulations. (Part 90.II.3)
- g. Any credible evidence may be used to establish whether the Company has violated or is in violation of any regulation of the Board, or any other provision of law. Credible evidence and testing shall include, but is not limited to: (Part 41.II)
- 1) A monitoring method approved for the source pursuant to 20 NMAC 11.42 and incorporated into an operating permit;
 - 2) Compliance methods specified in the Regulations, conditions in a permit issued to the Company, or other provision of law;
 - 3) Federally enforceable monitoring or testing methods, including methods in 40 CFR parts 51, 60, 61, and 75; and,
- h. Other testing, monitoring or information-gathering methods that produce information comparable to that produced by any CFR method and approved by the Department and EPA.