

**FILE COPY**

Bell Signs, Inc.  
**Facility ID No.:** 0050089  
Bay County

Air Operation Permit  
**Permit No.:** 0050089-002-AO

Permitting and Compliance Authority  
Department of Environmental Protection  
Northwest District Office  
160 Governmental Center  
Pensacola, FL 32502-5794  
Telephone: 850/595-8300  
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[electronic file name: 0050089-002-ao.doc]

Air Operation Permit  
Permit No.: 0050089-002-AO

**Table of Contents**

<b>Section</b>	<b>Page Number</b>
Placard Page .....	1
I. Facility Information .....	2
A. Facility Description.	
B. Summary of Emissions Unit ID No(s). and Brief Description(s).	
C. Relevant Documents.	
II. Facility-wide Conditions .....	3
III. Emissions Unit(s) and Conditions	
A. EU 001-Sign Painting Operation .....	5
Appendices:	
Appendix G-1, General Conditions	
Attachment – Environmental Compliance Plan (ECP)	



# Department of Environmental Protection

Jeb Bush  
Governor

Northwest District  
160 Governmental Center  
Pensacola, Florida 32502

Colleen Castille  
Secretary

**Permittee:**  
Bell Signs, Inc.

**Permit No.:** 0050089-002-AO  
**Facility ID No.:** 0050089  
**SIC No(s):** 3993  
**Project:** Air Operation Permit

This permit is for the operation of Bell Signs, Inc., located at 1200 Bell Avenue in Panama City, Bay County; Latitude: 30° 09' 47" North and Longitude: 85° 39' 46" West.

**STATEMENT OF BASIS:** This air operation permit is issued under the provisions of Chapter 403, Florida Statutes (F.S.) and Florida Administrative Code (F.A.C.) Chapters 62-4 and 62-210. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents, attached hereto or on file with the permitting authority, in accordance with the terms and conditions of this permit.

**Referenced attachments made a part of this permit:**

Appendix G-1, General Conditions  
Attachment – Environmental Compliance Plan (ECP)

**Effective Date:** June 28, 2006  
**Renewal Application Due Date:** April 9, 2011  
**Expiration Date:** June 28, 2011

**FLORIDA DEPARTMENT OF  
ENVIRONMENTAL PROTECTION**

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**Sandra F. Veazey**  
**Air Program Administrator**

SFV:kwc

**Section I. Facility Information.**

**Subsection A. Facility Description.**

This facility is an existing facility manufacturing outdoor and indoor signs for commercial and industrial establishments. Production of such signs consists of multiple types and forms, which can be made from different materials. The use of material containing VOCs and HAPs warrants this facility to keep records to verify potential emissions released. Activities at this facility consist of plastic cutting and forming, metal cutting and forming, machining and welding along with hand assembly and final painting. All painting and mixing of paints are done inside five enclosures (paint booths) as follows: (1) main paint booth, (2) secondary paint booth #1, (3) face paint booth, (4) mixing paint booth and (5) secondary paint booth #2. Occasionally, this facility operates a spray-lath enclosure where plastics not containing VOCs or HAPS are sprayed. All paint booths operate inside an enclosure, which has one open side through which air flows through filtered media and then through exhaust blowers and out through a stack. All painting booths are equipped with Dwyer pressure differential gauges, monitoring pressure drops across filtering media. Paint booths 1, 2, 3 and 4 are located inside the manufacturing building and have exhaust stacks routed outside through the building roof. Booth number 5 is located outside the building with an exhaust stack venting into the open air. The main paint booth is equipped with a natural gas fired heater rated at 1.65 MMBtu/hr. In accordance with Rule 62-210.300(3)(a)21., F.A.C., the natural gas-fired heater is exempt from permitting. In addition, machine welding at this facility is exempt from permitting in accordance with Rule 62-210.300(3)(a)16., F.A.C.

This facility's emissions are limited to 10 tons/year for any individual HAP and 25 tons/year for any total HAPs and total VOCs. These limitations are not included in this permit as specific conditions; however, the emissions are limited by the application fee and the fact that the facility will require a Title V operating permit if the denoted HAP limitations are exceeded.

Based on the permit application received June 21, 2006, this facility is not a major source of hazardous air pollutants (HAPs).

**Subsection B. Summary of Emissions Unit ID No(s). and Brief Description(s).**

**E.U. ID**

<b><u>No.</u></b>	<b><u>Brief Description</u></b>
001	Sign Painting Operation (5 spray booths)

*Please reference the Permit No., Facility ID No., and appropriate Emissions Unit(s) ID No(s). on all correspondence, test report submittals, applications, etc.*

**Subsection C. Relevant Documents.**

The documents listed below are not a part of this permit; however, they are specifically related to this permitting action.

These documents are on file with permitting authority:  
Permit Application received June 21, 2006

**Section II. Facility-wide Conditions.**

**The following conditions apply facility-wide:**

1. APPENDIX G-1, GENERAL CONDITIONS, is a part of this permit.
2. General Pollutant Emission Limiting Standards. Objectionable Odor Prohibited. The permittee shall not cause, suffer, allow, or permit the discharge of air pollutants that cause or contribute to an objectionable odor.  
[Rule 62-296.320(2), F.A.C. and Permit 0050089-001-AC]
3. General Particulate Emission Limiting Standards. General Visible Emissions Standard. Except for emissions units that are subject to a particulate matter or opacity limit set forth or established by rule and reflected by conditions in this permit, no person shall cause, let, permit, suffer or allow to be discharged into the atmosphere the emissions of air pollutants from any activity, the density of which is equal to or greater than 20 percent opacity. EPA Method 9 is the method of compliance pursuant to Chapter 62-297, F.A.C.  
[Rules 62-296.320(4)(b)1. & 4., F.A.C. and Permit 0050089-001-AC]
4. General Pollutant Emission Limiting Standards. Volatile Organic Compounds (VOC) Emissions or Organic Solvents (OS) Emissions. The permittee shall allow no person to store, pump, handle, process, load, unload or use in any process or installation, volatile organic compounds (VOC) or organic solvents (OS) without applying known and existing vapor emission control devices or systems deemed necessary and ordered by the Department. All containers used for temporary and permanent storage of VOC-containing fluids and/or VOC-soaked cleaning rags shall be tightly covered to prevent vaporization of VOC when not in use. All equipment, pipes, hoses, lids, fittings, etc. shall be operated/maintained in such a manner as to minimize leaks, fugitive emissions and spills of VOC material.  
[Rule 62-296.320(1)(a), F.A.C. and Permit 0050089-001-AC]
5. Reasonable precautions to prevent emissions of unconfined particulate matter at this facility include: All fugitive dust generated at this site, including but not limited to the cutting and forming, shall be adequately controlled by existing food housekeeping practices such as periodic sweeping/cleaning of work area and closing doors on windy days. Paint booth filters shall be maintained in such a ways as to insure proper airflow and cleaning efficiency.  
[Rule 62-296.320(4)(c)2., F.A.C. and Permit 0050089-001-AC]
6. Special Compliance Tests. When the Department, after investigation, has good reason (such as complaints, increased visible emissions or questionable maintenance of control equipment) to believe that any applicable emission standards contained in a Department rule or in a permit issued pursuant to those rules is being violated, it may require the owner or operator of the emissions unit to conduct compliance tests that identify the nature and quantity of pollutant emissions from the emissions unit and to provide a report on the results of said tests to the Department.  
[Rule 62-297.310, F.A.C.]

7. When appropriate, any recording, monitoring, or reporting requirements that are time-specific shall be in accordance with the effective date of the permit, which defines day one.  
[Rule 62-213.440, F.A.C.]

8. Sixty days prior to the expiration date of this operation permit, the Permittee shall submit two permit renewal applications using the current version of the renewal form along with the processing fee established in Rule 62-4.050(4), F.A.C., to the Northwest District office of the Department.  
[Rule 62-4.090, F.A.C.]

9. The permittee shall submit all compliance related notifications and reports required of this permit to the Department's Northwest District office:

Department of Environmental Protection  
Northwest District Office  
160 Governmental Center  
Pensacola, Florida 32502-5794  
Telephone: 850/595-8300; Fax: 850/595-8096

Notification of compliance testing may be submitted by electronic mail to [nwdair@dep.state.fl.us](mailto:nwdair@dep.state.fl.us). A copy of all compliance related notifications shall be sent to the Northwest District Branch Office in Panama City at 2353 Jenks Ave, Panama City FL 32405.

10. The Department telephone number for reporting problems, malfunctions or exceedances under this permit is 850/595-8300, extension 1220, day or night, and for emergencies involving a significant threat to human health or the environment is 800/320-0519. For routine business, telephone 850/595-8300, then press 7, during normal working hours.  
[Rules 62-210.700 and 62-4.130, F.A.C.]

11. Environmental Compliance Plan (ECP). This plan outlines the procedures the permittee incorporates during the normal operation of this facility and provides necessary assurance that the facility will operate in compliance. The permittee shall comply with the most recent Department-approved ECP.

*{Permitting Note: An Environmental Compliance Plan should be a living document that provides procedures to help in maintaining the subject facility in compliance with applicable air regulations. Keeping this document up to date with the facility's current activities will not require any permit action; however, modifications shall be submitted to the Department for approval. This does not alleviate the facility from the air construction permitting requirements for facility modifications (per Rule 62-210.300(1)(a), F.A.C.)}*

[Rule 62-4.070, F.A.C.]

**Section III. Emissions Unit(s) and Conditions.**

**Subsection A. This section addresses the following emissions unit(s).**

**E.U. ID**

<b><u>No.</u></b>	<b><u>Brief Description</u></b>
001	Sign Painting Operation (5 spray booths)

All painting and mixing of paints are done inside five enclosures (paint booths) which are as follows: (1) main paint booth, (2) secondary paint booth #1, (3) face paint booth, (4) mixing paint booth and (5) secondary paint booth #2. All paint booths operate inside an enclosure, which has one open side through which air flows through filtered media and then through exhaust blowers and out through a stack. All painting booths are equipped with Dwyer pressure differential gauges, monitoring pressure drops across filtering media. Paint booths 1, 2, 3 and 4 are located inside the manufacturing building and have exhaust stacks routed outside through the building roof. Booth 5 is located outside the building with an exhaust stack venting into the open air. The main paint booth is equipped with a natural gas fired heater rated at 1.65 MMBtu/hr. In accordance with Rule 62-210.300(3)(a)21., F.A.C., the natural gas-fired heater is exempt from permitting.

**The following specific conditions apply to the emissions unit listed above:**

**Essential Potential to Emit (PTE) Parameters**

*{Permitting Note: If facility-wide VOC or total HAP emissions are determined to be greater than 25 tons/rolling 12 month total or 10 tons of individual HAP/rolling total, the current air permit requirements and fee category shall be reevaluated for sufficiency. In addition, if either of the above-mentioned HAP emission thresholds are exceeded the facility will be deemed a major source with respect to Title V and out of compliance with this Non-Title V permit.}*

**A.1. Hours of Operation.** This emissions unit is allowed to operate continuously, i.e., 8,760 hours/year.

[Rules 62-4.160(2) and 62-210.200(PTE), F.A.C.]

**A.2. Paint booth air filters** shall be maintained in an appropriate manner to maintain proper airflows and cleaning efficiencies. *{Permitting Note: The attached ECP contains additional operation and maintenance procedures associated with the facility's paint booths.}*

[Rule 62-4.070, F.A.C.]

**Emission Limitations and Standards**

*{Permitting Notes: See Facility-wide Condition No. 3 for the emission unit's visible emission limit for the paint booths. No testing is required by this permit since the spray booths are only subject to this general visibility standard, but testing may be required by the Department, per Facility-Wide Condition No. 6.}*

**Recordkeeping and Reporting Requirements**

**A.3.** The permittee shall maintain monthly and rolling 12-month cumulative records of the total gallons of paint/sealer/cleaners, etc., used; the VOC and HAP content and density of each product (or any other information used to calculate emissions); and, the VOC, total HAP, and individual HAP emissions based on materials used. Each new month's information shall be available by the 10<sup>th</sup> day of each month. These records shall be made available for inspection by the Department upon request and retained for at least five years. *{Permitting Note: Recordkeeping forms are contained in the attached ECP.}*

[Rule 62-4.070, F.A.C.]

**Permit No.:** 0050089-002-AO

Appendix G-1

**GENERAL CONDITIONS:**

Page 1 of 2

1. The terms, conditions, requirements, limitations, and restrictions set forth in this permit are "permit conditions", and are binding and enforceable pursuant to Sections 403.141, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.
2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.
3. As provided in Subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations. This permit is not a waiver of or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in the permit.
4. This permit conveys no title to land or water, does not constitute State recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.
5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.
6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed and used by the permittee to achieve compliance with the conditions of this permit, are required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.
7. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at reasonable times, access to the premises where the permitted activity is located or conducted for the purpose of:
  - a. Have access to and copy any records that must be kept under conditions of this permit;
  - b. Inspect the facility, equipment, practices, or operations regulated or required under this permit;and,
  - c. Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.Reasonable time may depend on the nature of the concern being investigated.
8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:
  - a. A description of and cause of noncompliance; and
  - b. The period of noncompliance, including exact dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent

**Permit No.:** 0050089-002-AO

Appendix G-1

GENERAL CONDITIONS:

Page 2 of 2

recurrence of the noncompliance. The permittee shall be responsible for any and all damages that may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.

9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is proscribed by Sections 403.73 and 403.111, Florida Statutes. Such evidence shall only be used to the extent it is consistent with Florida Rules of Civil Procedure and appropriate evidentiary rules.

10. The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance, provided however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.

11. This permit is transferable only upon Department approval in accordance with Florida Administrative Code Rules 62-4.120 and 62-730.300, as applicable. The permittee shall be liable for any noncompliance of the permitted activity until the Department approves the transfer.

12. This permit or a copy thereof shall be kept at the work site of the permitted activity.

13. The permittee shall comply with the following:

a. Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.

b. The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report or application unless otherwise specified by Department rule.

c. Records of monitoring information shall include:

- the date, exact place, and time of sampling or measurement;
- the person responsible for performing the sampling or measurements;
- the dates analyses were performed;
- the person responsible for performing the analyses;
- the analytical techniques or methods used;
- the results of such analyses.

14. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware the relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.

# **Environmental Compliance Plan**

**For**

**Bell Signs, Inc.  
Panama City, FL**

**June 2006**

## Table of Contents

	Page
Introduction	3
Corporate Commitment	4
Operator Training	5
Plant Monitoring	6
Operation and Maintenance Plan	9
Facility Inspections	11
Records	12
Periodic Plan Review	13
Abnormal Events	14
Paint Booth Specification Sheet	15
Forms	16

## Introduction

This plan provides necessary information to demonstrate Owner's commitment to operate this facility in compliance with applicable laws and rules as specified in DEP Operation Permit.

The Plan was developed in accordance with the unique requirements for this facility and provides management and operators with adequate information and description regarding the design, operation and maintenance features of this facility. The Plan includes information concerning process control and performance evaluation for the facility, as well as equipment and procedural descriptions (including any notification/report requirements of appropriate agencies) for emergency operating conditions. Regular maintenance for plant equipment and monitoring procedures are also included.

This Plan includes the following elements:

1. Operator Training: Concerning plant operation, permit and other regulatory requirements.
2. Plant Monitoring: Establishment and use of parameters to monitor plant operation, such as paint booth Dwyer (pressure differential) gauges and visible emissions from booth exhaust stacks.
3. Recording of materials used in painting operation(s) including calculations of resultant air emissions and rolling twelve month totals for such emissions.
4. Operation and Maintenance Plan: Establishment and use of a plant specific Operation and Maintenance (O & M) Plan.
5. Facility Inspections: Use of periodic facility walk-through inspections by plant staff with specific inspection guidelines, checklists and record keeping.

## **Corporate Commitment**

Bell Signs, Inc. adheres to a company-wide environmental program. This program includes an environmental policy, environmental auditing procedures and employee education and involvement.

## **Operator Training**

This Plan represents continuing education program for all plant operators concerning plant operation, permit and other regulatory requirements. A copy of the approved Plan will be available to the operators, maintenance personnel, technicians, and laboratory personnel.

Personnel will be trained to operate facility in accordance to factory training manual and this Plan. Consequently, new employees will be trained within 90 days after commencement of employment and prior to unsupervised equipment operation.

Environmental education is key to maintaining successful environmental stewardship. Education includes new hire orientation and training sessions. During orientation, new hires are educated about the various permits, permit conditions and monitoring requirements.

The training sessions teach management and operating personnel about air emissions control, waste management, spill prevention, air permits and other environmental topics. These training sessions are intended to teach plant management the environmental issues so they, in turn, teach their employees.

Plant operators also get trained on how to read opacity from their stacks, which of course, is very important when operating paint booths. If paint booth is operating properly, there should be no visible emissions coming from the exhaust. Operators need to be trained to observe stack and see if there is anything coming out of the stack(s). If something is observed, painting should be halted and filters checked. Operators also need to be trained to observe Dwyer pressure gauges daily before commencing painting operation. If gauges are not within specified range, painting should be halted and gauges and filters checked.

## **Plant Monitoring**

This section establishes the use of parameters to monitor plant operation such as pressure differentials and visible emissions. Monitoring also includes recording of materials used on monthly basis and calculation of resulting air emissions. The monitoring will be carried out in the manner as described:

### **Paint Booths**

The performance parameters include such physical, chemical or electrical characteristics as are applicable to the particular paint booth. Such parameters generally include the following indicators.

- Condition of filtering media
- Dwyer gauge reading
- Presence of mist (opacity) from paint booth exhaust stack(s)
- Flow indicators placed on open faces of spray booths which can be gauges developed for that purpose or simple plastic strips hanging atop booth openings

The pressure drop across filters as measured by Dwyer gauges is a useful parameter to monitor paint booth performance. A given paint booth will operate within a certain pressure drop range.

A pressure drop much lower than the lower end of the operating range could indicate:

- Exhaust fan not running
- Filter media failure; holes in filter, or filter misalignment
- Ductwork structural failure

A pressure drop much higher than the upper end of the operating range could indicate:

- Plugged filters

Range of Dwyer differential pressure readings on all five paint booths is 0.9 to 1.6" W.G. 0.9" readings are when new filters are installed and 1.6" W.G. reading(s) indicates filters need to be replaced.

Weekly recording of Dwyer gauge readings on all paint booths and observation of stack gas opacity is conducted by the plant operator, as part of the weekly inspection (see Facility Inspections).

### **Material Monitoring**

Recording of materials used in painting operation and calculation of resultant air emissions will be conducted as follows:

At the beginning of each month, no later than the 10<sup>th</sup>, calculation of air emissions for previous month will be performed assuming that all VOC and HAP(s) contents in such materials become airborne during painting and are released into atmosphere through exhaust stack(s). Filtering media in paint booths eliminate only liquid mists and/or paint solids in (overspray), but do not capture any of the gases such as VOCs or HAPS. Therefore all contents of VOCs and HAPS as published in manufacturer's MSDS (Material Safety Data Sheet) must be accounted for when calculating air emissions. All HAPS are identified by CAS numbers and up to date list is listed on Florida web site [www.dep.state.fl.us/air/rules/fac/62-210.pdf](http://www.dep.state.fl.us/air/rules/fac/62-210.pdf) under definitions, hazardous air pollutant

Sample of calculation form is a part of this report. Calculations can also be computer generated.

Summary of calculated VOCs and HAPS will be shown on monthly summary form together with calculation of rolling twelve month totals for each pollutant.

Calculated rolling twelve month totals cannot exceed the following (as specified in DEP Operation Permit):

25 tons for VOCs  
25 tons for Total HAPS  
10 tons for any individual HAP

## **Operation and Maintenance Plan**

This section establishes a plant specific Operations and Maintenance (O & M) Plan. This element provides reasonable assurance that this facility can be effectively operated and maintained, through reasonable provisions for the operation and maintenance of the facility. Routine maintenance of equipment will be performed as needed to assure optimal operation. The facility shall be operated to control objectionable odors in accordance with Rule 62-296.320(2), F.A.C. Fuels, solvents, lubricants and other maintenance materials shall be stored in approved areas.

This plan includes a schedule for the maintenance and inspection of the all paint booths and Dwyer pressure differential gauges.

The Plan also contains inspection and maintenance schedules including periodic assessments of the condition of filtering media, Dwyer gauges, blowers, electric motors, belts and other equipment associated with operation of paint booths.

### **Startup of painting operation:**

Before commencing

Check and make sure that all filtering media is in place and in good working order .

Check and make sure that exhaust fan is operating.

Check Dwyer pressure differential gauge(s) and make sure they are in operating range.

### **Routine maintenance includes:**

MONTHLY

Apply grease to all grease fittings

Adjust all belt tensions

Blow out differential pressure lines

ANNUALLY

Shut down the plant's operations each year to conduct preventive maintenance procedures

## Facility Inspections

This element describes the use of periodic facility “walk-through inspections” by plant staff with specific inspection guidelines. The condition of facility will be noted and compared to it’s condition during the initial survey and during subsequent inspections.

Daily inspections are made by paint booth operator prior to paint booth startup as described in Startup Procedures to make sure paint booth’s components are in good working order.

### **Routine observations of the pollution control devices are:**

#### MONTHLY

Inspect integrity of paint booths, filtering media, Dwyer gauges, exhaust fans and stacks

Check fan

Check all belt tensions

#### ANNUALLY

Check paint booth(s) and other equipment for corrosion

Check all bolts and welds

Check ductwork for buildup of paint residue inside exhaust stack(s) to reduce fire hazard

## **Records**

Records of inspections, maintenance and performance data of paint booths and auxiliary equipment shall be retained for a minimum of five years and shall be made available to DEP upon request. These records are retained at the plant office.

### **Records requirements shall include:**

Weekly Records of paint booth operating parameters

Records of paint booth malfunctions or failures and corrective actions taken

Results of yearly compliance tests (visible emissions) required by DEP

Monthly records of material(s) usage and calculations of resultant air emissions. Also include rolling twelve month emissions totals.

Records of hours of operation for paint booth #1 heater.

## **Periodic Plan Review**

This plan will be reviewed at least annually from date of approval. This review will evaluate the effectiveness of the Plan and will make any changes necessary for the Plan to be continuously administered.

The Environmental Compliance Plan shall be updated as operations change, but no less frequently than upon renewal of permit. DEP shall be notified of changes to the this plan other than those required for routine maintenance. The Environmental Compliance Plan shall be revised when operational procedures change, to reflect any facility alterations performed or to reflect experience resulting from facility operation. The Company will periodically review and revise the operating protocol, as appropriate, to ensure satisfactory system performance.

## Abnormal Events

In the event the Company is temporarily unable to comply with any of the conditions of DEP permit due to breakdown of equipment, power outages, destruction by hazard of fire, wind or other cause, the Company will notify DEP. Notification shall be made in person, by telephone, or other means within 24 hours of breakdown or malfunction. The telephone number to call to notify DEP is **850 595-8364 ext. 1220**. For emergencies involving a significant threat to human health or the environment, **the number is 850 320-0519**.

A written report of any noncompliance referenced above shall be submitted to the Florida **Department of Environmental Protection, 160 Governmental Center, Pensacola, FL 32502-5794**, within 30 days after its occurrence. The report shall describe the nature and cause of the breakdown or malfunction, the steps being taken or planned to be taken to correct the problem and prevent it's reoccurrence, emergency procedures in use pending correction of the problem and time when the facility will again be operating in accordance with permit conditions.

If an emergency arises or there is any condition, which prevents the continued operation of the emissions control components or results in non-compliance with applicable regulations, the operator will:

Stop painting immediately

Notify Area Superintendent(s), as soon as practically possible, of the time, date and nature of the occurrence and the corrective action(s) taken

Ensure that the emission control components are in good working order before resuming production.

# **Paint Booth Specification Sheet**

Bell Signs, Inc.  
Paint Booth Info

850-456-4408

Attn: Chris Swiglin

### Main Paint Booth

Martech Model 50 Series Paint Booth

14'H x 26'L x 14'W

(2) 24" diameter capped stacks overall height is 36'

(1) 24" diameter heat inlet capped stack

The BTU input for the heating unit is max of 1650.000, min 121.500.

The fuel for the heating unit is natural gas at 1000 BTU/cu ft.

Heating unit is 15.000 SCFM against .50 in water column

(2) Dayton 24" Belt Driven Tubearial Fans

(20) 2" x 20 1/2" x 20 1/2" Frontline Green Fiberglass filters

Reading on Dwyer Mark II Nonometer is .90 when new filters are added. Allowed to go to 1.6 before filters have to be changed again. Normally filters are changed weekly.

### Open Booth (FACE PAINT BOOTH)

Martech Paint Booth

10'H x 14'L x 15'W

(1) 36" diameter capped stack overall height is 25'

(1) Dayton 36" Belt Driven Tubearial Fan

(40) 2" x 20 1/2" x 20 1/2" Frontline Green Fiberglass filters

Reading on Dwyer Mark II Nonometer is .90 when new filters are added. Allowed to go to 1.6 before filters have to be changed again. Normally filters are changed weekly.

### Small Closed Interior Booth (SECONDARY PAINT BOOTH #1)

Martech Paint Booth

10'H x 25'L x 12'W

(1) 34" diameter capped stack overall height is 24'

(1) Dayton 34" Belt Driven Tubearial Fan

(20) 1" x 20" x 20" Air Cobra Self-Sealing, Internal Wire Frame Ring Panel filters for the doors

(20) 2" x 20 1/2" x 20 1/2" Frontline Green Fiberglass filters

Reading on Dwyer Mark II Nonometer is .90 when new filters are added. Allowed to go to 1.6 before filters have to be changed again. Normally filters are changed weekly.

### Small Exterior Booth (SECONDARY PAINT BOOTH #2)

Martech Paint Booth

10'H x 25'L x 12'W

(1) 30" diameter capped stack overall height is 17'

(1) Dayton 30" Belt Driven Tubearial Fan

(40) 2" x 20 1/2" x 20 1/2" Frontline Green Fiberglass filters

Reading on Dwyer Mark II Nonometer is .90 when new filters are added. Allowed to go to 1.6 before filters have to be changed again. Normally filters are changed weekly.

### Mixing Booth

Martech Mixing Booth

8'H x 12'L x 8'W

(2) 2" x 20 1/2" x 20 1/2" Frontline Green Fiberglass filters

(1) 12" diameter capped stack overall height is 25'

(1) Dayton 12" Belt Driven Tubearial Fan

# **F o r m s**





**Bell Signs, Inc.**  
**Panama City, FL**

**Paint Booth Operation Log**

Date: \_\_\_\_\_ Inspector: \_\_\_\_\_

<b>Paint Booth</b>	<b>Dwyer Gauge Reading</b>	<b>Opacity Observed *</b>
#1		
#2		
#3		
#4		
#5		

\*Opacity (smoke) Y es or N o