Cash Receiving Application - Collection Point Log Remittance

Collection Point Log Remittance

CRAF006A

AREA: NWD

Total: $7,900.00

Remittance: 669810 | Type*: C | Received Date*: 04/21/2006 | Status: RECEIVED

SYS$RCPT: 540628 | PNR: | Check #*: 068194 | Amount*: 1,000.00

SSN/FE#:

Name*: BELL SIGNS INC

First: | Middle: | Title: | Suf:

Address1: 1200 BELL AVE

Address2:

Short Comments: 0050098001 - MBC

City: PANAMA CITY | ST: FL | Zip: 32401 | Country:

PAYMENT(S)

Payment#	Distr CL Area	Object Code/Description		Payment Amount	Reference#	Applic/ Fund *		status
741773	NWD	002222	AIR CONSTRUCT	$1,000.00	0050089001	ARM	PFTF	COMPLETE

COMMIT FREQUENTLY

$1,000.00 Payment total

Pensacola P.O.C., Inc.

109 South Second Street, Pensacola, FL 32507 Phone (850) 456-4406
Email: ppoc@bellsouth.net FAX (850) 456-4403
Environmental Permitting and Testing

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21 April 2006

Ms. Sandra F. Veazey
Air Program Administrator
Department of Environmental Protection
160 Governmental Center
Pensacola, FL 32502-5794

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

Dear Ms. Veazey,

Enclosed are four copies of a construction application for subject sign painting facility along with a check payable to DEP for $1,000.00 and one copy of the MSD sheets for products used.

If you have any questions, please give me a call.

Sincerely,

K. C. Sviglin, P.E.

enclosures

cc: Bell Signs – Frank Voelker
file

RECEIVED
APR 21 2006
NORTHWEST FLORIDA
DEP

Florida Department of Environmental Protection
Division of Air Resources Management
Application for Air Permit - Non-Title V Source
Construction Application

April 2006

RECEIVED
APR 2 1 2006
NORTHWEST FLORIDA
DEP

Bell Signs, Inc.

Panama City, FL

Table of Contents

Introduction
Emissions Calculations
Application
Doc. "A" – Area Map
Doc. "B" – Facility Plot Plan
Doc. "C" — Precautions to Prevent Emissions of Unconfined PM
Doc. "D" – Supplemental Information Required for Construction Application

Prepared by:
Pensacola P.O.C., Inc.
109 South Second Street
Pensacola, FL 32507

Copies to:
Bell Signs, Inc. - F. Voelker
DEP, - S. Veazey - (4 copies))
file

Introduction

Bell Signs, Inc. is an existing facility manufacturing outdoor and/or indoor signs for commercial and industrial establishments. Production of such signs consists of multiple types and forms, which can be made from different materials, but mainly metals and plastics. Also assorted types of painting materials are used in the finishing process.

Entire production activity is located inside industrial type building and consists of activities such as plastic cutting and forming, metal cutting, forming, machining and welding along with hand assembly and final painting. None of these activities, other than spray painting, produce significant amount of air emissions and need to be considered insignificant activities. Air emissions are created by spray-painting activity where parts or assembled signs are spray painted with multitude of painting products. All painting and/or mixing of paints is done inside 5 enclosures (paint booths) which are listed as follows:

1. Main paint booth
2. Secondary paint booth #1
3. Face paint booth
4. Mixing paint booth
5. Secondary paint booth #2

Facility also operates infrequently spray-lath enclosure where plastics not containing VOC's or HAPS are sprayed. Enclosure is not equipped with exhaust blower and filtering media; it is not vented.

All paint/mixing booths operate on the principle of controlled environment so that painting is done inside enclosure, which has one open side through which plant air flows and contaminated air is exhausted through filtered media through exhaust blower through exhaust stack located on top of enclosure. Booths listed as items 1, 2, 3 & 4 are located inside manufacturing building and have exhaust stack(s) routed outside through building roof. Booth listed as item 5 is located outside the building with exhaust stack venting into open air. List containing description, size of enclosures, filtering media, size of exhaust stacks, and other pertinent information is attached (Document "E"). All painting booths are equipped with Dwyer pressure differential gauges, monitoring pressure drop across

filtering media. Normal readings and readings at which filters are changed are listed on same list.

Main paint booth is equipped with natural gas fired heater rated at 1,650,000 BTUH. This heater is used no more than 5 hours/week, 52 weeks/year, which is 260 hours/year. Potential emissions calculations for this activity show emissions to be below 5 TPY, which qualifies this as an insignificant activity.

Since different painting materials are used in different paint/mixing booths and process changes as production changes, it is practical to assume that summary of all air pollutants, VOCs and HAPs be calculated as total for entire facility based on the following assumptions:

1. Filtering media captures all paint over sprays so that negligible amount of fine paint particulates and liquid caplets are released into atmosphere.
2. All VOC and hazardous air pollutants (HAPS) contained in painting materials are released into atmosphere.
3. VOC and HAPS are calculated based on MSD sheets furnished by material suppliers and facility proposed usage of such materials.
4. Emissions calculations for this application are based on current materials used and quantity of material, but periodic adjustments in calculating above will be done to incorporate new materials or delete ones no longer in use.

Facility is not permitted at this time. Until recently, it was considered insignificant source of air emissions, howerever, as production increased, facility usage of materials containing VOCs and HAPS has increased therefore the need for facility to obtain DEP permit to operate within required constraints for a minor source of air emissions. Calculation of present VOC and HAP emissions indicate that facility is not a major source of VOCs (100 TPY) or HAPS (10 TPY of individual HAP or 25 TPY of total HAPS) and it intends to stay within these limits for the foreseeable future. However, facility wishes to operate with emissions limits and materials containing VOC's and HAPS doubled than present calculations show. This will allow future growth within the next five years.

Facility is not exempt from permitting requirements according to Rule 62.210(3)(b) because it has potential to emit more than 1,000 lb/yr of HAPS.

Summary of air emissions is attached in Potential Emissions Calculations. It indicates potential emissions of 132,195.6 lb/yr (6.6 TPY) of VOCs and 4,413 lb/yr (2.2 TPY) of combined HAPS when using 20,938 lb/yr (10.5 TPY) of materials containing VOC's and/or HAPS. Calculations are based on 6 days/week. With future expansion in mind, facility is asking for a limit of 13.2 TPY of VOCs and 4.4 TPY of combined HAPS. To prove that emissions will not exceed allowable limits, calculations and monthly summaries using form(s) will be shown in ECP to be attached to operation application.

Although operating hours are 6 days/week, 10 hrs/day maximum, Bell Signs is requesting unlimited (8,760) hours of operation.

Bell Signs, Inc. is therefore applying for "after-the fact" construction permit and intends to obtain operation permit as soon as construction permit is issued.

One copy of MSD sheets is furnished with this application. The ECP (Environmental Compliance Plan) will be submitted with the operation application.

	MATERIAL DESCRIPTION	COMMON NAME	PRODUCT CODE ON MSDS	DENSITY LB/GAL	GAL USED IN FY05	LBS/YR	VOC's %W	VOC's %V	VOC's LBS/YR	HAP's NAME	HAP's CAS #	HAP's % W	HAP's %W	HAP's %V	HAP's LBS/YR
36	DUPONT PERFORMANCE COATINGS (DUPONT ANCILLARY PRODUCTS)	WASH PRIMER	691-475	7.90	167.00	1319.30	71.75%	85.19	946.60	MEK	78-43-3	3.10%			40.9 ~~0.00~~
	DUPONT PERFORMANCE COATINGS (DUPONT ANCILLARY PRODUCTS)	"		7.90	167.00					METHYL ISOBUTYL KETONE	108-10-1	12.0 12.50%	0.99		158.3 ~~164.91~~
56	DUPONT PERFORMANCE COATINGS (DUPONT ANCILLARY PRODUCTS)	WASH PRIMER ACTIVATOR	FG-476	6.86	162.00	1111.32	97.77%	99.07	1086.54	MEK METHYL ISO KETONE		28.9 13.2			32.2 33.8
38	DUPONT PERFORMANCE COATINGS (IMRON 2.1-HG, 2.8-HG,3.5- HG SOILD ENAMELS, IMRON 2.8FT-C, 3.4 HG-C, 3.5HG-C CLEARS; IMRON 2.8-PR PRIMERS)	CLEAR TOPCOAT	611P	8.13	12.00	97.56	46.96%	53.42	45.81	ETHYLBENZENE	100-41-4	0.30%	0.02		0.29
	DUPONT PERFORMANCE COATINGS (IMRON 2.1-HG, 2.8-HG,3.5- HG SOILD ENAMELS, IMRON 2.8FT-C, 3.4 HG-C, 3.5HG-C CLEARS; IMRON 2.8-PR PRIMERS)	"		8.13	12.00					ETHYLENE GLYCOL MONOBUTYL ETHER ACETATE	112-07-2	2.50%	0.20		2.44
	DUPONT PERFORMANCE COATINGS (IMRON 2.1-HG, 2.8-HG,3.5- HG SOILD ENAMELS, IMRON 2.8FT-C, 3.4 HG-C, 3.5HG-C CLEARS; IMRON 2.8-PR PRIMERS)	"		8.13	12.00					METHYL ETHYL KETONE	78-93-3	2.90%	0.24		2.83
	DUPONT PERFORMANCE COATINGS (IMRON 2.1-HG, 2.8-HG,3.5- HG SOILD ENAMELS, IMRON 2.8FT-C, 3.4 HG-C, 3.5HG-C CLEARS; IMRON 2.8-PR PRIMERS)	"		8.13	12.00					TOLUENE	108-88-3	4.80%	0.39		4.68
	DUPONT PERFORMANCE COATINGS (IMRON 2.1-HG, 2.8-HG,3.5- HG SOILD ENAMELS, IMRON 2.8FT-C, 3.4 HG-C, 3.5HG-C CLEARS; IMRON 2.8-PR PRIMERS)	"		8.13	12.00					XYLENE	1330-20-7	1.30%	0.11		1.27
39	DUPONT PERFORMANCE COATINGS (IMRON 2.1-HG, 2.8-HG,3.5- HG SOILD ENAMELS, IMRON 2.8FT-C, 3.4 HG-C, 3.5HG-C CLEARS; IMRON 2.8-PR PRIMERS)	2.8 HIGH BUILD PRIMER	62-1632	10.99	5.00	54.95	33.77%	53.66	18.56	ETHYLBENZENE	100-41-4	0.60%	0.07		0.33
	DUPONT PERFORMANCE COATINGS (IMRON 2.1-HG, 2.8-HG,3.5- HG SOILD ENAMELS, IMRON 2.8FT-C, 3.4 HG-C, 3.5HG-C CLEARS; IMRON 2.8-PR PRIMERS)	"		10.99	5.00					XYLENE	1330-20-7	2.40%	0.26		1.32
42	DUPONT PERFORMANCE COATINGS (IMRON 2.1-HG, 2.8-HG,3.5- HG SOILD ENAMELS, IMRON 2.8FT-C, 3.4 HG-C, 3.5HG-C CLEARS; IMRON 2.8-PR PRIMERS)	2.8 HIGH BUILD PRIMER	62-1060	10.97	11.00	120.67	33.89	53.72	40.90 ~~4089.51~~	ETHYLBENZENE	100-41-4	0.60%	0.07		0.72
	DUPONT PERFORMANCE COATINGS (IMRON 2.1-HG, 2.8-HG,3.5- HG SOILD ENAMELS, IMRON 2.8FT-C, 3.4 HG-C, 3.5HG-C CLEARS; IMRON 2.8-PR PRIMERS)	"		10.97	11.00					XYLENE	1330-20-7	2.40%	0.26		2.90
34	DUPONT PERFORMANCE COATINGS (IMRON ACTIVATORS AND ADDITIVES)	2.8 PRIMER ACTIVATOR	FG-062	9.10	4.00	36.40	25.00%	30.10	9.10	1,6-HEXAMETHYLENE DIISOCYANATE	822-06-0	0.20%	0.02		0.07
30	DUPONT PERFORMANCE COATINGS (IMRON ACTIVATORS AND ADDITIVES)	CLEAR ACTIVATOR	VGY 611	9.09	2.75	25.00	25.01%	30.20	6.25	ETHYLENE GLYCOL MONOBUTYL ETHER ACETATE	112-07-2	4.30%	0.39		1.07
	DUPONT PERFORMANCE COATINGS (IMRON ACTIVATORS AND ADDITIVES)	"		9.09	2.75					1,6-HEXAMETHYLENE DIISOCYANATE	822-06-0	0.10%	0.01		0.02

2,765.2 2,153.8 576.1

MATERIAL DESCRIPTION	COMMON NAME	PRODUCT CODE ON MSDS	DENSITY LB/GAL	GAL USED IN FY05	LBS/YR	VOC's %W	VOC's %V	VOC's LBS/YR	HAP's NAME	HAP's CAS #	HAP's % W	HAP's %W	HAP's %V	HAP's LBS/YR
DUPONT PERFORMANCE COATINGS (IMRON ACTIVATORS AND ADDITIVES)	"		9.09	2.75					1,6-HEXAMETHYLENE DIISOCYANATE	822-06-0	0.10%	0.01		0.02
31 DUPONT PERFORMANCE COATINGS (IMRON ACTIVATORS AND ADDITIVES)	TOPCOAT ACTIVATOR	VG-6005	9.35	215.00	2010.25	10.00%	12.77	201.03	1,6-HEXAMETHYLENE DIISOCYANATE	822-06-0	0.20%	0.02		4.02
34 DUPONT PERFORMANCE COATINGS (IMRON ACTIVATORS AND ADDITIVES)	ACCELERATOR	389S	8.14	5.00	40.70	99.00%	99.06	40.29	No HAPS					
35 DUPONT PERFORMANCE COATINGS (IMRON ACTIVATORS AND ADDITIVES)	FLATTENING CLEAR	RK-29000	8.77	1.00	8.77	42.48%	54.53	3.73	ETHYLBENZENE	100-41-4	0.20%	0.02		0.02
DUPONT PERFORMANCE COATINGS (IMRON ACTIVATORS AND ADDITIVES)	"		8.77	1.00					TOLUENE	108-88-3	4.40%	0.39		0.39
22 DUPONT PERFORMANCE COATINGS (IMRON ACTIVATORS AND ADDITIVES)	ROLLING ADDITIVE	RT002P	7.24	4.00	28.96	98.50%	98.81	28.53	ETHYLBENZENE	100-41-4	18.80%	1.36		5.44
DUPONT PERFORMANCE COATINGS (IMRON ACTIVATORS AND ADDITIVES)	"		7.24	4.00					XYLENE	1330-20-7	79.20%	5.73		22.94
54 DUPONT PERFORMANCE COATINGS (PRIMERS: ENAMEL, CHROMATE, CORLAR, AND VARIPRIME)	METALOK PRIMER	250S	11.62	2.00	23.24	33.05%	54.22	7.68	ETHYLBENZENE	100-41-4	0.20%	0.02		0.05
DUPONT PERFORMANCE COATINGS (PRIMERS: ENAMEL, CHROMATE, CORLAR, AND VARIPRIME)	"		11.62	2.00					METHYL ETHYL KETONE	78-93-3	2%	0.23		0.46
DUPONT PERFORMANCE COATINGS (PRIMERS: ENAMEL, CHROMATE, CORLAR, AND VARIPRIME)	"		11.62	2.00					METHYL ISOBUTYL KETONE	108-10-1	18%	2.09		4.18
DUPONT PERFORMANCE COATINGS (PRIMERS: ENAMEL, CHROMATE, CORLAR, AND VARIPRIME)	"		11.62	2.00					No xylene					~~0.00~~
46 DUPONT PERFORMANCE COATINGS (ISOCYANATE ACTIVATORS, HARDENERS, AND ADDITIVES)	METALOK ACTIVATOR	255S	6.87	2.00	13.74	88.89%	91.33	12.21	METHYL ISOBUTYL KETONE	108-10-1	27%	1.85		3.71
26 CLEARSTAR PAINTS AND COATINGS	LEW	LEW LIGHT ENHANCEMENT WHITE	9.80	97.00	950.60	30.91% ??	51.00	293.83 ~~#VALUE!~~						
27 CLEARSTAR PAINTS AND COATINGS	SOLVENT BASED ADHESION PROMOTER	SBAP / SAP	7.51	10.00	75.10	98.13% ??	75.00	73.7 ~~#VALUE!~~	XYLENE	1330-20-7	95.9			72.02 ~~0.00~~
CLEARSTAR PAINTS AND COATINGS	"		7.51	10.00					CHLOROBENZENE	108-90-7	0.5			0.38 ~~0.00~~
1 DUPONT PERFORMANCE COATINGS (IMRON 2.8 HC AND IMRON 3.5 HG CUSTOM COLORS, BINDERS AND TINTS)	3.5HG TINT	709P	8.30	2.00	16.60	51.19%	59.11	8.50	ETHYLBENZENE	100-41-4	0.50%	0.04		0.08
DUPONT PERFORMANCE COATINGS (IMRON 2.8 HC AND IMRON 3.5 HG CUSTOM COLORS, BINDERS AND TINTS)	"		8.30	2.00					XYLENE	1330-20-7	2.10%	0.17		0.35
2 DUPONT PERFORMANCE COATINGS (IMRON 2.8 HC AND IMRON 3.5 HG CUSTOM COLORS, BINDERS AND TINTS)	3.5HG TINT	713P	8.46	8.00	67.68	53.87%	60.82	36.46	ETHYLBENZENE	100-41-4	1.10%	0.09		0.74
DUPONT PERFORMANCE COATINGS (IMRON 2.8 HC AND IMRON 3.5 HG CUSTOM COLORS, BINDERS AND TINTS)	"		8.46	8.00					TOLUENE	108-88-3	1.10%	0.09		0.7
DUPONT PERFORMANCE COATINGS (IMRON 2.8 HC AND IMRON 3.5 HG CUSTOM COLORS, BINDERS AND TINTS)	"		8.46	8.00					XYLENE	1330-20-7	4.30%	0.36		2.91
3 DUPONT PERFORMANCE COATINGS (IMRON 2.8 HC AND IMRON 3.5 HG CUSTOM COLORS, BINDERS AND TINTS)	3.5HG TINT	714P	9.59	4.00	38.36	47.25%	58.88	18.13	ETHYLBENZENE	100-41-4	0.40%	0.04		0.15
								3,274.0						724.1				118.6

	MATERIAL DESCRIPTION	COMMON NAME	PRODUCT CODE ON MSDS	DENSITY LB/GAL	GAL USED IN FY05	LBS/YR	VOC's %W	VOC's %V	VOC's LBS/YR	HAP's NAME	HAP's CAS #	HAP's % W	HAP's %W	HAP's %V	HAP's LBS/YR
3 a,b,c	~~DUPONT PERFORMANCE COATINGS (IMRON 2.8 HC AND IMRON 3.5 HG CUSTOM COLORS, BINDERS AND TINTS)~~	"		9.59	4.00					XYLENE	1330-20-7	1.50%	0.14		✓ 0.58
4	DUPONT PERFORMANCE COATINGS (IMRON 2.8 HC AND IMRON 3.5 HG CUSTOM COLORS, BINDERS AND TINTS)	3.5HG TINT	715P	8.41	2.00	✓ 16.82	47.09%	53.07	✓ 7.92	ETHYLBENZENE	100-41-4	2.10%	0.18		✓ 0.35
	~~DUPONT PERFORMANCE COATINGS (IMRON 2.8 HC AND IMRON 3.5 HG CUSTOM COLORS, BINDERS AND TINTS)~~	"		8.41	2.00					XYLENE	1330-20-7	8.20%	0.69		✓ 1.38
6	DUPONT PERFORMANCE COATINGS (IMRON 2.8 HC AND IMRON 3.5 HG CUSTOM COLORS, BINDERS AND TINTS)	3.5HG TINT	717P	15.93	26.00	✓ 414.18	20.20%	47.62	✓ 83.66	No. HAPS					
7	DUPONT PERFORMANCE COATINGS (IMRON 2.8 HC AND IMRON 3.5 HG CUSTOM COLORS, BINDERS AND TINTS)	3.5HG TINT	718P	7.72	6.00	✓ 46.32	63.61%	72.25	✓ 29.46	TOLUENE	108-88-3	4.90%	0.38		✓ 2.27
8	DUPONT PERFORMANCE COATINGS (IMRON 2.8 HC AND IMRON 3.5 HG CUSTOM COLORS, BINDERS AND TINTS)	3.5HG TINT	719P	15.98	1.00	✓ 15.98	20.64%	48.56	✓ 3.30	TOLUENE	108-88-3	1.60%	0.26		✓ 0.2
9	DUPONT PERFORMANCE COATINGS (IMRON 2.8 HC AND IMRON 3.5 HG CUSTOM COLORS, BINDERS AND TINTS)	3.5HG TINT	720P	8.17	3.00	✓ 24.51	47.09%	56.61	✓ 11.54	TOLUENE	108-88-3	4.10%	0.33		✓ 1.00
10	DUPONT PERFORMANCE COATINGS (IMRON 2.8 HC AND IMRON 3.5 HG CUSTOM COLORS, BINDERS AND TINTS)	3.5HG TINT	721P	8.79	6.00	✓ 52.74	45.72%	58.90	✓ 24.11	No HAPS					
11	DUPONT PERFORMANCE COATINGS (IMRON 2.8 HC AND IMRON 3.5 HG CUSTOM COLORS, BINDERS AND TINTS)	3.5HG TINT	722P	12.08	2.00	✓ 24.16	31.96%	56.42	✓ 7.72	TOLUENE	108-88-3	5.80%	0.70		✓ 1.40
12	DUPONT PERFORMANCE COATINGS (IMRON 2.8 HC AND IMRON 3.5 HG CUSTOM COLORS, BINDERS AND TINTS)	3.5HG TINT	723P	8.44	13.00	✓ 109.72	48.24%	59.88	✓ 52.93	TOLUENE	108-88-3	2.20%	0.19		✓ 2.41
14	DUPONT PERFORMANCE COATINGS (IMRON 2.8 HC AND IMRON 3.5 HG CUSTOM COLORS, BINDERS AND TINTS)	3.5HG TINT	725P	8.25	3.00	✓ 24.75	56.24%	68.44	✓ 13.92	TOLUENE	108-88-3	1.90%	0.16		✓ 0.47
15	DUPONT PERFORMANCE COATINGS (IMRON 2.8 HC AND IMRON 3.5 HG CUSTOM COLORS, BINDERS AND TINTS)	3.5HG TINT	726P	8.43	4.00	✓ 33.72	46.78 ~~46.91%~~	58.18	15.77 ~~15.82~~	TOLUENE	108-88-3	3.30%	0.28		✓ 1.11
17	DUPONT PERFORMANCE COATINGS (IMRON 2.8 HC AND IMRON 3.5 HG CUSTOM COLORS, BINDERS AND TINTS)	3.5HG TINT	730P	9.16	2.00	✓ 18.32	46.37%	55.34	✓ 8.49						
18	DUPONT PERFORMANCE COATINGS (IMRON 2.8 HC AND IMRON 3.5 HG CUSTOM COLORS, BINDERS AND TINTS)	3.5 BINDER	40B or 740P	8.40	42.00	✓ 352.80	49.15%	56.32	✓ 173.40	ETHYLBENZENE	100-41-4	1.10%	0.09		✓ 3.88
	~~DUPONT PERFORMANCE COATINGS (IMRON 2.8 HC AND IMRON 3.5 HG CUSTOM COLORS, BINDERS AND TINTS)~~	"		~~8.40~~	~~42.00~~					ETHYLENE GLYCOL MONOBUTYL ETHER ACETATE	112-07-2	3%	0.25		✓ 10.58
	~~DUPONT PERFORMANCE COATINGS (IMRON 2.8 HC AND IMRON 3.5 HG CUSTOM COLORS, BINDERS AND TINTS)~~	"		~~8.40~~	~~42.00~~					METHYL ETHYL KETONE	78-93-3	1.10%	0.09		✓ 3.88
	~~DUPONT PERFORMANCE COATINGS (IMRON 2.8 HC AND IMRON 3.5 HG CUSTOM COLORS, BINDERS AND TINTS)~~	"		~~8.40~~	~~42.00~~					XYLENE	1330-20-7	4.30%	0.36		✓ 15.17
19	DUPONT PERFORMANCE COATINGS (IMRON 2.8 HC AND IMRON 3.5 HG CUSTOM COLORS, BINDERS AND TINTS)	3.5 BINDER	41B or 741 P	8.70	24.00	✓ 208.80	33.80%	40.67	✓ 70.57	ETHYLBENZENE	100-41-4	0.70%	0.06		✓ 1.46
	DUPONT PERFORMANCE COATINGS (IMRON 2.8 HC AND IMRON 3.5 HG CUSTOM COLORS, BINDERS AND TINTS)	"		8.70	24.00					ETHYLENE GLYCOL MONOBUTYL ETHER ACETATE	112-07-2	2.40%	0.21		✓ 5.01
	DUPONT PERFORMANCE COATINGS (IMRON 2.8 HC AND IMRON 3.5 HG CUSTOM COLORS, BINDERS AND TINTS)	"		8.70	24.00					METHYL ETHYL KETONE	78-93-3	1.10%	0.10		✓ 2.30
	DUPONT PERFORMANCE COATINGS (IMRON 2.8 HC AND IMRON 3.5 HG CUSTOM COLORS, BINDERS AND TINTS)	"		8.70	24.00					XYLENE	1330-20-7	3.00%	0.26		✓ 6.26
51	DUPONT PERFORMANCE COATINGS (IMRON ACTIVATORS AND ADDITIVES)	3.5 BINDER	60B	8.65	30.00	✓ 259.50	42.42 42.48%	54.53	110.13 ~~110.24~~	ETHYLBENZENE	100-41-4	0.7 ~~0.20%~~	0.02		1.82 ~~0.52~~
						1,602.3			612.9						61.59

XYLENE 2.0 5.19 4

	MATERIAL DESCRIPTION	COMMON NAME	PRODUCT CODE ON MSDS	DENSITY LB/GAL	GAL USED IN FY05	LBS/YR	VOC's %W	VOC's %V	VOC's LBS/YR	HAP's NAME	HAP's CAS #	HAP's % W	HAP's %W	HAP's %V	HAP's LBS/YR
	~~DUPONT PERFORMANCE~~ COATINGS (IMRON ACTIVATORS AND ADDITIVES)	"		8.65	30.00					TOLUENE	108-88-3	2.0 ~~1.40%~~	0.38		5.19 ~~11.42~~
52	DUPONT PERFORMANCE COATINGS (IMRON 2.8 HC AND IMRON 3.5 HG CUSTOM COLORS, BINDERS AND TINTS)	3.5 BINDER	85B	8.65	4.00	✓ 34.60	42.44 ~~49.15%~~	56.32	14.68 ~~17.01~~	ETHYLBENZENE	100-41-4	0.70%	0.06		✓ 0.24
	DUPONT PERFORMANCE COATINGS (IMRON 2.8 HC AND IMRON 3.5 HG CUSTOM COLORS, BINDERS AND TINTS)	"		8.65	4.00					ETHYLENE GLYCOL MONOBUTYL ETHER ACETATE	112-07-2	1.0 ~~2.40%~~	0.21		0.35 ~~0.83~~
	DUPONT PERFORMANCE COATINGS (IMRON 2.8 HC AND IMRON 3.5 HG CUSTOM COLORS, BINDERS AND TINTS)	"		8.65	4.00					TOLUENE ~~METHYL ETHYL KETONE~~	~~78-93-3~~	2.0 ~~4.10%~~	0.10		0.70 ~~0.86~~
	DUPONT PERFORMANCE COATINGS (IMRON 2.8 HC AND IMRON 3.5 HG CUSTOM COLORS, BINDERS AND TINTS)	"		8.65	4.00					XYLENE	1330-20-7	2.0 ~~3.06%~~	0.26		0.70 ~~1.04~~
45	DUPONT PERFORMANCE COATINGS (IMRON 5000 POLYURETHANE ENAMEL	ACCELERATOR	8989S	8.12	13.25	✓ 107.59	95.00%	95.32	✓ 102.21	NO HAPS					
20	DUPONT PERFORMANCE COATINGS (DUPONT THINNERS AND REDUCERS)	3.5HG REDUCER	Y32035	6.67	14.00	✓ 93.38	100.00%	100.00	✓ 93.38	METHYL ETHYL KETONE	78-93-3	98.50%	6.57		✓ 91.9
23	DUPONT PERFORMANCE COATINGS (DUPONT THINNERS AND REDUCERS)	3.5HG REDUCER	68083	7.53	161.00	✓ 1212.33	100.00%	100.00	✓ 1212.33	ETHYLBENZENE	100-41-4	10%	0.75		✓ 121.23
	DUPONT PERFORMANCE COATINGS (DUPONT THINNERS AND REDUCERS)	"		7.53	161.00					ETHYLENE GLYCOL MONOBUTYL ETHER ACETATE	112-07-2	50%	3.77		✓ 606.17
	DUPONT PERFORMANCE COATINGS (DUPONT THINNERS AND REDUCERS)	"		7.53	161.00					XYLENE	1330-20-7	39.70%	2.99		✓ 481.30
	CLEARSTAR PAINTS AND COATINGS (ACCELERATED REDUCER)	ACCELERATED REDUCER	CS2008 or R2008	8.20	29.00	✓ 237.80	100.00%	??	237.80	METHYL ETHYL KETONE	78-93-3		NO	HAPS	0.00
24	CLEARSTAR PAINTS AND COATINGS (ACCELERATED REDUCER)	"		8.20	29.00					XYLENE	1330-20-7	?	NO	HAPS	0.00
49	CLEARSTAR PAINTS AND COATINGS	BACK LITE WHITE	SBPCBLW / BLW	9.10	82.00	✓ 746.20	58.52%	65.00	✓ 436.68	~~METHYL ISOBUTYL KETONE~~	~~108-10-1~~	?			0.00
	CLEARSTAR PAINTS AND COATINGS	"		9.10	82.00					ETHYLENE GLYCOL MONOBUTYL ETHER	111-76-2	3.70%	0.34		✓ 27.61
	CLEARSTAR PAINTS AND COATINGS	"		9.10	82.00					TOLUENE	108-88-3	7%	0.64		✓ 52.23
	CLEARSTAR PAINTS AND COATINGS	"		9.10	82.00					BENZENE	71-43-2	1%	0.09		✓ 7.46
	CLEARSTAR PAINTS AND COATINGS	"		9.10	82.00					METHANOL	67-56-1	1%	0.09		✓ 7.46
48	QUILL HAIR & FERRULE (PLASTIC MIXED COLORS)	3.5 HG MIXED COLOR	MIXED COLORS	8.60	564.00	✓ 4850.40	5.3#/gal	52.43	2989.2 #VALUE!	No MIK	108-10-1				0.00
	QUILL HAIR & FERRULE (PLASTIC MIXED COLORS)	"		8.60	564.00					~~BENZENE~~	~~71-36-3~~	~~1%~~	~~0.09~~	NO	~~48.50~~
	QUILL HAIR & FERRULE (PLASTIC MIXED COLORS)	"		8.60	564.00					ETHYLENE GLYCOL MONOBUTYL ETHER	111-76-2	3.70%	0.32		✓ 179.46
	QUILL HAIR & FERRULE (PLASTIC MIXED COLORS)	"		8.60	564.00					TOLUENE	108-88-3	9%	0.77		✓ 436.54
	QUILL HAIR & FERRULE (PLASTIC MIXED COLORS)	"		8.60	564.00					METHANOL	67-56-1	1%	0.09		✓ 48.50
	QUILL HAIR & FERRULE (PLASTIC MIXED COLORS)	"		8.60	564.00					ETHYLBENZENE	100-41-4	1.70%	0.15		✓ 82.46
	QUILL HAIR & FERRULE (PLASTIC MIXED COLORS)	"		8.60	564.00				617.53	XYLENE	1330-20-7	9%	0.77		✓ 436.54
25	CLEARSTAR PAINTS AND COATINGS	PLASTIC INTERMIX BINDER	PIB or SBACB	7.30	99.00	722.70	85.42	82.00	#VALUE!	~~METHYL ISOBUTYL KETONE~~	~~108-10-1~~				~~0.00~~
	CLEARSTAR PAINTS AND COATINGS	"		7.30	99.00					ETHYLENE GLYCOL MONOBUTYL ETHER	111-76-2	3.70%	0.27		✓ 26.74
	CLEARSTAR PAINTS AND COATINGS	"		7.30	99.00					TOLUENE	108-88-3	9%	0.66		✓ 65.04

8,005 5,703.6 2,677.9

5

MATERIAL DESCRIPTION	COMMON NAME	PRODUCT CODE ON MSDS	DENSITY LB/GAL	GAL USED IN FY05	LBS/YR	VOC's %W	VOC's %V	VOC's LBS/YR	HAP's NAME	HAP's CAS #	HAP's % W	HAP's %W	HAP's %V	HAP's LBS/YR
CLEARSTAR PAINTS AND COATINGS	"		7.30	99.00					BENZENE	71-43-2	1%	0.07		7.23
CLEARSTAR PAINTS AND COATINGS	"		7.30	99.00					METHANOL	67-56-1	1%	0.07		7.23
47 CLEARSTAR PAINTS AND COATINGS	ALCOHOL REDUCER MEDIUM	R2004/UCRA66FFGL	6.80	265.00	1802.00	100.00%	100.00	1802.00	~~METHYL ISOBUTYL KETONE~~	~~108-10-1~~				~~0.00~~
CLEARSTAR PAINTS AND COATINGS	"		6.80	265.00					ETHYLENE GLYCOL MONOBUTYL ETHER	111-76-2	3.70%	0.25		66.67
CLEARSTAR PAINTS AND COATINGS	"		6.80	265.00					TOLUENE	108-88-3	7%	0.48		126.14
CLEARSTAR PAINTS AND COATINGS	"		6.80	265.00					BENZENE	71-43-2	1%	0.07		18.02
CLEARSTAR PAINTS AND COATINGS	"		6.80	265.00					METHANOL	67-56-1	1%	0.07		18.02
					1,802.0			1,802.0						243.3
CURRENT USAGE:				YEARLY TOTAL ON A 5 DAY WORK WEEK:	17448.52		YEARLY TOTAL ON A 5 DAY WORK WEEK:	10,996.4 #VALUE!					YEARLY TOTAL ON A 5 DAY WORK WEEK:	3,677.5 ~~1208.31~~
USAGE FOR A 6-DAY WORK WEEK. THIS IS THE AMOUNT WE WANT TO PERMIT FOR:				YEARLY TOTAL ON A 6 DAY WORK WEEK:	20,938 ~~21003.16~~		YEARLY TOTAL ON A 6 DAY WORK WEEK:	13,195.6 ~~13533.43~~					YEARLY TOTAL ON A 6 DAY WORK WEEK:	4,415.0 ~~1450.76~~

#NAME?
#NAME?
If no product purchased in 2005, then row was deleted

Emissions associated with main paint booth heater:

Heat Rating: 1,650,000 BTUH

Fuel: Natural Gas

Operating Hours: 5 hr/week, 52 weeks/year = 260 hr/yr

Potential Hours: 8,760 hr/yr

Fuel Usage: 1,650,000 BTUH/1050 BTU/CF = 1,571 CFH

With unlimited hours of 8,760 hr/yr: Yearly fuel usage is 13.76 MM CF/yr

AP 42, Chapter 1.4, Table 1.4-1
Residential furnaces, (no SCC code)
Emission factors are:
NOX = 94 lb/MM CF
CO = 40 lb/MM CF

Potential yearly emissions:
NOX = 13.76 MM CF x 94 lb/MM CF / 2,000 = 0.65 TPY
CO = 13.76 MM CF x 40 lb/MM CF / 2,000 = 0.2 TPY

This activity qualifies for generic exemption according to Rule 62-210.(300)(3)(a) because it emits less than 5 TPY of any regulated pollutant.

Department of Environmental Protection

Division of Air Resources Management

APPLICATION FOR AIR PERMIT - NON-TITLE V SOURCE

See Instructions for Form No. 62-210.900(3)

I. APPLICATION INFORMATION

Identification of Facility

1. Facility Owner/Company Name: Bell Signs, Inc.	
2. Site Name: Bell Signs, Inc.	
3. Facility Identification Number: [x] Unknown	
4. Facility Location: Street Address or Other Locator: 1200 Bell Avenue City: Panama City County: Bay Zip Code: 32401	
5. Relocatable Facility? [ ] Yes [x] No	6. Existing Permitted Facility? [ ] Yes [x] No

Application Contact

1. Name and Title of Application Contact: K. C. Sviglin
2. Application Contact Mailing Address: Organization/Firm: Street Address: 109 South Second Street City: Pensacola State: FL Zip Code: 32507
3. Application Contact Telephone Numbers: Telephone: (850) 456-4406 Fax: (850) 456-4403

Application Processing Information (DEP Use)

1. Date of Receipt of Application:	
2. Permit Number:	

Purpose of Application

Air Operation Permit Application

This Application for Air Permit is submitted to obtain: (Check one)

[ ] Initial non-Title V air operation permit for one or more existing, but previously unpermitted, emissions units.

[ ] Initial non-Title V air operation permit for one or more newly constructed or modified emissions units.

Current construction permit number:_____

[ ] Non-Title V air operation permit revision to address one or more newly constructed or modified emissions units.

Current construction permit number:_____

Operation permit number to be revised:_____

[ ] Initial non-Title V air operation permit under Rule 62-210.300(2)(b), F.A.C., for an existing facility seeking classification as a synthetic non-Title V source.

Current operation/construction permit number(s):

_____

[ ] Non-Title V air operation permit revision for a synthetic non-Title V source. Give reason for revision; e.g., to address one or more newly constructed or modified emissions units.

Operation permit number to be revised:_____

Reason for revision:_____

Air Construction Permit Application

This Application for Air Permit is submitted to obtain: (Check one)

[ ] Air construction permit to construct or modify one or more emissions units.

[ ] Air construction permit to make federally enforceable an assumed restriction on the potential emissions of one or more existing, permitted emissions units.

[x] Air construction permit for one or more existing, but unpermitted, emissions units.

Owner/Authorized Representative

1.	Name and Title of Owner/Authorized Representative: Frank R.G. Voelker, Plant Manager
2.	Owner/Authorized Representative Mailing Address: Organization/Firm: Bell Signs, Inc. Street Address: 1200 Bell Avenue City: Panama City State: FL Zip Code: 32401
3.	Owner/Authorized Representative Telephone Numbers: Telephone: (850) 763-7982 ext. 143 Fax: (850) 769-1290
4.	Owner/Authorized Representative Statement: *I, the undersigned, am the owner or authorized representative* of the facility addressed in this application. I hereby certify, based on information and belief formed after reasonable inquiry, that the statements made in this application are true, accurate and complete and that, to the best of my knowledge, any estimates of emissions reported in this application are based upon reasonable techniques for calculating emissions. The air pollutant emissions units and air pollution control equipment described in this application will be operated and maintained so as to comply with all applicable standards for control of air pollutant emissions found in the statutes of the State of Florida and rules of the Department of Environmental Protection and revisions thereof. I understand that a permit, if granted by the Department, cannot be transferred without authorization from the Department, and I will promptly notify the Department upon sale or legal transfer of any permitted emissions unit.* Frank RG Voelker 4/17/06 Signature Date

* Attach letter of authorization if not currently on file.

Professional Engineer Certification

1.	Professional Engineer Name: K. C. Sviglin Registration Number: 49223
2.	Professional Engineer Mailing Address: Organization/Firm: Street Address: 109 South Second Street City: Pensacola State: FL Zip Code: 32507
3.	Professional Engineer Telephone Numbers: Telephone: (850) 456-4406 Fax: (850) 456-4403

4. Professional Engineer Statement:

I, the undersigned, hereby certify, except as particularly noted herein, that:*

(1) To the best of my knowledge, there is reasonable assurance that the air pollutant emissions unit(s) and the air pollution control equipment described in this Application for Air Permit, when properly operated and maintained, will comply with all applicable standards for control of air pollutant emissions found in the Florida Statutes and rules of the Department of Environmental Protection; and

(2) To the best of my knowledge, any emission estimates reported or relied on in this application are true, accurate, and complete and are either based upon reasonable techniques available for calculating emissions or, for emission estimates of hazardous air pollutants not regulated for an emissions unit addressed in this application, based solely upon the materials, information and calculations submitted with this application.

If the purpose of this application is to obtain an air construction permit for one or more proposed new or modified emissions units (check here [x], if so), I further certify that the engineering features of each such emissions unit described in this application have been designed or examined by me or individuals under my direct supervision and found to be in conformity with sound engineering principles applicable to the control of emissions of the air pollutants characterized in this application.

If the purpose of this application is to obtain an initial air operation permit or operation permit revision for one or more newly constructed or modified emissions units (check here [ ], if so), I further certify that, with the exception of any changes detailed as part of this application, each such emissions unit has been constructed or modified in substantial accordance with the information given in the corresponding application for air construction permit and with all provisions contained in such permit.

K. G. Smith

Signature

4/20/06

Date

(seal)

* Attach any exception to certification statement.

Scope of Application

Emissions Unit ID	Description of Emissions Unit	Permit Type	Processing Fee
001	Sign painting operation	AC1E	1000.00

Application Processing Fee

Check one: [x] Attached - Amount: $_1,000.00_____ [ ] Not Applicable_

Construction/Modification Information

1. Description of Proposed Project or Alterations: See "Introduction"
2. Projected or Actual Date of Commencement of Construction: N/A
3. Projected Date of Completion of Construction: N/A

Application Comment

The purpose of this application is to obtain an "after-the-fact" construction permit for an existing but unpermitted facility.

II. FACILITY INFORMATION

A. GENERAL FACILITY INFORMATION

Facility Location and Type

1. Facility UTM Coordinates: Zone: East (km): North (km):			
2. Facility Latitude/Longitude: Latitude (DD/MM/SS): 30/09/47 Longitude (DD/MM/SS): 85/39/46			
3. Governmental Facility Code: 0	4. Facility Status Code: AC	5. Facility Major Group SIC Code: 39	6. Facility SIC(s):
7. Facility Comment (limit to 500 characters): See "Introduction"			

Facility Contact

1. Name and Title of Facility Contact: Frank R. G. Voelker, Plant Manager
2. Facility Contact Mailing Address: Organization/Firm: Bell Signs, Inc. Street Address: 1200 Bell Avenue City: Panama City State: FL Zip Code: 33401
3. Facility Contact Telephone Numbers: Telephone: (850) 763-7982 ext. 143 Fax: (850) 769-1290

Facility Regulatory Classifications

Check all that apply:

1. [ ] Small Business Stationary Source?	[x] Unknown
2. [ ] Synthetic Non-Title V Source?	
3. [ ] Synthetic Minor Source of Pollutants Other than HAPs?	
4. [x] Synthetic Minor Source of HAPs?	
5. [ ] One or More Emissions Units Subject to NSPS?	
6. [ ] One or More Emission Units Subject to NESHAP Recordkeeping or Reporting?	
7. Facility Regulatory Classifications Comment (limit to 200 characters): 62-4 F.A.C.	

Rule Applicability Analysis

B. FACILITY POLLUTANTS

List of Pollutants Emitted

1. Pollutant Emitted	2. Pollutant Classif.	3. Requested Emissions Cap		4. Basis for Emissions Cap	5. Pollutant Comment
		lb/hour	tons/year		

C. FACILITY SUPPLEMENTAL INFORMATION

Supplemental Requirements

1. Area Map Showing Facility Location: [x] Attached, Document ID:__Doc. A [ ] Not Applicable [ ] Waiver Requested
2. Facility Plot Plan: [x] Attached, Document ID:_Doc. B [ ] Not Applicable [ ] Waiver Requested
3. Process Flow Diagram(s): [ ] Attached, Document ID:_ [x] Not Applicable [ ] Waiver Requested
4. Precautions to Prevent Emissions of Unconfined Particulate Matter: [x] Attached, Document ID:_Doc. C [ ] Not Applicable [ ] Waiver Requested
5. Supplemental Information for Construction Permit Application: [x] Attached, Document ID: Doc. D__[ ] Not Applicable
6. Supplemental Requirements Comment:

III. EMISSIONS UNIT INFORMATION

A separate Emissions Unit Information Section (including subsections A through G as required) must be completed for each emissions unit addressed in this Application for Air Permit. If submitting the application form in hard copy, indicate, in the space provided at the top of each page, the number of this Emissions Unit Information Section and the total number of Emissions Unit Information Sections submitted as part of this application.

A. GENERAL EMISSIONS UNIT INFORMATION

Emissions Unit Description and Status

1. Type of Emissions Unit Addressed in This Section: (Check one)

[ ] This Emissions Unit Information Section addresses, as a single emissions unit, a single process or production unit, or activity, which produces one or more air pollutants and which has at least one definable emission point (stack or vent).

[x] This Emissions Unit Information Section addresses, as a single emissions unit, a group of process or production units and activities which has at least one definable emission point (stack or vent) but may also produce fugitive emissions.

[ ] This Emissions Unit Information Section addresses, as a single emissions unit, one or more process or production units and activities which produce fugitive emissions only.

2. Description of Emissions Unit Addressed in This Section (limit to 60 characters): Sign painting operation

3. Emissions Unit Identification Number: ID: 001		[ ] No ID [ ] ID Unknown
4. Emissions Unit Status Code: A	5. Initial Startup Date: N/A	6. Emissions Unit Major Group SIC Code: 39

7. Emissions Unit Comment: (Limit to 500 Characters) See "Introduction"

Emissions Unit Information Section ___1___ of ___1___

Emissions Unit Control Equipment

1. Control Equipment/Method Description (limit to 200 characters per device or method): All five paint booths are equipped with fiberglass disposable filters as listed in Document "D".
2. Control Device or Method Code(s):099

Emissions Unit Details

1. Package Unit: See Document "D" Manufacturer:	Model Number:	
2. Generator Nameplate Rating: N/A	MW	
3. Incinerator Information: N/A Dwell Temperature: Dwell Time: Incinerator Afterburner Temperature:		°F seconds °F

Emissions Unit Operating Capacity and Schedule

1. Maximum Heat Input Rate:	1.65		mmBtu/hr
2. Maximum Incineration Rate: N/A	lb/hr		tons/day
3. Maximum Process or Throughput Rate: 42,876 lb/yr of paint			
4. Maximum Production Rate: N/A			
5. Requested Maximum Operating Schedule:			
	hours/day		days/week
	weeks/year		8,760 hours/year
6. Operating Capacity/Schedule Comment (limit to 200 characters):			

B. EMISSION POINT (STACK/VENT) INFORMATION

Emission Point Description and Type

1. Identification of Point on Plot Plan or Flow Diagram? Vents 1-5	2. Emission Point Type Code: 3	
3. Descriptions of Emission Points Comprising this Emissions Unit for VE Tracking (limit to 100 characters per point): Vents 1-5		
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common: N/A		
5. Discharge Type Code: V	6. Stack Height: varies feet	7. Exit Diameter: varies feet
8. Exit Temperature: ambient °F	9. Actual Volumetric Flow Rate: varies acfm	10. Water Vapor: ambient %
11. Maximum Dry Standard Flow Rate: dscfm	12. Nonstack Emission Point Height: feet	
13. Emission Point UTM Coordinates: Zone: East (km): North (km):		
14. Emission Point Comment (limit to 200 characters): See Document "D"		

C. SEGMENT (PROCESS/FUEL) INFORMATION

Segment Description and Rate: Segment _1____ of __1___

1. Segment Description (Process/Fuel Type) (limit to 500 characters): Petroleum solvent evaporation; surface coating operations, surface coating application general, paint solvent base		
2. Source Classification Code (SCC): 40200101	3. SCC Units: tons coating mix applied	
4. Maximum Hourly Rate:	5. Maximum Annual Rate: 20.9 TPY	6. Estimated Annual Activity Factor:
7. Maximum % Sulfur: N/A	8. Maximum % Ash: N/A	9. Million Btu per SCC Unit: N/A
10. Segment Comment (limit to 200 characters):		

Segment Description and Rate: Segment _____ of _____ N/A

1. Segment Description (Process/Fuel Type) (limit to 500 characters):		
2. Source Classification Code (SCC):	3. SCC Units:	
4. Maximum Hourly Rate:	5. Maximum Annual Rate:	6. Estimated Annual Activity Factor:
7. Maximum % Sulfur:	8. Maximum % Ash:	9. Million Btu per SCC Unit:
10. Segment Comment (limit to 200 characters):		

Emissions Unit Information Section 1 **of** 1

Pollutant Detail Information Page 1 **of** 2

D. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION

Potential Emissions

1. Pollutant Emitted: VOC	2. Pollutant Regulatory Code: NS	
3. Primary Control Device Code: -0-	4. Secondary Control Device Code: -0-	5. Total Percent Efficiency of Control: -0-
6. Potential Emissions: lb/hour 6.6 tons/year		7. Synthetically Limited? [N]
8. Emission Factor: N/A Reference:		9. Emissions Method Code: 2
10. Calculation of Emissions (limit to 600 characters): See "Emissions Calculations"		
11. Pollutant Potential Emissions Comment (limit to 200 characters):		

Allowable Emissions Allowable Emissions _____ of _____ N/A

1. Basis for Allowable Emissions Code:	2. Future Effective Date of Allowable Emissions:
3. Requested Allowable Emissions and Units:	4. Equivalent Allowable Emissions: lb/hour tons/year
5. Method of Compliance (limit to 60 characters):	
6. Allowable Emissions Comment (Desc. of Operating Method) (limit to 200 characters):	

Emissions Unit Information Section 1 **of** 1

Pollutant Detail Information Page 2 **of** 2

D. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION

Potential Emissions

1. Pollutant Emitted: HAPS	2. Pollutant Regulatory Code: EL	
3. Primary Control Device Code: -0-	4. Secondary Control Device Code: -0-	5. Total Percent Efficiency of Control: -0-
6. Potential Emissions: lb/hour 2.2 tons/year		7. Synthetically Limited? [Y]
8. Emission Factor: N/A Reference:		9. Emissions Method Code: 2
10. Calculation of Emissions (limit to 600 characters): See "Emissions Calculations"		
11. Pollutant Potential Emissions Comment (limit to 200 characters):		

Allowable Emissions Allowable Emissions 1 of 1

1. Basis for Allowable Emissions Code: ESCTIII	2. Future Effective Date of Allowable Emissions:
3. Requested Allowable Emissions and Units: 2.2 TPY	4. Equivalent Allowable Emissions: lb/hour tons/year
5. Method of Compliance (limit to 60 characters): By limiting usage of materials	
6. Allowable Emissions Comment (Desc. of Operating Method) (limit to 200 characters): HAP emissions will be limited by limiting usage of painting materials containing HAPS to 20.9 TPY	

E. VISIBLE EMISSIONS INFORMATION
(Only Emissions Units Subject to a VE Limitation)

Visible Emissions Limitation: Visible Emissions Limitation ___1___ of __1____

1. Visible Emissions Subtype: VE05	2. Basis for Allowable Opacity: [x] Rule [ ] Other
3. Requested Allowable Opacity: Normal Conditions: 5% Exceptional Conditions: 5 % Maximum Period of Excess Opacity Allowed: -0- min/hour	
4. Method of Compliance: Initial ½ hr visible emissions test on each paint booth exhaust to be submitted with operation application.	
5. Visible Emissions Comment (limit to 200 characters):	

F. CONTINUOUS MONITOR INFORMATION N/A
(Only Emissions Units Subject to Continuous Monitoring)

Continuous Monitoring System: Continuous Monitor _____ of _____

1. Parameter Code:	2. Pollutant(s):
3. CMS Requirement:	[ ] Rule [ ] Other
4. Monitor Information: Manufacturer: Model Number: Serial Number:	
5. Installation Date:	6. Performance Specification Test Date:
7. Continuous Monitor Comment (limit to 200 characters):	

G. EMISSIONS UNIT SUPPLEMENTAL INFORMATION

Supplemental Requirements

1. Process Flow Diagram [ ] Attached, Document ID: [ ] Not Applicable [ ] Waiver Requested
2. Fuel Analysis or Specification [ ] Attached, Document ID:_____ [x] Not Applicable [ ] Waiver Requested
3. Detailed Description of Control Equipment [x] Attached, Document ID:_Doc.D_ [ ] Not Applicable [ ] Waiver Requested
4. Description of Stack Sampling Facilities [ ] Attached, Document ID:_____ [x] Not Applicable [ ] Waiver Requested
5. Compliance Test Report [ ] Attached, Document ID:_____ [ ] Previously submitted, Date:_____ [x] Not Applicable
6. Procedures for Startup and Shutdown [ ] Attached, Document ID: *__ [x] Not Applicable [ ] Waiver Requested • ECP (Environmental Compliance Plan) will be submitted with operation application
7. Operation and Maintenance Plan [ ] Attached, Document ID:_See ECP [ ] Not Applicable [ ] Waiver Requested
8. Supplemental Information for Construction Permit Application [x] Attached, Document ID:_Doc. D_ [ ] Not Applicable
9. Other Information Required by Rule or Statute [ ] Attached, Document ID:_____ [x] Not Applicable
10. Supplemental Requirements Comment:

MAPQUEST

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Panama City FL
32401-2217 US

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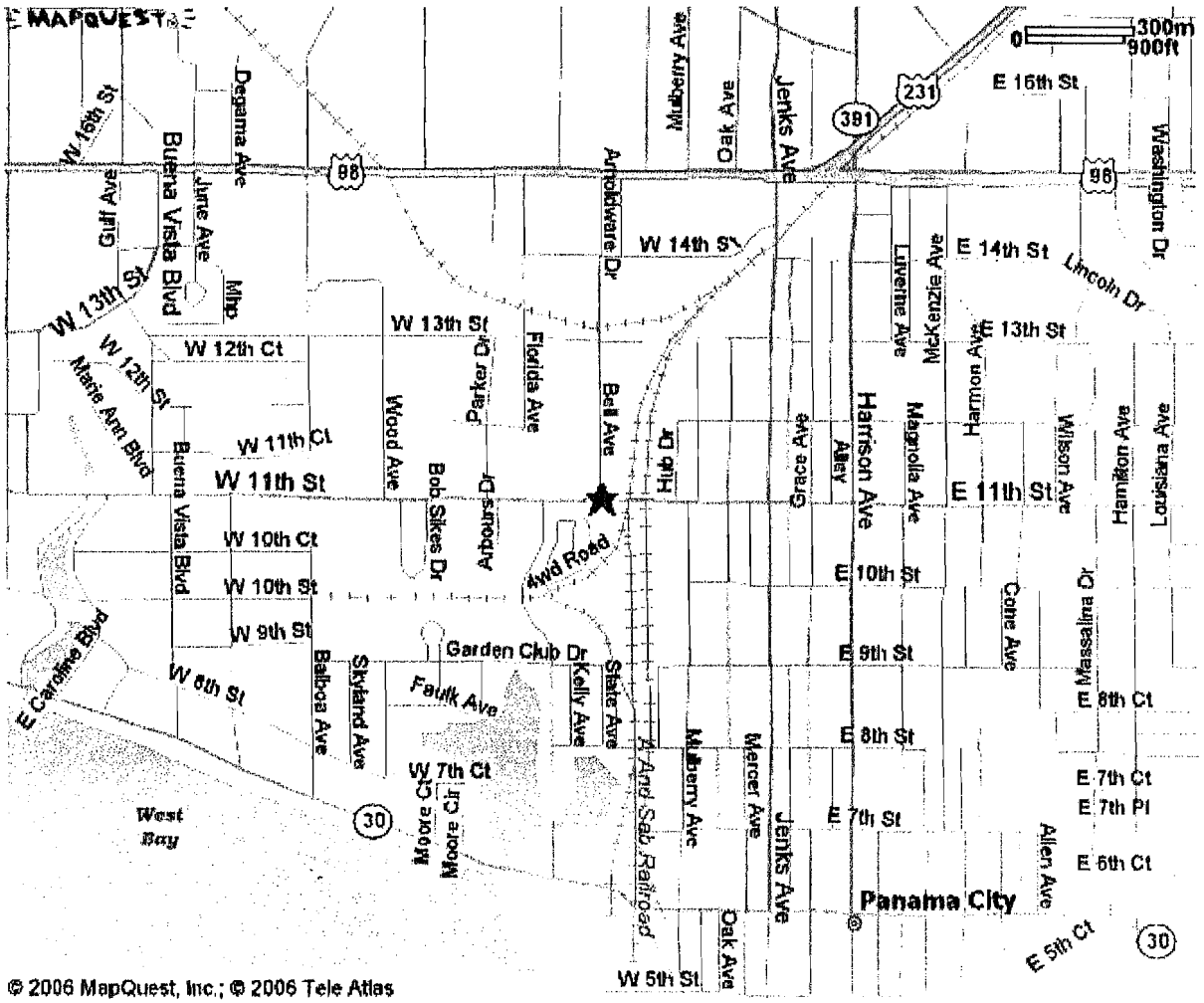

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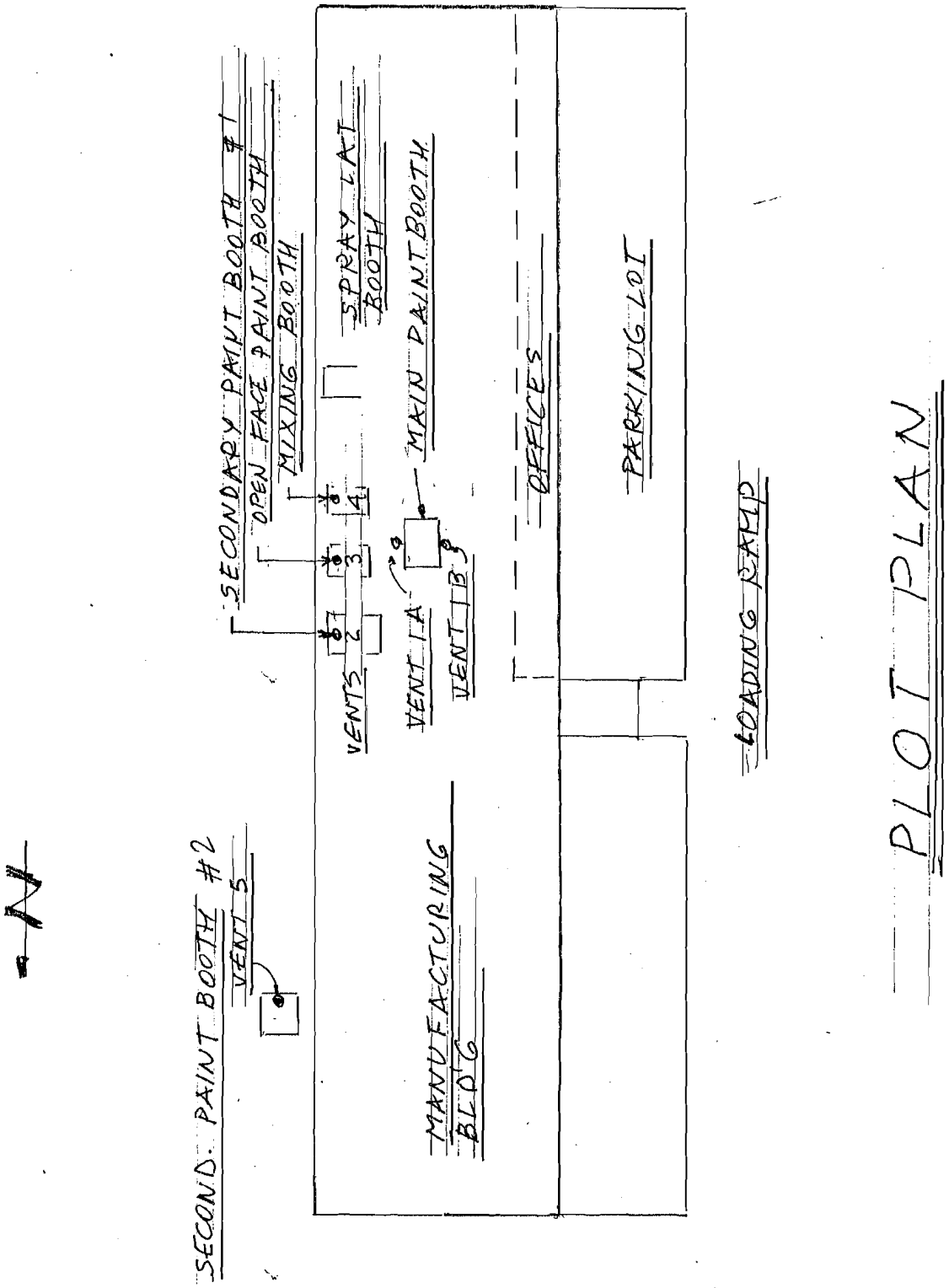

PLOT PLAN

PENSACOLA P.O.C., INC.
109 South Second Street
Pensacola, FL 32507

BELL SIGN INC.
PANAMA CITY FL

Date	7/20/06
Scale	NONE

Sketch 1 of 1

Precautions to Prevent Emissions of Unconfined Emissions

The nature of Bell Signs, Inc. activities are processes that do not produce significant amounts of uncontrolled particulate matter. Manufacturing and/or painting is done inside industrial building. Some metalwork such as cutting, grinding and/or welding results in minimal amount of metal shavings which fall to the floor of the building, swept into piles and disposed of.

Outdoor surfaces are paved and/or concreted so that vehicular traffic is not a problem.

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 Tubeaxial Fans
(20) 2" x 20 ½" x 20 ½" 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 ½" x 20 ½" 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 ½" x 20 ½" 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 ½" x 20 ½" 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 ½" x 20 ½" Frontline Green Fiberglass filters
(1) 12" diameter capped stack overall height is 25'
(1) Dayton 12" Belt Driven Tubearial Fan