APPLICATION FOR A

NON-TITLE V AIR OPERATION PERMIT

FOR:

A PAINT AND BODY SHOP
AT
AN AUTOMOTIVE SERVICE FACILITY

PREPARED FOR:

RICK CASE HYUNDAI
3550 WESTON ROAD
DAVIE, FL 33331

PRESENTED TO:

ENVIRONMENTAL PROTECTION AND GROWTH MANAGEMENT DEPARTMENT

POLLUTION PREVENTION DIVISION

BROWARD COUNTY, FLORIDA

BY:

ANTONIO P. MAZPULE, P.E.

P.O. BOX 65-1206
MIAMI, FL 33265-1206

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.

The facility is currently operating under the Air General Permit No. 0112699

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.

_____ _____

Signature Date

(seal)

* Attach any exception to certification statement.

Construction/Modification Information

1. Description of Proposed Project or Alterations:

The proposed project consists in obtaining an Air Construction Permit for one existing emissions unit consisting in:

- **Two (2) Garmat Model 42106 x 27'L x 10' W x 10'-10"H**
  Chinook II Spray Booths
  Direct gas-fired burners. Power air-intake & exhaust.

- **One paint mixing room. Garmat mod. NO. 99945. (6' x 14'-!0")**

The facility currently operates under a valid General Permit No. 0112699

2. Projected or Actual Date of Commencement of Construction: **Active**

3. Projected Date of Completion of Construction: **Facility is in operation**

Application Comment

The purpose of this application is to upgrade the facility Air Permit Level from "General Permit" to "Non-Title V State Air Operation Permit".

Facility Regulatory Classifications

Check all that apply:

1. [X] Small Business Stationary Source?	[ ] Unknown
2. [ ] Synthetic Non-Title V Source?	
3. [ ] Synthetic Minor Source of Pollutants Other than HAPs?	
4. [ ] 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):	

Rule Applicability Analysis

- **F.A.C. Rule: 65-4.050 & 62-4.070**
  62-209 through 62-297
- **40 CFR 60**
- **Chapter 403.087, Florida Statutes (FS)**

C. FACILITY SUPPLEMENTAL INFORMATION

Supplemental Requirements

1. Area Map Showing Facility Location: [X] Attached, Document ID:_____ [ ] Not Applicable [ ] Waiver Requested
2. Facility Plot Plan: [X] Attached, Document ID: __ [ ] 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: [ ] Attached, Document ID:_____ [X] Not Applicable [ ] Waiver Requested
5. Supplemental Information for Construction Permit Application: [ ] Attached, Document ID:_____ [X] Not Applicable
6. Supplemental Requirements Comment:

Emissions Unit Information Section 3 of 3

Emissions Unit Control Equipment

1. Control Equipment/Method Description (limit to 200 characters per device or method):

All spray booths are provided with downstream paint-arrestor filter media.

2. Control Device or Method Code(s):

Emissions Unit Details

1. Package Unit: **(2)Paint Spray Booths and (1)Paint Mixing Room**
   Manufacturer: **Garmat USA** Model Number: **SEE ABOVE**
2. Generator Nameplate Rating: MW: **Not applicable**
3. Incinerator Information: **Not applicable**
   Dwell Temperature: °F
   Dwell Time: seconds
   Incinerator Afterburner Temperature: °F

Emissions Unit Operating Capacity and Schedule

1. Maximum Heat Input Rate: **0.997E+6** MMBtu/hr
2. Maximum Incineration Rate: **N/A** lb/hr N/A tons/day
3. Maximum Process or Throughput Rate:
4. Maximum Production Rate:
5. Requested Maximum Operating Schedule: See Permit
   24 hours/day **7** days/week
   52 weeks/year **8760** hours/year
6. Operating Capacity/Schedule Comment (limit to 200 characters):

The Paint Booths are equipped with 0.997E+6 BTU Burners.

B. EMISSION POINT (STACK/VENT) INFORMATION

Emission Point Description and Type

1. Identification of Point on Plot Plan or Flow Diagram? **001**		2. Emission Point Type Code: **3**
3. Descriptions of Emission Points Comprising this Emissions Unit for VE Tracking (limit to 100 characters per point): **EMISSION POINT CONSISTS OF THREE (3) EXHAUST STACKS VENTING TO THE EXTERIOR.**		
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common: ID **001 consists of three exhausts vents.**		
5. Discharge Type Code: **W**	6. Stack Height: **25 Feet**	7. Exit Diameter: **SEE EXHIBIT NO 3**
8. Exit Temperature: **120 F DURING BAKING CYCLE**	9. Actual Volumetric Flow Rate: **SEE BELOW**	10. Water Vapor: Ambient
11. Maximum Dry Standard Flow Rate: Dscfm		12. Nonstack Emission Point Height: **N/A** feet
13. Emission Point UTM Coordinates: Zone: East (km): North (km):		

14. Emission Point Comment (limit to 200 characters):

THIS SECTION ADDRESSES THE TWO (2) AUTOMOBILE PAINT SPRAY BOOTHS AND ONE (1) PAINT MIXING ROOM.

SOURCE	QUANTITY	EXHAUST FLOW	INTAKE FLOW
Paint Spray Booths	**Two**	**13,000 CFM (ea.)**	**13,000 CFM (ea.)**
Paint Mixing Room	**One**	**900 CFM**	**1,000 CFM**

D. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION

Potential Emissions

1. Pollutant Emitted: **TOLUENE**	2. Pollutant Regulatory Code: **NS**	
3. Primary Control Device Code: **None**	4. Secondary Control Device Code: **None**	5. Total Percent Efficiency of Control: **N/A**
6. Potential Emissions: **0.06** lbs/hr **0.3** tons/year		7. Synthetically Limited? [ ]
8. Emission Factor: **1.0** Reference: All VOC/HAPS are discharged to the atmosphere.		9. Emissions Method Code:**2**
10. Calculation of Emissions (limit to 600 characters): **SEE EXHIBIT NO. #5**		
11. Pollutant Potential Emissions Comment (limit to 200 characters):		

Allowable Emissions Allowable Emissions _____ of _____

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 2 of 3

D. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION

Potential Emissions

1. Pollutant Emitted: **TOTAL HAPS**	2. Pollutant Regulatory Code: **NS**	
3. Primary Control Device Code: **None**	4. Secondary Control Device Code: **None**	5. Total Percent Efficiency of Control: **N/A**
6. Potential Emissions: **0.85** lbs/hr **3.7** tons/year		7. Synthetically Limited? [ ]
8. Emission Factor: **1.0** Reference: All VOC/HAPS are discharged to the atmosphere.		9. Emissions Method Code:**2**
10. Calculation of Emissions (limit to 600 characters): **SEE EXHIBIT NO. #3**		
11. Pollutant Potential Emissions Comment (limit to 200 characters):		

Allowable Emissions Allowable Emissions _____ of _____

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):	

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

Visible Emissions Limitation: Visible Emissions Limitation _____ of _____

1. Visible Emissions Subtype: **VE 20**	2. Basis for Allowable Opacity: [X] Rule [ ] Other
3. Requested Allowable Opacity: Normal Conditions: **<20** Exceptional Conditions: % Maximum Period of Excess Opacity Allowed: min/hour	
4. Method of Compliance: **DEP Method No. 9**	
5. Visible Emissions Comment (limit to 200 characters): **AS PER RULE 62-296.320(4), FAC**	

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

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):	

LIST OF EXHIBITS

Exhibit No. 1	Area Map
Exhibit No. 2	Facility Plot Plan
Exhibit No. 3	Equipment Location
Exhibit No. 4	Equipment Information
Exhibit No. 5	Emission Calculations

Google Maps

Imagery ©2016 DigitalGlobe, U.S. Geological Survey, Map data ©2016 Google 200 ft

3550 Weston Rd

3250 Weston Rd

Google earth

feet 100

meters 40

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SCOPE OF WORK: INSTALLATION OF (2) NEW GARMAT 42106X 27' CHINOOK SPRAY BOOTHS AND NEW GARMAT 99945 PAINT MIX ROOM

EQUIPMENT PLAN VIEW

SPRAY BOOTH ISOMETRIC VIEW
NOT TO SCALE

THE PAINT MIX ROOM WILL REQUIRE:

1. AT THE ELECTRICAL DROP THE LIGHTING WILL REQUIRE ONE 110/277v 20/10amp CIRCUIT. MOTORS WILL REQUIRE 120v SINGLE PHASE SERVICE FOR ONE 1/2hp MOTOR, ONE 1/4 hp MOTOR AND SHOULD BE CONNECTED FOR 24 hour OPERATION WITH SERVICE SWITCHES AT MOTORS.

2. THE LIGHTS WILL BE OPERATED BY EXTERIOR SWITCHES TO BE PROVIDED BY OTHERS.

3. THE PAINT MIX ROOM WILL BE EQUIPPED WITH 1-INTAKE FAN (1000 cfm) AND 1-EXHAUST FAN (900cfm).

4. ALL ELECTRICAL CONNECTIONS SHOULD BE IN ACCORDANCE TO THE CURRENT NEC (NATIONAL ELECTRICAL CODE) EDITION. VERIFY COMPLIANCE OF LOCAL CODES WITHIN THE JURISDICTION OF THE INSTALLATION SITE.

5. AN APPROVED AUTOMATIC FIRE EXTINGUISHING SYSTEM SHALL BE PROVIDED BY OTHERS.

6. THIS PAINT MIX ROOM IS DESIGNED AND IS TO BE INSTALLED IN ACCORDANCE WITH CURRENT NFPA 33.

7. THE ENTIRE ROOM IS MADE OF 20ga STEEL DOUBLE SKIN, OR 18ga SINGLE SKIN CONSTRUCTION IN ACCORDANCE WITH THE CURRENT NFPA 33, EDITION.

8. HEIGHT OF THE PAINT MIX ROOM IS 10'-10".

9. WHEN THE MIXING ROOM IS LOCATED WITHIN 5ft FROM AN ADJACENT SPRAY AREA (S) THE COMBINED QUANTITY OF STORED LIQUIDS IN THE MIXING ROOM AND SPRAY AREA (S) MAY NOT EXCEED 120 gal. PER THE CURRENT NFPA 33, EDITION.

10. BUILT IN CONTAINMENT THRESHOLD.

11. LEVEL FLOOR +/- 1/8"

EACH GARMAT 99830X 27' CHINOOK WILL REQUIRE:

1. AT ELECTRICAL DROP LIGHTING WILL REQUIRE TWO 110/277v, 20/10 amp CIRCUITS. 110v STANDARD, 277v OPTIONAL. UPGRADED LIGHTING WILL REQUIRE AN ADDITIONAL LIGHT CIRCUIT.

2. AT ELECTRICAL DROP THE MOTORS WILL REQUIRE 208/240/480v(575 OUTSIDE OF USA), 60/60/30amp THREE THREE PHASE SERVICE FOR TWO 7.5hp MOTORS.

3. ALL ELECTRICAL CONNECTIONS SHOULD BE IN ACCORDANCE TO THE CURRETN NEC (NATIONAL ELECTRICAL CODES). VERIFY COMPLIANCE OF LOCAL CODES WITHIN THE JURISDICTION OF THE INSTALLATION SITE.

4. ALLOW ADEQUATE CLEARANCE OF 3' MINIMUM FORM ALL SPARKING ELECTRICAL COMPONENTS, TO CONFORM TO THE CURRENT NFPA (NATIONAL FIRE PROTECTION ASSOCIATION) 33, EDITION.

5. REMOTE CONTROL PANEL TO BE PLACED AT ONES DISCRETION AND NOT TO BE WITHIN 3' OF BOOTH OPENING. IT SHALL BE IN COMPLIANCE TO THE LOCAL JURISDICTION OF THE INSTALLATION SITE.

6. COMPRESSED AIR TO THE AIR INLET AT THE CONTROL PANEL IS TO BE TWO TO THREE CUBIC FEET PER MINUTE OF AIR AT 80 psi MAXIMUM. FOR FINISHING APPLICATIONS ALLOW AN EXTRA 12 TO 14 CUBIC FEET PER MINUTE.

7. BURNER SIZE: 840,000btu.

8. GAS CAPACITY TO PROVIDE FOR RATED btu AT GAS TRAIN INLET. A MINIMUM GAS PRESSURE OF 1/4 psi IS REQUIRED, A MAXIMUM OF 1/2 psi IS PREFERRED.

9. LEVEL FLOOR +/- 1/8"

10. ALLOW ADEQUATE SPACE AROUND THE BOOTH FOR CLEANING AND MAINTENANCE, IN ACCORDANCE TO THE CURRETN NFPA 33, EDITION.

11. MEANS OF EGRESS TO CONFORM TO THE CURRETN NFPA 101, EDITON.

12. A MINIMUM CLEARANCE OF 20' IS REQUIRED FROM FRONT OF THE BOOTH TO ANY WALL OR OBSTACLE FOR OPTIMUM TURNING RADIUS.

13. HEIGHT OF BOOTH IS 10'-10".

14. PROVIDE FOR UNOBSTRUCTED EXPLOSION RELIEF IN ACCORDANCE TO NFPA 86, 95 ED.

15. AN APPROVED AUTOMATIC FIRE EXTINGUISHING SYSTEM SHALL BE PROVIDED BY OTHERS IN ACCORDANCE TO NFPA 33, 2000 ED., CHAPTER 7.

REV	DATE	DRAWN BY	DESCRIPTION
1	7/29/07	CH	ADDED LEFT CHINOOK II TO EXISTING DRAWING
2	7/30/07	CH	INCREDED PAINT MIX ROOM WIDTH FROM 5'-6" TO 6'-0" AND RELOCATED ALL EQUIPMENT ACCORDINGLY TO THE RIGHT.

LEGEND

- ⊕ ELECTRICAL DROP
- M MOTOR LOCATION
- ○ GAS TRAIN INLET
- — AIR FLOW TO BOOTH CABIN FROM MECHANICAL UNIT
- ⊘ 12" EXHAUST DUCT

LEFT SPRAY BOOTH, LEFTT ELEVATION
NOT TO SCALE

SPRAY BOOTH FRONT ELEVATION
NOT TO SCALE

RIGHT SPRAY BOOTH, RIGHT ELEVATION
NOT TO SCALE

CAROL NELSON

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ENGLEWOOD, CO 80110

EQUIPMENT PLAN VIEW, ISOMETRIC ELEVATIONS AND SPECIFCATIONS

COMPUTER GENERATED DRAWING FOR:
RICK CASE HYUNDAI

DIST. – STRANDBERG
STATUS – PERMIT
ORDER –
CUST. – 703
REVISION – 2
SHEET SIZE – D

DWG. NO. STM703A2

DATE 8/30/07
SCALE 1/4"=1'
SHEET NO. A

PAINT MIXING ROOMS

Garmat® USA Paint Mixing Rooms are ETL listed and designed in compliance with the NFPA 33 guidelines for paint storage.

MODELS

The dimensions are exterior measurments.

MODEL	SIZE	FANS	LIGHT FIXTURES (4-tube)
99920	7'-10" x 6'-7"	2	2
99925	7'-10" x 8'-2"	2	2
99930	7'-10" x 9'-9"	2	2
99935	7'-10" x 12'-10"	2	3
99940	7'-10" x 14'-5"	2	3
99945	7'-10" x 16'	2	4
99950	7'-10" x 17'-6"	2	4
99955	7'-10" x 19'	2	4

CONSTRUCTION

Structural components utilize electro-galvanized steel. Walls are double panel, solid interlock construction with durable powder coated finish. The personnel door is 3' wide, is sealed by rubber compression gasket and fitted with a tempered safety glass observation window.

LIGHTING

Each mixing room is equipped with overhead sealed 4-tube light fixtures utilizing T8 color corrected lighting, for accurate color mixing and matching.

VENTILATION

Shop air is drawn into the room with a 1,000 CFM intake fan, filtered and exhausted with a 900 CFM extract fan ensuring fresh air constantly circulating through the room.

FILTRATION

Air intake filters are of a fiberglass materieral and measure 14" x 25" x 1". The air intake filters are fitted at the roof around the intake fan.

CODE COMPLIANCE

GARMAT® USA INC. MANUFACTURES TO FOLLOWING CODE COMPLIANCE:

CHAPTER 6 OF NFPA 33 REQUIREMENTS: Paint mix rooms must be capable of containing any possible spills, up to the entire liquid contents of the room. The mix room can be adjacent to or be an integral part of the booth provided that the combined contents of the mix room and spray area do not exceed 120 gallons. If the contents of the mix room exceeds 120 gallons, the mix room cannot be installed within 6' of the spray area and cannot contain more than 2 gallons per square foot. Mix rooms that exceed 150² ft. fall under the requirements of NFPA 30.

Front View

Top View

GARMAT® USA

Garmat® USA reserves the right to modify or change any of the technical features mentioned in this brochure. ©2002 Garmat® USA

BUILT IN THE USA

1401 W. Stanford Ave. Englewood, CO 80110 • Phone: 800-442-7628 Fax: 303-781-2683 www.garmat.com

CHINOOK II SERIES PAINT BOOTHS

CABIN ASSEMBLY

Includes: 2-7.5HP Motors, One on Intake and One on Exhaust, 997,000 BTU Burner with Deluxe Economy Remote Control, 10' Wide Tri-Fold Entry Door, Side Service Door, Double Skin Fully Insulated. The Chinook II™ is available in either 24' or 27' lengths, the cabin is constructed of durable powder coated steel, electro zinc coated, fully insulated solid interlocking wall panels. The panels are designed to prevent heat loss into the surrounding shop and for greater efficiency during the bake cycle. Both the wall and roof panels are insulated for quieter operation.

DOORS

Tri-Fold fully insulated, rubber sealed doors. Personnel door is equipped with safety glass observation window.

FILTRATION

Ceiling Filters: Ideally sized segments allowing for ease of replacement. Filters are held in position by steel knife-edge closures. Filter media, 99% efficiency on 10 micron particulate.

Extract Filters: There are a total of eight filter racks, four housed in each tower and are easily accessed by doors inside the cabin.

BOOTH DIMENSIONS:

IN GROUND BOOTH	27' Booth
EXTERIOR	13'-6⅝" W x 27'-2¼" L x 10'-10" H
INTERIOR	13'-1½" W x 26'-9¼" L x 8'-10½" H
	24' Booth
EXTERIOR	13'-6⅝" W x 24'-4⅜" L x 10'-10" H
INTERIOR	13'-1½" W x 23'-11⅝" L x 8'-10½" H

DOOR SIZES		
TRI-FOLD	10' W x 8'-9" H	Note: The width between the exhaust towers limits the drive-thru door opening to 8' 10-1/4"
SIDE SERVICE	2'-11" W x 6'-9½" H	

LIGHTING

24' & 27' Drive-In/Back-Out 6 Hip 4-Tube Light Fixtures, 1 plenum mounted double light fixture w/ 4 tubes, 7 Lower 4-Tube Light Fixtures. All light fixtures are interior accessible. The fixtures are constructed using high efficiency "rapid start" ballasts.

ELECTRICAL SYSTEM

All Garmat® USA products are provided with a listed industrial electrical control panel. All components are recognized, listed or certified by UL, ETL, or CSA.

CONTROL PANEL

The Control Panel features a PLC which sequences spray and bake mode temperature settings.

FIRE SUPPRESSION

Booth is designed for addition of fire suppression equipment (supplied by others). Check with local authorities for code requirements.

AVAILABLE OPTIONS

Accele-Cure™
Drive-Thru Doors
Rear Wall Lighting Package - Drive in/ Back Out
Intake and Exhaust Ductwork
High Voltage, 277V Lighting

GARMAT® USA

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EXHIBIT NO. 5

Rick Case HYUNDAI

The formula spray-time is as follows: Five minutes per coat. Three coats of basecoat and three coats of clear coat make a total of six coats, times five minutes per coat gives us a total of thirty minutes of total spray time per vehicle.
The maximum number of vehicles per day, per Spray Booth on an eight-hour shift is FIVE. This includes preparation time, drying, and other minor activities.
Most vehicles are partially painted, i.e. doors, fenders, a.s.f. Only a small fraction are full painted.

NO. OF VEHICLE PER SHIFT	5 EA PER 8-HR SHIFT PER BOOTH
NO. OF VEHICLE PER SHIFT	10 EA PER 8-HR SHIFT ON 2 BOOTHS

POTENTIAL				TOLUENE	XYLENE	TOTAL HAPS	VOC
NO. OF VEHICLE PER DAY	30 @ 3 shifts/day	30					
NO. OF VEHICLE PER YEAR	30 X 365=	10,950					
AVG. GAL/VEHICLE		0.34					
AVG. GAL/YEAR	10,950 X 0.34=	3,723					
AVG (LBS/GAL)				0.15	0.71	1.98	3.82
LBS/YEAR	3,723 X .....=			545	2,642	7,372	14,222
TONS/YEAR				0.3	1.3	3.7	7.1
LBS/HR				0.06	0.30	0.84	1.62

EXHIBIT C

SPECIFIC PURPOSE SURVEY
(ANNOTATED TO DEPICT THAT PORTION OF THE PROPERTY AFFECTED BY THE ENGINEERING CONTROLS)