

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: Monaco Coach Corporation	
2. Site Name: Monaco Coach Corporation - Wildwood Service Center	
3. Facility Identification Number: 1190038	
4. Facility Location Street Address or Other Locator: : 4505 Monaco Way City: Wildwood County: Sumter Zip Code: 37485	
5. Relocatable Facility? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6. Existing Permitted Facility? <input checked="" type="checkbox"/> Yes – Construction permit No. 1190038-001-AC

Application Contact

1. Name and Title of Application Contact: Douglas S. Fitzgerald – Environmental Compliance Coordinator or Kurt W. Anderson - Director of Environment, Health, And Safety	
2. Application Contact Mailing Address: Organization/Firm: Monaco Coach Corporation Street Address: 606 Nelson's Parkway, P.O. Box 465 City: Wakarusa State: IN Zip Code: 46573	
3. Application Contact Telephone Numbers: Telephone: (574)-862-7445 or (574)-862-7347 Fax: (574)-862-7346	

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: 1190038-001-AC issued 12/6/2002

- 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.

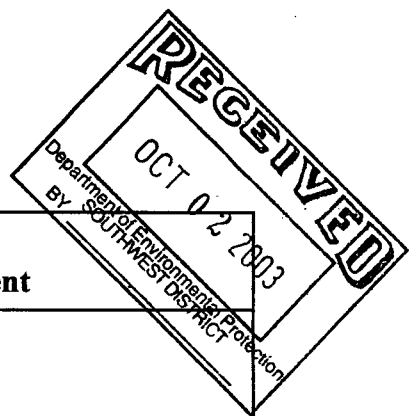
Operation permit number to be revised: _____

Reason for revision: _____

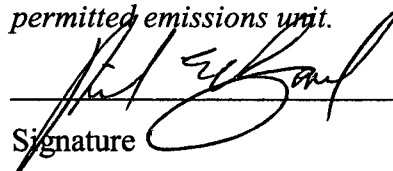
Air Construction Permit Application

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.
- Air construction permit for one or more existing, but unpermitted, emissions units.



Owner/Authorized Representative

1. Name and Title of Owner/Authorized Representative: Richard E. Bond, Chief Administrative Officer & Senior Vic President
2. Owner/Authorized Representative Mailing Address: Organization/Firm: Monaco Coach Corporation Street Address: 606 Nelson's Parkway City: Wakarusa State: IN Zip Code: 46573
3. Owner/Authorized Representative Telephone Numbers: Telephone: (574)-862-7347 Fax: (574)862-7313
4. Owner/Authorized Representative Statement: <p><i>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.</i></p> <p> _____ Signature</p> <p><u>Wednesday, September 10, 2003</u> Date</p>

* Attach letter of authorization if not currently on file.

Professional Engineer Certification

1. Professional Engineer Name: J.A.W. DAVIS MSCE. Registration Number: FLA. # 6603
2. Professional Engineer Mailing Address: Organization/Firm: CONSULTING ENGINEER. Street Address: 1811 C.R. 722 G P.O. BOX 720. City: WEBSTER State: FL. Zip Code: 33597
3. Professional Engineer Telephone Numbers: Telephone: (352) 793-7382 Fax: (352) 365-1785

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 [], 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

* Attach any exception to certification statement.

Construction/Modification Information

1. Description of Proposed Project or Alterations:

Facility is a recreational vehicle service center which performs repairs on customer owned units. Repairs include engine work, electrical, and HVAC system repair, component and appliance repairs, and exterior body work repairs including paint.

The facility was constructed as described in the construction permit.

2. Actual Date of Commencement of Construction: December 2002

3. Actual Date of Completion of Construction: March 2003

Application Comment

Bodywork and paint repairs are dependent on customer needs and can be anything from a small scratch to a major repair. Estimated usage per job is from one gallon to a maximum of ten gallons.

Facility Regulatory Classifications

Check all that apply:

1. <input type="checkbox"/> Small Business Stationary Source?	<input checked="" type="checkbox"/> Unknown
2. <input type="checkbox"/> Synthetic Non-Title V Source?	
3. <input type="checkbox"/> Synthetic Minor Source of Pollutants Other than HAPs?	
4. <input checked="" type="checkbox"/> Synthetic Minor Source of HAPs?	
5. <input type="checkbox"/> One or More Emissions Units Subject to NSPS?	
6. <input type="checkbox"/> One or More Emission Units Subject to NESHAP Recordkeeping or Reporting?	
7. Facility Regulatory Classifications Comment (limit to 200 characters): The facility does not fit any of the above categories, but is above the levels of a surface coating general permit. Source has an estimated actual emissions, based on 2500 hours of operation, of 11.2 tons VOC, 4.6 tons of HAPs. Maximum potential emissions, based on 8760 hours, are 39 tons VOC and 16 tons HAPs. See attached spread sheet	

Rule Applicability Analysis

Not subject to Pre-Construction review since the facility is and will be a minor facility with net emissions increases below applicable regulatory PSD thresholds.62-212-400(2)(d)(1).

C. FACILITY SUPPLEMENTAL INFORMATION

Supplemental Requirements

1. Area Map Showing Facility Location: [X] Attached, Document ID:___1___ [] Not Applicable [] Waiver Requested
2. Facility Plot Plan: [X] Attached, Document ID:___3___ [] Not Applicable [] Waiver Requested
3. Process Flow Diagram(s): [X] Attached, Document ID:___2___ [] 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: 4 Spreadsheet for PTE estimates 5 Compliance records for conditions 11 & 12 of construction permit no. 1190038-001-AC

Emissions Unit Control Equipment

<p>1. Control Equipment/Method Description (limit to 200 characters per device or method): Booths will have fabric filter exhaust to control paint overspray and accumulation of paint.</p>
<p>2. Control Device or Method Code(s): 018 –Fabric Filter –Low Temperature</p>

Emissions Unit Details

1. Package Unit: Custom Manufactured	Manufacturer:	Model Number:
2. Generator Nameplate Rating:	MW	
3. Incinerator Information:	Dwell Temperature:	°F
	Dwell Time:	seconds
	Incinerator Afterburner Temperature:	°F

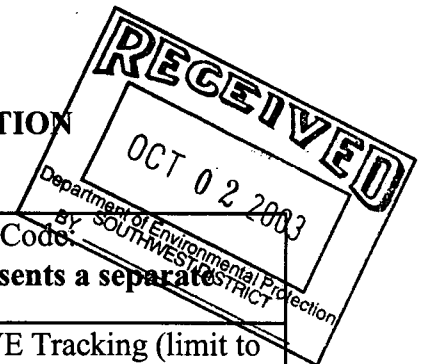
Emissions Unit Operating Capacity and Schedule

1. Maximum Heat Input Rate:	mmBtu/hr
2. Maximum Incineration Rate:	lb/hr tons/day
3. Maximum Process or Throughput Rate:	See attached PTE spreadsheet
4. Maximum Production Rate:	See attached PTE spreadsheet
5. Requested Maximum Operating Schedule:	<p>hours/day: 24 days/week: 7</p> <p>weeks/year: 52 hours/year: 8,736</p>
6. Operating Capacity/Schedule Comment (limit to 200 characters):	<p>Operating Capacity for the facility is based on similar facilities of the same size operated in other states by Monaco Coach Corporation. Operation is a 50 hour per week facility with some occasional overtime to meet service demands.</p>

Handwritten notes:
 365 x 24 = 8760
 8760 - 1000 = 7760
 7760 / 52 = 149.23
 149.23 x 50 = 7461.5
 7461.5 x 1.18 = 8794.57
 8794.57 ≈ 8736

B. EMISSION POINT (STACK/VENT) INFORMATION

Emission Point Description and Type



1. Identification of Point on Plot Plan or Flow Diagram? SV-1, SV-2, SV-3, SV-4		2. Emission Point Type Code: 1 – Each stack ID represents a separate booth	
3. Descriptions of Emission Points Comprising this Emissions Unit for VE Tracking (limit to 100 characters per point): Not Applicable			
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common: Not Applicable			
5. Discharge Type Code: V	6. Stack Height: 25 feet	7. Exit Diameter: 3.0 feet	
8. Exit Temperature: 77 °F	9. Actual Volumetric Flow Rate: 30,000 acfm	10. Water Vapor: 0 %	
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):			

C. SEGMENT (PROCESS/FUEL) INFORMATION

Segment Description and Rate: Segment 1 of 1

1. Segment Description (Process/Fuel Type) (limit to 500 characters): Surface Coating Booths (SEE SPREADSHEET FOR PROCESS INFORMATION)		
2. Source Classification Code (SCC): 40201605 – SURFACE COATING OPERATIONS		3. SCC Units: GALLONS USED (SEE SPREADSHEET)
4. Maximum Hourly Rate: see spreadsheet	5. Maximum Annual Rate: see spreadsheet	6. Estimated Annual Activity Factor: see spreadsheet
7. Maximum % Sulfur:	8. Maximum % Ash:	9. Million Btu per SCC Unit:
10. Segment Comment (limit to 200 characters): Service facility, paint operations are based on an as needed basis. Scope of repairs can be as small as a scratch to a total side replacement		

Segment Description and Rate: Segment _____ of _____

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):		

D. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION

Potential Emissions

1. Pollutant Emitted: VOC		2. Pollutant Regulatory Code: NS	
3. Primary Control Device Code:	4. Secondary Control Device Code:	5. Total Percent Efficiency of Control: 0%	
6. Potential Emissions: lb/hour 38.92 tons/year		7. Synthetically Limited? []	
8. Emission Factor: Materials Balance – see spreadsheet Reference:		9. Emissions Method Code: (2)	
10. Calculation of Emissions (limit to 600 characters): SEE ATTACHED SPREADSHEET			
11. Pollutant Potential Emissions Comment (limit to 200 characters): Actual emissions based on 2500 hours per year operation and PTE based on 8,760 hours.			

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 _____ of _____

Pollutant Detail Information Page _____ of _____

D. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION

Potential Emissions

1. Pollutant Emitted: PM PM10		2. Pollutant Regulatory Code: NS	
3. Primary Control Device Code: 018	4. Secondary Control Device Code:	5. Total Percent Efficiency of Control: 90%	
6. Potential Emissions: lb/hour 4.33 tons/year		7. Synthetically Limited? []	
8. Emission Factor: Materials Balance – see spreadsheet Reference:		9. Emissions Method Code: (2)	
10. Calculation of Emissions (limit to 600 characters): SEE ATTACHED SPREADSHEET			
11. Pollutant Potential Emissions Comment (limit to 200 characters): Emissions based on Paint spray operations assuming 60% transfer efficiency, 100% collection efficiency and 90% control efficiency. Calculation does not account for overspray accumulation or particulate settling within the paint booths.			

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: VE20	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: Visible emission compliance achieved by having dry filters in place during spray operations.	
5. Visible Emissions Comment (limit to 200 characters): 62-296.320 (4)(b) – General Visible Emissions Standard limiting to 20% opacity	

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

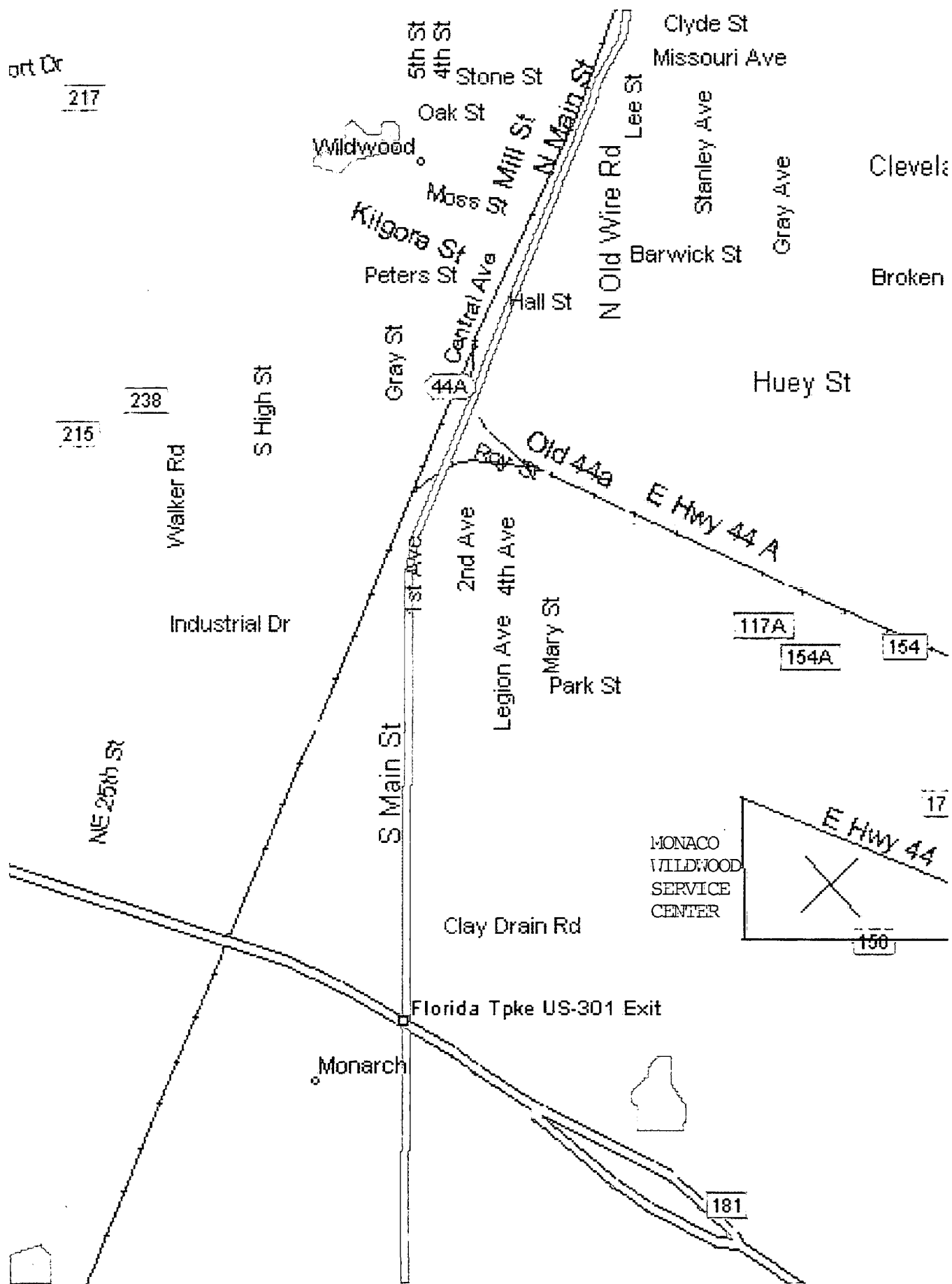
Continuous Monitoring System: Continuous Monitor _____ of _____

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

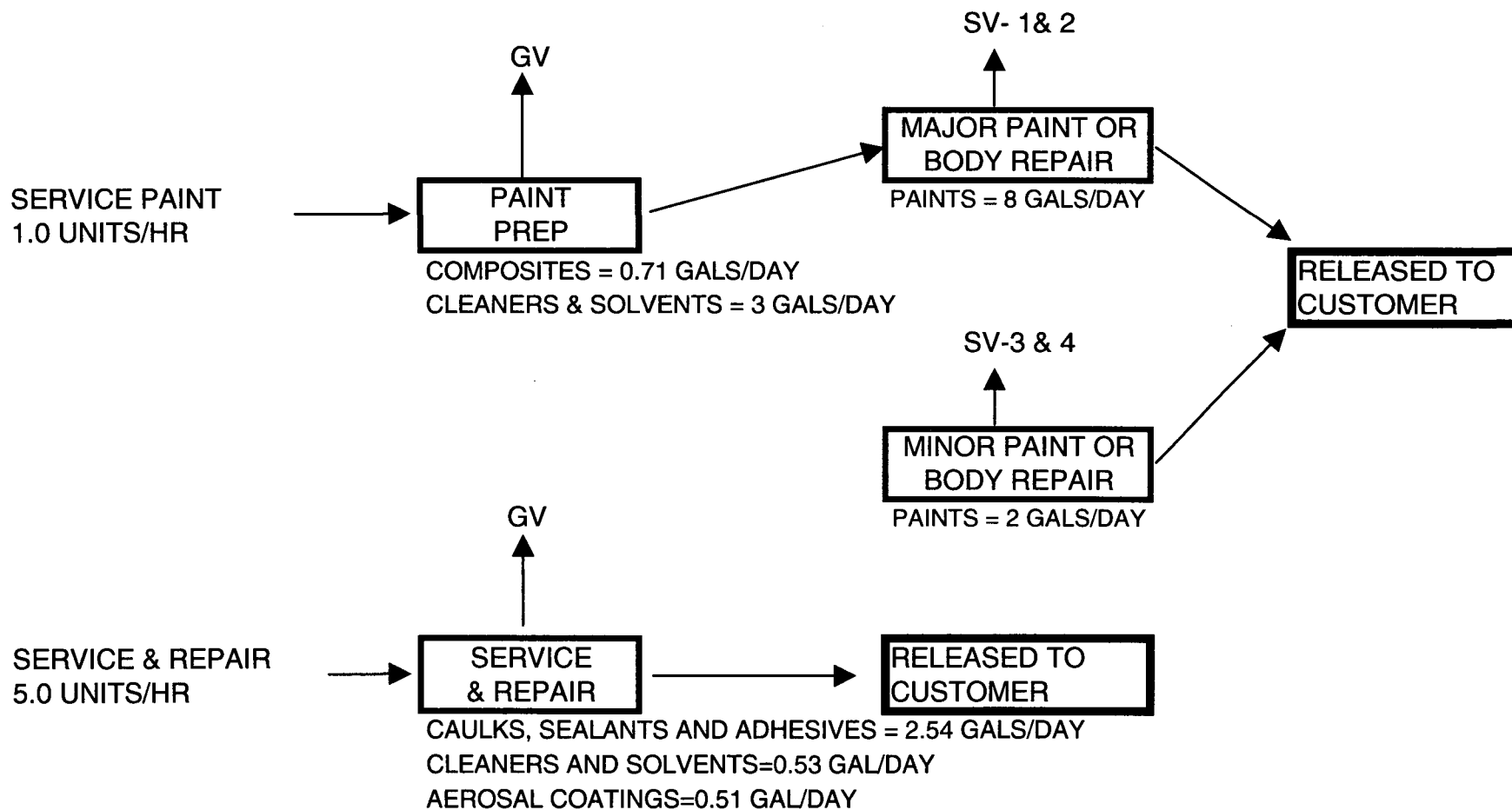
1. Process Flow Diagram <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
2. Fuel Analysis or Specification <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
3. Detailed Description of Control Equipment <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
4. Description of Stack Sampling Facilities <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
5. Compliance Test Report <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Previously submitted, Date: _____ <input checked="" type="checkbox"/> Not Applicable
6. Procedures for Startup and Shutdown <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
7. Operation and Maintenance Plan <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
8. Supplemental Information for Construction Permit Application <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
9. Other Information Required by Rule or Statute <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
10. Supplemental Requirements Comment: Attached are: 1- An Area Map 2- Facility Flow Diagram 3- Facility Diagram 4- Spreadsheet for Potential Emissions 5- Compliance Records for conditions 11 & 12 of construction permit no. 1190038-001-AC

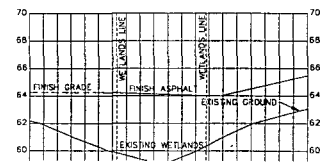
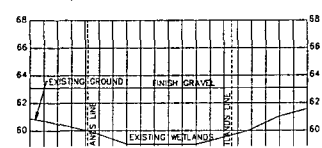
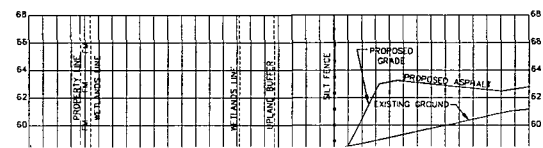
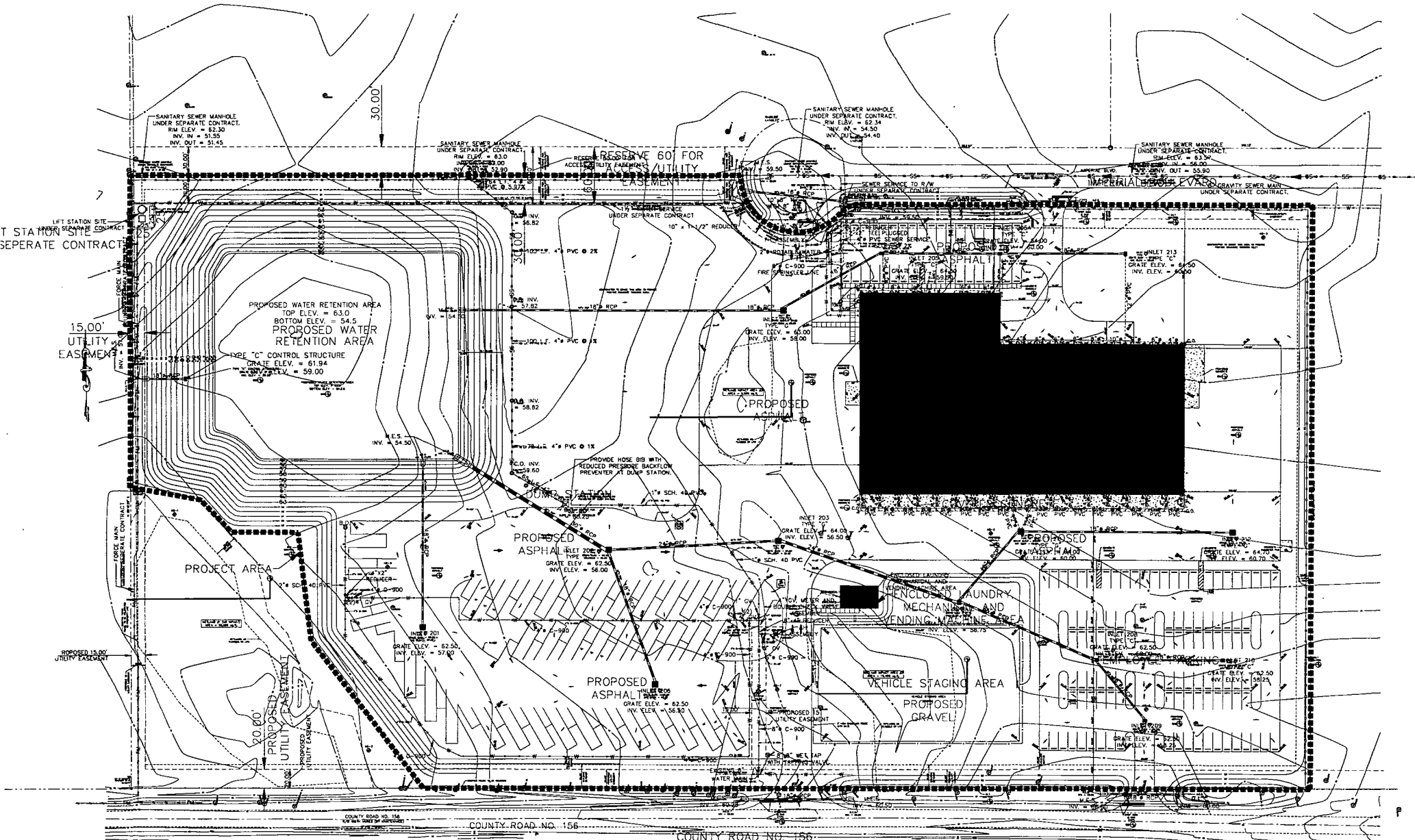


Monaco Coach Service Facility

Wildwood, FL

FLOW DIAGRAM





Wildwood Construction 5-30-02 PTE CALCULATION
***OPERATING PARAMETERS TAKEN FROM 2001ELKHART**

Potential to emit calculations are based on usage data of a similar company source. Based on an estimated 2500 hour work year, therefore the PTE factor is 3.5.
 $24 \text{ hr/day} \times 165 \text{ days/yr} = 3.5 \text{ (PTE factor)}$
 2500 hr/yr

004

MATERIAL	MATERIAL	DENSITY	% VOL	MAX % HAP	% SOLIDS	EST. ACTUAL	1 YEAR ACTUAL	AVERAGE 1 YEAR Usage	1 YEAR ACTUAL	1 YEAR ACTUAL	1 YEAR PTE	1 YEAR PTE	1 YEAR PTE	1 YEAR PTE	PTE @ 60% Transfer efficiency			
NAME	ID NUMBER	LBS/GAL	BY WGT.	BY WGT.	BY WGT.	#VOC/GL	#VOC/GL	U.O.M.	USAGE	PER DAY	VOC	HAPS	USAGE	VOC	HAPS	NO CONTROL	W/ Dry Filters	90% Control Eff.
CAULKS, SEALANTS & ADHESIVES:																		
PROBOND TITE-R-BOND	AP-32	7.43	98.50%	5.00%	1.50%	7.32	7.32	32OZ	82.00	0.33	0.30	0.02	287.00	1.05	0.05	0.00		
STAPUP III H CYLINDER 15LBS	SP3H15ARC	6.15	87.84%	7.00%	12.16%	5.41	3.78	15 LBS	30.38	0.12	0.06	0.01	106.33	0.20	0.02	0.00		
BOSTIK SUPERTAK	150725	5.76	73.80%	40.00%	26.20%	4.25	4.25	17 OZ	38.25	0.15	0.08	0.04	133.88	0.28	0.15	0.00		
1100 FAST-SET POLYURETHANE ADHESIVE	1100	10.02	9.80%	15.00%	90.20%	0.98	0.98	5 GAL	96.24	0.38	0.05	0.07	336.84	0.17	0.25	0.00		
LOTHIX UVR ELASTISEAL OFFWHITE (FV)	7547	9.52	33.00%	19.00%	67.00%	3.14	3.20	FV	40.00	0.16	0.06	0.04	140.00	0.22	0.13	0.00		
RV2000 II SELF LEVELING CAULK	171043/17103	11.43	21.89%	15.00%	78.11%	2.50	2.50	10.3 OZ	16.09	0.06	0.02	0.01	56.32	0.07	0.05	0.00		
SELF LEVELING SEALANT 502LS	502 LS	10.68	22.70%	8.90%	77.30%	2.43	2.42	11 OZ	45.20	0.18	0.05	0.02	158.20	0.19	0.08	0.00		
MS-101 SEALANT COLORMETRIC WHITE	88-4371	8.35	55.00%	35.00%	45.00%	4.59	4.59	10.6 OZ	18.00	0.07	0.04	0.03	63.00	0.14	0.09	0.00		
DOW CORNING(R) 795 SILICONE SEALANT WHITE	795 WHITE	12.69	2.00%	0.00%	98.00%	0.25	0.20	10.67OZT	150.00	0.60	0.02	0.00	525.00	0.05	0.00	0.00		
ACRYLIC SEAM SEALER	SM5504	8.26	39.50%	42.00%	60.50%	3.26	3.50	PT	23.75	0.10	0.04	0.04	83.13	0.15	0.14	0.00		
SILICONE LUBRICANT SPRAY	MC43	5.00	100.00%	40.00%	0.00%	5.00	5.00	13OZ	5.70	0.02	0.01	0.01	19.95	0.05	0.02	0.00		
W-5 BLUE WAX	W-5	10.00	90.0%	0.0%	10.00%	9.00	5.00	14 OZ	20.63	0.08	0.05	0.00	72.21	0.18	0.00	0.00		
EXPANDING FOAM SEALANT	21556	8.35	20.00%	40.00%	80.00%	1.67	1.40	12OZ 20C	18.63	0.07	0.01	0.03	65.21	0.05	0.11	0.00		
ADHESIVE WINDSHIELD SEALANT	U418	10.10	11.00%	10.00%	89.00%	1.11	0.44	10.5 OZ	50.94	0.20	0.01	0.03	178.29	0.04	0.09	0.00		
COMPOSITES:																		
HYDROMENT CTG ALL COLORS(MOBE PEARL KIT)	1800 HYDROMIX	8.50	62.50%	0.00%	37.50%	5.31	5.31	2LB BAG + QTB	56.00	0.22	0.15	0.00	196.00	0.52	0.00	0.00		
3M PERFECT-IT III EXTRA CUT COMPOUND 05936	05936	9.18	67.50%	0.50%	32.50%	6.20	3.00	QT	101.50	0.41	0.15	0.00	355.25	0.53	0.01	0.00		
COLOR PUTTY	ALL COLORS	10.00	0.00%	0.00%	100.00%	0.00	0.00	1 LB	11.90	0.05	0.00	0.00	41.65	0.00	0.00	0.00		
KOMBI PUTTY	3005	13.00	31.20%	11.80%	68.80%	4.06	3.90	12 OZ CAN	8.25	0.03	0.02	0.01	28.88	0.06	0.02	0.00		
PAINTS:																		
UR50 UNIVERSAL MID TEMP REDUCER	UR50	7.28	100.00%	5.00%	0.00%	7.28	7.30	GAL	249.00	1.00	0.91	0.05	871.50	3.18	0.16	0.00	0.000	
UR40 UNIVERSAL LOW TEMP REDUCER	UR40	7.40	100.00%	16.00%	0.00%	7.40	7.40	GAL	113.00	0.45	0.42	0.07	395.50	1.46	0.23	0.00	0.000	
DIAMONT BC BASES & COLORS (INCLUDING DIAMONT - BASECOAT BLACK	DAB	8.50	69.50%	35.12%	30.50%	5.91	5.65	GAL	859.63	3.44	2.43	1.28	3,008.71	8.50	4.49	1.56	0.156	
DE17 ETCHING PRIMER	DE 17	9.36	56.00%	12.00%	44.00%	5.24	5.20	GAL	24.00	0.10	0.06	0.01	84.00	0.22	0.05	0.07	0.007	
DA18 DIAMOND ETCHING ACTIVATOR	DA18	6.84	96.00%	0.00%	4.00%	6.57	6.50	QT	6.00	0.02	0.02	0.00	21.00	0.07	0.00	0.00	0.000	
ADHESION PROMOTER	222S	7.04	94.2%	54.10%	5.8%	6.63	6.70	GAL	291.00	1.16	0.97	0.55	1,018.50	3.41	1.94	0.00	0.000	
DP21 2K COLOR-IT PRIMER	DP21	13.39	29.0%	7.0%	71.0%	3.88	3.90	GAL	21.00	0.08	0.04	0.01	73.50	0.14	0.03	0.14	0.014	
DP20 DIAMOND PRIMER	DP20	13.0	29.0%	20.0%	71.0%	3.77	3.80	GAL	51.00	0.20	0.10	0.07	178.50	0.34	0.23	0.33	0.033	
PH36 PRIMER AND SEALER HARDENER (ME	PH 36	8.00	66.00%	20.00%	34.00%	5.28	5.30	QT	8.00	0.03	0.02	0.01	28.00	0.07	0.02	0.02	0.002	
ACRYLIC FILL N SAND LOW VOC GRAY PRIM	131S	11.12	41.08%	27.70%	58.92%	4.57	4.40	GAL	47.00	0.19	0.10	0.07	164.50	0.36	0.25	0.22	0.022	
DR33 LOW VOC REDUCER (FAST)	DR33	6.75	100.00%	0.00%	0.00%	6.75	6.70	GAL	122.00	0.49	0.41	0.00	427.00	1.43	0.00	0.00	0.000	
DH46 LOW VOC DIAMOND HARDENER	DH46	8.54	29.0%	0.00%	71.0%	2.48	2.50	GAL	85.00	0.34	0.11	0.00	297.50	0.37	0.00	0.36	0.036	
DC92 LOW VOC DIAMOND CLEAR	DC92	8.15	51.00%	10.00%	49.00%	4.16	4.10	GAL	86.00	0.34	0.18	0.04	301.00	0.62	0.12	0.24	0.024	
DC97 LOW VOC DIAMOND CLEAR	DC97	8.06	52.00%	21.00%	48.00%	4.19	4.20	GAL	10.00	0.04	0.02	0.01	35.00	0.07	0.03	0.03	0.003	
DC76 NR TURBO CLEAR	DC76NR	7.57	65.0%	21.0%	35.0%	4.92	4.40	GAL	268.25	1.07	0.59	0.21	938.88	2.07	0.75	0.50	0.050	
923-109 HS UV KLARLACK CLEAR	923-109	8.18	47.00%	13.00%	53.00%	3.84	3.90	5.0 L	73.97	0.30	0.14	0.04	258.90	0.50	0.14	0.22	0.022	
ULTRA 7000 CLEARCOATS AIR DRY CLEARCOAT	CC-633	7.89	49.30%	25.00%	50.70%	3.89	3.89	GAL	17.50	0.07	0.03	0.02	61.25	0.12	0.06	0.05	0.005	
ULTRA 7000 BASECOAT STABILIZER STANDARD	BCS-605	7.24	100.00%	51.00%	0.00%	7.24	7.05	GAL	20.00	0.08	0.07	0.04	70.00	0.25	0.13	0.00	0.000	
SSH-520 URETHANE HARDENER	SSH-520	8.07	55.00%	47.00%	45.00%	4.44	4.45	QT	3.25	0.01	0.01	0.01	11.38	0.03	0.02	0.01	0.001	
3M NO CLEANUP ROCKER GARD	08949	7.51	66.00%	66.00%	34.00%	4.96	4.63	QT	3.00	0.01	0.01	0.01	10.50	0.02	0.03	0.01	0.001	
DH 42 RAPID HS HARDENER	DH42	8.81	28.00%	20.00%	72.00%	2.47	2.50	QT	26.25	0.11	0.03	0.02	91.88	0.11	0.08	0.12	0.012	
LH20 FAST ACRYLIC HARDENER	LH20	8.92	28.00%	14.00%	72.00%	2.50	2.50	QT	31.00	0.12	0.04	0.02	108.50	0.14	0.07	0.14	0.014	
EP789 BLACK EPOXY PRIMER	EP789	11.29	40.00%	23.50%	60.00%	4.52	4.50	GAL	12.00	0.05	0.03	0.02	42.00	0.09	0.06	0.06	0.006	
RV2000 HIGH SOLIDS URETHANE CLEARCOAT	RV2000	8.08	53.00%	50.00%	47.00%	4.28	4.30	GAL	24.00	0.10	0.05	0.05	84.00	0.18	0.17	0.06	0.006	
AEROSOL COATINGS																		
SPRUCE SEMI-GLOSS BLACK ENAMEL	98-24	6.19	82.8%	16.60%	17.2%	5.13	3.47	12 OZ	46.69	0.19	0.08	0.02	163.42	0.28	0.08	0.03	0.003	
tone finish clear gloss	M102-0420	6.60	95.00%	7.00%	5.00%	6.27	5.80	13 OZ	31.38	0.13	0.09	0.01	109.83	0.32	0.03	0.01	0.001	
Undercoat Rubberized	21913	5.84	65.0%	50.0%	35.0%	3.80	4.50	12OZ	50.38	0.20	0.11	0.07	176.33	0.40	0.26	0.07	0.007	
PAINT PREP CLEANERS/SOLVENTS:																		
THINNER LACQUER R/CILING SOLVENTS	3642S	6.54	100.00%	23.00%	0.00%	6.54	4.50	FV	31.00	0.12	0.07	0.02	108.50	0.24	0.08	0.00	0.000	
PRE KLEANO	900	6.29	100.00%	0.00%	0.00%	6.29	6.30	FV	179.00	0.72	0.56	0.00	626.50	1.97	0.00	0.00	0.000	
901 PRE PAINT CLEANER	901	5.87	100.00%	10.00%	0.00%	5.87	5.90	GAL	63.50	0.25	0.19	0.02	222.25	0.66	0.07	0.00	0.000	
DT10 FAST DRY ACRYLIC LACQUER THINNER	DT10-5GAL	7.04	100.0%	86.00%	0.0%	7.04	6.10	5 GAL	121.00	0.48	0.37	0.37	423.50	1.29	1.28	0.00	0.000	
S-0170B SOLVENT BLEND THINNER	S-0170B	6.97	100.0%	78.20%	0.00%	6.97	6.96	DRUMS	837.00	3.35	2.91	2.28	2,929.50	10.19	7.98	0.00	0.000	
HAZARDOUS PAINT WASTE	WST PAINT	7.41	90.00%	75.89%	10.00%	6.67	6.67	GAL	-479.00	-1.92	-1.60	-1.35	(1,676.50)	(5.59)	(4.71)	0.00	0.000	
CLEANERS/SOLVENTS:																		
ACRYLAC LOW VOC CLEANER RS-600V 707 Q	6.54	100.0%	55.00%	0.0%	6.54	6.53	QT	12.25	0.05	0.04	0.02	42.88	0.14	0.08	0.00	0.000		
G-542 CLEAR VIEW GLASS CLEAN G542-19	8.35	100.0%	0.0%	0.0%	8.35	3.92	19 OZ	37.41	0.15	0.07	0.00	130.94	0.26	0.00	0.00	0.000		
METHYL ETHYL KETONE	MEK	6.73	100.0%	100.00%	0.0%	6.73	6.73	FV	5.00	0.02	0.02	0.02	17.50	0.06	0.06	0.00	0.000	
FOAM CLEANER (ENER 10)	ENER 10	8.00	100.00%	0.00%	0.00%	8.00	7.66	100Z CAN	2.66	0.01	0.01	0.00	9.31	0.04	0.00	0.00	0.000	
3m citrus base industrial cleaner	7.18	100.0%	0.00%	0.0%	7.18	6.46	18.5 OZ	3.47	0.01	0.01	0.00	12.15	0.04	0.00	0.00	0.000		
CAMPER CLEANER/KAMPER CLEANER	38-8818	8.51	88.00%	0.00%	12.00%	7.49	3.74	GAL	42.00	0.17	0.08	0.00	147.00	0.28	0.00	0.00	0.000	
NON CHLORINATED BRAKE WASH AEROSOL	19442	7.51	100.00%	60.00%	0.00%	7.51	3.13	12 oz	14.72	0.06	0.02	0.03	51.52	0.				

**Wildwood Construction 5-30-02 PTE CALCULA
*OPERATING PARAMETERS TAKEN FROM 200**

004

HAP EMISSION CALCULATIONS

MATERIAL	MATERIAL ID NUMBER	HAP EMISSION CALCULATIONS								PTE TONS							
		% TOLUENE	% METHANOL	% XYLENE	% ETHYL BENZENE	% MIBK	% MEK	GLYCOL ETHERS	n-hexane	TOLUENE	METHANOL	XYLENE	ETHYL BENZENE	MIBK	MEK	GLYCOL ETHERS	n-hexane
CAULKS, SEALANTS & ADHESIVES:																	
PROBOND TITE-R-BOND	AP-32	5.00%								0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00
STAPUT III H CYLINDER 15LBS	SP3H15ARC	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02
BOSTIK SUPERTAK	150725									40.00%	0.00	0.00	0.00	0.00	0.00	0.00	0.15
1100 FAST SET POLYURETHANE ADHESIVE	1100			10.00%	5.00%					0.00	0.00	0.17	0.08	0.00	0.00	0.00	0.00
LOTHIX UVR ELASTISEAL OFFWHITE (FV)	7547	19.00%								0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RV2000 II SELF LEVELING CAULK	171043/171032	15.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SELF LEVELING SEALANT 502LS	502 LS	8.90%								0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MS-101 SEALANT COLORMETRIC WHITE	88-4371	0.00%	0.00%	30.00%	5.00%	0.00%	0.00%	0.00%	0.00%	0.00	0.00	0.08	0.01	0.00	0.00	0.00	0.00
DOW CORNING(R) 795 SILICONE SEALANT WHITE	795 WHITE																0.00
ACRYLIC SEAM SEALER	SM5504	42.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SILICONE LUBRICANT SPRAY	MC43									40.00%	0.00	0.00	0.00	0.00	0.00	0.00	0.02
W-5 BLUE WAX	W-5	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EXPANDING FOAM SEALANT	21556	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	40.00%	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.00
ADHESIVE WINDSHIELD SEALANT	U418	10.00%								0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00
COMPOSITES:																	
HYDROMENT CTG ALL COLORS(MOBE PEARL KIT)	1800 HYDROMENT	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3M PERFECT-IT III EXTRA CUT COMPOUND 05938	05938	0.00%	0.00%	0.50%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
COLOR PUTTY	ALL COLORS	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KOMBI-PUTTY	3005	1.40%		6.80%	1.20%					0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
PAINTS:																	
UR50 UNIVERSAL MID TEMP REDUCER	UR50								5.00%	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.00
UR40 UNIVERSAL LOW TEMP REDUCER	UR40	16.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DIAMONT BC BASES & COLORS (INCLUDING DIAMONT - BASECOAT BLACK	DAB	0.00%	0.00%	10.25%	2.82%	11.79%	10.26%			0.00	0.00	1.31	0.36	1.51	1.31	0.00	0.00
DE17 ETCHING PRIMER	BC200	0.00%	0.00%	18.00%	4.00%	20.00%				0.00	0.00	0.14	0.03	0.15	0.00	0.00	0.00
DA18 DIAMOND ETCHING ACTIVATOR	DE 17																
ADHESION PROMOTER	DA18	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DP21 2K COLOR-IT PRIMER	222S	35.00%		15.00%	4.10%					1.25	0.00	0.54	0.15	0.00	0.00	0.00	0.00
DP20 DIAMOND PRIMER	DP21			6.00%	1.00%					0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00
PH36 PRIMER AND SEALER HARDENER (ME	DP20			15.00%	5.00%					0.00	0.00	0.17	0.06	0.00	0.00	0.00	0.00
ACRYLIC FILL N SAND LOW VOC GRAY PRIM	PH 36			15.00%	5.00%					0.00	0.00	0.02	0.01	0.00	0.00	0.00	0.00
DR33 LOW VOC REDUCER (FAST)	131S	15.00%		10.00%	2.70%					0.14	0.00	0.09	0.02	0.00	0.00	0.00	0.00
DH46 LOW VOC DIAMOND HARDENER	DR33	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DC92 LOW VOC DIAMOND CLEAR	DH46	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DC97 LOW VOC DIAMOND CLEAR	DC92			10.00%						0.00	0.00	0.12	0.00	0.00	0.00	0.00	0.00
DC76 NR TURBO CLEAR	DC97	1.00%		15.00%	5.00%					0.00	0.00	0.02	0.01	0.00	0.00	0.00	0.00
923-109 HS UV KLARLACK CLEAR	DC76NR	1.00%		15.00%	5.00%					0.04	0.00	0.53	0.18	0.00	0.00	0.00	0.00
ULTRA 7000 CLEARCOATS AIR DRY CLEARCOAT	923-109			9.00%	3.00%	1.00%				0.00	0.00	0.10	0.03	0.01	0.00	0.00	0.00
ULTRA 7000 BASECOAT STABILIZER STANDARD	CC-633					9.00%	16.00%			0.00	0.00	0.00	0.00	0.02	0.04	0.00	0.00
SSH-520 URETHANE HARDENER	BCS-605			51.00%						0.00	0.00	0.13	0.00	0.00	0.00	0.00	0.00
3M NO CLEANUP ROCKER GARD	SSH-520	0.00%	0.00%	40.00%	7.00%					0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00
DH 42 RAPID HS HARDENER	08949	60.00%		5.00%	1.00%					0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LH20 FAST ACRYLIC HARDENER	DH42	20.00%								0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EP789 BLACK EPOXY PRIMER	LH20	14.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RV2000 HIGH SOLIDS URETHANE CLEARCOAT	EP789	0.00%	0.00%	14.00%	3.00%	0.00%	0.00%	0.00%	0.00%	0.00	0.00	0.03	0.01	0.00	0.00	0.00	0.00
	RV2000	5.00%	0.00%	30.00%	10.00%	0.00%	5.00%			0.02	0.00	0.10	0.03	0.00	0.02	0.00	0.00
AEROSOL COATINGS																	
SPRUCE SEMI-GLOSS BLACK ENAMEL	98-24	13.40%	0.00%	3.20%	0.00%	0.00%	0.00%			0.07	0.00	0.02	0.00	0.00	0.00	0.00	0.00
tone finish clear gloss	M102-0420	3.00%					4.00%			0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00
Undercoat Rubberized	21913	10.00%		10.00%					30.00%	0.05	0.00	0.05	0.00	0.00	0.00	0.00	0.15
PAINT PREP CLEANERS/SOLVENTS:																	
THINNER LACQUER R/CLING SOLVENTS	3642S	20.00%	3.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.07	0.01	0.00	0.00	0.00	0.00	0.00	0.00
PRE KLEANO	900	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
901 PRE PAINT CLEANER	901	10.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DT10 FAST DRY ACRYLIC LACQUER THINNER	DT10-SGAL	67.00%	19.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.00	0.28	0.00	0.00	0.00	0.00	0.00	0.00
S-0170B SOLVENT BLEND THINNER	S-0170B	53.20%	5.00%			10.00%	10.00%			5.43	0.51	0.00	0.00	1.02	1.02	0.00	0.00
HAZARDOUS PAINT WASTE	WST PAINT	52.85%	9.54%	0.00%	0.00%	5.40%	5.40%	2.70%	0.00%	(3.28)	(0.59)	0.00	0.00	(0.34)	(0.34)	(0.17)	0.00
CLEANERS/SOLVENTS:																	
ACRYLAC LOW VOC CLEANER RS-600V 707 Q		0.00%	0.00%	55.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00
G-542 CLEAR VIEW GLASS CLEAN G542-19		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
METHYL ETHYL KETONE	MEK	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00
FOAM CLEANER (ENER 10)	ENER 10	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3m citrus base industrial cleaner		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KAMPER CLEANER/KAMPER CLEANER	38-8818	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NON CHLORINATED BRAKE WASH AEROSOL	19442	0.00%	0.00%	40.00%	20.00%	0.00%	0.00%	0.00%	0.00%	0.00	0.00	0.08	0.04	0.00	0.00	0.00	0.00
SPRAYWAY GLASS CLEANER	050	0.00%	1.00%	0.00%	0.00%	0.00%	0.00%	10.00%	0.00%	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00
TOTAL USAGE										5.81	0.21	3.84	1.03	2.38	2.13	0.12	0.35
Estimated Usage gallons/day																	



Construction Permit: 1190038-001-AC

2003 EMISSIONS SUMMARY SHEET

PERMIT CONDITIONS: 39 TONS VOC /12MONTH PERIOD
 16 TONS HAPS/12 MONTH PERIOD
 9.9 TON INDIVIDUAL HAP / 12 MONTHS
 2.0 TON HAPS / MONTH

MONTH	TONS VOC	TONS HAPS	12 MONTH AVG	
			TONS VOC	TONS HAPS
January-03	0.00	0.00	0.00	0.00
February-03	0.00	0.00	0.00	0.00
March-03	0.28	0.07	0.02	0.01
April-03	0.25	0.08	0.04	0.01
May-03	0.28	0.09	0.07	0.02
June-03	0.27	0.11	0.09	0.03
July-03	0.78	0.13	0.15	0.04
August-03	0.00	0.00	0.15	0.04
September-03	0.00	0.00	0.15	0.04
October-03	0.00	0.00	0.15	0.04
November-03	0.00	0.00	0.15	0.04
December-03	0.00	0.00	0.15	0.04



PERMIT NO: 1190038-001-AC EXPIRES

PLANT: S07 - WILDWOOD SERVICE CENTER
4505 Monaco Way
Wildwood, FL 37485

INDUSTRIAL
FINISHERS

MCC
SKU

MATERIAL	MATERIAL	% VOL	% HAPS	% SOLIDS	ESTIMATED	ACTUAL			May-03	May-03	May-03	
NAME	ID NUMBER	LBS/GAL	BY WGT.	BY WGT.	BY WGT.	# VOC/GAL	# VOC/GAL	U.O.M.	PURCH	TONS VOC	TONS HAPS	
ADHESIVES:												
811 CLEAR ADHESION PROMOTER	811	7.04	96.00%		4.00%	6.76	6.70	GAL	0.00	0.00	0.00	12512048 12512
FLAMMABLE WHISPER SPRAY 514R	514R	6.90	0.00%	0.00%	100.00%	0.00	2.14	GAL	0.00	0.00	0.00	12512956
3M AUTOMIX PANEL BONDING ADHES	8115	10.02	0.00%	0.00%	100.00%	0.00	0.00	200 ML	0.32	0.00	0.00	90801
BENDERS 630 LD CONTACT CEMENT	630	6.68	88.00%	50.00%	12.00%	5.88	2.60	ea				02179
UVR ELASTISEAL, SPRING WHITE	7549	10.02	30.60%	19.00%	69.40%	3.07	3.07	FV	0.00	0.00	0.00	1240249
EPDM ROOFING MEMBRANE ADHESIV	905 BA	8.64	50.00%	0.00%	50.00%	4.32	0.19	FV	0.00	0.00	0.00	12100647
BORING SMITH BSI WEB 76 ADHESIVE	bsiweb76	5.84	82.30%	35.00%	17.70%	4.81	3.77	ea	0.00	0.00	0.00	12513714
GH14 GOLDEN HARVEST CLEAR WAL	GH-14	8.76	66.00%	0.00%	34.00%	5.78	0.42	ea	0.00	0.00	0.00	X90329
PRO-BOND (TITE-R-BOND)	AP.32	7.43	98.50%	2.50%	1.50%	7.32	7.32	32 OZ	0.00	0.00	0.00	12100641
BOSTIC 1100 FAST SET POLYURETHA	1100FS	9.98	9.80%	9.80%	90.20%	0.98	2.08	10.3 OZ	0.00	0.00	0.00	12511708
BOSTIC 1100 FAST SET POLYURETHA	1100FS	9.98	9.80%	9.80%	90.20%	0.98	2.08	10.3 OZ	0.00	0.00	0.00	7143
ISR70-08KC WINDSHIELD ADHESIVE (ISR70-08KC	11.35	0.00%	0.00%	100.00%	0.00	0.00	10.3 OZ	0.00	0.00	0.00	12513252
LOCTITE PRISM 401 SURF-INSENSITIV	401	8.76	68.00%	0.00%	32.00%	5.96	5.96	EA	0.00	0.00	0.00	S04003845
ABS CEMENT	88-7783	7.18	73.00%		27.00%	5.24		QTS	0.00	0.00	0.00	12511793
STAPUT IV M AEROSOL ADHESIVE	97321	7.96	81.7%	0.00%	18.3%	6.51	5.29	16 OZ	0.00	0.00	0.00	12101558
STAPUT II AEROSOL ADHESIVE 16OZ	SP2ACC	5.93	79.9%	7.50%	20.07%	4.74	4.77	15 OZ	0.00	0.00	0.00	S12511914
Dap wildwood original contact cement		7.43	70.0%	70.00%	30.00%	5.20	5.20	ea	0.00	0.00	0.00	X90445
CHEM WELD EP 10 OZ DC	10615	13.86	0.00%	0.00%	100.00%	0.00	0.00	10 OZ	0.00	0.00	0.00	S12511901
CHEM WELD EP 1.7 OZ	10641	13.86	0.00	0.00	100.00%	0.00	0.00	1.7 OZ	0.00	0.00	0.00	S12511925
CLEAR BOND ADH. (10561)	10561	9.64	0.00%	0.00%	100.00%	0.00	0.00	7 OZ	0.00	0.00	0.00	S12511924
KER 130 GRANI/RAPID WHITE FAST S	KER130	24.71	0.00%	0.00%	100.00%	0.00	0.00	50 LBS	0.00	0.00	0.00	12512102
KER 130 GRANI/RAPID WHITE FAST S	KER130	24.71	0.00%	0.00%	100.00%	0.00	0.00	50 LBS	0.00	0.00	0.00	12512102
KER 116 ULTRAFLEX II WHITE ONE-S	KER116	14.77	0.00%	0.00%	100.00%	0.00	0.00	TO 50 L	0.00	0.00	0.00	X90477
UNIFLEX 916 ELASTOMERIC DRY SET MORTAR AND ANTI FR	12512364/916	10.40	0.00%	0.00%	100.00%	0.00	0.00	4 GAL PAIL	0.00	0.00	0.00	12512364
SC-0273 SOLVENT BASED ADHESIVE	38-8725	7.67	40.00%	40.00%	60.00%	3.07	3.07	1 GAL	0.00	0.00	0.00	X90108
BOSTIK SUPERTAK HP ADHESIVE	150724	5.76	73.80%	27.50%	26.20%	4.25	4.25	17 OZ	0.00	0.00	0.00	12511709
CAULKS & SEALANTS:												
SIKAFLEX 221	221	9.93	6.00%	8.00%	94.00%	0.60	0.89	20 oz	45.61	0.02	0.02	12511876
PLASTISEAM SEAM SEALER	F-715	7.57	88.00%	52.20%	12.00%	6.66	6.65	ea				X90644
Dap KWIK SEAL TUB & TILE CAULK -	88-8960 38-867	12.94	2.00%	0.00%	98.00%	0.26	0.15	ea	0.00	0.00	0.00	X90240
STONE MASON CONCRETE CRACK FI	M1E 3X6	8.35	2.10%	1.00%	97.90%	0.18	0.18	QT				X90637
SELF-LEVELING SEALANT 502 LS	502 LS	10.68	22.70%	8.90%	77.30%	2.43	2.42	11 OZ	0.00	0.00	0.00	12400130
BATTERY SEALER HD 12.25 OZ NW	60478	6.26	75.00%	35.00%	25.00%	4.70	4.67	12.25 OZ	0.00	0.00	0.00	X70035
3M ALL AROUND AUTOBODY SEALAN	8500	12.52	30.00%	0.00%	70.00%	3.76	0.17	GAL 24/	0.00	0.00	0.00	X90331
3M FAST N FIRM SEAM SEALER	8505	12.69	17.00%	9.50%	83.00%	2.16	2.63	GAL 12/	0.00	0.00	0.00	X90330
HIGH PERFORMANCE COLORMETRIC SILICONE SEALANT WHITE	88-4312	8.66	5.00%	0.00%	95.00%	0.43	0.52	10.6 OZ	0.00	0.00	0.00	X18067
HIGH PERFORMANCE COLORMETRIC SILICONE SEALANT CLEAR	88-4322	8.64	5.00%	0.00%	95.00%	0.43	0.52	10.6 OZ	0.50	0.00	0.00	12511781
MS-101 SEALANT COLORMETRIC WHITE	88-4371	8.35	55.00%		45.00%	4.59		10.6 OZ	0.00	0.00	0.00	12511107
ACRYLIC SEAM SEALER	SM5504	8.26	42.00%	39.50%	58.00%	3.47	3.50	PT	0.00	0.00	0.00	12511837
DAP DOW CORNING 100% SILICONE	38-8557	8.51	0.00%	0.00%	100.00%	0.00	0.00	10.1 OZ	4.26	0.00	0.00	12030015
DAP DOW CORNING 100% SILICONE	38-8678	8.51	0.00%	0.00%	100.00%	0.00	0.00	10.1 OZ	3.79	0.00	0.00	S12512008
SEALANT SILICONE CLEAR	999	8.68	0.00%	0.00%	100.00%	0.00	0.00	10.3 OZ	0.48	0.00	0.00	12400322
DOW CORNING 733 GLASS & METAL	733	8.68	3.20%	0.00%	96.80%	0.28	0.28	10.2 OZ				4008
DOW CORNING(R) 795 SILICONE SEALANT WHITE	795 WHITE	12.69	1.80%	0.00%	98.20%	0.23	0.23	3.67OZT	0.00	0.00	0.00	12400302
DOW CORNING 790 BUILDING SEALANT	790	12.20	0.00%	0.00%	100.00%	0.00	0.00	305 ML	0.00	0.00	0.00	12511886
3M Perfect It Foam Polishing Glaze	05955	10.68	50.00%	0.00%	50.00%	3.20	2.69	GAL	1.50	0.00	0.00	12512072
COMPOSITES/PUTTYS/FILLERS												
POLYESTER GLAZING PUTTY	400	15.00	25.00%	22.50%	75.00%	3.75	0.11	20 OZ	0.00	0.00	0.00	12512063
cream hardener	27012						0.00	4 OZ TE	0.00	0.00	0.00	
RAGE GOLD BODY FILLER	106	9.30	17.50%	17.50%	82.50%	1.63	0.23	GAL	8.00	0.00	0.01	02089
DURAGLAS 24030 BODY FILLER	24030	13.02	17.50%	17.50%	82.50%	2.28	0.02	GAL	0.00	0.00	0.00	12512060
FAMWOOD PUTTY		14.36	0.04%	0.00%	99.96%	0.01	0.06	3.68 OZ	0.00	0.00	0.00	X90162
FEATHER RITE TACK FREE BODY FILI	21330	9.60	17.50%	17.50%	82.50%	1.68	0.01	GAL	0.00	0.00	0.00	X70049
FOAMS												
FROTH-PAK 180 A COMPONENT	FROTH-PAK 18	10.85	0.00%	0.00%	100.00%	0.00	0.00	36 lb/pkg	0.00	0.00	0.00	20602423
FROTH-PAK 180 B COMPONENT	FROTH-PAK 18	10.02	0.00%		100.00%	0.00	0.00	36 lb/pkg	0.00	0.00	0.00	20602423
PUR-BLACK AEROSOL FOAM		8.85	4.00%	0.00%	96.00%	0.35	0.35	32 OZ	0.00	0.00	0.00	12512337
TITCO 776 POLYFOAM - BLACK (31	0TIT776	10.02	0.00%	0.00%	100.00%	0.00	0.00	31 OZ	0.00	0.00	0.00	12513611
GREATSTUFF FOAM								ea	0.00	0.00	0.00	
DAPTEX LATEX FOAM SEALANT	38-8538	8.43	15.00%	3.00%	85.00%	1.26	1.26	12 OZ	0.00	0.00	0.00	X90104
URE FOAM SEAMSEAL 1.7 OZ (PART	06872	9.01	0.00%	0.00%	100.00%	0.00	0.00	1.7 OZ	0.00	0.00	0.00	X90105
PAINTS:												
HARD HAT SEMI-GLOSS BLACK AERC	2177	9.18	90.00%	45.00%	10.00%	8.26	8.26	12 oz	0.00	0.00	0.00	X90333
Undercoat Rubberized	21913	5.84	65.0%	36.0%	35.0%	3.80	4.50	12OZ	0.00	0.00	0.00	12512686
222S MID-COAT ADHESION PROMOTE	222S	7.08	94.22%	54.10%	5.78%	6.67	5.40	GAL	0.00	0.00	0.00	12512057
HI-HEAT ALUMINUM ENAMEL SPRAY	24710	8.35	80.00%	32.50%	20.00%	6.68	4.40	12 OZ	0.00	0.00	0.00	12512665
3812S DUPONT ENAMEL REDUCER F/	3812S	6.24	100.00%	20.40%	0.00%	6.24	5.60	GAL	0.00	0.00	0.00	X90327
KRYLON INT/EXT SPRAY PAINT GLOS	38-1607	8.35	85.00%	21.68%	15.00%	7.09	7.09	12 OZ	0.00	0.00	0.00	X70058
KRYLON INT/EXT SPRAY PAINT FLAT	38-1610	8.35	85.00%	21.68%	15.00%	7.09	7.09	12 OZ	2.25	0.01	0.00	X70058
VOOM GOLD ULTIMATE FINISH	38-8483	8.35	60.00%	0.00%	40.00%	5.01	0.00	22 OZ	0.17	0.00	0.00	90101
LACQUER THINNER 4-PLT	4-XLT	6.84	100.00%	41.84%	0.00%	6.84	6.67	GAL	0.00	0.00	0.00	X02165
RUBBER GUARD COATING 17.75 ZO N	50086	6.18	75.00%	27.50%	25.00%	4.63	4.63	17.75 OZ	6.66	0.02	0.01	X90103
SELF ETCHING PRIMER 15.5 OZ NW	60285	6.59	60.00%	17.00%	40.00%	3.96	2.47	15.5 oz	0.36	0.00	0.00	X70001
822 ADHESION PROMOTER	822	7.09	96.00%	35.00%	4.00%	6.81	6.80	ea	0.00	0.00	0.00	X90413



PERMIT NO: 1190038-001-AC EXPIRES

PLANT: S07 - WILDWOOD SERVICE CENTER
4505 Monaco Way
Wildwood, FL 37485

**INDUSTRIAL
FINISHERS**

**MCC
SKU**

MATERIAL	MATERIAL	% VOL	% HAPS	% SOLIDS	ESTIMATED	ACTUAL			INDUSTRIAL	May-03	May-03	May-03	MCC
NAME	ID NUMBER	LBS/GAL	BY WGT.	BY WGT.	BY WGT.	# VOC/GAL	# VOC/GAL	U.O.M.	PURCH	TONS VOC	TONS HAPS		SKU
8400 MAC'S NAPA RUBBERIZED UNDE	8400	8.18	77.50%	3.00%	22.50%	6.34	3.90	ea	3.38	0.01	0.00		01686
865.1K PLASTIC PRIMER	865	7.31	95.00%	95.00%	5.00%	6.94	7.00	GAL					X90461
BCH2 BASECOAT HARDENER (QT)	BCH2	7.96	72.00%	17.00%	28.00%	5.73	5.69	QT					12512007
DIAMONT BC BASES & COLORS (INCL	DAB	8.50	69.50%	37.20%	30.50%	5.91	5.65	GAL	26.00	0.07	0.04		12512016
DC5100 CTR CLEAR	DC5100	7.77	60.00%	9.00%	40.00%	4.66	3.60	GAL	0.00	0.00	0.00		X90071
DC5300 CTR BAKING CLEAR	DC5300	8.32	43.00%	2.00%	57.00%	3.58	3.60	GAL					12513757
DC76 NR TURBO CLEAR	DC76NR	7.57	65.0%	17.5%	35.0%	4.92	4.40	GAL	0.00	0.00	0.00		12512558
DC92 HIGH SOLIDS CLEAR	DC92	8.00	52.00%	5.00%	48.00%	4.16	3.60	GAL	0.00	0.00	0.00		12512263
DH14 FAST HARDENER	DH14	8.45	45.0%	21.0%	55.0%	3.80	3.80	QT	0.00	0.00	0.00		X90070
DH16 NORMAL HARDENER	DH16	8.50	45.0%	8.0%	55.0%	3.83	3.80	ea	0.00	0.00	0.00		X90137
DH18 SLOW HARDENER	DH18	8.51	45.00%	12.00%	55.0%	3.83	3.80	ea					X90642
DH 42 RAPID HS HARDENER	DH42	8.81	28.00%	16.00%	72.00%	2.47	2.50	QT	0.00	0.00	0.00		12512559
DH46 LOW VOC DIAMOND HARDI	DH46	8.54	29.0%	1.0%	71.0%	2.48	2.50	GAL	0.00	0.00	0.00		12512252
DP20 DIAMOND PRIMER	DP20	13.0	29.0%	14.0%	71.0%	3.77	3.80	GAL	0.00	0.00	0.00		12512031
DP21 2K COLOR-IT PRIMER	DP21	13.39	29.0%	7.0%	71.0%	3.88	3.90	GAL	2.00	0.00	0.00		12512030
DS30 CLEAR 2K SEALER	DS30	10.16	39.0%	13.0%	61.0%	3.96	4.00	EA	2.00	0.00	0.00		12512036
HS SOLO -HR5 JET 5	HR 5	7.09	99.50%	20.50%	0.50%	7.05	7.05	PT	0.00	0.00	0.00		12512051
JET.95 ACCELERATOR	JET95	8.13	98.00%	0.00%	2.00%	7.97	8.00	QT	0.00	0.00	0.00		12512009
LC4100 HIGH SOLIDS CLEARCOAT	LC4100	8.17	57.00%	29.00%	43.00%	4.66	4.70	GAL					X90123
LH130 ONE STEPALKYD HARDENER	LH130	7.90	74.00%	28.00%	26.00%	5.85	5.90	EA	0.00	0.00	0.00		X90521
LH20 FAST ACRYLIC HARDENER	LH20	8.92	28.00%	14.00%	72.00%	2.50	2.50	QT	0.00	0.00	0.00		X05339
LH420 OVERALL CLEAR HARDENER	LH420	8.88	28.00%	3.50%	72.00%	2.49	2.50	ea					X90640
LR12 LIMCO MEDIUM REDUCER	LR12	7.32	100.00%	89.00%	0.00%	7.32	7.30	GAL	0.00	0.00	0.00		X90124
PH60 DIAMOND HS HARDENER (FAST	PH 60	8.19	61.00%	34.00%	39.00%	5.00	5.00	QT	0.00	0.00	0.00		12512038
PH12 PRIMER SEALER HARDENER	PH12	8.02	66.00%	17.00%	34.00%	5.29	5.30	QT	0.00	0.00	0.00		5277
PNT-90 LACQUER THINNER -SLOW	PNT 90	7.02	100.00%	34.00%	0.00%	7.02	7.00	GAL	0.00	0.00	0.00		X14119
PNT88 MEDIUM LACQUER THINNER	PNT88	6.93	100.00%	18.00%	0.00%	6.93	6.90	FV	0.00	0.00	0.00		12513359
BULLDOG BOND FLEX TIE COAT	TPO0123	7.54	82.76%	61.00%	17.24%	6.24	6.24	12 OZ	0.00	0.00	0.00		12513402
UA97 POLYUROXY ACTIVATOR	UA97	6.99	87.00%	88.00%	13.00%	6.08	6.00	QT	0.00	0.00	0.00		X14104
UBR200 SPOT BLENDER	UBR200	7.59	99.00%	20.00%	1.00%	7.51	7.50	gal	0.00	0.00	0.00		X90555
REDUCER UNIVERSAL LOW TEMP	UR40	7.40	100.00%	15.00%	0.00%	7.40	7.40	GAL	0.00	0.00	0.00		12511989
UR50 UNIVERSAL MID TEMP REDUCE	UR50	7.28	100.00%	3.00%	0.00%	7.28	7.30	GAL	0.00	0.00	0.00		12511992
UR60 UNIVERSAL HIGH TEMP REDUC	UR60	7.54	100.00%	4.00%	0.00%	7.54	7.50	GAL	0.00	0.00	0.00		12511995
UR70 VERY SLOW REDUCER	UR70	7.37	100.00%	9.00%	0.00%	7.37	7.40	GAL	0.00	0.00	0.00		18566
STAINS AND WOODWORKING MATERIALS													
LACQUER CLEAR FLAT	102-0428	6.60	87.00%		13.00%	5.74		13 OZ	0.00	0.00	0.00		X01721
TONE FINISH STAIN (ALL COLORS)	M101-XXXX	6.43	91.00%	5.00%	9.00%	5.85	4.48	13 OZ	0.00	0.00	0.00		X05382
LACQUER SANDING SEALER	102-0423	6.60	95.00%		5.00%	6.27	5.80	13 OZ	0.00	0.00	0.00		
TONE FINISH CLEAR LACQUER (ALL 902-0420 TO 04		6.59	9.33%	7.00%	3.18%	0.62	5.68	13 OZ	0.00	0.00	0.00		12029998
STAIN AUTUMN HAZE	ST-1005	6.52	97.4%		2.57%	6.35	5.80	gal	5.00	0.01	0.00		12030000
CLEANERS/SOLVENTS AND REST BELOW THIS POINT:													
ACETONE HI MOISTURE	UN1090	6.60	100.00%	0.00%	0.00%	6.60	0.00	DR/GAL	0.00	0.00	0.00		12512003
STAPUT ADHESIVE REMOVER AEROSOL		5.95	100.00%	0.00%	0.00%	5.95	5.91	15 OZ	0.00	0.00	0.00		X05381
ST6 LACQUER THINNER	816-5	7.04	100.00%	63.00%	0.00%	7.04	5.64	fv	25.00	0.07	0.06		X90643
900 PRE-KLEANO	900	6.29	100.00%	0.00%	0.00%	6.29	6.30	GAL	0.00	0.00	0.00		12511998
901 PRE-PAINT CLEANER	901	5.95	100.00%	8.00%	0.00%	5.95	6.00	gal	0.00	0.00	0.00		12512245
ASSAULT DEGREASER	2620	8.93	100.00%	10.00%	0.00%	8.93	0.89	GAL	0.00	0.00	0.00		P.O. 3243183
ORANGE BLAST DEGREASER	143137	8.35	100.00%	5.00%	0.00%	8.35	0.42	ea	0.00	0.00	0.00		X90556
SIMPLE GREEN CLEANER & DEGREAS	44412	8.50	100.00%	0.00%	0.00%	8.50	0.07	67 OZ	0.00	0.00	0.00		01375
203 LIMCO PREPAINT CLEANER	203	6.29	100.00%	0.00%	0.00%	6.29	6.30	GAL	0.00	0.00	0.00		12512000
POLYCRACKER (COAT REMOVER)		8.59	100.00%	0.00%	0.00%	8.59	0.00	GAL	0.00	0.00	0.00		X05351
PURPLE POWER CLEANER	4320p	8.68	100.00%	0.00%	0.00%	8.68	0.00	GAL	0.00	0.00	0.00		X90390
RUST-MORT	69504	9.93	14.55%		85.45%	1.45	1.45	QT	0.00	0.00	0.00		X90347
139 LIMCO FINAL WASH	139	6.00	100.00%	8.00%	0.00%	6.00	5.83	GAL	0.00	0.00	0.00		12512986
GOOF OFF SPRAY PUMP	GO 3063	8.30	100.00%	0.00%	0.00%	8.30	0.25	12 OZ	0.00	0.00	0.00		04004231
SUPER GLUE REMOVER	21992	8.85	100.00%	0.00%	0.00%	8.85	8.76	1 OZ	0.00	0.00	0.00		04004524
FORMULA 409 CLEANSER	409	8.43	100.00%	2.75%	0.00%	8.43	0.23	32 OZ	0.00	0.00	0.00		X90339
BUG OFF CLEANING COMPOUND	38-8488	8.35	95.00%	0.00%	5.00%	7.93	0.83	32 oz	0.00	0.00	0.00		X70059
3M HIGH POWER BRAKE CLEANER	08880	5.83	100.00%	35.30%	0.00%	5.83	5.83	20oz	0.00	0.00	0.00		04006632
3M BRAKE CLEANER 21 PN08180	08180	7.35	100.00%	0.20%	0.00%	7.35	3.23	OZ 12/0	0.00	0.00	0.00		X90323
CRC NON-CHLORINATED BRAKE PAR	63338	6.80	100.00%	47.00%	0.00%	6.80	3.36	OZ 12/0	0.00	0.00	0.00		X90334
VINYL & PLASTIC CLEANER QT	80270	8.51	100.00%	0.00%	0.00%	8.51	0.40	QT	0.50	0.00	0.00		S12511923
ISOPROPYL ALC		8.10	100.00%		0.00%	8.10	8.10	FV	0.00	0.00	0.00		04006570
PANEL MAGIC AEROSOL 13 OZ PM10	38-8565	7.76	100.00%	0.00%	0.00%	7.76	1.86	13 OZ	0.00	0.00	0.00		X90100
GOO GONE ALL PURPOSE CLEANER	38-8559	8.37	100.00%	0.00%	0.00%	8.37	0.16	24 OZ	0.00	0.00	0.00		X90099
WINDEX BLUE (REFILL) 10672 UPC 1919800-08522		8.31	100.00%	1.55%	0.00%	8.31	0.37	160 OZ	0.00	0.00	0.00		X70073
GLASS KLEEN 23OZ NW	60120	7.85	100.00%	0.00%	0.00%	7.85	0.95	23 OZ	1.08	0.00	0.00		X90095
ACRYSOL BODY SOLVENT 16OZ NW	60170	5.76	100.00%	20.50%	0.00%	5.76	5.76	16 OZ	18.75	0.05	0.01		S12511894
CRC BATTERY CLEANER		8.68	80.00%	10.00%	20.00%	6.94	0.25	2oz 12/0	0.00	0.00	0.00		X90332
BUFFS & POLISHES													
3M PERFECT-IT III EXTRA CUT COMPOUND 05936	05936	9.18	67.50%	0.50%	32.50%	6.20	3.00	QT	0.25	0.00	0.00		12513092
3M FINESSE-IT II FINISHING MATERIA	5928	8.35	87.50%	0.00%	12.50%	7.30	1.92	QT	0.00	0.00	0.00		1205
3M PERFECT-IT III FINISHING GLAZE	5941	8.10	75.99%	0.00%	24.01%	6.15	1.70	EA	1.00	0.00	0.00		X14094
M02 FINE CUT CLEANER	M-0216	8.76	18.00%	4.50%	82.00%	1.58	1.58	16 OZ	0.00	0.00	0.00		X70051



PERMIT NO: 1190038-001-AC EXPIRES

PLANT: S07 - WILDWOOD SERVICE CENTER
4505 Monaco Way
Wildwood, FL 37485

**INDUSTRIAL
FINISHERS**

**MCC
SKU**

MATERIAL	MATERIAL	% VOL	% HAPS	% SOLIDS	ESTIMATED	ACTUAL			INDUSTRIAL			
NAME	ID NUMBER	LBS/GAL	BY WGT.	BY WGT.	BY WGT.	# VOC/GAL	# VOC/GAL	U.O.M.	PURCH	TONS VOC	TONS HAPS	
CLAY MAGIC PROFESSIONAL SIZE BA	CM-2200 KIT	16.69	0.00%	0.00%	100.00%	0.00	0.00	EA	0.00	0.00	0.00	X90335
ONCE N DONE	S-330	8.35	100.00%	0.00%	0.00%	8.35	4.40	32 oz	0.00	0.00	0.00	X90336
M01 MEDIUM CUT CLEANER	M-0116	10.02	7.00%	0.00%	93.00%	0.70	0.70	16 OZ	0.00	0.00	0.00	X70050
MISC												
LEAK TRACE POWDER 7 OZ NW	20185	5.34	98.90%		1.10%	5.28	5.03	7 OZ	0.00	0.00	0.00	12700117
GOJO ORANGE PUMICE HAND CLEANER		7.51	70.00%	0.00%	30.00%	5.26	1.13	ea	0.00	0.00	0.00	X80003
SEALAND LIQUID HOLDING TANK DEODORIZER		8.38	35.00%	0.00%	65.00%	2.93	2.93	8OZ	0.00	0.00	0.00	12512529
HYDROBREAK CC14	CC14	9.56	100.00%	2.50%	0.00%	9.56	0.24	GAL	0.00	0.00	0.00	X90340
FAB SET NEUTRALIZER	CR12	8.68	100.00%	0.00%	0.00%	8.68	0.00	GAL	0.00	0.00	0.00	X90341
MURIATIC ACID (HYDORCHLORIC ACID SOLUTION)		9.81	100.00%	0.00%	0.00%	9.81	0.00	GAL	0.00	0.00	0.00	X90069
SPOT SHOT CARPET CLEANER	42027	8.35	35.00%	25.00%	65.00%	2.92	2.92	14 OZ	0.00	0.00	0.00	X90544
PROCHEM FOAM SOLVENT CARPET	B103	8.40	100.00%	0.00%	0.00%	8.40	0.00	GAL	0.00	0.00	0.00	X90344
PROCHEM DRY SLURRY S776	S776	8.35	0.00%	0.00%	100.00%	0.00	0.00	GAL	0.00	0.00	0.00	X90345
SCOTT'S LIQUID GOLD WOOD CLEANER & PRESERVATIVE	169199	7.58	100.00%	0.00%	0.00%	7.58	7.58	12 OZ	0.00	0.00	0.00	X90553
BIO-ENZYME DECONTAMINANT	CD21	8.35	100.00%	0.00%	0.00%	8.35	0.63	GAL	0.00	0.00	0.00	X90346
CRC BATTERY TERMINAL PROTECTOR		7.09	61.70%	22.00%	38.30%	4.38	4.38	2oz 12/c	0.00	0.00	0.00	X90343
LUBRICANTS, OILS, ATF, AND GASES												
CITGO TRANSGUARD ATF/DEXRON III/MERCON ATF		7.26	100.00%	0.00%	0.00%	7.26	0.00	GAL	26.00	0.00	0.00	12512828
MECHANICS HELPER	1286	8.68	0.00%	0.00%	100.00%	0.00	0.00	ea				X90638
PB PENETRATING CATALYST	PB16	7.52	69.10%	0.00%	30.90%	5.19	5.19	EA	0.00	0.00	0.00	X90342
CRC EXTREME DUTY SILICONE AERC	03030	5.87	97.00%	0.00%	3.00%	5.70	5.30	6oz 12/c	0.00	0.00	0.00	X90326
CRC STA-LUBE WHITE LUBE SL3361	3-36	7.90	50.00%	0.00%	50.00%	3.95	3.95	11 oz	0.00	0.00	0.00	X90325
WHITE LUBE LITHIUM GREASE	21911	5.84	55.00%	35.00%	45.00%	3.21	3.70	12OZ	0.00	0.00	0.00	12512685
SUPER SLIDE DRY LUBE 10.25 OZ NW	50077	5.34	100.00%	0.00%	0.00%	5.34	5.29	10.25 OZ	0.02	0.00	0.00	X14045
ANTIFREEZE 50/50		8.42	100.00%	0.00%	0.00%	8.42	0.00	GAL	24.00	0.00	0.00	
MOTOR OIL 15W40		7.26		0.00%	100.00%	0.00	0.00	DRUMS	6.00	0.00	0.00	
BRAKE FLUID DOT 5				0.00%	100.00%	0.00	0.00	GAL	0.00	0.00	0.00	
CHEVRON TEGRA SYTHETIC GEAR O	75W90	7.26	100.00%	0.00%	0.00%	7.26	0.17	GAL	13.00	0.00	0.00	X80001
WD-40 AEROSOL	WD40	6.81	70.00%	0.00%	30.00%	4.77		11 OZ	0.00	0.00	0.00	12512721
HAZARDOUS WASTE-RECLAMATION	WASTE	7.41	89.20%		10.80%	6.61		DRUMS	0.00	0.00	0.00	
TOTAL USAGE									228.07	0.28	0.09	
GASES (STANDARD AIR DENSITY = 1.229 KG/M³ OR 0.07676 LBS/FT³)												
PROPANE						0.00	0.00	GAL	39.60			
OXYGEN 337							0.00	CYL	0.00			
FREON SUBSTITUTE	134A						0.00	LB CY	0.00			
ARGON							0.00	CYL	0.00			
BLUESHIELD GAS MIX #23	#23	0.11	100.00%	0.00%	0.00%	0.11	0.00	CYL				X90639
ACETYLENE						0.00	0.00	CYL	0.00			
WELD WIRE												



PERMIT NO: 1190038-001-AC EXPIRES
PLANT: S07 - WILDWOOD SERVICE CENTER
4505 Monaco Way
Wildwood, FL 37485

INDUSTRIAL FINISHERS
 Jun-03 Jun-03 Jun-03



MATERIAL	MATERIAL	% VOL	% HAPS	% SOLIDS	ESTIMATED	ACTUAL				Jun-03	Jun-03	Jun-03			
NAME	ID NUMBER	LBS/GAL	BY WGT.	BY WGT.	BY WGT.	# VOC/GAL	# VOC/GAL	U.O.M.	PURCH	TONS VOC	TONS HAPS				
ADHESIVES:													39.92	0.07	0.01
811 CLEAR ADHESION PROMOTER	811	7.04	96.00%		4.00%	6.76	6.70	GAL	0.00	0.00	0.00	12512048	12512		
FLAMMABLE WHISPER SPRAY 514R	514R	6.90	0.00%	0.00%	100.00%	0.00	2.14	GAL	0.00	0.00	0.00	12512956			
3M AUTOMIX PANEL BONDING ADHES	8115	10.02	0.00%	0.00%	100.00%	0.00	0.00	200 ML	0.00	0.00	0.00	90601			
BENDERS 630 LD CONTACT CEMENT	630	6.68	88.00%	50.00%	12.00%	5.88	2.60	ea	1.50	0.00	0.00	02179			
UVR ELASTISEAL SPRING WHITE	7549	10.02	30.60%	19.00%	69.40%	3.07	3.07	FV	0.00	0.00	0.00	1240249			
EPDM ROOFING MEMBRANE ADHESIVE	905 BA	8.64	50.00%	0.00%	50.00%	4.32	0.19	FV	0.00	0.00	0.00	12100674			
BORING SMITH BSI WEB 76 ADHESIVE	bsiweb76	5.84	82.30%	35.00%	17.70%	4.81	3.77	ea	0.00	0.00	0.00	12513714			
GH14 GOLDEN HARVEST CLEAR WAL	GH-14	8.76	66.00%	0.00%	34.00%	5.78	0.42	ea	0.00	0.00	0.00	X90329			
PRO-BOND (TITE-R-BOND)	AP.32	7.43	98.50%	2.50%	1.50%	7.32	7.32	32 OZ	6.25	0.02	0.00	12100641			
BOSTIC 1100 FAST SET POLYURETHA	1100FS	9.98	9.80%	9.80%	90.20%	0.98	2.08	10.3 OZ	7.73	0.01	0.00	12511708			
BOSTIC 1100 FAST SET POLYURETHA	1100FS	9.98	9.80%	9.80%	90.20%	0.98	2.08	10.3 OZ	0.00	0.00	0.00	7143			
ISR70-08KC WINDSHIELD ADHESIVE (ISR70-08KC	11.35	0.00%	0.00%	100.00%	0.00	0.00	10.3 OZ	0.00	0.00	0.00	12513252			
LOCTITE PRISM 401 SURF-INSENSITIV	401	8.76	68.00%	0.00%	32.00%	5.96	5.96	EA	0.00	0.00	0.00	S04003845			
ABS CEMENT	88-7783	7.18	73.00%		27.00%	5.24		QTS	4.00	0.01	0.00	12511793			
STAPUT-IV M AEROSOL ADHESIVE	97321	7.96	81.7%	0.00%	18.3%	6.51	5.29	16 OZ	7.50	0.02	0.00		12101558		
STAPUT-III AEROSOL ADHESIVE 15OZ	SP2ACC	5.93	79.9%	7.50%	20.07%	4.74	4.77	15 OZ	0.51	0.00	0.00	S12511914			
dap wildwood original contact cement		7.43	70.0%	70.00%	30.00%	5.20	5.20	ea	2.00	0.01	0.01	X90445			
CHEM-WELD EP 10 OZ DC	10615	13.86	0.00%	0.00%	100.00%	0.00	0.00	10 OZ	0.23	0.00	0.00	S12511901			
CHEM-WELD EP 1.7 OZ	10641	13.86	0.00	0.00	100.00%	0.00	0.00	1.7 OZ	0.00	0.00	0.00	S12511925			
CLEAR BOND ADH (10561)	10561	9.64	0.00%	0.00%	100.00%	0.00	0.00	7 OZ	0.05	0.00	0.00	S12511924			
KER 130 GRAN/RAPID WHITE FAST SETTING LATEX HYDRALIC MORTAR	KER130	24.71	0.00%	0.00%	100.00%	0.00	0.00	50 LBS	0.00	0.00	0.00	12512102			
KER 130 GRAN/RAPID WHITE FAST.S	KER130	24.71	0.00%	0.00%	100.00%	0.00	0.00	50 LBS	0.00	0.00	0.00	12512102			
KER 116 ULTRAFLEX II WHITE ONE-S	KER116	14.77	0.00%	0.00%	100.00%	0.00	0.00	TO 50 L	10.15	0.00	0.00	X90477			
UNIFLEX 216 ELASTOMERIC DRY SET MORTAR AND ANTI FR	12512364/916	10.40	0.00%	0.00%	100.00%	0.00	0.00	4 GAL PAIL	0.00	0.00	0.00	12512364			
SC-0273 SOLVENT BASED ADHESIVE	38-8725	7.67	40.00%	40.00%	60.00%	3.07	3.07	1 GAL	0.00	0.00	0.00	X90108			
BOSTIK SUPERTAK HP ADHESIVE	150724	5.76	73.80%	27.50%	26.20%	4.25	4.25	17 OZ	0.00	0.00	0.00	12511709			
CAULKS & SEALANTS:													42.79	0.03	0.03
SIKAFLEX 221	221	9.93	6.00%	8.00%	94.00%	0.60	0.89	20 oz	0.00	0.00	0.00	12511876			
PLASTISEAM SEAM SEALER	F-715	7.57	88.00%	52.20%	12.00%	6.66	6.66	ea				X90644			
Dap KWIK SEAL TUB & TILE CAULK	A8-8960 38-867	12.94	2.00%	0.00%	98.00%	0.26	0.15	ea	0.00	0.00	0.00	X90240			
STONE MASON CONCRETE CRACK FI	M1E 3X6	8.35	2.10%	1.00%	97.90%	0.18	0.18	QT				X90637			
SELF-LEVELING SEALANT 502 LS	502 LS	10.68	22.70%	8.90%	77.30%	2.43	2.42	11 OZ	0.00	0.00	0.00		12400130		
BATTERY SEALER HD 12.25 OZ NW	60478	6.26	75.00%	35.00%	25.00%	4.70	4.67	12.25 OZ	0.00	0.00	0.00	X70035			
3M ALL AROUND AUTOBODY SEALAN	8500	12.52	30.00%	0.00%	70.00%	3.76	0.17	GAL 24/	0.00	0.00	0.00	X90331			
3M FAST N FIRIM SEAM SEALER	8505	12.69	17.00%	9.50%	83.00%	2.16	2.63	GAL 12/	0.00	0.00	0.00	X90330			
HIGH PERFORMANCE COLORMETRIC SILICONE SEALANT WHITE	88-4312	8.66	5.00%	0.00%	95.00%	0.43	0.52	10.6 OZ	0.95	0.00	0.00	X18067			
HIGH PERFORMANCE COLORMETRIC SILICONE SEALANT CLEAR	88-4322	8.64	5.00%	0.00%	95.00%	0.43	0.52	10.6 OZ	0.00	0.00	0.00	12511781			
MS-101 SEALANT COLORMETRIC WHITE	88-4371	8.35	55.00%		45.00%	4.59		10.6 OZ	0.00	0.00	0.00	12511107			
ACRYLIC SEAM SEALER	SM5504	8.26	42.00%	39.50%	58.00%	3.47	3.50	PT	15.38	0.03	0.03	12511837			
DAP DOW CORNING 100% SILICONE	38-8557	8.51	0.00%	0.00%	100.00%	0.00	0.00	10.1 OZ	2.84	0.00	0.00	12030015			
DAP DOW CORNING 100% SILICONE	38-8678	8.51	0.00%	0.00%	100.00%	0.00	0.00	10.1 OZ	1.89	0.00	0.00	S12512008			
SEALANT SILICONE CLEAR	999	8.68	0.00%	0.00%	100.00%	0.00	0.00	10.3 OZ	0.00	0.00	0.00	12400322			
DOW CORNING 733 GLASS & METAL	733	8.68	3.20%	0.00%	96.80%	0.28	0.28	10.2 OZ	1.91	0.00	0.00	4008			
DOW CORNING(R) 795 SILICONE SEALANT WHITE	795 WHITE	12.69	1.80%	0.00%	98.20%	0.23	0.23	0.67OZ	4.00	0.00	0.00	12400302			
DOW CORNING 790 BUILDING SEALANT	790	12.20	0.00%	0.00%	100.00%	0.00	0.00	305 ML	0.00	0.00	0.00	12511886			
3M Perfect It Foam Polishing Glaze	05955	10.68	50.00%	0.00%	50.00%	3.20	2.69	GAL	0.00	0.00	0.00	12512072			
COMPOSITES/PUTTYS/FILLERS															
POLYESTER GLAZING PUTTY	400	15.00	25.00%	22.50%	75.00%	3.75	0.11	20 OZ	0.47	0.00	0.00	12512063			
cream hardener	27012						0.00	4 OZ TE	0.00	0.00	0.00				
RAGE GOLD BODY FILLER	106	9.30	17.50%	17.50%	82.50%	1.63	0.23	GAL	6.00	0.00	0.00	02089			
DURAGLAS 24030 BODY FILLER	24030	13.02	17.50%	17.50%	82.50%	2.28	0.02	GAL	0.00	0.00	0.00	12512060			
FAMWOOD PUTTY		14.36	0.04%	0.00%	99.96%	0.01	0.06	3.68 OZ	0.00	0.00	0.00	X90162			
FEATHER RITE TACK FREE BODY FIL	21330	9.60	17.50%	17.50%	82.50%	1.68	0.01	GAL	0.00	0.00	0.00	X70049			
FOAMS															
FROTH-PAK 180 A COMPONENT	FROTH PAK 18	10.85	0.00%	0.00%	100.00%	0.00	0.00	36 lb/pkg	3.32	0.00	0.00	20602423			
FROTH-PAK 180 B COMPONENT	FROTH PAK 18	10.02	0.00%		100.00%	0.00	0.00	36 lb/pkg	3.59	0.00	0.00	20602423			
PUR-BLACK AEROSOL FOAM		8.85	4.00%	0.00%	96.00%	0.35	0.35	32 OZ	0.00	0.00	0.00	12512337			
TITECO 776 POLYFOAM - BLACK (31	6TIT776	10.02	0.00%	0.00%	100.00%	0.00	0.00	31 OZ	0.00	0.00	0.00	12513611			
GREATSTUFF FOAM								ea	2.44	0.00	0.00				
DAPTEX LATEX FOAM SEALANT	38-8538	8.43	15.00%	3.00%	85.00%	1.26	1.26	12 OZ	0.00	0.00	0.00	X90104			
URE-FOAM SEAMSEAL 1.7 OZ (PART	06872	9.01	0.00%	0.00%	100.00%	0.00	0.00	1.7 OZ	0.00	0.00	0.00	X90105			
PAINTS:													22.77	0.06	
HARD HAT SEMI-GLOSS BLACK AERC	2177	9.18	90.00%	45.00%	10.00%	8.26	8.26	12 oz	0.00	0.00	0.00	X90333			
Undercoat Rubberized	21913	5.84	65.0%	36.0%	35.0%	3.80	4.50	12OZ	0.00	0.00	0.00	12512686			
222S MID-COAT ADHESION PROMOTE	222S	7.08	94.22%	54.10%	5.78%	6.67	5.40	GAL	0.00	0.00	0.00	12512057			
HI-HEAT ALUMINUM ENAMEL SPRAY	24710	8.35	80.00%	32.50%	20.00%	6.68	4.40	12 OZ	0.00	0.00	0.00	12512665			
3812S DUPONT ENAMEL REDUCER F/	3812S	6.24	100.00%	20.40%	0.00%	6.24	5.60	GAL	0.00	0.00	0.00	X90327			
KRYLON INT/EXT SPRAY PAINT GLOS	38-1607	8.35	85.00%	21.68%	15.00%	7.09	7.09	12 OZ	0.00	0.00	0.00	X70058			
KRYLON INT/EXT SPRAY PAINT FLAT	38-1610	8.35	85.00%	21.68%	15.00%	7.09	7.09	12 OZ	0.00	0.00	0.00	X70058			
VOOM GOLD ULTIMATE FINISH	38-8483	8.35	60.00%	0.00%	40.00%	5.01	0.00	22 OZ	0.00	0.00	0.00	90101			
LACQUER THINNER 4-PLT	4-XLT	6.84	100.00%	41.84%	0.00%	6.84	6.67	GAL	0.00	0.00	0.00	X02165			
RUBBER GUARD COATING 17.75 ZO N	50086	6.18	75.00%	27.50%	25.00%	4.63	4.63	17.75 OZ	0.00	0.00	0.00	X90103			
SELF ETCHING PRIMER 15.5 OZ NW	60285	6.59	60.00%	17.00%	40.00%	3.96	2.47	15.5 oz	0.36	0.00	0.00	X70001			
822 ADHESION PROMOTER	822	7.09	96.00%	35.00%	4.00%	6.81	6.80	ea	0.00	0.00	0.00	X90413			



MIT NO: 1190038-001-AC EXPIRES

PLANT: S07 - WILDWOOD SERVICE CENTER
4505 Monaco Way
Wildwood, FL 37485

INDUSTRIAL
FINISHERS

MCC
SKU

MATERIAL	MATERIAL	% VOL	% HAPS	% SOLIDS	ESTIMATED	ACTUAL			Jun-03	Jun-03	Jun-03	
NAME	ID NUMBER	LBS/GAL	BY WGT.	BY WGT.	BY WGT.	# VOC/GAL	# VOC/GAL	U.O.M.	PURCH	TONS VOC	TONS HAPS	
8400 MAC'S NAPA RUBBERIZED UNDE	8400	8.18	77.50%	3.00%	22.50%	6.34	3.90	ea	0.00	0.00	0.00	01686
865 1K PLASTIC PRIMER	865	7.31	95.00%	95.00%	5.00%	6.94	7.00	GAL				X90461
BCH2 BASECOAT HARDENER (QT)	BCH2	7.96	72.00%	17.00%	28.00%	5.73	5.69	QT				12512007
DIAMONT-BC BASES & COLORS (INCL	DAB	8.50	69.50%	37.20%	30.50%	5.91	5.65	GAL	8.25	0.02	0.01	12512016
DC5100 CTR CLEAR	DC5100	7.77	60.00%	9.00%	40.00%	4.66	3.60	GAL	0.00	0.00	0.00	X90071
DC5300 CTR BAKING CLEAR	DC5300	8.32	43.00%	2.00%	57.00%	3.58	3.60	GAL				12513757
DC76 NR TURBO CLEAR	DC76NR	7.57	65.0%	17.5%	35.0%	4.92	4.40	GAL	0.00	0.00	0.00	12512558
DC92 HIGH SOLIDS CLEAR	DC92	8.00	52.00%	5.00%	48.00%	4.16	3.60	GAL	0.00	0.00	0.00	12512263
DH14 FAST HARDENER	DH14	8.45	45.0%	21.0%	55.0%	3.80	3.80	QT	0.00	0.00	0.00	X90070
DH16 NORMAL HARDENER	DH16	8.50	45.0%	8.0%	55.0%	3.83	3.80	ea	0.00	0.00	0.00	X90137
DH18 SLOW HARDENER	DH18	8.51	45.00%	12.00%	55.0%	3.83	3.80	ea				X90642
DH 42 RAPID HS HARDENER	DH42	8.81	28.00%	16.00%	72.00%	2.47	2.50	QT	0.00	0.00	0.00	12512559
DH46 LOW VOC DIAMOND HARDI	DH46	8.54	29.0%	1.0%	71.0%	2.48	2.50	GAL	0.00	0.00	0.00	12512252
DP20 DIAMOND PRIMER	DP20	13.0	29.0%	14.0%	71.0%	3.77	3.80	GAL	0.00	0.00	0.00	12512031
DP21 2K COLOR-IT PRIMER	DP21	13.39	29.0%	7.0%	71.0%	3.88	3.90	GAL	1.00	0.00	0.00	12512030
DS30 CLEAR 2K SEALER	DS30	10.16	39.0%	13.0%	61.0%	3.96	4.00	EA	1.00	0.00	0.00	12512036
HS SOLO - HR5 JET 5	HR 5	7.09	99.50%	20.50%	0.50%	7.05	7.05	PT	0.00	0.00	0.00	12512051
JET 95 ACCELERATOR	JET95	8.13	98.00%	0.00%	2.00%	7.97	8.00	QT	0.00	0.00	0.00	12512009
LC4100 HIGH SOLIDS CLEARCOAT	LC4100	8.17	57.00%	29.00%	43.00%	4.66	4.70	GAL				X90123
LH130 ONE STEPALKYD HARDENER	LH130	7.90	74.00%	26.00%	26.00%	5.85	5.90	EA	0.00	0.00	0.00	X90521
LH20 FAST ACRYLIC HARDENER	LH20	8.92	28.00%	14.00%	72.00%	2.50	2.50	QT	0.00	0.00	0.00	X05339
LH420 OVERALL CLEAR HARDENER	LH420	8.88	28.00%	3.50%	72.00%	2.49	2.50	ea				X90640
LR12 LIMCO MEDIUM REDUCER	LR12	7.32	100.00%	89.00%	0.00%	7.32	7.30	GAL	0.00	0.00	0.00	X90124
PH60 DIAMOND HS HARDENER (FAST	PH 60	8.19	61.00%	34.00%	39.00%	5.00	5.00	QT	0.00	0.00	0.00	12512038
PH12 PRIMER SEALER HARDENER	PH12	8.02	66.00%	17.00%	34.00%	5.29	5.30	QT	0.00	0.00	0.00	5277
PNT 90 LACQUER THINNER SLOW	PNT 90	7.02	100.00%	34.00%	0.00%	7.02	7.00	GAL	1.00	0.00	0.00	X14119
PNT88 MEDIUM LACQUER THINNER	PNT88	6.93	100.00%	18.00%	0.00%	6.93	6.90	FV	0.00	0.00	0.00	12513359
BULLDOG BOND FLEX TILE COAT	TP00123	7.54	82.76%	61.00%	17.24%	6.24	6.24	12 OZ	1.00	0.00	0.00	12513402
UA97 POLYUROXY ACTIVATOR	UA97	6.99	87.00%	88.00%	13.00%	6.08	6.00	QT	0.00	0.00	0.00	X14104
UBR200 SPOT BLENDER	UBR200	7.59	99.00%	20.00%	1.00%	7.51	7.50	gal	0.00	0.00	0.00	X90555
REDUCER UNIVERSAL LOW TEMP	UR40	7.40	100.00%	15.00%	0.00%	7.40	7.40	GAL	0.00	0.00	0.00	12511989
UR50 UNIVERSAL MID TEMP REDUCE	UR50	7.28	100.00%	3.00%	0.00%	7.28	7.30	GAL	0.00	0.00	0.00	12511992
UR60 UNIVERSAL HIGH TEMP REDUC	UR60	7.54	100.00%	4.00%	0.00%	7.54	7.50	GAL	0.00	0.00	0.00	12511995
UR70 VERY SLOW REDUCER	UR70	7.37	100.00%	9.00%	0.00%	7.37	7.40	GAL	0.00	0.00	0.00	18566
STAINS AND WOODWORKING MATERIALS												
LACQUER CLEAR FLAT	102-0428	6.60	87.00%		13.00%	5.74		13 OZ	0.00	0.00	0.00	X01721
TONE FINISH STAIN (ALL COLORS)	M101-XXXX	6.43	91.00%	5.00%	9.00%	5.85	4.48	13 OZ	10.16	0.02	0.00	x05382
LACQUER SANDING SEALER	102-0423	6.60	95.00%		5.00%	6.27	5.80	13 OZ	0.00	0.00	0.00	
TONE FINISH CLEAR LACQUER (ALL S02-0420 TO 04		6.59	9.33%	7.00%	3.18%	0.62	5.68	13 OZ	0.00	0.00	0.00	12029998
STAIN AUTUMN HAZE	ST-1005	6.52	97.4%		2.57%	6.35	5.80	gal	0.00	0.00	0.00	12030000
CLEANERS/SOLVENTS AND REST BELOW THIS POINT:												
ACETONE HI MOISTURE	UN1090	6.60	100.00%	0.00%	0.00%	6.60	0.00	DR/GAL	0.00	0.00	0.00	12512003
STAPUT ADHESIVE REMOVER AEROSOL		5.95	100.00%	0.00%	0.00%	5.95	5.91	15 OZ	0.00	0.00	0.00	X05381
ST6 LACQUER THINNER	st6-5	7.04	100.00%	63.00%	0.00%	7.04	5.64	fv	30.00	0.08	0.07	X90643
900 PRE-KLEANO	900	6.29	100.00%	0.00%	0.00%	6.29	6.30	GAL	0.00	0.00	0.00	12511998
901 PRE-PAINT CLEANER	901	5.95	100.00%	8.00%	0.00%	5.95	6.00	gal	0.00	0.00	0.00	12512245
ASSAULT DEGREASER	2620	8.93	100.00%	10.00%	0.00%	8.93	0.89	GAL	0.00	0.00	0.00	P.O. 3243183
ORANGE BLAST DEGREASER	143137	8.35	100.00%	5.00%	0.00%	8.35	0.42	ea	0.00	0.00	0.00	X90556
SIMPLE GREEN CLEANER & DEGREAS	44412	8.50	100.00%	0.00%	0.00%	8.50	0.07	67 OZ	0.00	0.00	0.00	01375
203 LIMCO PREPAINT CLEANER	203	6.29	100.00%	0.00%	0.00%	6.29	6.30	GAL	0.00	0.00	0.00	12512000
POLYCRACKER (COAT REMOVER)		8.59	100.00%	0.00%	0.00%	8.59	0.00	GAL	0.00	0.00	0.00	X05351
PURPLE POWER CLEANER	4320p	8.68	100.00%	0.00%	0.00%	8.68	0.00	GAL	0.00	0.00	0.00	X90390
RUST MORT	69504	9.93	14.55%		85.45%	1.45	1.45	QT	0.00	0.00	0.00	X90347
139 LIMCO FINAL WASH	139	6.00	100.00%	8.00%	0.00%	6.00	5.83	GAL	0.00	0.00	0.00	12512986
GOOF OFF SPRAY PUMP	GO 3063	8.30	100.00%	0.00%	0.00%	8.30	0.25	12 OZ	0.00	0.00	0.00	04004231
SUPER GLUE REMOVER	21992	8.85	100.00%	0.00%	0.00%	8.85	8.76	1 OZ	0.00	0.00	0.00	04004524
FORMULA 409 CLEANSER	409	8.43	100.00%	2.75%	0.00%	8.43	0.23	32 OZ	0.00	0.00	0.00	X90339
BUG OFF CLEANING COMPOUND	38-8488	8.35	95.00%	0.00%	5.00%	7.93	0.83	32 oz	0.00	0.00	0.00	X70059
3M HIGH POWER BRAKE CLEANER	08880	5.83	100.00%	35.30%	0.00%	5.83	5.83	20oz	0.00	0.00	0.00	04006632
3M BRAKE CLEANER 21 PN08180	08180	7.35	100.00%	0.20%	0.00%	7.35	3.23	OZ 12/0	0.00	0.00	0.00	X90323
CRC NON-CHLORINATED BRAKE PAR	63338	6.80	100.00%	47.00%	0.00%	6.80	3.36	OZ 12/0	0.00	0.00	0.00	x90334
VINYL & PLASTIC CLEANER QT	80270	8.51	100.00%	0.00%	0.00%	8.51	0.40	QT	0.00	0.00	0.00	S12511923
ISOPROPYL ALC		8.10	100.00%		0.00%	8.10	8.10	FV	0.00	0.00	0.00	04006570
PANEL MAGIC AEROSOL 13 OZ PM10	38-8565	7.76	100.00%	0.00%	0.00%	7.76	1.86	13 OZ	0.00	0.00	0.00	X90100
GOO GONE ALL PURPOSE CLEANER	38-8559	8.37	100.00%	0.00%	0.00%	8.37	0.16	24 OZ	0.00	0.00	0.00	X90099
WINDEX-BLUE (REFILL) 10672 UPC 19 19800-08522		8.31	100.00%	1.55%	0.00%	8.31	0.37	160 OZ	0.00	0.00	0.00	X70073
GLASS KLEEN 23OZ NW	60120	7.85	100.00%	0.00%	0.00%	7.85	0.95	23 OZ	0.00	0.00	0.00	X90095
ACRYSOL BODY SOLVENT 16OZ NW	60170	5.76	100.00%	20.50%	0.00%	5.76	5.76	16 OZ	7.50	0.02	0.00	S12511894
CRC BATTERY CLEANER		8.68	80.00%	10.00%	20.00%	6.94	0.25	2oz 12/0	0.00	0.00	0.00	X90332
BUFFS & POLISHES												
3M PERFECT-IT III EXTRA CUT COMPOUND 06396	05936	9.18	67.50%	0.50%	32.50%	6.20	3.00	QT	1.25	0.00	0.00	12513092
3M FINESSE-IT II FINISHING MATERIA	5928	8.35	87.50%	0.00%	12.50%	7.30	1.92	QT	0.00	0.00	0.00	1205
3M PERFECT-IT III FINISHING GLAZE	5941	8.10	75.99%	0.00%	24.01%	6.15	1.70	EA	1.00	0.00	0.00	X14094
M02 FINE CUT CLEANER	M-0216	8.76	18.00%	4.50%	82.00%	1.58	1.58	16 OZ	0.00	0.00	0.00	X70051



PERMIT NO: 1190038-001-AC EXPIRES
 PLANT: S07 - WILDWOOD SERVICE CENTER
 4505 Monaco Way
 Wildwood, FL 37485

INDUSTRIAL
 FINISHERS
 MCC
 SKU

MATERIAL	MATERIAL	% VOL	% HAPS	% SOLIDS	ESTIMATED	ACTUAL			INDUSTRIAL			
NAME	ID NUMBER	LBS/GAL	BY WGT.	BY WGT.	BY WGT.	# VOC/GAL	# VOC/GAL	U.O.M.	PURCH	TONS VOC	TONS HAPS	
CLAY MAGIC PROFESSIONAL SIZE BA	CM-2200 KIT	16.69	0.00%	0.00%	100.00%	0.00	0.00	EA	0.00	0.00	0.00	X90335
ONCE N DONE	S-330	8.35	100.00%	0.00%	0.00%	8.35	4.40	32 oz	0.00	0.00	0.00	X90336
M01.MEDIUM CUT CLEANER	M-0116	10.02	7.00%	0.00%	93.00%	0.70	0.70	16 OZ	0.00	0.00	0.00	X70050
MISC.												
LEAK TRACE POWDER 7 OZ NW	20165	5.34	98.90%		1.10%	5.28	5.03	7 OZ	0.00	0.00	0.00	12700117
GOJO ORANGE PUMICE HAND CLEANER		7.51	70.00%	0.00%	30.00%	5.26	1.13	ea	0.00	0.00	0.00	X80003
SEALAND LIQUID HOLDING TANK DEODORIZER		8.38	35.00%	0.00%	65.00%	2.93	2.93	8OZ	0.00	0.00	0.00	12512529
HYDROBREAK CC14	CC14	9.56	100.00%	2.50%	0.00%	9.56	0.24	GAL	0.00	0.00	0.00	X90340
FAB SET NEUTRALIZER	CR12	8.68	100.00%	0.00%	0.00%	8.68	0.00	GAL	0.00	0.00	0.00	X90341
MURIATIC ACID (HYDORCHLORIC ACID SOLUTION)		9.81	100.00%	0.00%	0.00%	9.81	0.00	GAL	0.00	0.00	0.00	X90069
SPOT SHOT CARPET CLEANER	42027	8.35	35.00%	25.00%	65.00%	2.92	2.92	14 OZ	0.00	0.00	0.00	X90544
PROCHEM FOAM SOLVENT CARPET	B103	8.40	100.00%	0.00%	0.00%	8.40	0.00	GAL	0.00	0.00	0.00	X90344
PROCHEM DRY SLURRY S776	S776	8.35	0.00%	0.00%	100.00%	0.00	0.00	GAL	0.00	0.00	0.00	X90345
SCOTT'S LIQUID GOLD WOOD CLEANER & PRESERVATIVE	169199	7.58	100.00%	0.00%	0.00%	7.58	7.58	12 OZ	0.00	0.00	0.00	X90553
BIO-ENZYME DECONTAMINANT	CD21	8.35	100.00%	0.00%	0.00%	8.35	0.63	GAL	0.00	0.00	0.00	X90346
CRC BATTERY TERMINAL PROTECTOR		7.09	61.70%	22.00%	38.30%	4.38	4.38	2oz 12/c	0.00	0.00	0.00	X90343
LUBRICANTS, OILS, ATF, AND GASES												
CITGO TRANSGUARD ATF DEXRON III/MERCON ATF		7.26	100.00%	0.00%	0.00%	7.26	0.00	GAL	0.00	0.00	0.00	12512828
MECHANICS HELPER	1286	8.68	0.00%	0.00%	100.00%	0.00	0.00	ea				X90638
PB PENETRATING CATALYST	PB16	7.52	89.10%	0.00%	30.90%	5.19	5.19	EA	0.00	0.00	0.00	X90342
CRC EXTREME DUTY SILICONE AERC	03030	5.87	97.00%	0.00%	3.00%	5.70	5.30	6oz 12/c	0.00	0.00	0.00	X90326
CRC STA-LUBE WHITE LUBE SL3361	3-36	7.90	50.00%	0.00%	50.00%	3.95	3.95	11 oz	0.00	0.00	0.00	X90325
WHITE LUBE LITHIUM GREASE	21911	5.84	55.00%	35.00%	45.00%	3.21	3.70	12OZ	0.00	0.00	0.00	12512685
SUPER SLIDE DRY LUBE 10.25 OZ NW	50077	5.34	100.00%	0.00%	0.00%	5.34	5.29	10.25 OZ	0.48	0.00	0.00	X14045
ANTIFREEZE 50/50		8.42	100.00%	0.00%	0.00%	8.42	0.00	GAL	0.00	0.00	0.00	
MOTOR OIL 15W40		7.26		0.00%	100.00%	0.00	0.00	DRUMS	0.00	0.00	0.00	
BRAKE FLUID DOT 5				0.00%	100.00%	0.00	0.00	GAL	0.00	0.00	0.00	
CHEVRON TEGRA SYTHETIC GEAR O	75W90	7.26	100.00%	0.00%	0.00%	7.26	0.17	GAL	0.00	0.00	0.00	X80001
WD-40 AEROSOL	WD40	6.81	70.00%	0.00%	30.00%	4.77		11 OZ	0.00	0.00	0.00	12512721
HAZARDOUS WASTE-RECLAMATION	WASTE	7.41	89.20%		10.80%	6.61		DRUMS	0.00	0.00	0.00	
TOTAL USAGE									145.71	0.27	0.11	
GASES (STANDARD AIR DENSITY = 1.229 KG/M³ OR 0.07676 LBS/FT³)												
LBS/FT ³												
PROPANE						0.00	0.00	GAL	128.60			
OXYGEN 337							0.00	CYL	0.00			
FREON SUBSTITUTE	134A						0.00	DLB CY	0.00			
ARGON							0.00	CYL	0.00			
BLUESHIELD GAS MIX #23	#23	0.11	100.00%	0.00%	0.00%	0.11	0.00	CYL				X90639
ACETYLENE						0.00	0.00	CYL	0.00			
WELD WIRE												



PERMIT NO: 1190038-001-AC EXPIRES

PLANT: S07 - WILDWOOD SERVICE CENTER
4505 Monaco Way
Wildwood, FL 37485

INDUSTRIAL
FINISHERS

MCC
SKU

MATERIAL	MATERIAL	% VOL	% HAPS	% SOLIDS	ESTIMATED	ACTUAL			INDUSTRIAL	MCC	
NAME	ID NUMBER	LBS/GAL	BY WGT.	BY WGT.	BY WGT.	# VOC/GAL	# VOC/GAL	U.O.M.	PURCH	TONS VOC	TONS HAPS
									Jul-03	Jul-03	Jul-03
									23.39	0.03	0.01
ADHESIVES:											
811 CLEAR ADHESION PROMOTER	811	7.04	96.00%		4.00%	6.76	6.70	GAL	0.00	0.00	0.00
FLAMMABLE WHISPER SPRAY 514R	514R	6.90	0.00%	0.00%	100.00%	0.00	2.14	GAL	0.00	0.00	0.00
3M AUTOMIX PANEL BONDING ADHESIVE	8115	10.02	0.00%	0.00%	100.00%	0.00	0.00	200 ML	0.00	0.00	0.00
BENDERS 630 LD CONTACT CEMENT	630	6.68	88.00%	50.00%	12.00%	5.88	2.60	ea	0.00	0.00	0.00
UVR ELASTISEAL, SPRING WHITE	7549	10.02	30.60%	19.00%	69.40%	3.07	3.07	FV	0.00	0.00	0.00
EPDM ROOFING MEMBRANE ADHESIVE	905 BA	8.64	50.00%	0.00%	50.00%	4.32	0.19	FV	0.00	0.00	0.00
BORING SMITH BSI WEB 76 ADHESIVE	bsiweb76	5.84	82.30%	35.00%	17.70%	4.81	3.77	ea	0.00	0.00	0.00
GH14 GOLDEN HARVEST CLEAR WALL	GH-14	8.76	66.00%	0.00%	34.00%	5.78	0.42	ea	0.00	0.00	0.00
PRO-BOND (TITE-R-BOND)	AP.32	7.43	98.50%	2.50%	1.50%	7.32	7.32	32 OZ	6.00	0.02	0.00
BOSTIC 1100 FAST SET POLYURETHANE	1100FS	9.98	9.80%	9.80%	90.20%	0.98	2.08	10.3 OZ	9.66	0.01	0.00
BOSTIC 1100 FAST SET POLYURETHANE	1100FS	9.98	9.80%	9.80%	90.20%	0.98	2.08	10.3 OZ	0.00	0.00	0.00
ISR70-08KC WINDSHIELD ADHESIVE	ISR70-08KC	11.35	0.00%	0.00%	100.00%	0.00	0.00	10.3 OZ	0.97	0.00	0.00
LOCTITE PRISM 401 SURF-INSENSITIVE	401	8.76	68.00%	0.00%	32.00%	5.96	5.96	EA	0.00	0.00	0.00
ABS CEMENT	88-7783	7.18	73.00%		27.00%	5.24		QTS	0.00	0.00	0.00
STAPUT IV M AEROSOL ADHESIVE	97321	7.96	81.7%	0.00%	18.3%	6.51	5.29	16 OZ	0.00	0.00	0.00
STAPUT II AEROSOL ADHESIVE 15OZ	SP2ACC	5.93	79.9%	7.50%	20.07%	4.74	4.77	15 OZ	0.00	0.00	0.00
dap wildwood original contact cement		7.43	70.0%	70.00%	30.00%	5.20	5.20	ea	0.00	0.00	0.00
CHEM-WELD EP 10 OZ DC	10615	13.86	0.00%	0.00%	100.00%	0.00	0.00	10 OZ	0.00	0.00	0.00
CHEM-WELD EP 1.7 OZ	10641	13.86	0.00	0.00	100.00%	0.00	0.00	1.7 OZ	0.00	0.00	0.00
CLEAR BOND ADH. (10561)	10561	9.64	0.00%	0.00%	100.00%	0.00	0.00	7 OZ	0.00	0.00	0.00
KER 130 GRANI/RAPID WHITE FAST SET	KER130	24.71	0.00%	0.00%	100.00%	0.00	0.00	50 LBS	0.00	0.00	0.00
KER 116 ULTRAFLEX II WHITE ONE-STEP	KER116	14.77	0.00%	0.00%	100.00%	0.00	0.00	TO 50 L	6.77	0.00	0.00
UNIFLEX 816 ELASTOMERIC DRY SET MORTAR AND ANTI FR	12512364/916	10.40	0.00%	0.00%	100.00%	0.00	0.00	4 GAL PAIL	0.00	0.00	0.00
SC-0273 SOLVENT BASED ADHESIVE	38-8725	7.67	40.00%	40.00%	60.00%	3.07	3.07	1 GAL	0.00	0.00	0.00
BOSTIK SUPERTAK HP ADHESIVE	150724	5.76	73.80%	27.50%	26.20%	4.25	4.25	17 OZ	0.00	0.00	0.00
CAULKS & SEALANTS:									80.56	0.05	0.05
SIKAFLEX 221	221	9.93	6.00%	8.00%	94.00%	0.60	0.89	20 oz	45.00	0.02	0.02
PLASTISEAM SEAM SEALER	F-715	7.57	88.00%	52.20%	12.00%	6.66	6.65	ea	2.00	0.01	0.00
Dap KWIK SEAL TUB & TILE CAULK	88-8960 38-867	12.94	2.00%	0.00%	98.00%	0.26	0.15	ea	0.00	0.00	0.00
STONE MASON CONCRETE CRACK FILLER	M1E 3X6	8.35	2.10%	1.00%	97.90%	0.18	0.18	QT	5.00	0.00	0.00
SELF-LEVELING SEALANT 502 LS	502 LS	10.68	22.70%	8.90%	77.30%	2.43	2.42	11 OZ	0.00	0.00	0.00
BATTERY SEALER HD 12.25 OZ NW	60478	6.26	75.00%	35.00%	25.00%	4.70	4.67	12.25 OZ	0.00	0.00	0.00
3M ALL AROUND AUTOBODY SEALANT	8500	12.52	30.00%	0.00%	70.00%	3.76	0.17	GAL 24/	0.00	0.00	0.00
3M FAST N FIRM SEAM SEALER	8505	12.69	17.00%	9.50%	83.00%	2.16	2.63	GAL 12/	0.00	0.00	0.00
HIGH PERFORMANC COLORMETRIC SILICONE SEALANT WHITE	88-4312	8.66	5.00%	0.00%	95.00%	0.43	0.52	10.6 OZ	0.00	0.00	0.00
HIGH PERFORMANC COLORMETRIC SILICONE SEALANT CLEAR	88-4322	8.64	5.00%	0.00%	95.00%	0.43	0.52	10.6 OZ	0.00	0.00	0.00
MS-101 SEALANT COLORMETRIC WHITE	88-4371	8.35	55.00%		45.00%	4.59		10.6 OZ	0.00	0.00	0.00
ACRYLIC SEAM SEALER	SM5504	8.26	42.00%	39.50%	58.00%	3.47	3.50	PT	15.00	0.03	0.02
DAP DOW CORNING 100% SILICONE SEALANT	38-8557	8.51	0.00%	0.00%	100.00%	0.00	0.00	10.1 OZ	2.84	0.00	0.00
DAP DOW CORNING 100% SILICONE SEALANT CLEAR	38-8678	8.51	0.00%	0.00%	100.00%	0.00	0.00	10.1 OZ	1.89	0.00	0.00
DOW CORNING 733 GLASS & METAL SEALANT	733	8.68	3.20%	0.00%	96.80%	0.28	0.28	10.2 OZ	3.83	0.00	0.00
DOW CORNING 795 SILICONE SEALANT WHITE	795 WHITE	12.69	1.80%	0.00%	98.20%	0.23	0.23	0.67 OZ	0.00	0.00	0.00
DOW CORNING 790 BUILDING SEALANT	790	12.20	0.00%	0.00%	100.00%	0.00	0.00	305 ML	0.00	0.00	0.00
3M Perfect It Foam Polishing Glaze	05955	10.68	50.00%	0.00%	50.00%	3.20	2.69	GAL	0.00	0.00	0.00
COMPOSITES/PUTTYS/FILLERS											
POLYESTER GLAZING PUTTY	400	15.00	25.00%	22.50%	75.00%	3.75	0.11	20 OZ	0.00	0.00	0.00
cream hardener	27012						0.00	4 OZ TE	0.00	0.00	0.00
RAGE GOLD BODY FILLER	106	9.30	17.50%	17.50%	82.50%	1.63	0.23	GAL	5.00	0.00	0.00
DURAGLAS 24030 BODY FILLER	24030	13.02	17.50%	17.50%	82.50%	2.28	0.02	GAL	0.00	0.00	0.00
FAMWOOD PUTTY		14.36	0.04%	0.00%	99.96%	0.01	0.06	3.68 OZ	0.00	0.00	0.00
FEATHER RITE TACK FREE BODY FILLER	21330	9.60	17.50%	17.50%	82.50%	1.68	0.01	GAL	0.00	0.00	0.00
FOAMS											
FROTH-PAK 180 A COMPONENT	FROTH PAK 180	10.85	0.00%	0.00%	100.00%	0.00	0.00	36 lb/pkg	0.00	0.00	0.00
FROTH-PAK 180 B COMPONENT	FROTH PAK 180	10.02	0.00%		100.00%	0.00	0.00	36 lb/pkg	0.00	0.00	0.00
PUR-BLACK AEROSOL FOAM		8.85	4.00%	0.00%	96.00%	0.35	0.35	32 OZ	0.00	0.00	0.00
TITECO 776 POLYFOAM - BLACK (31 6TIT776)		10.02	0.00%	0.00%	100.00%	0.00	0.00	31 OZ	0.00	0.00	0.00
GREATSTUFF FOAM								ea	0.00	0.00	0.00
DARTEX LATEX FOAM SEALANT	38-8538	8.43	15.00%	3.00%	85.00%	1.26	1.26	12 OZ	0.00	0.00	0.00
URE-FOAM SEAMSEAL 1.7 OZ (PART 1)	06872	9.01	0.00%	0.00%	100.00%	0.00	0.00	1.7 OZ	0.00	0.00	0.00
									200.35	0.53	
PAINTS:											
HARD HAT SEMI-GLOSS BLACK AERO	2177	9.18	90.00%	45.00%	10.00%	8.26	8.26	12 oz	0.00	0.00	0.00
Undercoat Rubberized	21913	5.84	65.0%	36.0%	35.0%	3.80	4.50	12OZ	0.00	0.00	0.00
222S MID-COAT ADHESION PROMOTE	222S	7.08	94.22%	54.10%	5.78%	6.67	5.40	GAL	0.00	0.00	0.00
HI-HEAT ALUMINUM ENAMEL SPRAY	24710	8.35	80.00%	32.50%	20.00%	6.68	4.40	12 OZ	0.00	0.00	0.00
3812S DUPONT ENAMEL REDUCER F	3812S	6.24	100.00%	20.40%	0.00%	6.24	5.60	GAL	0.00	0.00	0.00
KRYLON INT/EXT SPRAY PAINT GLOS	38-1607	8.35	85.00%	21.68%	15.00%	7.09	7.09	12 OZ	0.00	0.00	0.00
KRYLON INT/EXT SPRAY PAINT FLAT	38-1610	8.35	85.00%	21.68%	15.00%	7.09	7.09	12 OZ	0.19	0.00	0.00
VOOM GOLD ULTIMATE FINISH	38-8483	8.35	60.00%	0.00%	40.00%	5.01	0.00	22 OZ	0.00	0.00	0.00
LACQUER THINNER 4-PLT	4-XLT	6.84	100.00%	41.84%	0.00%	6.84	6.67	GAL	0.00	0.00	0.00
RUBBER GUARD COATING 17.75 ZON	50088	6.18	75.00%	27.50%	25.00%	4.63	4.63	17.75 OZ	0.00	0.00	0.00
SELF ETCHING PRIMER 15.5 OZ NW	60285	6.59	60.00%	17.00%	40.00%	3.96	2.47	15.5 oz	0.00	0.00	0.00
822 ADHESION PROMOTER	822	7.09	96.00%	35.00%	4.00%	6.81	6.80	ea	0.00	0.00	0.00



PERMIT NO: 1190038-001-AC EXPIRES

PLANT: S07 - WILDWOOD SERVICE CENTER
4505 Monaco Way
Wildwood, FL 37485

INDUSTRIAL
FINISHERS

MCC
SKU

MATERIAL	MATERIAL	% VOL	% HAPS	% SOLIDS	ESTIMATED	ACTUAL			INDUSTRIAL	MCC		
NAME	ID NUMBER	LBS/GAL	BY WGT.	BY WGT.	BY WGT.	# VOC/GAL	# VOC/GAL	U.O.M.	PURCH	Jul-03	Jul-03	Jul-03
									TONS VOC	TONS HAPS		
8400 MAC'S NAPA RUBBERIZED UNDE	8400	8.18	77.50%	3.00%	22.50%	6.34	3.90	ea	0.00	0.00	0.00	01686
865 1K PLASTIC PRIMER	865	7.31	95.00%	95.00%	5.00%	6.94	7.00	GAL	2.00	0.01	0.01	X90461
BCH2 BASECOAT HARDENER (QT)	BCH2	7.96	72.00%	17.00%	28.00%	5.73	5.69	QT	2.25	0.01	0.00	12512007
DIAMONT BC BASES & COLORS (INCL	DAB	8.50	69.50%	37.20%	30.50%	5.91	5.65	GAL	59.00	0.17	0.09	12512016
DC5100 CTR CLEAR	DC5100	7.77	60.00%	9.00%	40.00%	4.66	3.60	GAL	29.00	0.05	0.01	X90071
DC5300 CTR BAKING CLEAR	DC5300	8.32	43.00%	2.00%	57.00%	3.58	3.60	GAL	7.00	0.01	0.00	12513757
DC76NR TURBO CLEAR	DC76NR	7.57	65.0%	17.5%	35.0%	4.92	4.40	GAL	1.00	0.00	0.00	12512558
DC92 HIGH SOLIDS CLEAR	DC92	8.00	52.00%	5.00%	48.00%	4.16	3.60	GAL	0.00	0.00	0.00	12512263
DH14 FAST HARDENER	DH14	8.45	45.0%	5.00%	55.0%	3.80	3.80	QT	4.75	0.01	0.00	X90070
DH16 NORMAL HARDENER	DH16	8.50	45.0%	8.0%	55.0%	3.83	3.80	ea	5.25	0.01	0.00	X90137
DH18 SLOW HARDENER	DH18	8.51	45.00%	12.00%	55.0%	3.83	3.80	ea	0.25	0.00	0.00	X90642
DH 42 RAPID HS HARDENER	DH42	8.81	28.00%	16.00%	72.00%	2.47	2.50	QT	3.00	0.00	0.00	12512559
DH46 LOW VOC DIAMOND HARDI	DH46	8.54	29.0%	1.0%	71.0%	2.48	2.50	GAL	5.00	0.01	0.00	12512252
DP20 DIAMOND PRIMER	DP20	13.0	29.0%	14.0%	71.0%	3.77	3.80	GAL	3.00	0.01	0.00	12512031
DP21 2K COLOR-IT PRIMER	DP21	13.39	29.0%	7.0%	71.0%	3.88	3.90	GAL	1.00	0.00	0.00	12512030
DS30 CLEAR 2K SEALER	DS30	10.16	39.0%	13.0%	61.0%	3.96	4.00	EA	2.00	0.00	0.00	12512036
HS SOLO - HR5 JET 5	HR 5	7.09	99.50%	20.50%	0.50%	7.05	7.05	PT	0.00	0.00	0.00	12512051
JET 95 ACCELERATOR	JET95	8.13	98.00%	0.00%	2.00%	7.97	8.00	QT	0.75	0.00	0.00	12512009
LC4100 HIGH SOLIDS CLEARCOAT	LC4100	8.17	57.00%	29.00%	43.00%	4.66	4.70	GAL	9.00	0.02	0.01	X90123
LH130 ONE STEPALKYD HARDENER	LH130	7.90	74.00%	28.00%	26.00%	5.85	5.90	EA	0.00	0.00	0.00	X90521
LH20 FAST ACRYLIC HARDENER	LH20	8.92	28.00%	14.00%	72.00%	2.50	2.50	QT	0.00	0.00	0.00	X05339
LH420 OVERALL CLEAR HARDENER	LH420	8.88	28.00%	3.50%	72.00%	2.49	2.50	ea	3.00	0.00	0.00	X90640
LR12 LIMCO MEDIUM REDUCER	LR12	7.32	100.00%	89.00%	0.00%	7.32	7.30	GAL	0.00	0.00	0.00	X90124
PH60 DIAMOND HS HARDENER (FAST	PH 60	8.19	61.00%	34.00%	39.00%	5.00	5.00	QT	0.00	0.00	0.00	12512038
PH12 PRIMER SEALER HARDENER	PH12	8.02	66.00%	17.00%	34.00%	5.29	5.30	QT	2.00	0.01	0.00	5277
PNT 90 LACQUER THINNER - SLOW	PNT 90	7.02	100.00%	34.00%	0.00%	7.02	7.00	GAL	0.00	0.00	0.00	X14119
PNT88 MEDIUM LACQUER THINNER	PNT88	6.93	100.00%	18.00%	0.00%	6.93	6.90	FV	0.00	0.00	0.00	12513359
BULLDOG BOND FLEX TIE COAT	TP00123	7.54	82.76%	61.00%	17.24%	6.24	6.24	12 OZ	0.00	0.00	0.00	12513402
UA97 POLYUROXY ACTIVATOR	UA97	6.99	87.00%	88.00%	13.00%	6.08	6.00	QT	0.00	0.00	0.00	X14104
UBR200 SPOT BLENDER	UBR200	7.59	99.00%	20.00%	1.00%	7.51	7.50	gal	12.00	0.05	0.01	X90555
REDUCER UNIVERSAL LOW TEMP	UR40	7.40	100.00%	15.00%	0.00%	7.40	7.40	GAL	9.00	0.03	0.00	12511989
UR50 UNIVERSAL MID TEMP REDUCE	UR50	7.28	100.00%	3.00%	0.00%	7.28	7.30	GAL	22.00	0.08	0.00	12511992
UR60 UNIVERSAL HIGH TEMP REDUC	UR60	7.54	100.00%	4.00%	0.00%	7.54	7.50	GAL	4.00	0.02	0.00	12511995
UR70 VERY SLOW REDUCER	UR70	7.37	100.00%	9.00%	0.00%	7.37	7.40	GAL	0.00	0.00	0.00	18568
STAINS AND WOODWORKING MATERIALS												
LACQUER CLEAR FLAT	102-0428	6.60	87.00%		13.00%	5.74		13 OZ	0.10	0.00	0.00	X01721
TONE FINISH STAIN (ALL COLORS)	M101-XXXX	6.43	91.00%	5.00%	9.00%	5.85	4.48	13 OZ	0.41	0.00	0.00	X05382
LACQUER SANDING SEALER	102-0423	6.60	95.00%		5.00%	6.27	5.80	13 OZ	0.00	0.00	0.00	
TONE FINISH CLEAR LACQUER (ALL 902-0420 TO 04		6.59	9.33%	7.00%	3.18%	0.62	5.68	13 OZ	13.41	0.04	0.00	12029998
STAIN AUTUMN HAZE	ST-1005	6.52	97.4%		2.57%	6.35	5.80	gal	0.00	0.00	0.00	12030000
CLEANERS/SOLVENTS AND REST BELOW THIS POINT:												
ACETONE/HI MOISTURE	UN1090	6.60	100.00%	0.00%	0.00%	6.60	0.00	DR/GAL	0.00	0.00	0.00	12512003
STAPUT ADHESIVE REMOVER AEROSOL		5.95	100.00%	0.00%	0.00%	5.95	5.91	15 OZ	0.00	0.00	0.00	X05381
ST6 LACQUER THINNER	st6-5	7.04	100.00%	63.00%	0.00%	7.04	5.64	fv	30.00	0.08	0.07	X90643
900 PRE-KLEANO	900	6.29	100.00%	0.00%	0.00%	6.29	6.30	GAL	5.00	0.02	0.00	12511998
901 PRE-PAINT CLEANER	901	5.95	100.00%	8.00%	0.00%	5.95	6.00	gal	3.00	0.01	0.00	12512245
ASSAULT DEGREASER	2620	8.93	100.00%	10.00%	0.00%	8.93	0.89	GAL	4.00	0.00	0.00	P.O. 3243183
ORANGE BLAST DEGREASER	143137	8.35	100.00%	5.00%	0.00%	8.35	0.42	ea	0.00	0.00	0.00	X90556
SIMPLE GREEN CLEANER & DEGREAS	44412	8.50	100.00%	0.00%	0.00%	8.50	0.07	67 OZ	0.00	0.00	0.00	01375
203 LIMCO PREPAINT CLEANER	203	6.29	100.00%	0.00%	0.00%	6.29	6.30	GAL	0.00	0.00	0.00	12512000
POLYCRACKER (COAT REMOVER)		8.59	100.00%	0.00%	0.00%	8.59	0.00	GAL	0.00	0.00	0.00	X05351
PURPLE POWER CLEANER	4320p	8.68	100.00%	0.00%	0.00%	8.68	0.00	GAL	0.00	0.00	0.00	X90390
RUST MORT	69504	9.93	14.55%		85.45%	1.45	1.45	QT	1.00	0.00	0.00	X90347
139 LIMCO FINAL WASH	139	6.00	100.00%	8.00%	0.00%	6.00	5.83	GAL	0.00	0.00	0.00	12512986
GOOF OFF SPRAY PUMP	GO 3063	8.30	100.00%	0.00%	0.00%	8.30	0.25	12 OZ	0.28	0.00	0.00	04004231
SUPER GLUE REMOVER	21992	8.85	100.00%	0.00%	0.00%	8.85	8.76	1 OZ	0.00	0.00	0.00	04004524
FORMULA 409 CLEANSER	409	8.43	100.00%	2.75%	0.00%	8.43	0.23	32 OZ	0.00	0.00	0.00	X90339
BUG OFF CLEANING COMPOUND	38-8488	8.35	95.00%	0.00%	5.00%	7.93	0.83	32 oz	0.00	0.00	0.00	X70059
3M HIGH POWER BRAKE CLEANER	08880	5.83	100.00%	35.30%	0.00%	5.83	5.83	20oz	0.00	0.00	0.00	04006632
3M BRAKE CLEANER/21 PN08180	08180	7.35	100.00%	0.20%	0.00%	7.35	3.23	OZ 12/0	0.00	0.00	0.00	X90323
CRC NON-CHLORINATED BRAKE PAR	63338	6.80	100.00%	47.00%	0.00%	6.80	3.36	OZ 12/0	0.00	0.00	0.00	X90334
VINYL & PLASTIC CLEANER QT	80270	8.51	100.00%	0.00%	0.00%	8.51	0.40	QT	1.00	0.00	0.00	S12511923
ISOPROPYL ALC		8.10	100.00%		0.00%	8.10	8.10	FV	4.00	0.02	0.00	04006570
PANEL MAGIC AEROSOL 13 OZ PM10	38-8565	7.76	100.00%	0.00%	0.00%	7.76	1.86	13 OZ	0.00	0.00	0.00	X90100
GOO GONE ALL PURPOSE CLEANER	38-8559	8.37	100.00%	0.00%	0.00%	8.37	0.16	24 OZ	0.00	0.00	0.00	X90099
WINDEX-BLUE (REFILL) 10672 UPC 1919800-08522		8.31	100.00%	1.55%	0.00%	8.31	0.37	160 OZ	0.00	0.00	0.00	X70073
GLASS KLEEN 23OZ NW	60120	7.85	100.00%	0.00%	0.00%	7.85	0.95	23 OZ	0.00	0.00	0.00	X90095
ACRY SOL BODY SOLVENT 16OZ NW	60170	5.76	100.00%	20.50%	0.00%	5.76	5.76	16 OZ	9.00	0.03	0.01	S12511894
CRC BATTERY CLEANER		8.68	80.00%	10.00%	20.00%	6.94	0.25	2oz 12/0	0.00	0.00	0.00	X90332
BUFFS & POLISHES												
3M PERFECT-IT III EXTRA CUT COMPOUND 05936	05936	9.18	67.50%	0.50%	32.50%	6.20	3.00	QT	1.00	0.00	0.00	12513092
3M FINESSE-IT II FINISHING MATERIA	5928	8.35	87.50%	0.00%	12.50%	7.30	1.92	QT	0.00	0.00	0.00	1205
3M PERFECT-IT III FINISHING GLAZE	5941	8.10	75.99%	0.00%	24.01%	6.15	1.70	EA	2.00	0.00	0.00	X14094
M02 FINE CUT CLEANER	M-0216	8.76	18.00%	4.50%	82.00%	1.58	1.58	16 OZ	0.00	0.00	0.00	X70051



PERMIT NO: 1190038-001-AC EXPIRES

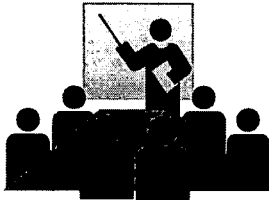
PLANT: S07 - WILDWOOD SERVICE CENTER
4505 Monaco Way
Wildwood, FL 37485

INDUSTRIAL
FINISHERS

MCC
SKU

MATERIAL	MATERIAL	% VOL	% HAPS	% SOLIDS	ESTIMATED	ACTUAL			INDUSTRIAL			
NAME	ID NUMBER	LBS/GAL	BY WGT.	BY WGT.	BY WGT.	# VOC/GAL	# VOC/GAL	U.O.M.	PURCH	Jul-03	Jul-03	Jul-03
										TONS VOC	TONS HAPS	
CLAY MAGIC PROFESSIONAL SIZE BA	CM-2200 KIT	16.69	0.00%	0.00%	100.00%	0.00	0.00	EA	0.00	0.00	0.00	X90336
ONCE N DONE	S-330	8.35	100.00%	0.00%	0.00%	8.35	4.40	32 oz	0.00	0.00	0.00	X90336
M01 MEDIUM CUT CLEANER	M-0116	10.02	7.00%	0.00%	93.00%	0.70	0.70	16 OZ	0.00	0.00	0.00	X70666
MISC.												
LEAK TRACE POWDER 7 OZ NW	20165	5.34	98.90%		1.10%	5.28	5.03	7 OZ	0.00	0.00	0.00	12700117
GOJO ORANGE PUMICE HAND CLEANER		7.51	70.00%	0.00%	30.00%	5.26	1.13	ea	0.00	0.00	0.00	X80003
SEAL AND LIQUID HOLDING TANK DEODORIZER		8.38	35.00%	0.00%	65.00%	2.93	2.93	8OZ	0.00	0.00	0.00	12512529
HYDROBREAK CC14	CC14	9.56	100.00%	2.50%	0.00%	9.56	0.24	GAL	0.00	0.00	0.00	X90340
FAB SET NEUTRALIZER	CR12	8.68	100.00%	0.00%	0.00%	8.68	0.00	GAL	0.00	0.00	0.00	X90341
MURIATIC ACID (HYDROCHLORIC ACID SOLUTION)		9.81	100.00%	0.00%	0.00%	9.81	0.00	GAL	0.00	0.00	0.00	X90069
SPOT SHOT CARPET CLEANER	42027	8.35	35.00%	25.00%	65.00%	2.92	2.92	14 OZ	0.00	0.00	0.00	X90544
PROCHEM FOAM SOLVENT CARPET	B103	8.40	100.00%	0.00%	0.00%	8.40	0.00	GAL	0.00	0.00	0.00	X90344
PROCHEM DRY SLURRY S776	S776	8.35	0.00%	0.00%	100.00%	0.00	0.00	GAL	0.00	0.00	0.00	X90345
SCOTT'S LIQUID GOLD WOOD CLEANER & PRESERVATIVE	169199	7.58	100.00%	0.00%	0.00%	7.58	7.58	12 OZ	0.00	0.00	0.00	X90553
BIO-ENZYME DECONTAMINANT	GD21	8.35	100.00%	0.00%	0.00%	8.35	0.63	GAL	0.00	0.00	0.00	X90346
CRC BATTERY TERMINAL PROTECTOR		7.09	61.70%	22.00%	38.30%	4.38	4.38	2oz 12/d	0.00	0.00	0.00	X90343
LUBRICANTS, OILS, ATF, AND GASES												
CITGO TRANSGUARD ATF DEXRON III/MERCON ATF		7.26	100.00%	0.00%	0.00%	7.26	0.00	GAL	0.00	0.00	0.00	12512828
MECHANICS HELPER	1286	8.68	0.00%	0.00%	100.00%	0.00	0.00	ea	1.00	0.00	0.00	X90638
PB PENETRATING CATALYST	PB16	7.52	69.10%	0.00%	30.90%	5.19	5.19	EA	0.00	0.00	0.00	X90342
CRC EXTREME DUTY SILICONE AERC	03030	5.87	97.00%	0.00%	3.00%	5.70	5.30	6oz 12/d	0.00	0.00	0.00	X90326
CRC STA-LUBE WHITE LUBE SL3361	3-36	7.90	50.00%	0.00%	50.00%	3.95	3.95	11 oz	0.00	0.00	0.00	X90325
WHITE LUBE LITHIUM GREASE	21911	5.84	55.00%	35.00%	45.00%	3.21	3.70	12OZ	0.00	0.00	0.00	12512685
SUPER SLIDE DRY LUBE 10.25 OZ NW	50077	5.34	100.00%	0.00%	0.00%	5.34	5.29	10.25 OZ	0.00	0.00	0.00	X14045
ANTIFREEZE 50/50		8.42	100.00%	0.00%	0.00%	8.42	0.00	GAL	0.00	0.00	0.00	
MOTOR OIL 15W40		7.26			100.00%	0.00	0.00	DRUMS	11.00	0.00	0.00	
BRAKE FLUID DOT 5					100.00%	0.00	0.00	GAL	0.00	0.00	0.00	
CHEVRON TEGRA SYTHETIC GEAR O	75W90	7.26	100.00%	0.00%	0.00%	7.26	0.17	GAL	0.00	0.00	0.00	X80001
WD-40 AEROSOL	WD40	6.81	70.00%	0.00%	30.00%	4.77		11 OZ	0.00	0.00	0.00	12512721
HAZARDOUS WASTE-RECLAMATION	WASTE	7.41	89.20%		10.80%	6.61		DRUMS	0.00	0.00	0.00	
TOTAL USAGE									376.58	0.78	0.13	
GASES (STANDARD AIR DENSITY = 1.229 KG/M ³ OR 0.07676 LBS/FT ³)												
LBS/FT ³												
PROPANE						0.00	0.00	GAL	81.80			
OXYGEN 337							0.00	CYL	0.00			
FREON SUBSTITUTE	134A						0.00	DLB CYL	0.00			
ARGON							0.00	CYL	0.00			
BLUESHIELD GAS MIX #23	#23	0.11	100.00%	0.00%	0.00%	0.11	0.00	CYL	2.00			X90639
ACETYLENE						0.00	0.00	CYL	0.00			
WELD WIRE												

RECEIVED
OCT 02 2003
Department of Environmental Protection
SOUTH WEST DISTRICT



PARTICULATE CONTROL INSTRUCTORS GUIDE

GOAL: The goal of this session should teach employees to:

- Understand the proper operation and maintenance of particulate control devices to reduce maintenance cost, control particulate emissions, & comply with environmental permits

APPLICABLE REGULATION: Title V permits with dry filtered exhaust

- **Components of a Particulate Control System Include:**

- Exhaust Fans
- Exhaust Plenums
- Air Make Up Units
- Filter Media
- Fabric or Cartridge

- **Key Terms**

- Negative Pressure – When a building or booth has too much air going out. (ie –filters are clogged, an exhaust fan is operating properly, or too much makeup air.
- Positive Pressure – When air is blowing out of doorways etc. and not enough is leaving.

- **Particulate Control System Operations**

- Ventilation systems are used to capture and exhaust pollutants to provide a safer and cleaner work environment.
- To protect the environment, the exhaust is commonly directed to or incorporated with a piece of pollution control equipment.
- Fabric filters installed over the exhaust control particulate emissions
- Ventilation systems are designed to maintain a proper balance of intake and exhaust with the filters in place and properly maintained.
 - Operating without a filter is a violation of our operating permit
 - Operating without a filter or an improperly aligned filter can cause overspray to be exhausted. (ie. – Your car could get sprayed on)
 - Operating without a filter damages the exhaust equipment
 - Operating without a filter will result in negative building pressures which can cause:
 - Burner failures
 - Building damage
 - Operating with a plugged filter can:
 - Reduce exhaust volumes which results in ineffective contaminant removal
 - Lead to potential building damage

- **Filter Selection:**

- Filters are selected for 95% collection efficiency
- Filters are selected to control 2.5 micron or larger particles
- Collection systems are designed for a specific filter type

- **Filter Alignment and securing the Filter:**

Securing a filter and filter alignment are key to controlling particulate emissions. A few tips to proper installation include:

- Filters should overlap at all edges
- No open spaces should exist
- Install filters with the open weave toward the inside of the booth (away from the fan)
- Filters with the tight weave toward the inside of the booth will “Face Load” the filter and decrease its useful life.

- **Filter Maintenance:**

Maintenance of filters means they are changed on a regular basis.

- As a filter becomes plugged its efficiency decreases
- If there is lingering spray or particulates you may want to change filters
- If there is excessive positive pressure (air blowing out of the booth vs. toward the exhaust) you may want to change filters.
- A good comparison might be to compare a booth with a new filter versus the current status of a booth.

- **Fan Operation**

A particulate control ventilation system consists of two fans. A supply (air make-up) and an exhaust fan. Proper maintenance provides for many years of service. Maintenance may include:

- Belt replacement
- Lubrication
- Fan blade inspections
- Cleaning & Motor Service
- Proper filter maintenance

- **Particulate Control Don'ts**

- Don't blow filters out with compressed air
 - It Doesn't increase the filters useful life
 - Blowing a filter out is a permit violation
- Don't spray material directly into a filter
- Don't Operate a booth without a filter
- Don't Leave gaps in a filter bank

- **Troubleshooting**

A number of observations could signal that there are problems with a ventilation system. The following observations and corresponding possible causes are listed to help the operator identify system problems and possible solutions.

<u>Observation</u>	<u>Possible Cause</u>
1. Particulates observed in exhaust	1. Exhaust filters out of align or overloaded
2. Positive pressure in booths	2. Exhaust filters loaded or fan not operating properly
3. Negative pressure in booths	3. Filters not aligned or supply fan not operating properly
4. Fan noise	4. Belts slipping, fan unbalanced or bearings going bad
5. Lingering spray or haze	5. Exhaust filters loaded or fan not operating properly
6. Airflow is not uniform	6. Supply air not properly distributed or blockage in exhaust filters diverting air flow
7. Filters loading to quickly	7. Filters installed backwards or poor selection for application

DISCUSSION POINTS:

Ask participants to describe what they notice as a filter becomes plugged and what the purpose is for the various components of the filter system. How does one keep the filters properly in place? What are the advantages to properly maintaining filters?

CONCLUSION:

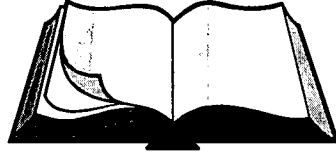
Filters control particulate emissions. Proper maintenance of exhaust systems including the filters provides for a cleaner work area, reduced emissions to the environment, and compliance to air permits

Test your Knowledge

Have your employees take the particulate control systems quiz. By testing their knowledge, you can judge their ability to understand particulate control systems and whether they need to review this important topic again soon.

Answers to quiz.

1. A - True
2. D - Replace the filter with a new one and install it without any gaps
3. A - True
4. C - The filter is installed with the open weave facing toward the exhaust fan
5. C - Inform your supervisor so he/she can investigate and contact maintenance
6. D - All of the above
7. A - True
8. A - True



PARTICULATE CONTROL SYSTEMS

A PARTICULATE CONTROL SYSTEM CONSISTS OF:

- Exhaust Fans
- Exhaust Plenums
- Air Make Up Units
- Filter Media

Particulate Control Systems Operations:

- Ventilation systems capture and exhaust pollutants to provide a safer workplace
- Filters control particulate emissions
- Filters are part an exhaust systems design and are needed to maintain proper balance between intake and exhaust air

Filter Selection:

- Filters are designed for 95 % collection efficiency
- Collection systems are designed for specific filter types
- Filters are designed to collect 2.5 micron or larger particles
- Proper installation of filters is key to system performance

Filter Alignment and Securing Filters:

- Filters should overlap at all edges
- No open spaces should exist around filters
- Install filters with the open weave toward the inside of the booth (away from the fan)
- Filters with the tight weave toward the inside of the booth will have a shorter life

Filter Replacement:

- A plugged filter is less efficient than an unplugged filter
- If there is excessive positive pressure (air blowing out of the booth vs. toward the exhaust) you may want to change filters.
- If there is lingering spray or particulates you may want to change filters
- A good comparison might be to compare a booth with a new filter versus the current status of a booth.
- Filters should be replaced on a regular schedule .

Particulate Control Don'ts

- Don't blow filters out with compressed air
 - It Doesn't increase the filters useful life
 - Blowing a filter out is a permit violation
- Don't spray material directly into a filter
- Don't Operate a booth without a filter
- Don't Leave gaps in a filter bank

Troubleshooting

A number of observations could signal that there are problems with a ventilation system. The following observations and corresponding possible causes are listed to help the operator identify system problems and possible solutions.

<u>Observation</u>	<u>Possible Cause</u>
1. Particulates observed in exhaust	1. Exhaust filters out of alignment or overloaded
2. Positive pressure in booths (Air blowing out of doorways)	2. Exhaust filters loaded or fan not operating properly
3. Negative pressure in booths (Too much air leaving booth)	3. Filters not aligned or supply fan not operating properly
4. Fan noise	4. Belts slipping, fan unbalanced or bearings going bad
5. Lingering spray or haze	5. Exhaust filters loaded or fan not operating properly
6. Airflow is not uniform	6. Supply air not properly distributed or blockage in exhaust filters diverting air flow
7. Filters loading to quickly	7. Filters installed backwards or poor selection for application



PARTICULATE CONTROL SYSTEMS QUIZ

1. **Dirty filters reduce a ventilation systems effectiveness:**
 - A. True
 - B. False

2. **A haze is observed in a booth and it is not clearing up as quickly as usual you should:**
 - A. Blow the filter out with compressed air
 - B. Remove the material clogging the filter with a vacuum
 - C. Operate the booth without a filter
 - D. Replace the filter with a new one and install without any gaps

3. **Visual particulate emissions observed coming out from a stack should first be investigated by inspecting the filters.**
 - A. True
 - B. False

4. **What is a possible cause for a filter loading quicker then normal?**
 - A. The filter is installed with the filter bank with gaps
 - B. The filter is installed with the open weave facing away from the exhaust fan
 - C. The filter is installed with the open weave facing toward the exhaust fan

5. **Unusual fan noises may indicate fan problems. What should be done?**
 - A. Keep operating as usual without informing a supervisor
 - B. Climb into the exhaust system and blow off the fan with compressed air
 - C. Inform your supervisor so he/she can investigate and contact maintenance

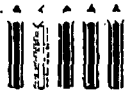
6. **Operating a booth without a filter or with gaps is:**
 - A. A violation of Monaco's Air Permits
 - B. Is not good for the exhaust equipment
 - C. Is not good for the environment
 - D. All of the above

7. **Air will seek the least path of resistance and is the reason why it is important to have no gaps in a filter bank and that filters should overlap when needed.**
 - A. True
 - B. False

8. **Filters should be replaced on a regular basis.**
 - A. True
 - B. False

Name: _____ Date: _____
(Sign) (Print)

Name: John W. Mackey (Sign) John W. Mackey (Print) Date: 4-11-03



PARTICUALATE CONTROL

Date: 4-11-03

Supervisor/Instructor: John Mackey

NAME (PRINT)	NAME (SIGNATURE)
DON TURNER	<i>Don Turner</i>
Victor Coarales	<i>Victor Coarales</i>
James Beatty	<i>James Beatty</i>
David Milligan	<i>David Milligan</i>
DANIEL GOINSTEAD	<i>Daniel Goinstead</i>
James R. Hoke	<i>James R Hoke</i>
Chris Eastwood	<i>Chris Eastwood</i>



PARTICULATE CONTROL SYSTEMS QUIZ

1. **Dirty filters reduce a ventilation systems effectiveness:**
 A. True
B. False
2. **A haze is observed in a booth and it is not clearing up as quickly as usual you should:**
A. Blow the filter out with compressed air
B. Remove the material clogging the filter with a vacuum
C. Operate the booth without a filter
 D. Replace the filter with a new one and install without any gaps
3. **Visual particulate emissions observed coming out from a stack should first be investigated by inspecting the filters.**
 A. True
B. False
4. **What is a possible cause for a filter loading quicker than normal?**
A. The filter is installed with the filter bank with gaps
B. The filter is installed with the open weave facing away from the exhaust fan
 C. The filter is installed with the open weave facing toward the exhaust fan
5. **Unusual fan noises may indicate fan problems. What should be done?**
A. Keep operating as usual without informing a supervisor
B. Climb into the exhaust system and blow off the fan with compressed air
 C. Inform your supervisor so he/she can investigate and contact maintenance
6. **Operating a booth without a filter or with gaps is:**
A. A violation of Monaco's Air Permits
B. Is not good for the exhaust equipment
C. Is not good for the environment
 D. All of the above
7. **Air will seek the least path of resistance and is the reason why it is important to have no gaps in a filter bank and that filters should overlap when needed.**
 A. True
B. False
8. **Filters should be replaced on a regular basis.**
 A. True
B. False

Victor 4/11/03



PARTICULATE CONTROL SYSTEMS QUIZ

1. Dirty filters reduce a ventilation systems effectiveness:
 A. True
B. False

2. A haze is observed in a booth and it is not clearing up as quickly as usual you should:
A. Blow the filter out with compressed air
B. Remove the material clogging the filter with a vacuum
C. Operate the booth without a filter
 D. Replace the filter with a new one and install without any gaps

3. Visual particulate emissions observed coming out from a stack should first be investigated by inspecting the filters.
 A. True
B. False

4. What is a possible cause for a filter loading quicker then normal?
A. The filter is installed with the filter bank with gaps
B. The filter is installed with the open weave facing away from the exhaust fan
 C. The filter is installed with the open weave facing toward the exhaust fan

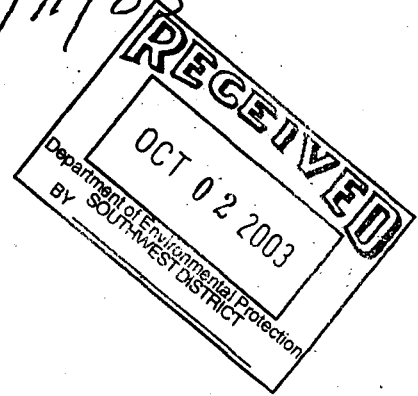
5. Unusual fan noises may indicate fan problems. What should be done?
A. Keep operating as usual without informing a supervisor
B. Climb into the exhaust system and blow off the fan with compressed air
 C. Inform your supervisor so he/she can investigate and contact maintenance

6. Operating a booth without a filter or with gaps is:
A. A violation of Monaco's Air Permits
B. Is not good for the exhaust equipment
C. Is not good for the environment
 D. All of the above

7. Air will seek the least path of resistance and is the reason why it is important to have no gaps in a filter bank and that filters should overlap when needed.
 A. True
B. False

8. Filters should be replaced on a regular basis.
 A. True
B. False

Name: Beaty
NO. 486 P. 5
4/11/03



PARTICULATE CONTROL SYSTEMS QUIZ

1. Dirty filters reduce a ventilation systems effectiveness:
 - A. True
 - B. False

2. A haze is observed in a booth and it is not clearing up as quickly as usual you should:
 - A. Blow the filter out with compressed air
 - B. Remove the material clogging the filter with a vacuum
 - C. Operate the booth without a filter
 - D. Replace the filter with a new one and install without any gaps

3. Visual particulate emissions observed coming out from a stack should first be investigated by inspecting the filters.
 - A. True
 - B. False

4. What is a possible cause for a filter loading quicker then normal?
 - A. The filter is installed with the filter bank with gaps
 - B. The filter is installed with the open weave facing away from the exhaust fan
 - C. The filter is installed with the open weave facing toward the exhaust fan

5. Unusual fan noises may indicate fan problems. What should be done?
 - A. Keep operating as usual without informing a supervisor
 - B. Climb into the exhaust system and blow off the fan with compressed air
 - C. Inform your supervisor so he/she can investigate and contact maintenance

6. Operating a booth without a filter or with gaps is:
 - A. A violation of Monaco's Air Permits
 - B. Is not good for the exhaust equipment
 - C. Is not good for the environment
 - D. All of the above

7. Air will seek the least path of resistance and is the reason why it is important to have no gaps in a filter bank and that filters should overlap when needed.
 - A. True
 - B. False

8. Filters should be replaced on a regular basis.
 - A. True
 - B. False

David Miller
4-11-03

10:30 AM



PARTICULATE CONTROL SYSTEMS QUIZ

1. Dirty filters reduce a ventilation systems effectiveness:
 A. True
 B. False

2. A haze is observed in a booth and it is not clearing up as quickly as usual you should:
 A. Blow the filter out with compressed air
 B. Remove the material clogging the filter with a vacuum
 C. Operate the booth without a filter
 D. Replace the filter with a new one and install without any gaps

3. Visual particulate emissions observed coming out from a stack should first be investigated by inspecting the filters.
 A. True
 B. False

4. What is a possible cause for a filter loading quicker then normal?
 A. The filter is installed with the filter bank with gaps
 B. The filter is installed with the open weave facing away from the exhaust fan
 C. The filter is installed with the open weave facing toward the exhaust fan

5. Unusual fan noises may indicate fan problems. What should be done?
 A. Keep operating as usual without informing a supervisor
 B. Climb into the exhaust system and blow off the fan with compressed air
 C. Inform your supervisor so he/she can investigate and contact maintenance

6. Operating a booth without a filter or with gaps is:
 A. A violation of Monaco's Air Permits
 B. Is not good for the exhaust equipment
 C. Is not good for the environment
 D. All of the above

7. Air will seek the least path of resistance and is the reason why it is important to have no gaps in a filter bank and that filters should overlap when needed.
 A. True
 B. False

8. Filters should be replaced on a regular basis.
 A. True
 B. False

David D. Grunberg

4/11/02



PARTICULATE CONTROL SYSTEMS QUIZ

1. Dirty filters reduce a ventilation systems effectiveness:
 - A. True
 - B. False

2. A haze is observed in a booth and it is not clearing up as quickly as usual you should:
 - A. Blow the filter out with compressed air
 - B. Remove the material clogging the filter with a vacuum
 - C. Operate the booth without a filter
 - D. Replace the filter with a new one and install without any gaps

3. Visual particulate emissions observed coming out from a stack should first be investigated by inspecting the filters.
 - A. True
 - B. False

4. What is a possible cause for a filter loading quicker then normal?
 - A. The filter is installed with the filter bank with gaps
 - B. The filter is installed with the open weave facing away from the exhaust fan
 - C. The filter is installed with the open weave facing toward the exhaust fan

5. Unusual fan noises may indicate fan problems. What should be done?
 - A. Keep operating as usual without informing a supervisor
 - B. Climb into the exhaust system and blow off the fan with compressed air
 - C. Inform your supervisor so he/she can investigate and contact maintenance

6. Operating a booth without a filter or with gaps is:
 - A. A violation of Monaco's Air Permits
 - B. Is not good for the exhaust equipment
 - C. Is not good for the environment
 - D. All of the above

7. Air will seek the least path of resistance and is the reason why it is important to have no gaps in a filter bank and that filters should overlap when needed.
 - A. True
 - B. False

8. Filters should be replaced on a regular basis.
 - A. True
 - B. False

James R. Hake

4-11-03



PARTICULATE CONTROL SYSTEMS QUIZ

1. Dirty filters reduce a ventilation systems effectiveness:
 A. True
 B. False

2. A haze is observed in a booth and it is not clearing up as quickly as usual you should:
 A. Blow the filter out with compressed air
 B. Remove the material clogging the filter with a vacuum
 C. Operate the booth without a filter
 D. Replace the filter with a new one and install without any gaps

3. Visual particulate emissions observed coming out from a stack should first be investigated by inspecting the filters.
 A. True
 B. False

4. What is a possible cause for a filter loading quicker than normal?
 A. The filter is installed with the filter bank with gaps
 B. The filter is installed with the open weave facing away from the exhaust fan
 C. The filter is installed with the open weave facing toward the exhaust fan

5. Unusual fan noises may indicate fan problems. What should be done?
 A. Keep operating as usual without informing a supervisor
 B. Climb into the exhaust system and blow off the fan with compressed air
 C. Inform your supervisor so he/she can investigate and contact maintenance

6. Operating a booth without a filter or with gaps is:
 A. A violation of Monaco's Air Permits
 B. Is not good for the exhaust equipment
 C. Is not good for the environment
 D. All of the above

7. Air will seek the least path of resistance and is the reason why it is important to have no gaps in a filter bank and that filters should overlap when needed.
 A. True
 B. False

8. Filters should be replaced on a regular basis.
 A. True
 B. False

Chris Eastwood
~~4/1/03~~
4/1/03



PARTICULATE CONTROL SYSTEMS QUIZ

1. Dirty filters reduce a ventilation systems effectiveness:
 A. True
 B. False

2. A haze is observed in a booth and it is not clearing up as quickly as usual you should:
 A. Blow the filter out with compressed air
 B. Remove the material clogging the filter with a vacuum
 C. Operate the booth without a filter
 D. Replace the filter with a new one and install without any gaps

3. Visual particulate emissions observed coming out from a stack should first be investigated by inspecting the filters.
 A. True
 B. False

4. What is a possible cause for a filter loading quicker then normal?
 A. The filter is installed with the filter bank with gaps
 B. The filter is installed with the open weave facing away from the exhaust fan
 C. The filter is installed with the open weave facing toward the exhaust fan

5. Unusual fan noises may indicate fan problems. What should be done?
 A. Keep operating as usual without informing a supervisor
 B. Climb into the exhaust system and blow off the fan with compressed air
 C. Inform your supervisor so he/she can investigate and contact maintenance

6. Operating a booth without a filter or with gaps is:
 A. A violation of Monaco's Air Permits
 B. Is not good for the exhaust equipment
 C. Is not good for the environment
 D. All of the above

7. Air will seek the least path of resistance and is the reason why it is important to have no gaps in a filter bank and that filters should overlap when needed.
 A. True
 B. False

8. Filters should be replaced on a regular basis.
 A. True
 B. False