From: <u>John Fuss</u>

To: <u>myron@kochtenninc.com</u>

Cc: APC Permitting; shea@stevensehs.com; rick@kochandco.com; Sarosh Kaiser

Subject: RE: Koch Tenn Inc - Minor Modification Request
Date: Tuesday, November 21, 2023 3:39:31 PM

Attachments: 0097 001.pdf

image001.png

The Division received the attached minor modification request. Unfortunately it cannot be processed as the facility does not yet possess a Title V operating permit.

Please revise the application as construction permit application and resubmit.

Let me know if you have any questions.

Thanks



John Fuss | Environmental Manager 3

Division of Air Pollution Control

William R. Snodgrass Tennessee Tower, 15<sup>th</sup> Floor 312 Rosa L. Parks Avenue, Nashville, TN 37243

Office: 615-532-0535

Tell us how we're doing, Take our TDEC customer service survey.

**From:** APC Permitting <APC.Permitting@tn.gov> **Sent:** Tuesday, November 21, 2023 11:26 AM

To: John Fuss < John.Fuss@tn.gov>

Subject: FW: Koch Tenn Inc - Minor Modification Request

Hi, they are asking for a minor mod, but they don't have a current active title 5 permit.

**From:** Air.Pollution Control <<u>Air.Pollution.Control@tn.gov</u>>

**Sent:** Monday, November 20, 2023 12:57 PM **To:** APC Permitting <a href="mailto:APC.Permitting@tn.gov">APC.Permitting@tn.gov</a>>

Subject: FW: Koch Tenn Inc - Minor Modification Request

**From:** Myron Nagurney < <u>myron@kochtenninc.com</u>>

**Sent:** Monday, November 20, 2023 11:53 AM

**To:** Air.Pollution Control < <u>Air.Pollution.Control@tn.gov</u>>

**Cc:** Shea Cofer < <u>shea@stevensehs.com</u>>; Rick Carlson < <u>rick@kochandco.com</u>>

Subject: [EXTERNAL] Koch Tenn Inc - Minor Modification Request

\*\*\* This is an EXTERNAL email. Please exercise caution. DO NOT open attachments or click links from unknown senders or unexpected email - STS-Security. \*\*\*

Thank you.

Myron Nagurney Office Manager

Koch Tennessee, Inc.

1701 Needmore Road Whitesburg, TN 37891

Email: <a href="mailto:myron@kochtenninc.com">myron@kochtenninc.com</a>

Office: (423) 235-4442 Fax: (423) 373-1292

**From:** NoReply email addresses < <u>noreply@kochtenninc.com</u>>

**Sent:** Monday, November 20, 2023 12:34 PM **To:** Myron Nagurney < <u>myron@kochtenninc.com</u>> **Subject:** Image from Koch Tenn Inc. - Do Not Reply

November 20, 2023

Michelle Owenby
Technical Secretary
Division of Air Pollution Control
Tennessee Department of Environment & Conservation
William R. Snodgrass Tennessee Tower
312 Rosa L. Parks Avenue, 15<sup>th</sup> Floor
Nashville, TN 37243

Subject:

Koch Tenn, Inc.

ESRN 32-0309

Permit No. 978764 (Amendment 1)

Minor Modification Request to add new Spray Machine on Source 02

Dear Ms. Owenby:

Koch Tenn, Inc., (Koch) holds Title V construction permit number 978764 (A1) and submitted the Title V operating permit application on February 13, 2023. This letter requests a minor modification to install an additional automatic spray machine on Source 02, which will increase the allowable particulate matter (PM) emissions.

#### Description of Change - Source 02 - New Spray Machine

Source 02 is the Wood Cabinet Finishing and Coating Operations and consists of one dye machine, two spray booths, four automatic spray machines, and three electric flash-off ovens. The facility would like to install an additional automatic spray machine, with an electric flash-off oven. Additionally, a stack above the oven on Spray Machine #2 has been identified and is included in the updated process flow diagram. There will be no change to potential VOC emissions. However, particulate matter emissions will increase due to the addition of three stacks. Koch agrees to limit the Source 02 allowable PM emissions to 10.63 pounds per hour (lb/hr) or 46.56 tons per year (tpy).

#### **Emissions Estimates – Source 02 – New Spray Machine**

The modification results in an increase in allowable PM emissions. The current PM emission limitation is 9.4 pounds per hour (lb/hr) or 41.10 tons per year (tpy). The new allowable PM emission limitation will be 10.63 pounds per hour (lb/hr) or 46.56 tons per year (tpy). Associated calculations are attached.

#### Suggested Permit Language - Source 02 - New Spray Machine

| Source<br>Number | Source Description  |
|------------------|---|
| 02               | Wood Cabinet Finishing and Coating Operation (multiple spray booths) with Exhaust Filters for Pollution Control |

#### S1-4. Emission Limitation(s)

A. Particulate matter emitted from this source shall not exceed 0.02 grain/dscf (10.63 pounds per hour, on a daily average basis).

TAPCR 1200-03-07-.04(1)

Compliance Method: The permittee shall install, operate, and maintain exhaust filters for each spray booth. The spray booths shall not operate unless the exhaust filters are in place and functioning properly. The permittee shall inspect the filter(s) on a daily basis, prior to starting the source. The permittee shall initiate, as well as record, corrective action within 24 hours and complete, as well as record, corrective action as expediently as practical if the permittee finds that a problem has developed during an inspection of the exhaust filters. Inspection records shall be kept and shall also include the initials of the person performing the inspection(s) and corrective action(s), along with the date, time, and any relevant comments. Days that the source is not in operation shall be noted. These records shall be retained in accordance with Condition G10.

#### Minor Permit Modification Procedures

The following requirements for minor modifications to a Part 70 permit are found at TN Chapter 1200-03-09-.02(11)(f)5(ii).

- (ii) Minor permit modification procedures:
- (I) Minor permit modification procedures may be used only for those permit modifications that:
  - I. Do not violate any applicable requirement;
  - II. Do not involve significant changes to existing monitoring, reporting or recordkeeping requirements in the permit;
  - III. Do not require or change a case-by-case determination of an emission limitation or other standard required by the federal Act, or a source-specific determination for temporary sources of ambient impacts as required by the federal Act, or a visibility or increment analysis as required by the federal Act;
  - IV. Do not seek to establish or change a permit term or condition for which there is no corresponding underlying applicable requirement and that the source has

assumed to avoid an applicable requirement to which the source would otherwise be subject. Such terms and conditions include:

A. A federally enforceable emissions cap assumed to avoid classification as a modification under any provision of Title I of the federal Act. Further, federally enforceable emission caps assumed to avoid classification as a modification under chapter 1200-03-11, chapter 1200-30-16, Chapter 1200-03-31, paragraph 1200-03-09-.01(4) or paragraph 1200-03-09-.01(5) are included in the criteria of this section 1200-03-09-.02(11)(f)5(ii)(I)IVA.

B. An alternate emission limit approved pursuant to section 112(i)(5) of the federal Act or rule 1200-03-31-.06;

V. Are not modifications under Title I of the federal Act or the federal regulations promulgated pursuant thereto. Further, the minor permit modification process may be used only for changes that are not modifications under chapter 1200-03-11, Chapter 1200-03-31, chapter 1200-03-16, paragraph 1200-03-09-.01(4) or paragraph 1200-03-09-.01(5); and

VI. Are not otherwise required in paragraph 1200-03-09-.02(11) to be processed as a significant modification.

I hereby certify that installation of the new spray machine described in this letter meets the criteria for a minor modification and formally request that the Division use minor modification procedures to account for these modifications in the Part 70 permit.

I hereby certify that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

If you have questions or comments, please contact me at (423) 235-4442, or my consultant, Shea Cofer, at (615) 418-1414.

Sincerely.

Myron Nagurney

Office Manager

Attachments

#### Minor Modification Application And Emission Calculations



### TITLE V PERMIT APPLICATION INDEX OF AIR POLLUTION PERMIT APPLICATION FORMS

|                               | Section 1: Identification and D          | iagrams |
|-------------------------------|--|---------|
| This application contains the | APC Form 1, Facility Identification      | 1       |
| following forms:              | APC Form 2, Operations and Flow Diagrams | 1       |

|   | Section 2: Emission Source Description Forms                       |                           |
|---|--|---------------------------|
|   |  | Total number of this form |
|   | APC Form 3, Stack Identification                                   | 2                         |
|   | APC Form 4, Fuel Burning Non-Process Equipment                     |                           |
|   | APC Form 5, Stationary Gas Turbines or Internal Combustion Engines |                           |
|   | APC Form 6, Storage Tanks  |                           |
| This application contains the following forms one form for each incinerator, printing | APC Form 7, Incinerators   |                           |
| peration, fuel burning installation, etc.):   | APC Form 8, Printing Operations                                    |                           |
|   | APC Form 9, Painting and Coating Operations                        | 1                         |
|   | APC Form 10, Miscellaneous Processes                               |                           |
|   | APC Form 33, Stage I and Stage II Vapor Recovery Equipment         |                           |
|   | APC Form 34, Open Burning  |                           |

|   | Section 3: Air Pollution Control System Forms         |                           |
|---|---|---------------------------|
|   |   | Total number of this form |
|   | APC Form 11, Control Equipment - Miscellaneous        |                           |
|   | APC Form 13, Adsorbers                                |                           |
| This application contains the following forms (one form for each control system in use at the | APC Form 14, Catalytic or Thermal Oxidation Equipment | F                         |
| facility):  | APC Form 15, Cyclones/Settling Chambers               |                           |
|   | APC Form 17, Wet Collection Systems                   |                           |
|   | APC Form 18, Baghouse/Fabric Filters                  |                           |

(OVER)

|   | Section 4: Compliance Demonstration Forms  |                           |
|---|--|---------------------------|
|   |  | Total number of this form |
|   | APC Form 19, Compliance Certification - Monitoring and Reporting - Description of Methods for Determining Compliance | 1                         |
|   | APC Form 20, Continuous Emissions Monitoring   |                           |
|   | APC Form 21, Portable Monitors   |                           |
|   | APC Form 22, Control System Parameters or Operating Parameters of a Process  |                           |
|   | APC Form 23, Monitoring Maintenance Procedures   | 14.                       |
|   | APC Form 24, Stack Testing   |                           |
| This application contains the following forms one form for each incinerator, printing operation, fuel burning installation, etc. ): | APC Form 25, Fuel Sampling and Analysis  |                           |
| peration, their outsing historication, etc. ).  | APC Form 26, Record Keeping  | 1                         |
|   | APC Form 27, Other Methods   |                           |
|   | APC Form 28, Emissions from Process Emissions Sources / Fuel Burning Installations / Incinerators                    | 1                         |
|   | APC Form 29, Emissions Summary for the Facility or for the Source Contained in This Application                      | 1                         |
|   | APC Form 30, Current Emissions Requirements and Status   | 1                         |
|   | APC Form 31, Compliance Plan and Compliance Certification  | 1                         |
|   | APC Form 32, Air Monitoring Network  |                           |

#### Section 5: Statement of Completeness and Certification of Compliance

I have reviewed this application in its entirety and to the best of my knowledge, and based on information and belief formed after reasonable inquiry, the statements and information contained in this application are true, accurate, and complete. I have provided all the information that is necessary for compliance purposes and this application consists of 21 pages and they are numbered from page 1 to 21. The status of this facility's compliance with all applicable air pollution control requirements, including the enhanced monitoring and compliance certification requirements of the Federal Clean Air Act, is reported in this application along with the methods to be used for compliance demonstration.

Name and Title of Responsible Official

Telephone Number with Area Code

Myron Nagurney, Office Manager

(423) 235-4442

Signature of Responsible Official

Date of Application

11/20/23

(For definition of responsible official, see instructions for APC Form 1)



### TITLE V PERMIT APPLICATION FACILITY IDENTIFICATION

|   | SII         | TE INFORMATION   |             |                       |
|---|-------------|------------------|-------------|-----------------------|
| 1. Organization's legal name                |             |                  | For         | APC company point no. |
| Koch Tenn., Inc.                            |             |                  | APC         |                       |
| 2. Site name (if different from legal name) |             |                  | Use<br>Only | APC Log/Permitno.     |
| 3. Site address (St./Rd./Hwy.)              |             |                  | NAICS       | or SIC Code           |
| 1701 Needmore Road                          |             |                  | 2434        |                       |
| City or distance to nearest town            |             | Zip code         | County      | name                  |
| Whitesburg                                  |             | 37891            | Hamble      | n                     |
| 4. Site location (in Lat./Long) Latitude    |             |                  | Longitue    | de                    |
| 36 17'35"N                                  |             |                  | 83 09'1     | 7"W                   |
| CON   | TACT INFORM | IATION (RES PONS | IBLE OFFIC  | CIAL)                 |
| 5. Responsible official contact             |             |                  | Phonen      | umber with area code  |
| Myron Nagurney                              |             |                  | 423-235     | 5-4442                |
| 6. Mailing address (St./Rd./Hwy.)           |             |                  | Fax num     | ber with area code    |
| same as above                               |             |                  |             | 16                    |
| City  | State       | Zip code         | Emailac     |                       |
|   |             |                  | myron@      | )kochtenninc.com      |
|   | CONTACT IN  | FORMATION (TEC   | CHNICAL)    |                       |
| 7. Principal technical contact              |             |                  | Phonen      | umber with area code  |
| Myron Nagurney                              |             |                  | 423-235     | 5-4442                |
| 8. Mailing address (St./Rd./Hwy.)           |             |                  | Fax num     | ber with area code    |
| same as above                               |             |                  |             |                       |
| City  | State       | Zip code         | Emailac     |                       |
|   |             |                  | myron@      | )kochtenninc.com      |
|   | CONTACT     | INFORMATION (B   |             |                       |
| 11. Billing contact                         |             |                  |             | umber with area code  |
| Myron Nagurney                              |             |                  | 423-235     | 5-4442                |
| 12. Mailing address (St./Rd./Hwy.)          |             |                  | Fax num     | ber with area code    |
| same as above                               |             |                  |             |                       |
| City  | State       | Zip code         | Email ac    |                       |
|   |             |                  | myron@      | )kochtenninc.com      |
|   | TYPE O      | F PERMIT REQUES  | STED        |                       |
| 13. Permit requested for:                   |             |                  |             |                       |
| Initial application to operate:             |             |                  | Minor perr  | nit modification:     |
| Permit renewal to operate:                  |             |                  | Significa   | int modification:     |
| Administrative permit amendment :           |             |                  | Со          | nstruction permit :   |

(OVER)

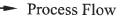
APC 1

|      | HAZARDOUS AIR POLLUTANTS, DESIGNATIONS, AND OTHER PERMITS ASSOCIATED WITH FACILITY  |
|------|---|
| 14.  | Is this facility subject to the provisions governing prevention of accidental releases of hazardous air contaminants contained in Chapter 1200-03-32 of the Tennessee Air Pollution Control regulations?  Yes  No |
|      | If the answer is Yes, are you in compliance with the provisions of Chapter 1200-03-32 of the Tennessee Air Pollution Control regulations?  Yes  No  |
| 15.  | If facility is located in an area designated as "Non-Attainment" or "Additional Control", indicate the pollutant(s) for the designation.  |
| N/A  |   |
| 16.  | List all valid Air Pollution permits issued to the sources contained in this application [identify all permits with most recent permit numbers and emission source reference numbers listed on the permit(s)],    |
| Perr | V Construction Permit nit Number: 978764 RN: 32-0309-02 Wood Cabinet Flnishing and Coating Operation  |
| 17.  | Page number: Date of revision:  |



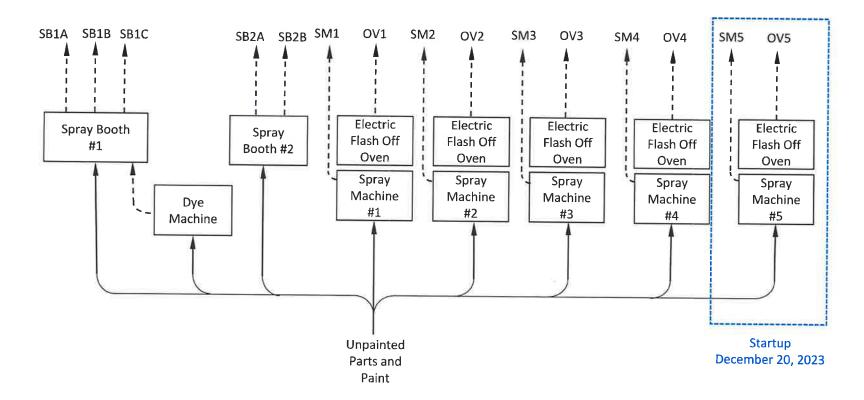
### TITLE V PERMIT APPLICATION OPERATIONS AND FLOW DIAGRAMS

| 1.  | Please list, identify, and describe briefly <u>process emission sources, fuel burning installations, and incinerators</u> that are contained in this application flow diagram for this application. | n. Please attach a |
|-----|---|--------------------|
| 02  | 2: Wood Cabinet Finishing and Coating Operation   | 3                  |
|     |   |                    |
|     |   |                    |
|     |   |                    |
|     |   |                    |
|     |   |                    |
|     |   |                    |
|     |   |                    |
|     |   |                    |
|     |   |                    |
|     |   |                    |
|     |   |                    |
|     |   |                    |
|     |   |                    |
| 2.  | List all insignificant activities which are exempted because of size or production rate and cite the applicable regulations.  |                    |
|     | ile.  |                    |
|     |   |                    |
|     |   |                    |
|     |   |                    |
|     |   |                    |
|     |   |                    |
|     |   |                    |
| 3.  | Are there any storage piles?  |                    |
| 4.  | YESNO List the states that are within 50 miles of your facility.  |                    |
| KY, | , VA, NC  |                    |
|     |   |                    |
| 5.  | Page number; Revision Number: Date of Revision:   |                    |



#### ---► Air Emissions

**ALL TO ATM** 



| Stack No.  | SB1A  | SB1B  | SB1C  | SB2A  | SB2B  | SM1   | SM2   | SM3   | SM4   | SM5   | OV1   | OV2   | OV3   | OV4   | OV5   |
|------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Stack Ht.  | 25′   | 25"   | 25"   | 25′   | 25′   | 28'   | 28'   | 28'   | 28'   | 28'   | 28'   | 28'   | 28'   | 28'   | 28'   |
| Stack Dia. | 2.5′  | 2.5′  | 2.5'  | 2.5′  | 2.5'  | 1.7'  | 1.7'  | 1.7'  | 1.7'  | 1.7'  | 1.    | 1'    | 1*    | 1.    | 1'    |
| ACFM       | 7,500 | 7,500 | 7,500 | 7,500 | 7,500 | 3,800 | 3,800 | 3,800 | 3,800 | 3,800 | 2,000 | 2,000 | 2,000 | 2,000 | 2,000 |



Koch Tenn., Inc.
Source 02: Finishing and Coating Operation

Process Flow Diagram Revised: 11/16/2023



### TITLE V PERMIT APPLICATION STACK IDENTIFICATION

|   | DENTIFICATION AND DESCRIPTION   |                         |
|---|---|-------------------------|
| 1. Facility name:   |   |                         |
| Koch Tenn., Inc.  |   |                         |
| 2. Emission source (identify):  |   | ,                       |
| 02: Wood Cabinet Finishing and Coating O                              | Operation   |                         |
|   | STACK DESCRIPTION   |                         |
| 3. Stack ID (or flow diagram point identification):                   |   |                         |
| OV5   |   |                         |
| Stack height above grade in feet:                                     |   |                         |
| 28  |   |                         |
| 5. Velocity (data at exit conditions):                                | 6. Inside dimensions at outlet in feet:   |                         |
| 42 (Actual feet per second)   | 1   |                         |
| 7. Exhaust flow rate at exit conditions (ACFM):                       | 8. Flow rate at standard conditions (DSCFM):                                      |                         |
| 2,000   | 1,853   |                         |
| 9. Exhaust temperature:   | 10. Moisture content (data at exit conditions):                                   |                         |
|   |   | ains per dry            |
| 110   | 5 sta   | ındard cubic            |
| Degrees Fahrenheit (°F)   |   | ot (gr./dscf.)          |
|   | (90) percent or more of the operating time (forstacks subject to diffusion        | equation only):         |
| 100   | (°E)  |                         |
|   | (°F)  |                         |
| 12. If this stack is equipped with continuous pollutant monitoring eq | equipment required for compliance, what pollutant(s) does this equipment          | monitor (e.g., Opacity, |
| SO <sub>2</sub> , NO <sub>x</sub> , etc.)?                            |   |                         |
| N/A   |   |                         |
|   |   |                         |
|   |   |                         |
| Complete the appropriate APC form(s) 4,5,7,8,9, or 10 for each        | ach source exhausting through this stack.   |                         |
| BYPA  | ASS STACK DESCRIPTION   |                         |
| 13. Do you have a bypass stack?                                       | .,  |                         |
| Yes   | X   |                         |
| If yes, describe the conditions which require its use & complete      | e APC form 4 for the bypass stack. Please identify the stack number(s) of 1       | Flour dia vrama na int  |
| number(s) exhausting through this bypass stack.                       | . At Clothi 4 for the by pass stack, r lease theritiy the stack it uniber(s) of i | now diagram point       |
|   |   |                         |
|   |   |                         |
|   |   |                         |
|   |   |                         |
| 14. Page number: Revision Num   | mber: Date of Revision:   |                         |



### TITLE V PERMIT APPLICATION STACK IDENTIFICATION

|  |   | TION AND DESCRIPTION  |
|--|---|---|
| I. Facility nam  |   |   |
| Koch Tenn.   | , INC.  purce (identify):   |   |
|  | ratre (identity)։<br>Cabinet Finishing and Coating Operatior                                  |   |
|  |   | SCRIPTION   |
| 3. Stack ID (or  | flow diagram point identification):   |   |
| SM5  |   |   |
|  | above grade in feet:  |   |
| 28   |   |   |
|  | ta at exit conditions):   | 6. Inside dimensions at outlet in feet:   |
| 28   | (Actual feet per second)  | 1.7   |
| 7. Exhaust flow  | vrateat exit conditions (ACFM):   | 8. Flow rate at standard conditions (DSCFM):  |
| 3,800  |   | 3,800   |
| 9. Exhaust tem   | perature;   | 10. Moisture content (data at exit conditions):                                       |
| 68   | Degrees Fahrenheit (°F)   | Grains per dry standard cubic foot (gr./dscf.)  |
| 11. Exhaust tem  | perature that is equaled or exceeded during ninety (90) percent o                             | rmore of the operating time ( <u>for stacks subject to diffusion equation only</u> ): |
|  | 68  |   |
|  | (°F)  |   |
| 12. If this stack is SO <sub>2</sub> , NO <sub>x</sub> , etc | s equipped with continuous pollutant monitoring equipment requ                                | ired for compliance, what pollutant(s) does this equipment monitor (e.g., Opacity,    |
| N/A  | ):  |   |
| 19/7   |   |   |
|  |   |   |
| 6 1.4  |   |   |
| Completethe  | e appropriate APC form(s) 4,5,7,8,9, or 10 for each source exh                                | austing through this stack.   |
| 13. Do you have  |   | C DES CRIPTION  |
| 13. Do younave   | X   | No  |
| If yes, describ<br>number(s) exl                             | be the conditions which require its use & complete APC form 4 that through this bypass stack. | for the bypass stack. Please identify the stack number(s) of flow diagram point       |
|  |   | ÷   |
|  |   |   |
|  |   |   |
| 77 B   |   |   |
| 14. Page number:   | Revision Number:  | Date of Revision:   |



### TITLE V PERMIT APPLICATION PAINTING AND COATING OPERATIONS

|    | C 1 1 2 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1   |                                   |                 |                 |                                       |              | DATING C          |                                       |               |                |            |                     |               |
|----|---|-----------------------------------|-----------------|-----------------|---------------------------------------|--------------|-------------------|---------------------------------------|---------------|----------------|------------|---------------------|---------------|
|    | Facilitynama  |                                   |                 | GENI            | ERAL IDI                              | ENTIFICA:    | TION AND I        | DESCRIP                               | TION          |                |            |                     |               |
|    | Facility name: Koch Tenn., Inc.   | c                                 |                 |                 |                                       |              |                   |                                       |               |                |            |                     |               |
| 2. | Process description: 32-0309-02 Year of construction or last modifie              | 2: Wood Cabin                     | et Finishing    | and Coating     | Operation                             |              |                   |                                       |               |                |            |                     |               |
| 3. | Year of construction or last modifie  | cation: 2023                      |                 | and Couring     | Орегация                              | 1            | 4. Stack          | ID or flow                            | diagram no    | int idantifia  | ation (a)  |                     |               |
|    | If the emissions are controlled forc  | compliance attac                  | han annmar      | ate Air Dellut  | on Control                            |              |                   | 01 11011                              | unigram po    | int identine   | mon (s): A | ll source 02 stacks |               |
| _  | and printing operation is infoliated  | eu for combinan                   | ce, niease atta | ch the approp   | riate compli                          | ance demons  | tration form      |                                       |               |                |            |                     |               |
|    | riormar operating schedule 24   | Hrs./Day                          | 7 Da            | ys/Wk. 365      | Days/                                 | Yr.          |                   |                                       |               |                |            |                     |               |
|    | Location of this operation in UTM   | coordinates: U                    | TM Vertical     | 36 17'35"N      | UTM                                   | lorizontal:  | R3 09'17"W/       |                                       |               |                |            |                     |               |
|    | Oven curing (complete if applicable   | e): N                             | umber of ove    | ns: N/A         |                                       |              | ature of air cent | o otin o o o o o t                    | J             | 20.1           |            |                     |               |
|    | Specify oven fuels:   |                                   |                 |                 |                                       |              |                   |                                       |               |                | eoven (°F  | ):                  | _             |
|    | Application technique and transfer of   | efficiency (%):                   | Spray boo       | th with airle   | es enrav                              | application  | Jotal ma          | ximum hea                             | t input to ea | ch oven:       |            | =                   |               |
|    |   |                                   |                 |                 | CO                                    | TINICE AT    | ATD COTSTON       | TOO                                   |               |                |            |                     |               |
|    | Complete the following table - Atta   | ch additional tal                 | oles as needed  | – Fill in only  | the items n                           | ecessary for | ND SULVEN         | TS                                    |               |                |            |                     |               |
|    |   |                                   |                 | 1               | T T T T T T T T T T T T T T T T T T T | Coating Coa  | mposition: Val    | compliane                             | ewith emis    | sion standan   | d(s).      |                     |               |
|    | Identify coatings   | Maximum Usage  Gal./Hr.   Gal./Mo |                 | Normal<br>Usage |                                       |              |                   | nposition: Volume and weight percents |               | ent as applied |            | Density of Solvent  |               |
|    | , ,   |                                   |                 |                 |                                       | lids         | (VOCs)            | Water                                 |               | Exempt Solvent |            | Fraction            | Coating Densi |
|    |   | Gai./Hi.                          | Gal./Mo.        | Gal./Mo.        | Vol. %                                | Wt. %        | Wt.%              | Vol.                                  | Wt.           | Vol.           | Wt.        | Lbs./Gal.           | Lbs./Gal.     |
|    |   |                                   |                 |                 |                                       |              |                   |                                       |               |                |            |                     |               |
|    | (See attached.)   |                                   |                 |                 |                                       |              |                   |                                       |               |                |            |                     | 1011-021-031  |
|    | (See attached.)   |                                   |                 |                 |                                       |              |                   |                                       |               |                |            |                     |               |
|    | (See attached.)   |                                   |                 |                 |                                       |              |                   |                                       |               |                |            |                     |               |
|    | (See attached.)   |                                   |                 |                 |                                       |              |                   |                                       |               |                |            |                     |               |
|    |   |                                   |                 |                 |                                       |              |                   |                                       |               |                |            |                     |               |
|    | Total coatings  |                                   |                 |                 |                                       |              |                   |                                       |               |                |            |                     |               |
|    | Total coatings List the Thinning Solvents used with                               | the coatings ide                  | ntified above   |                 |                                       |              |                   |                                       |               |                |            |                     |               |
|    | Total coatings  | the coatings ide                  | ntified above   |                 |                                       |              |                   |                                       |               |                |            |                     |               |
| 10 | Total coatings List the Thinning Solvents used with                               | the coatings ide                  | ntified above   |                 |                                       |              |                   |                                       |               |                |            |                     |               |
| 30 | Total coatings  List the Thinning Solvents used with (1):                         | the coatings ide                  | ntified above   |                 |                                       |              |                   |                                       |               |                |            |                     |               |
| .0 | Total coatings  List the Thinning Solvents used with (1): (2): Clean-up solvents: | the coatings ide                  | ntified above   |                 |                                       |              |                   |                                       |               |                |            |                     |               |
| .0 | Total coatings  List the Thinning Solvents used with (1):                         | the coatings ide                  | ntified above   |                 |                                       |              |                   |                                       |               |                |            |                     |               |



# TITLE V PERMIT APPLICATION COMPLIANCE CERTIFICATION - MONITORING AND REPORTING DESCRIPTION OF METHODS USED FOR DETERMINING COMPLIANCE

All sources that are subject to 1200-03-09-.02(11) of the Tennessee Air Pollution Control Regulations are required to certify compliance with all applicable requirements by including a statement within the permit application of the methods used for determining compliance. This statement must include a description of the monitoring, recordkeeping, and reporting requirements and test methods. In addition, the application must include a schedule for compliance certification submittals during the permit term. These submittals must be no less frequent than annually and may need to be more frequent if specified by the underlying applicable requirement or the Technical Secretary.

|      |  | GENERAL IDENTIFICATION AND DESCRI  | RIPTION   |   |
|------|--|--|---|---|
| Į,   | Facility name:<br>Koch Tenn                                  | n., Inc.   |   |   |
| 2.   | Process emission source, fur                                 | el burning installation, or incinerator (identify): 32-0309-02: Wood   |   |   |
| 3.   | Stack ID or flowdiagram po                                   | 32-U3U9-U2: VVOOG (  | Cabinet Finishing and Coating Operation           |   |
| de . | orack 115 of flowdiagram po                                  | All source 02 stacks   |   |   |
|      |  | METHODS OF DETERMINING COMPLI  | IANCE   |   |
| 4.   | This source as described und<br>(and special operating condi | der Item #2 of this application will use the following method(s) for deter<br>itions from an existing permit). Check all that apply and attach the appre | rmining compliance with sembles blone outrons and |   |
|      |  | sion Monitoring (CEM) - APC 20   |   |   |
|      | Emission Monitori<br>Pollutant(s):                           | ing Using Portable Monitors - APC 21   |   |   |
|      | Monitoring Contro<br>Pollutant(s):                           | ol System Parameters or Operating Parameters of a Process - APC 22   |   |   |
|      | Monitoring Mainte<br>Pollutant(s):                           | enance Procedures - APC 23   |   |   |
|      | Stack Testing - AP-<br>Pollutant(s):                         | C24  |   |   |
|      | Fuel Sampling & A<br>Pollutant(s):                           | analysis (FSA) - APC 25  |   |   |
|      | Recordkeeping - AI Pollutant(s):                             | PC26<br>VOC, HAP   |   |   |
|      | Other (please descri   |  |   |   |
| 5.   | Compliance partification                                     |  |   |   |
| EF.  | ODO VOOR O   | orts will be submitted to the Division according to the following schedule<br>after permit issuance  | le:   |   |
|      | Start date.  | after permit issuance  |   |   |
|      |  | sthereafter.   |   |   |
| Ü    | Compliance monitoring repor                                  | rts will be submitted to the Division according to the following schedule:   | Y.  |   |
|      | Start date: six months                                       | s after permit issuance  |   |   |
|      | And every 180 days   | esthereafter.  |   |   |
|      | Page number:   | Revision number:   | Date of revision:                                 | _ |



TITLE V PERMIT APPLICATION
COMPLIANCE DEMONSTRATION BY RECORDKEEPING

|   | COMPLIANCE DEMONSTR                                      | RATION BY RECORDKEEPING   |
|---|--|---|
| Recordkeeping shall be acceptable a<br>requirement is established.                    | as a compliance demonstration method pr                  | ovided that a correlation between the parameter value recorded and the applicable |
|   | GENERAL IDENTIFICA                                       | ATION AND DESCRIPTION   |
| Facility name:  |  | 2. Stack ID or flow diagram point identification(s):                              |
| Koch Tenn., Inc.  |  | All source 02 stacks  |
| <ol> <li>Emission source (identify);</li> </ol>                                       |  |   |
| 32-0309-02: Wood Cabinet Fin  | ishing and Coating Operation                             |   |
|   | MONITORING AND RECO                                      | DRDKEEPING DESCRIPTION  |
| 4. Pollutant(s) or parameter being 1  | nonitored:   |   |
| VOC and HAP   |  |   |
| <ol> <li>Material or parameter being mon</li> </ol>                                   |  |   |
| Coating material usage and VO   | C and HAP content.                                       |   |
| Method of monitoring and record   | ling:  |   |
| maintained.   | nual usage of each coating material                      | and their associated VOC and HAP content/emissions will be                        |
| <ol> <li>Compliance demonstration frequent<br/>Monthly and annual records.</li> </ol> | ncy (specify the <b>frequency</b> with which <b>comp</b> | diance will be demonstrated):   |
| 3. Page number:   | Revision number:   | Date of revision:   |



### TITLE V PERMIT APPLICATION EMISSIONS FROM PROCESS EMISSION SOURCE / FUEL BURNING INSTALLATION / INCINERATOR

|                                    | GENERAL                              | DENTIFICATI   |                 |                                      | ION / INCINERATOR  |
|------------------------------------|--------------------------------------|---|-----------------|--------------------------------------|--|
| <ol> <li>Facility name:</li> </ol> |                                      |   |                 | O or flow diagram point identifica   | ition(s):  |
| Koch Tenn., Inc.                   |                                      |   | All source 0    |                                      |  |
| 3. Process emission source         | ce/Fuel burning installation/Inciner | erator (identify):  |                 |                                      |  |
| 32-0309-02: Wood Cabi              | inet Finishing and Coating Ope       | peration  |                 |                                      |  |
|                                    |                                      |   |                 |                                      |  |
| Complete the following             | EMISSIONS SUMMARY                    | Y TABLE - CRI   | ITERIA AND      | FUGITIVE EMISSIONS                   |  |
| 4. Complete the following          | g emissions summary for regulated a  | ir pollutants. Fugit  | iveemissions sl | hall be included. Attach calculation | ons and emission factor references.                            |
|                                    | Maximum Allor                        | wable Emissions   |                 | Actual                               | Emissions  |
| Air Pollutant                      | Tons per Year                        | Reserved fo<br>(Pounds pounds pou | er Hour -       | Tons per Year                        | Reserved for State use<br>(Pounds per Hour-<br>Item 8, APC 30) |
|                                    |                                      |   |                 |                                      |  |
| Particulate Matter (TSP)           | 46.56                                |   |                 | 46.56                                |  |
| (Fugitive Emissions)               |                                      |   |                 |                                      |  |
| Sulfur Dioxide                     |                                      |   |                 |                                      |  |
| (Fugitive Emissions)               |                                      |   |                 |                                      |  |
| Volatile Organic<br>Compounds      | 249                                  |   |                 | 240                                  |  |
| Fugitive Emissions)                |                                      |   |                 |                                      |  |
| Carbon Monoxide                    |                                      |   |                 |                                      |  |
| Fugitive Emissions)                |                                      |   |                 |                                      |  |
| Lead                               |                                      |   |                 |                                      |  |
| Fugitive Emissions )               |                                      |   |                 |                                      |  |
| litrogen Oxides                    |                                      |   |                 |                                      |  |
| Fugitive Emissions )               |                                      |   |                 |                                      |  |
| otal Reduced Sulfur                |                                      |   |                 |                                      | *  |
| Fugitive Emissions )               |                                      |   |                 |                                      |  |
| 1ercury                            |                                      |   |                 |                                      |  |
| Fugitive Emissions)                |                                      |   |                 |                                      |  |

( Continued on next page )

|   |                 | ( Continued from last page )                                    |               | APC2   |
|---|-----------------|---|---------------|--|
| AIR POLLUTANT                                     | Maximum All     | owable Emissions  | Actual        | Emissions  |
|   | Tons per Year   | Reserved for State use<br>(Pounds per Hour -<br>Item 7, APC 30) | Tons per Year | Reserved for State use<br>(Pounds per Hour-<br>Item 8, APC 30) |
| Asbestos  |                 |   |               | item 6, At C 30 )  |
| (Fugitive Emissions)                              |                 |   |               |  |
| Beryllium   |                 |   |               |  |
| (Fugitive Emissions)                              |                 |   |               |  |
| Vinyl Chloride                                    |                 |   |               |  |
| (Fugitive Emissions)                              |                 |   |               |  |
| Fluorides   |                 |   |               |  |
| ( Fugitive Emissions )                            |                 |   |               |  |
| Gaseous Fluorides                                 |                 |   |               |  |
| Fugitive Emissions)                               |                 |   |               |  |
| Greenhouse Gases<br>n CO <sub>2</sub> Equivalents |                 |   |               |  |
|   |                 |   |               |  |
| FMI   | SCIONS SIMMADIA | BLE - FUGITIVE HAZARDOU   |               |  |

Complete the following emissions summary for regulated air pollutants that are hazardous air pollutant(s). Fugit ive emissions shall be included.

Attach calculations and emission factor references.

| Air Pollutant & CAS    | Maximum A        | Allowable Emissions   | Actu                   | al Emissions   |
|------------------------|------------------|---|------------------------|--|
| I onucant & CAS        | Tons per Year    | Reserved for State use<br>(Pounds per Hour -<br>Item 7, APC 30) | Tons per Year          | Reserved for State use<br>(Pounds per Hour-<br>Item 8, APC 30) |
| Xylene                 | 18.07            |   | 18.07                  | 30 m o, rti C 30 )   |
| Toluene                | 24.06            |   | 24.06                  | - 12   |
| Ethyl Benzene          | 2.59             |   | 2.59                   |  |
| Methanol               | 7.20             |   | 7.20                   |  |
| Cumene                 | 1.11             |   | 1.11                   |  |
| Naphthalene            | 0.25             |   | 0.25                   |  |
| Methyl Isobutyl Ketone | 0.14             |   | 0.14                   |  |
| Formaldehyde           | 0.008            |   | 0.008                  |  |
| TOTAL HAP              | 53.43            |   |                        |  |
| Page number:           | Revision number: |   | 53.43 Date of revision |  |



## TITLE V PERMIT APPLICATION EMISSION SUMMARY FOR THE FACILITY OR FOR THE SOURCES CONTAINED IN THIS APPLICATION

#### GENERAL IDENTIFICATION AND DESCRIPTION Facility name: Koch Tenn., Inc. EMISSIONS SUMMARY TABLE - CRITERIA AND SELECTED POLLUTANTS 2. Complete the following emissions summary for regulated air pollutants at this facility or for the sources contained in this application. Summary of Maximum Allowable Emissions Summary of Actual Emissions Air Pollutant Reserved for State use Reserved for State use Tons per Year (Pounds per Hour-Tons per Year (Pounds per Hour-Item 4, APC 28) Item 4, APC 28) Particulate Matter (TSP) 70.95 70.95 Sulfur Dioxide 0.32 0.32 Volatile Organic Compounds 249 240.74 Carbon Monoxide 11.17 11.17 Lead 0.001 0.001 Nitrogen Oxides 9.97 9.97 Total Reduced Sulfur Mercury Asbestos Beryllium Vinyl Chlorides Fluorides Gaseous Fluorides Greenhouse Gases in 2,456 CO<sub>2</sub> Equivalents 2,456 ( Continued on next page )

( Continued from previous page )

### EMISSIONS SUMMARY TABLE – HAZARDOUS AIR POLLUTANTS

Complete the following emissions summary for regulated air pollutants that are hazardous air pollutant(s) at this facility or for the sources contained in this application.

| Air Pollutant & CAS        | Summary of Max  | imum Allowable Emissions                                       | Summary o         | f Actual Emissions   |
|----------------------------|-----------------|--|-------------------|--|
| Total CAS                  | Tons per Year   | Reserved for State use<br>(Pounds per Hour-<br>Item 5, APC 28) | Tons per Year     | Reserved for State u<br>(Pounds per Hour-<br>Item 5, APC 28) |
| Total HAPs                 | 53.43           |  | 53.43             |  |
| (See attached calculations |                 |  |                   |  |
| for individual HAPs)       |                 |  |                   |  |
|                            |                 |  |                   |  |
|                            |                 |  |                   |  |
|                            |                 |  |                   | ř.   |
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|                            |                 |  |                   |  |
| *                          |                 |  |                   |  |
| age number:                | Revision number |  | Date of revision: |  |



### TITLE V PERMIT APPLICATION CURRENT EMISSIONS REQUIREMENTS AND STATUS

|  |                               | CURRENT EMISSIONS REQUIR  | EMENTS AND STATUS     |                             |                                    |
|--|-------------------------------|---|-----------------------|-----------------------------|------------------------------------|
|  |                               | GENERAL IDENTIFICATION A  | ND DESCRIPTION        |                             |                                    |
| 1. Facility name:                              |                               |   | mission source number |                             |                                    |
| Koch Tenn., Inc.                               |                               | 32-03   | 309-02                |                             |                                    |
| <ol> <li>Describe the process emiss</li> </ol> | ion source / fuel burning ins | stallation / incinerator.   |                       |                             |                                    |
| 02: Wood Cabinet F                             |                               |   |                       |                             |                                    |
|  |                               | EMISSIONS AND REQUI   | DEMENTS               |                             |                                    |
| 4. Identify if only a part of                  | 5. Pollutant                  | 6. Applicable requirement(s): TN Air Pollution Control                |                       |                             |                                    |
| the source is subject to this requirement      |                               | Regulations, 40 CFR, permit restrictions, air quality based standards | ol 7. Limitation      | 8. Maximum actual emissions | 9. Compliance status<br>( ln/Out ) |
|  | VOC                           | TAPCR 1200-03-1802(2)   | 249 tpy               | 240 tpy                     | In                                 |
|  | PM                            | TAPCR 1200-03-0701(5)   | 10.63 lb/hr           | 10.63 lb/hr                 | <b>I</b> n                         |
|  | Visible Em.                   | TAPCR 1200-03-0501(1)   | 20%                   | 20%                         | In                                 |
|  | 1                             |   |                       |                             |                                    |
|  |                               |   |                       |                             |                                    |
|  |                               |   |                       |                             |                                    |
|  |                               |   |                       |                             |                                    |
|  |                               |   |                       |                             |                                    |
|  |                               |   |                       |                             | *                                  |
| 10. Other applicable requiremen                | its (new requirements that a  | pply to this source during the term of this permit)                   |                       | •                           | ¥1                                 |
|  |                               |   |                       |                             |                                    |
| 11. Page number:                               | 1                             | D   |                       |                             |                                    |
| 1 - So maintout                                |                               | Revision number:  | Da                    | ate of revision:            |                                    |



TITLE V PERMIT APPLICATION
COMPLIANCE PLAN AND COMPLIANCE CERTIFICATION

|     |                                |   | DENTIFICATION AND I   | DESCRIPTION  |   |
|-----|--------------------------------|---|---|--|---|
| Kc  | och Tenn.,                     | Inc.  |   |  |   |
| 2.  | List all the pr                | rocess emission source(s) or fuel burning install   | ation(s) or incinerator(s) that ar                                  | re part of this application.   |   |
|     |                                | Wood Cabinet Finishing and  |   |  |   |
|     |                                | 3   | e e e e e e e e e e e e e e e e e e e                               |  |   |
|     |                                |   |   |  |   |
|     |                                |   |   |  |   |
|     |                                | COMPLI  | ANCE PLAN AND CERTI   | <b>FIFICATION</b>  |   |
| 3.  | Indicate that s                | ource(s) which are contained in this application  | are presently in compliance wi                                      | with all applicable requirements, by checking the following:                   |   |
|     | A.                             | Attached is a statement of identification of to assure compliance with all the applicable       | he source(s) currently in compli<br>requirements for the duration o | pliance. We will continue to operate and maintain the source(s) of the permit. |   |
|     | B                              | APC 30 form(s) includes new requirements requirements on a timely basis.                        | that apply or will apply to the so                                  | source(s) during the term of the permit. We will meet such                     |   |
| 4.  | Indicate that t                | here are source(s) that are contained in this app   | lication which are not presently                                    | y in full compliance, by checking both of the following:                       | _ |
|     | N/A                            |   |   |  |   |
|     | ,                              | and the proposed solution.  | ie source(s) not in compliance,                                     | e, non-complying requirement(s), brief description of the problem,             |   |
|     | N/A B                          | We will achieve compliance according to th  | a fallowing sahadular   |  |   |
|     |                                | we will demove compliance according to the  | ronowing schedule:  |  |   |
|     |                                | Action  |   | Deadline   |   |
|     |                                |   |   |  |   |
|     |                                |   |   |  |   |
|     |                                |   |   |  |   |
|     |                                |   |   | ,  |   |
|     |                                |   |   |  |   |
|     |                                |   |   | -  |   |
|     |                                |   |   |  |   |
|     |                                |   |   |  |   |
|     | Progress report                | ts will be submitted:   |   |  | - |
|     | Start date:                    |   | every 180 days thereafter until c                                   | •  |   |
| 5.  | State the complunder section 1 | liance status with any applicable compliance as 14(a)(3) of the Clean Air Act as of the date of | surance monitoring and complisubmittal of this APC 31.              | liance certification requirements that have been promulgated                   |   |
| Sou | urce is in c                   | compliance with all applicable  | e permit requiremen   | ents.  |   |
|     |                                |   | ,                             |  |   |
|     |                                |   |   |  |   |
|     |                                |   |   |  |   |
|     | Page number:                   |   |   |  |   |
| ٠.  | age number:                    | Revision no   | mber:   | Date of revision:  |   |

#### KOCH TENN., INC.

|  | PM                 | NOx                | SOx                | co                 |                           |                              |                              |                              |                              |                            | HAZARDO                         | US AIR PO                                | DLLUTANTS               |                   |                   |              |            |
|--|--------------------|--------------------|--------------------|--------------------|---------------------------|------------------------------|------------------------------|------------------------------|------------------------------|----------------------------|---------------------------------|--|-------------------------|-------------------|-------------------|--------------|------------|
| Source El  | EMISSIONS<br>(TPY) | EMISSIONS<br>(TPY) | EMISSIONS<br>(TPY) | EMISSIONS<br>(TPY) | VOC<br>EMISSIONS<br>(TPY) | Xylene<br>1330-20-7<br>(TPY) | Toluene<br>108-88-3<br>(TPY) | Ethyl<br>Benzene<br>100-41-4 | Methanol<br>67-56-1<br>(TPY) | Cumene<br>98-82-8<br>(TPY) | Naphthalene<br>91-20-3<br>(TPY) | Metnyi<br>Isobutyi<br>Ketone<br>108-10-1 | Formaldehyde<br>50-00-0 | Lead<br>7439-92-1 | Chromium<br>(TPY) | Cobalt (TPY) | Total HAPs |
| 02 - Wood Finishing  | 46.56              | 145                |                    |                    |                           |                              |                              | (TPY)                        | ÇII 17                       | (11-1)                     | (121)                           | (TPY)                                    | (TPY)                   | (TPY)             | (11-17            |              | (TPY)      |
| 03 - Wood Working 1  | 14.37              | -                  |                    |                    | 240,00                    | 18.07                        | 24.06                        | 2.59                         | 7.20                         | 1,11                       | 0.25                            | 0.14                                     | 0,008                   | _                 | 0.0               | 0.0          |            |
| 04 - Seasonal Boiler No. 2   | 4.89               | 2.58               |                    | -                  | **                        | **                           | **                           | -                            |                              | -44                        | -                               | -  | -                       |                   | 0.0               | 0.0          | 53,43      |
| Scuff Sander (insig)   | 4.75               |                    | 0.29               | 7.03               | 0.20                      |                              | **                           | -                            | ***                          |                            | 2                               |  |                         |                   |                   |              |            |
| Propane Heaters (insig)  |                    |                    |                    |                    |                           | -                            | -                            |                              |                              |                            |                                 | -  | -                       | 0.001             | - #               | 646          | 0.001      |
| The state of the s | 0.39               | 7,4                | 0.0                | 4.1                | 0.54                      |                              |                              |                              |                              |                            | 98.5                            |  | -                       | -                 |                   | 7.044        |            |
| Total  | 70.95              | 9.97               | 0.32               | 11.17              | 240.74                    |                              |                              |                              |                              |                            |                                 |  | -                       | 44                | -                 |              | -          |
|  |                    |                    | 1/2/2              | 111.11             | 640.74                    | 18.07                        | 24.06                        | 2.59                         | 7.20                         | 1.11                       | 0.25                            | 0.14                                     | 0.01                    | 0.00              | 0.00              | 0.00         | 62.42      |

# KOCH TENN., INC. Whitesburg, Tennessee Wood Finishing (ESRN 32-0309-02) PM Emission Calculations

#### hours of operation 8760

| Flow Rate (ACFM) | Dia (ft) | Exit<br>Velocity<br>(ft/sec) | Exit Temp<br>(F) | Moisture<br>Content<br>% | Flow Rate<br>(DSCFM) | Exhaust<br>PM Conc.<br>(gr/dscf) | Pi<br>lb/hr | M<br>tpy |
|------------------|----------|------------------------------|------------------|--------------------------|----------------------|----------------------------------|-------------|----------|
| 66500.0          | 2.5      | 225.9                        | 80               | 5%                       | 62005                | 0.02                             | 10.63       | 46.56    |

1. ACFM based on the following flow rates:

SB1A, SB1B, SB1C, SB2A, SB2B - 7,500 acfm each SM1, SM2, SM3, SM4, SM5 - 3,800 acfm each OV1, OV2, OV3, OV4, OV5 - 2,000 acfm each

2.  $lb/hr = dscfm \times 0.02 gr/dscf \times 60 min/hr / 7,000 gr/lb$ 

### KOCH TENN., INC. Whitesburg, Tennessee Wood Finishing (ESRN 32-0309-02) VOC/HAP Emission Calculations

Hours of Operation 8760

| MATERIAL  | [                                       | Annual | Decemb          | VOC            | VOC                  |                            |                               | -  |                                | -                          | -                            |                            |                               |  | HAZARDO             | US AIR POL  | LUTANTS               |                             |                         |                             |                            | _               |          |             |           |      |
|---|---|--------|-----------------|----------------|----------------------|----------------------------|-------------------------------|--|--------------------------------|----------------------------|------------------------------|----------------------------|-------------------------------|--|---------------------|---|-----------------------|-----------------------------|-------------------------|-----------------------------|----------------------------|-----------------|----------|-------------|-----------|------|
| Solden Hexory Stain                                   | Product No.                             | (Cal)  | (M/gel)         | (% Weight)     | Emissions<br>(Bs/yr) | Xylane<br>1336-25-7<br>(%) | Xylene<br>1330-20-7<br>(ID/K) | 1:31.ene<br>108-88-3<br>(%)  | Totumne<br>108-68-3<br>(ID/yr) | Beruson<br>100-41-4<br>(%) | Ethyl<br>Berzene<br>100-41-4 | Methenal<br>87-56-1<br>(%) | Methanot<br>67-56-1<br>(tbyr) | Current<br>98-62-6<br>(%)                    | 98-82-8<br>(III/yr) | Nisphibusine<br>81-20-3<br>(%)  | Negroverne<br>51-25-3 | Motive<br>Isstant<br>Ketino | Morry<br>bobust<br>Know | Foresadate<br>50<br>50-60-0 | Femalariy<br>de<br>50-00-0 | Civerium<br>(N) | Chomus   | Conset (No. | Occur day | To   |
| Mocha Stain   | S84XXN10154                             | 375    | 7.25            | 80.90%         | 2199.5               | 1,00%                      | 77.2                          | 0.00%  |                                | 1,310                      | inche!                       |                            |                               | 347  | 00.3-2              | 2941  | (lbyr)                | 105-10-7                    | 908-1G-1                | (%)                         | Shiye                      | 17.0            | ((p,N)   |             | 1         | (Ibi |
| ava Stan  | 564XXN14023                             | 375    | 7.37            | 68,00%         | 1879.4               | 0.00%                      | 0.0                           | 0.00%  | 0.0                            | 0.10%                      | 2,7                          | 0.00%                      | 0.0                           | 1.00%  | 27,2                | 2.00%   | 54.4                  | 0.00%                       | 0.0                     | 0.00%                       | 0.0                        | -               |          |             |           | _    |
| ortovan Stain   | S64XXN14666                             | 375    | 9.37            | 96,90%         | 2314.7               | 0.00%                      | 0.0                           |  | 0.0                            | 0.10%                      | 2.8                          | 0.07%                      | 0.0                           | 5,00%  | 0,0                 | 0.00%   | 0.0                   | 0.00%                       | 0.0                     | 0.00%                       | 0.0                        | 0.00%           | 0.0      | 0,00%       | 7.00      | _    |
|   | \$84R15                                 | 0      | 7,10            | 76,10%         | 6.0                  | 0.00%                      |                               | 0.00%  | 0.0                            | 0.00%                      | 0.0                          | 0.00%                      | 0.0                           | 0.00%  | 0.0                 | 0.00%   | 0.0                   | 0.00%                       | 0.0                     | 0.00%                       | 0.0                        | 2.00%           | 0.0      | 0,00%       | 0.0       |      |
| an Dyke Brown Glaze                                   | SEENTT                                  | 50     | 7.72            | 62.90%         | 242.8                | 0.00%                      | 0,0                           | 0.00%  | 0,0                            | 0.00%                      | 0.0                          | 0,00%                      | 0,0                           | 6.00%  | 0.6                 | 0.00%   | 0.0                   | 0.00%                       | 0.0                     | 0.00%                       | 0.0                        | 0.00%           | 9,0      | 0.00%       |           |      |
| own Glaze   | \$65XXN13605                            | 50     | 8.90            | 51,90%         | 228.4                | 0.00%                      |                               | 0.00%  | 0.0                            | 0.00%                      | 0.0                          | 0.60%                      | 0.0                           | 0.00%  | 0.0                 | 0.00%   | 0.0                   | 0.00%                       | -0.0                    | 0.00%                       | 0.0                        | 0.00%           | 0.0      | 0.00%       | 0.0       | _    |
| ack Dye   | S61XXN13947                             | 1050   | 6.73            | 41.50%         | 2939.7               | 0.00%                      | 0,0                           | 0.00%  | 0.0                            | 0.10%                      | 0.4                          | 0.00%                      | 0.0                           | 0.00%  | 0.0                 | 0.00%   | 0.0                   | 0.00%                       | 0.0                     | 0.00%                       |                            | 0.09%           | 0.0      | 0.00%       | 0.0       | 1    |
| own Dye   | \$61XXN14183                            | 1075   | 6.64            | 40.40%         | 4493.3               |                            | 0.0                           | 11.00%   | 777.3                          | 0.00%                      | 0.0                          | 8,00%                      | 353.3                         | 0:00%  | 0.0                 | 0.00%   | 0.0                   | 0.00%                       | 0.0                     |                             | 0.6                        | 0.02%           | 0.0      | 0.00%       | 0.0       |      |
| rple Dve  | 561XXR14193                             | 50     | 0.65            | 40.50%         | 134.7                | 0.00%                      | 0.0                           | 12.00%   | 1334.6                         | 0.00%                      | 0.0                          | 6.00%                      | 667.3                         | 0.00%  | 0.0                 | 0.00%   | 0.0                   | 0.00%                       |                         | 0.00%                       | 0.0                        | 0.00%           | 0.0      | 0.00%       | 0.0       | . 1  |
| Eve Varnish   | H66XXG13410                             | 0      | 0.65            | 49.10%         |                      | 0.00%                      | 0.0                           | 12,00%   | 39.9                           | 0.00%                      | 0.0                          | 6.00%                      | 20.0                          | 0.00%  | 0.0                 | 0.00%   | 0.0                   | 0.00%                       | 0.0                     | 0,00%                       | 0.0                        | 0,00%           | 0.0      | 0.00%       | 0.0       | 20   |
| Nite Varnish  | H66XXW13411                             | 17545  | 5.64            | 57.50%         | 0.0                  | 8.00%                      | 0.0                           | 0.00%  | 0.0                            | 1.00%                      | 0.0                          | 2.00%                      | 0.0                           | 0.00%  | 0.0                 | 0.00%   | 0.0                   |                             | 0.6                     | 0.00%                       | 0.0                        | 0.00%           | 0.0      | 9.00%       | 0.0       |      |
| perf Varnish  | HB6XXW14433                             | 6030   | 8.85            | 47,40%         | 81475.3              | R.00%                      | 12407.9                       | 0.00%  | 0.0                            | 1,00%                      | 1551.0                       | 2,60%                      | 3102.0                        | 0.00%  | 0.0                 | 0.00%   | 0.0                   | 9.00%                       | 9.9                     | 0.00%                       | 0.0                        | 0.00%           | 0.0      | 0.00%       | 0.0       |      |
| htque White Varnish                                   | H66XXH13073                             | 250    | 8.85            | 47,40%         | 25295,2              | 8.00%                      | 4269.2                        | 0.00%  | 0.0                            | 1,00%                      | 533.7                        | 2.00%                      | 1067.5                        | 6.00%  | 0.0                 | 9,00%   | 0.0                   | 0.00%                       | 0,0                     | 0.00%                       | 0.0                        | 12.00%          | 0.0      | 0.00%       | 0.0       | 177  |
| ack Varnish   | H56B22                                  | 1485   | 8.12            | 52.00%         | 1048,7               | 8.00%                      | 177,0                         | 0.00%  | 0.0                            | 1.00%                      | 22.1                         | 2.00%                      | 44.3                          | 0.00%  | 0.0                 | 0.00%   | 0.0                   | 0.00%                       | 0,0                     | 0.00%                       | 0.6                        | 0,00%           | 0,0      | 0.00%       | 0.0       | 1 5  |
| quer Thinner  | X119-SW                                 | 20200  | 6.64            |                | 6270,3               | 9.00%                      | 1005.2                        | 0.00%  | 0.0                            | 2,00%                      | 241.2                        | 2,00%                      | 241.2                         | 0.00%  | 0.0                 | 0.00%   |                       | 0.00%                       | 0.0                     | 0.00%                       | 0.0                        | 0.00%           | 0.0      | 0.00%       | 0.0       | 1    |
| rnish   | V84FL0027-27                            | 16000  | 7.48            | 79.10%         | 106095.2             | 5.00%                      | 6706.4                        | 33.00%   | 44202.3                        | 0.60%                      | 1023.5                       | 4,00%                      | 5365.1                        | 0.00%  | 0.0                 | 9.00%   | 0.0                   | 0.00%                       | 0.0                     | 0.00%                       | 0.0                        | 0.00%           | 0.0      | 0,00%       | 0.0       | 1 1  |
| talyst  | V96V21                                  | 1855   |                 | 60.40%         | 72256.7              | 0.00%                      | 0.0                           | 0.00%  | 0.0                            | 0.00%                      | 0.0                          | 0.00%                      | 0.0                           | 0.00%  | 0.0                 |   | 0.0                   | 3,00%                       | 0.0                     | 0.00%                       | 0.0                        | 0.00%           | 0,0      | 0.00%       | 0.0       | 57   |
| rsol  | A-2360                                  | 1250   | 6.01            | 59.30%         | 7861.1               | 0.00%                      | 0.0                           | 0.00%  | 0.0                            | 0.00%                      | 0.0                          | 0.00%                      | 9.0                           | 0.00%  | 0.0                 | 0.00%   | 0.0                   | 0.00%                       | 0.0                     | 0.00%                       | 0.0                        | 0.60%           | 0.0      | 0.00%       | 0.0       | 1    |
| rk Stan   | \$64XXN10070                            |        | 6.03            | 90.00%         | 7796.3               | 16,00%                     | 1306.0                        | 15.00%   | 1299.4                         | 4.00%                      | 348.5                        | 5.00%                      | 433.1                         | 0.00%  |                     | 0.00%   | 9.0                   | 2.00%                       | 295.1                   | 0.00%                       | 0.0                        | -0.00%          | 0.0      | 0.00%       | 0.0       | 1 2  |
| edum Stain  | \$64XXN10619                            | 885    | 7.A2            | 76.60%         | 5000,1               | 1.00%                      | 65.7                          | 0.00%  | 0.0                            | 0.10%                      | 6.6                          | 0.00%                      | 0.0                           |  | 0.0                 | 0.00%   | 0,0                   | 6.00%                       | 0.0                     | 0.00%                       | 0.0                        | 0.00%           | 0.0      | 0.00%       | 0.0       | 1 3  |
| andyttix Stain  |   | 525    | 7,43            | 91,90%         | 3554.6               | 1,00%                      | 39.0                          | 0.00%  | 0.0                            | 0.00%                      | 0.0                          | 0.00%                      | 0.0                           | 1,00%  | 65.7                | 2.00%   | 131.3                 | 0.00%                       | 0.0                     | 0.00%                       | 0.0                        | 0.00%           | 0.0      | 0.00%       | 0.0       | 1 3  |
| gmented Conversion Varnish, Java                      | \$64XXN13940                            | 240    | 7,28            | 73.00%         | 1275.5               | 0.00%                      | 0.0                           | 0.00%  | 0.0                            | 0.10%                      | 1.7                          | 0.00%                      |                               | 3,00%  | 117.0               | 6.00%   | 234.0                 | 0,00%                       | 0.0                     | 0.00%                       | 0.0                        | 0.00%           | 0.0      | 0.00%       | 0.0       | 1 5  |
| pino Stain. Stone                                     | H56XXB15768                             | 300    | 7,93            | 65.11%         | 1311,0               | 7.00%                      | 166.5                         | 0.00%  | 8.0                            | 1.00%                      | 23.8                         |                            | 0.0                           | 9.00%  | 0,0                 | 2,00%   | 0.0                   | 0.00%                       | 0.0                     | 0.00%                       | 0.0                        | 0.00%           | 0.0      | 0.00%       | 0.0       | 1    |
| pmented Conversion Varnish, pewter/fog                | \$64XXA15710                            | 30     | 7.21            | 502.66%        | 178.8                | 21.00%                     | 454                           | 0.00%  | 9.0                            | 4.00%                      | 8.7                          | 2.00%                      | 47.5                          | 0.00%  | 0.0                 | 0.00%   | 0.0                   | 0.00%                       | 0.0                     | 0.00%                       | 0.0                        | 0.00%           | 0.0      | 0.00%       | 0.0       | 7    |
| mented Conversion Varnish, Oyster                     | H66XXA15770                             | 3294   | 8.90            | 47,08%         | 13801.9              | 7.00%                      | 2052.2                        | 0.00%  | 0.0                            | 1.00%                      | 290.2                        | 2.00%                      | 0.0                           | 0.00%  | 0.0                 | 0.00%   | 8.0                   | 0.00%                       | 0.0                     | 0.00%                       | 0.0                        | 0.00%           | 0.0      | 0.00%       | 0.0       | 1    |
| er-Wood Wiping Stain, Koch Spice                      | M66XXA15259                             | 4674   | 8.85            | 47,34%         | 19554,1              | 8,00%                      | 3309.2                        | 0.00%  | 0.0                            | 1,00%                      | 413.6                        |                            | 586.3                         | 2,50%  | 9,0                 | 0.00%   | 0.0                   | 0.00%                       | 0.0                     | 0.00%                       | 0.0                        | 0.60%           | 0.0      | 0.00%       | 0.0       | 20   |
| rsol A-5255   | S64XXN14053-4343                        | 1500   | 6.64            | 65,42%         | 6555.0               | 0.00%                      | 0.0                           | 0.00%  | 0.0                            | 0.10%                      |                              | 2.00%                      | 827.3                         | 0.00%  | 0.0                 | 0.00%   | 0.0                   | 0.00%                       | 0.0                     | 0.00%                       | 0.0                        | 6.00%           | 0.0      | 0.00%       | 0.0       |      |
| er-Wood Pigmented Conversion Varnish, Taupe           | A-5255                                  | 5596   | 6.92            | 99.60%         | 38570.9              | 0.00%                      | 0.0                           | 0.00%  | 1.5                            | 0.00%                      | 10,0                         | 0.00%                      | 0.0                           | 0.00%  | 0.0                 | 0.00%   | 0.0                   | 0.00%                       | 0.6                     | 0.00%                       | 0.0                        | 0.00%           | 0.0      | 0.00%       | 6.0       | 45   |
| er-Wood SB Stain, Koch Onflwood                       | H66XXN16155-4343                        | 930    | 5.34            | 88,00%         | 6825.5               | 7.50%                      | 581.7                         | 0.00%  | 0.0                            |                            | 0.0                          | 0.48%                      | 185.9                         | 0.00%  | 0.0                 | 0.00%   | 0.0                   | 0.00%                       | 0.0                     | 0.00%                       | 0.0                        | 0.00%           | 0.0      | 0.00%       |           | 1    |
| ser-Wood Plamented Conversion Varnish, kraftmoid blue | S64SBN18222-4343                        | 120    | 0.92            | 75:00%         | 802.6                | 0.00%                      | 0.0                           | 0.00%  | 0.0                            | 1.50%                      | 110,3                        | 2.55%                      | 193.9                         | 20.00%                                       | 1551,2              | 0.00%   | 0.0                   | 0.00%                       | 0.0                     | 0.10%                       | 6.0                        | 0.00%           | 5.0      | 0.00%       | 0.0       | - 18 |
| ss-Wood Plemented Convertion Vamish, kraftmaid blue   | H86XXL16562-4343                        | 2445   | 6.09            | #3.00%         | 12451.1              | 5,47%                      | 1279.7                        | 0.00%  | 0.0                            | 0.00%                      | 0.0                          | 0.00%                      | 0.0                           | 0.00%  | 0.0                 | 3.50%   | 37.5                  | 0.00%                       | 0.0                     | 0.00%                       | 0.0                        | 0.00%           | 0.0      |             | 0.0       | 24   |
| er-Wood Pigmented Conversion Vameri, Norv             | H66XXW 1689B-5232                       | 2067   | 8,88            | 27,70%         | 87553                | 8.00%                      | 1468.4                        | 0.00%  |                                | 1,12%                      | 221.5                        | 2.34%                      | 442.0                         | 0.31%  | 61.3                | 6,00%   | 0.0                   | 0.00%                       | 0.0                     | 0.10%                       | 7.0                        | 0.00%           | 0.0      | 0.00%       | 0.0       | 3    |
| er-Wood SB Stain, Kech Dnitwood 05/11/18              | S64SBN17066-5232                        | 405    | 8.33            | 06.30%         | 2236.7               | 2.00%                      | 67.5                          | 0.00%  | 0.0                            | 1.00%                      | 163.5                        | 2.00%                      | .367,1                        | 0.15%  | 27.5                | 9.00%   | 0.0                   | 4700.0                      | 0.0                     | 0.05%                       | 2.1                        | 0.00%           |          | 0.00%       | 0.0       | 20   |
| er-Wood 5B Stain, Koch Stone 05/11/18                 | S618BA17065-5232                        | 1020   | 7.92            | 73,10%         | 5905.3               | 2.50%                      | 161.6                         |  | 8.5                            | 0.00%                      | 0.0                          | 0.00%                      | 0.0                           | 2.00%  | 101.2               | 0.00%   | 0.0                   | 0.00%                       | 0.0                     | 0.00%                       | 0.0                        | 0.00%           | 5.0      | 0.00%       | 0.0       | - 20 |
| e-Reduced Catalyst, KOCH REDUCED CATALYST             | V66XXV15749-5232                        | 150    | 7.04            | 85.50%         | 902.9                | 0.00%                      |                               | 0.00%  | 0.0                            | 0.00%                      | 0.0                          | 0.00%                      | 0.0                           | 3.00%  | 242.4               | 0.60%   | 45.5                  | 0.00%                       | 0.0                     | 0.00%                       |                            |                 | 0.0      | 0.00%       | 0.0       | 1    |
| thyl Amyl Ketone (MAK)                                | R6K30                                   | 625    | 6.76            | 100,00%        | 4225.0               | 0.00%                      | 0,0                           | 0.00%  | 0.0                            | 0.02%                      | 0.0                          | 0.00%                      | 0.0                           | 0,00%  | 0.0                 | 0.00%   | 0.0                   | 0.90%                       | W.6                     | 0.00%                       | 0.0                        | 0.00%           | 0.0      | 0.00%       | 0.0       | 45   |
| Butyl Acetote   | 123-56-4                                | 2500   | 7.30            | 100,00%        | 18329.2              |                            | 0.0                           | 0.00%  | 0.0                            | 0.00%                      | 0.0                          | 0.00%                      | 0.0                           | 9,00%  | 0.0                 | 0.00%   | 0.0                   | 0.00%                       | 0.0                     |                             | 0.0                        | 0.00%           | 0.0      | 0.00%       | 0.0       | -    |
| r-Wood Pigmented Conversion Varnish, Mediterranean    | H66XXL17402-4343                        | 250    | 8.26            | 51.50%         | 1056.7               | 0.00%                      | 0.8                           | 0.00%  | 0.0                            | 0.00%                      | 0.0                          | 0,00%                      | 0.0                           | 0.00%  | 0.0                 | 0.00%   | 0.0                   | 0.00%                       | 0.0                     | 0.00%                       | 0.0                        | 0.00%           | 0,0      | 0.00%       | 0.0       | _ 0  |
| M-Wood Dve Stain, Frontier Dvo                        | \$61XXN15910-4343                       | 500    | 5.67            | 40.20%         | 1340.7               | 7,00%                      | 144.9                         | 0.00%  | 0.0                            | 1.00%                      | 29,7                         | 2.00%                      | 414                           | 0.30%  | 6.7                 | 9.00%   | 0.0                   | 0.00%                       | 0.0                     |                             | 0.0                        | 0.00%           | 0.0      | 0.00%       | 0.0       | 10   |
| er-Wood Pigmented Conversion Varnish, Dusk            | H66XXA17618-4343                        | 1125   | 6.88            | 47.50%         |                      | 0.00%                      | 0.0                           | 12,00%   | 400.2                          | 0.00%                      | 0.0                          | 6.00%                      | 200,1                         | 0.00%  | 0.0                 | 0.00%   | 0.0                   | 0.00%                       |                         | 0.00%                       | 0.0                        | 0,00%           | 0.0      | 0.00%       | 0,0       | 25   |
| ANNUAL TOTAL (bs)                                     | T/2000000000000000000000000000000000000 | 97596  | 708             | 40.50%         | 4748.9               | 7.00%                      | 699.3                         | 0.00%  | 0.0                            | 1.00%                      | 99.9                         | 2.00%                      | 190.8                         | 0.20%  | 29.8                | 0.00%   | 0.0                   | 0.00%                       | 0.0                     | 9.00%                       | 0.0                        | 0.20%           | 6.7      | 0.00%       | 0.0       | - 60 |
| ANNUAL TOTAL ((ons)                                   |   | 24300  |                 | MENTAL SECTION | 480000.0             | 100                        | 36140.0                       | ESPARACE.  | 48115,1                        | C2000000                   | 5173.0                       | 2150                       | 14405.8                       | V-12-50-00-00-00-00-00-00-00-00-00-00-00-00- | 2219.7              | - T- 100 | 505.49                |                             | 0.0                     | 0.00%                       |                            | 0.00%           | 0.0      | 0.00%       | 0.0       | 10   |
| HOURLY TOTAL (LBS)*                                   | and the second second                   |        |                 | C. W. (281)    | 240.00               | - 5-00                     | 18,07                         | Jane 1   | 24.00                          | 1007                       | 2.59                         | A17.6773                   | 7.20                          |  | 1.11                | MARKET  |                       | -                           | 274,64                  | 77/27/75                    | 15.95                      | 151.73          | 5,67     |             | 0.00      | 1068 |
|   | COMPAND ROUGHNIES                       |        | F-75/50/01000 N | LEGISLOTHY, NO | 54.79                | Transport of the Park      | 4.13                          | ACCRECATE VALUE OF THE PARTY OF | 5.49                           | -                          | 0.59                         |                            | 1.68                          |  | 0.25                |   | 0.25                  | LURY DUTTE                  | 0.14                    | 10/07/07                    | 7.07E-03                   |                 | 3.346-03 | 2007        | 0.006+00  | 53   |

### KOCH TENN., INC. Product Specifications Emission Source 32-0309-02

| Product Name   | Product No.                           | Density      | VOC              | Voc          | Xylene         | Xylene                | Tolumber | Toluene              | Ethyl<br>Benzene | Ethyl               | Melhanol | Melhand  | Camtee    | Dimen    | Northiton | Nambalan               | Methyt             | Mathyt               | Formutation | d Formuláshy. |         |                      |                 |                   |
|--|---------------------------------------|--------------|------------------|--------------|----------------|-----------------------|----------|----------------------|------------------|---------------------|----------|----------|-----------|----------|-----------|------------------------|--------------------|----------------------|-------------|---------------|---------|----------------------|-----------------|-------------------|
|  | Disability of                         | (lb/gal)     | (%)              | (lb/gal)     | 1330-20-7 (%)  | 1330-20-7<br>(lb/gal) | 108-88-3 | 108-88-3<br>(lb/gaf) | 100-41-4         | Benzene<br>100-41-4 | 67-56-1  | 67-56-1  | 98-82-8   | 98-82-8  | 01-20-3   | Naphthalane<br>91-20-3 | Isobutyl<br>Ketone | Isoautyl .<br>Ketone |             |               | Chromum | Chromium             | Cobatt          | Coball            |
| Golden Hickory Stain   | S64XXN10154                           | 7.25         | 80.90%           |              |                |                       |          | lindini              | (%)              | m/gan               | (%)      | (lb/gat) | 1%)       | (lb/gal) | (%)       | (lb/gal)               | 108-10-1           | 108-10-1             | 50-00-0     | 50-00-0       | (%)     | Compound<br>(lb/gal) | Compound<br>(%) | Compay<br>lib/qui |
| Mocha Stain  | \$64XXN14023                          | 7.37         | 68.00%           | 5.87         | 0.00%          | 0.07                  | 0.00%    | 0.00                 | 0.10%            | 0.61                | 0.00%    | 0.00     | 1.00%     | 0.07     | 2.00%     | 0.15                   | 0.00%              | 0.00                 | 0.00%       | 1. 1. 1. 1.   |         |                      |                 | - gorga           |
| Java Stain   | \$64XXN14666                          | 6.37         | 96.90%           | B.17         | 0.00%          | 0.00                  | 0.00%    | 0.00                 | 0.10%            | 0.01                | 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              |
| Cordovan Stain   | S64R15                                | 7.10         | 76.10%           | 5,40         | 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          | 0.00%   | 0.00                 | 0.00%           | 0.00              |
| Van Dyke Brown Glaze<br>Brown Glaze  | S86N11                                | 7.72         | 62.90%           | 4.86         | 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          | 0.00%   | 0.00                 | 0.00%           | 0.00              |
| Black Dye  | \$66XXXN13605                         | 8.80         | 51.90%           | 4,57         | 0.00%          | 0.00                  | 0.00%    | 0.00                 | 0.10%            | 0.01                | 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              |
| Brown Dye  | S61XXN13947<br>S61XXN14183            | 6.73         | 41.60%           | 2.80         | 0.00%          | 0.00                  | 11.00%   | 0.74                 | 0.00%            | 0.00                | 5.00%    | 0.34     | 0.00%     | 0.00     | 0.00%     | 0.00                   | 0.00%              | 0.00                 | 0.00%       | 0.00          | 0.00%   | 0.00                 | 0.00%           | 0.00              |
| Purple Dye   | S61XXR14183                           | 6.64         | 40.40%           | 2,68         | 0.00%          | 0.00                  | 12.00%   | 0.80                 | 0.00%            | 0.00                | 6.00%    | 0.40     | 0.00%     | 0.00     | 0.00%     | 0.00                   | 0.00%              | 0.00                 | 0.00%       | 0,00          | 0.00%   | 0.00                 | 0:00%           | 0.00              |
| Cranbeny Varnish   | H66XXR14509                           | 8.35         | 46,70%           | 3.90         | 0.00%          | 0.00                  | 12.00%   | 0.80                 | 0.00%            | 0.00                | 6.00%    | 0.40     | 0.00%     | 0.00     | 0,00%     | 0.00                   | 0.00%              | 0.00                 | 0.00%       | 0,00          | 0,00%   | 0,00                 | 0.00%           | 0,00              |
| Olive Varnish  | H66XXG13410                           | 8.65         | 49,10%           | 4.25         | 2,00%<br>8,00% | 0.17                  | 0.00%    | 0.00                 | 3.00%            | 0.25                | 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              |
| White Varnish  | H66XXW13411                           | 8.54         | 52.50%           | 6,67         | 8,00%          | 0.69                  | 0.00%    | 0.00                 | 1.00%            | 0.09                | 2.00%    | 0.17     | 0.00%     | 0,00     | 0.00%     | 0.00                   | 0.00%              | 0.00                 | 0.00%       | 0.00          | 0.00%   | 0.00                 | 0.00%           | 0.00              |
| Pearl Varnish<br>Antique White Varnish   | H66XXW14433                           | 8.85         | 47,40%           | 6.51         | 8.00%          | 0.71                  | 0.00%    | 0.00                 | 1.00%            | 0.09                | 2.00%    | 0,18     | 0.00%     | 0.00     | 0.00%     | 0,00                   | 0.00%              | 0.00                 | 0.00%       | 0.00          | 0.00%   | 0.00                 | 0.00%           | 0.00              |
| Black Varnish  | H66XXH13073                           | 8,85         | 47,40%           | 4.61         | 8.00%          | 0.71                  | 0.00%    | 0.00                 | 1.00%            | 0.09                | 2.00%    | 0.18     | 0.00%     | 0.00     | 0.00%     | 0.00                   | 0.00%              | 0.00                 | 0.00%       | 0.00          | 0.00%   | 0.00                 | 0.00%           | 0.00              |
| Laquer Thinner   | H66B22                                | 8.12         | 52.00%           | 6.62         | 9.00%          | 0.73                  | 0.00%    | 0.00                 | 2.00%            | 0.16                | 2.00%    | 0,18     | 0.00%     | 0,00     | 0.00%     | 0,00                   | 0,00%              | 0.00                 | 0.00%       | 0.00          | 0.00%   | 0.00                 | 0.00%           | 0.00              |
| Varnish  | K119-SW                               | 6,64         | 79.10%           | 0,33         | 5.00%          | 0.33                  | 33.00%   | 2.19                 | 0.80%            | 0.05                | 4.00%    | 0.10     | 0.00%     | 0.00     | 0.00%     | 0.00                   | 0.00%              | 0.00                 | 0.00%       | 0.00          | 0.00%   | 0,00                 | 0.00%           | 0.00              |
| Catalyst   | V84FL0027-27<br>V66V21                | 7,48         | 60.40%           | 4.52         | 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          | 0.00%   | 0.00                 | 0.00%           | 0.00              |
| Barsol   | V66V21<br>A-2360                      | 8.01         | 59.30%           | 4.75         | 0.00%          | 0.00                  | 0.00%    | 0.00                 | 0.00%            | 0.00                | 0.00%    | 0.00     | 0.00%     | 0.00     | 0.00%     | 0.00                   | 2.00%              | 0.00                 | 0.00%       | 0.00          | 0.00%   | 0.00                 | 0.00%           | 0.00              |
| Dark Stain   | S64XXN10070                           | 6.93         | 90.00%           | 6.24         | 16.00%         | 1.11                  | 15.00%   | 1.04                 | 4.00%            | 0.28                | 5.00%    | 0.35     | 0.00%     | 0.00     | 0.00%     | 0.00                   | 0.00%              | 0.16                 | 0.00%       | 0.00          | 0.00%   | 0.00                 | 0.00%           | 0.00              |
| Cirnamon Stain   | S64XXN10619                           | 7.42         | 75.30%           | 5.68         | 1.00%          | 0.07                  | 0.00%    | 0.00                 | 0.10%            | 0.01                | 0.00%    | 0,00     | 1.00%     | 0.07     | 2.00%     | 0.15                   | 0.00%              | 0.00                 | 0.00%       | 0.00          | 0.00%   | 5.00                 | 0.00%           | 0.00              |
| Medium Stain   | S64XXN10619                           | 7.43         | 91.90%           | 6.83         | 1.60%          | 0.15                  | 0.00%    | 0.00                 | 0.10%            | 0.01                | 0.00%    | 0.00     | 2.00%     | 0.15     | 1.00%     | 0.07                   | 0.00%              | 0.00                 | 0.00%       | 0.00          | 0.00%   | 0.00                 | 0.00%           | 0.00              |
| Brandymix Stain  | S64XXN13940                           | 7,28         | 73.00%           | 5.31         | 0.00%          | 0.07                  | 0.00%    | 0.00                 | 0.00%            | 0.00                | 0.00%    | 0.00     | 3.00%     | 0.22     | 8.00%     | 0.45                   | 0.00%              | 0.00                 | 0.00%       | 0.00          | 0.00%   | 0.00                 | 0.00%           | 0.00              |
| Autumn Stain   | S64XXN11113                           | 7.20         | 85.00%           | 6.12         | 3,00%          | 0.00                  | 0.00%    | 0.00                 | 0.10%            | 0.01                | 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              |
| Pigmented Conversion Varnish, Java   | H68XXB15768                           | 7.93         | 55,11%           | 4.37         | 7.00%          | 0.56                  | 0.00%    | 0.00                 | 1,00%            | 0.07                | 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              |
| Wiping Stain, Stone  | S64XXA15710                           | 7,21         | 82.68%           | 5.96         | 21,06%         | 1.51                  | 0.00%    | 0.00                 | 4.00%            | 0.08                | 2.00%    | 0.16     | 0.00%     | 0.00     | 0.00%     | 0.00                   | 0.00%              | 0.00                 | 0.00%       | 0.00          | 0.00%   | 0.00                 | 0.00%           | 0.00              |
| Pigmented Conversion Varnish, powter/fog   | H68XXA15770                           | 8,90         | 47.08%           | 4.19         | 7.00%          | 0.62                  | 0.00%    | 0.00                 | 1.00%            | 0.29                | 2.00%    | 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              |
| Pigmented Conversion Varnish, Oyster<br>Sher-Wood Pigmented Conversion Varnish, Koch's Cocca | H65XXA15259                           | 8.85         | 47,34%           | 4_19         | 6.00%          | 0.71                  | 0.00%    | 0.00                 | 1.00%            | 0.09                | 2.00%    | 0.18     | 0.00%     | 0,00     | 0.00%     | 0.00                   | 0.00%              | 0.00                 | 0.00%       | 0.00          | 0.00%   | 0.00                 | 0.00%           | 0.00              |
| Sher-Wood Wiging Stain, Koch Spice   | H66XXB15768-4343                      | 7.93         | 55.11%           | 4.37         | 7.00%          | 0.56                  | 0.00%    | 0.00                 | 1.00%            | 0.08                | 2.00%    | 0.16     | 0.00%     | 0.00     | 0.00%     | 0.00                   | 0.00%              | 0.00                 | 0.00%       | 0.00          | 0.00%   | 0.00                 | 0.00%           | 0.00              |
| Barsol A-6255  | S64XXN14053-4343                      | 6,68         | 65,42%           | 5.72         | 0.00%          | 0.00                  | 0.00%    | 0.00                 | 0.10%            | 0.01                | 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              |
| Sher-Wood Pigmented Conversion Varnish, Taupe  | A-5255<br>H66XXN16155-4343            | 6.92         | 99.60%           | 6.89         | 0.00%          | 0.00                  | 0.004%   | 0.00                 | 0.00%            | 0.00                | 0.48%    | 0.03     | 0.00%     | 0.00     | 0.00%     | 0.00                   | 0.00%              | 0.00                 | 0.00%       | 0.00          | 0.00%   | 0,00                 | 0.00%           | 0.00              |
| Sher-Wood SB Stain, Koch Driftwood   | S64SBN16222-4343                      | 8.34<br>8.92 | 88.00%<br>75.00% | 7.34<br>6.69 | 7.50%          | 0,63                  | 0,00%    | 0.00                 | 1.50%            | 0.13                | 2.50%    | 0.21     | 20.00%    | 1.67     | 0.00%     | 0.00                   | 0.00%              | 0.00                 | 0.10%       | 0.00          | 0.00%   | 0.00                 | 0.00%           | 0.00              |
| Sher-Wood Pigmented Conversion Varnish, kraftmaid blue                                       | H66XXL16562-4343                      | 8.09         | 63.00%           | 5.10         | 0.00%          | 0.00                  | 0.00%    | 0,00                 | 0.00%            | 0.00                | 0.00%    | 0.00     | 0.00%     | 0.00     | 3.50%     | 0.31                   | 0.00%              | 0.00                 | 0.00%       | 0.00          | 0.00%   | 0.00                 | 0.00%           | 0.00              |
| Sher-Wood SB Stain, Mecha  | S64SBN16140-5232                      | 7.14         | 78.90%           | 5.63         | 6,00%          | 0.43                  | 0.00%    | 0.00                 | 1.12%            | 0.09                | 2.34%    | 0.19     | 0.31%     | 0.03     | 0.00%     | 0.00                   | 0.00%              | 0.00                 | 0.10%       | 0.01          | 0.00%   | 0.00                 | 0.00%           | 0,00              |
| Sher-Wood Pigmented Conversion Varnish, Ivory  | H66XXW16899-5232                      | 8.88         | 47.70%           | 4.24         | 8.00%          | 0.71                  | 0.00%    | 0.00                 | 1,00%            | 0.07                | 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              |
| Sher-Wood S8 Stain, Kech Driftwood 05/11/18  | S64SBN17066-5232                      | 8.33         | 66.30%           | 5.52         | 2.00%          | 0.17                  | 0.00%    | 0.00                 | 0.00%            | 0.09                | 2.00%    | 0.18     | 0.15%     |          | 0.00%     | 0.00                   | 0.00%              | 0.00                 | 0.05%       | 0.00          | 0.00%   | 0.00                 | 0.00%           | 0.00              |
| Sher-Wood SB Stain, Koch Stone 05/11/18  | S61SBA17065-5232                      | 7.92         | 73.10%           | 5.79         | 2.00%          | 0.16                  | 0.00%    | 0.00                 | 0.00%            | 0.00                | 0.00%    | 0.00     | 3.00%     |          | 0.00%     | 0.00                   | 0.00%              | 0.00                 | 0.00%       | 0.00          | 0.00%   | 0.90                 | 0.00%           | 0.00              |
| Pre-Reduced Catalyst, KOCH REDUCED CATALYST Mothyl Amyl Ketone (MAK)                         | V66XXXV15749-5232                     | 7.04         | 85.50%           | 6.02         | 0.00%          | 0.00                  | 0.00%    | 0.00                 | 0.00%            | 0.00                | 0.00%    | 0.00     | 3.00%     |          | 0.60%     | 0.05                   | 0.00%              | 0.00                 | 0.00%       | 0.00          | 0.00%   | 0.00                 | 0.00%           | 0.00              |
| V-Butyl Acetate  | R6K30                                 | 8.76         | 100,00%          | 6.76         | 0.00%          | 0.00                  | 0.00%    | 0.00                 | 0.00%            | 0.00                | 0.00%    | 0.00     | 0.00%     |          | 0.00%     |                        | 0.90%              | 0.06                 | 0.00%       | 0.00          | 0.00%   | 0.00                 | 0.00%           | 0.00              |
| Sher-Wood Pigmented Conversion Varnish, Mediterransan  | 123-86-4                              | 7.33         | 100.00%          | 7,33         | 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%   | 0.00                 | 0.00%           | 0.00              |
| Sher-Wood SB Stain, JKGray (Saverwood)   | H66XXI.17402-4343<br>S64SBA17621-4343 | 8.28         | 51,50%           | 4.26         | 7,00%          | 0.58                  | 0.00%    | 0.00                 | 1.00%            | 88.0                | 2.00%    | 0.17     |           | -        | 0.00%     | 0.00                   | 0.00%              | 0.00                 | 0.00%       | 0.00          | 0.00%   | 0.00                 | 0.00%           | 0.00              |
| Sher-Wood S8 Stain, Stone 50/50 Mix  | S84SCA17649-4343                      | 7,47         | 70.90%           | 5.30         | 0.00%          | 0.00                  | 0.00%    | 0.00                 | 0.00%            | 0.80                | 0.00%    | 0.00     |           |          | 0.00%     |                        | 0.00%              | 0.00                 | 0.00%       | 0.00          | 0.00%   | 0,00                 | 0.00%           | 0.00              |
| her-Wood S8 Stain, Pecan Wipe Stain  | 864SBN17565-4343                      | 6.78         | 75.00%           | 5,62         | 2:00%          | 0.15                  | 0.00%    | 0.00                 | 0,00%            | 0.00                | 0.00%    | 0.00     | 2.00%     |          | 0.00%     |                        | 0.00%              | 0.00                 | 0.00%       | 0.00          | 0.00%   | 0.00                 | 0.00%           | 0.00              |
| her-Wood SB Stain, Sand  | \$64\$8W17253-4343                    |              | 72.80%           | 6.12         | 0.00%          | 0,00                  | 0,00%    | 0.00                 | 0.00%            | 0.00                | 0.00%    | 0.00     | 0.20%     |          | 0,00%     |                        | 0.00%              | 0.00                 | 0.00%       | 0.00          | 0.00%   |                      | 0.00%           | 0.00              |
| Sher-Wood Diye Stain, Frontier Diye  | S61XXX15910-4343                      |              | 40.20%           |              | 0.00%          | 0,00                  | 0.00%    | 0.00                 | 0.00%            | 0.00                | 0.00%    | 0.00     | 0.60%     |          | 0.00%     |                        | 0.00%              | 0.00                 | 0.00%       | 0.00          | 0.00%   |                      | 0.00%           | 0.00              |
| her-Wood SB Stain, Frontier Stain  | S64SBN16772-4343                      |              | 56.20%           | 4.30         | 0.00%          | 0.00                  | 0.00%    | 0.80                 | 0.00%            | 0.00                | 6.00%    | 0.40     |           | 0,00     | 0.00%     | 0.00                   | 0.00%              | 0,00                 | 0.00%       | 0.00          | 0.20%   |                      | 0.00%           | 0.00              |
| Sher-Wood Pigmented Conversion Vernish, Dusk   | H66XXA17618-4343                      |              | 47.50%           | 4.22         | 7.00%          | 0.62                  | 0.00%    | 0.00                 | 1.00%            | 0.01                | 0.00%    | 0.00     | 0.00%     |          | 0.00%     | 0.00                   | 0.00%              | 0.00                 | 0.00%       | 0.00          | 0.00%   |                      | 0.20%           | 0.02              |
| lear Tone Finish Lacquer Matte Aerosol   | 102-0421                              | 6.52         | 90.80%           |              | 0.18%          | 0.01                  | 5.16%    | 0.34                 | 0.05%            | 0.00                | 0.00%    | 0.18     |           |          | 0.00%     |                        | 0.00%              | 0.00                 | 0.00%       | 0,00          | 0.00%   |                      | 0.00%           | 0.00              |
| olored Lacquer Enamel Antique White Aerosol  | 105-3892                              |              | 77.02%           | 5.33         | 0.36%          |                       | 4.79%    | 0.33                 | 0.18%            | 0.01                | 0.00%    | 0.00     |           |          | 0.00%     |                        | 0.00%              | 0.00                 | 0.00%       | 0.00          | 0.00%   |                      | 0.00%           | 0.00              |
| olored Lacquer Enamel Pearl Aerosol<br>olored Lacquer Enamel Black Aerosol                   | 105-3893                              |              | 78.91%           |              | 0.00%          | 0.00                  | 5.56%    | 0.40                 | 0.01%            | 0.00                | 0.00%    | 0.00     |           |          | 0.00%     |                        | 0.00%              | 0.00                 | 0.00%       | 0.00          | 0.00%   | 0.00                 | 0.00%           | 0.00              |
| Glored Lacquer Enamel Fog Acrosol  | 105-3894                              |              | 85.01%           |              | 0.98%          |                       | 5.30%    | 0.34                 | 0.20%            | 0.01                | 0.00%    | 0.00     |           |          | 0.00%     |                        | 0.00%              | 0.00                 | 0.00%       | 0.00          | 0.00%   |                      | 0.00%           | 0.00              |
| olored Lacquer Enamel White Aerosol  | 105-3895<br>105-3896                  |              | B4.53%           |              | 0.00%          |                       | 6.09%    | 0.42                 | 0.01%            | 0.00                | 0.00%    | 0.00     |           |          | 0.00%     |                        | 0.00%              | 0.00                 | 0.00%       | 0.00          | 0.00%   |                      | 0.00%           | 0.00              |
| olored Lacquer Enamel Oyster Aerosol   | 105-3895                              | 6.99<br>7,14 | 81.97%           |              | 0.00%          |                       | 5.28%    | 0.37                 | 0.01%            | 0.00                | 0.00%    | 0.00     |           |          | 0.00%     |                        | 0.11%              | 0.00                 | 0.00%       | 0.00          | 0.00%   |                      | 0.00%           | 0.00              |
| olored Lacquer Enamel Cocoa Aerosol  | 105-4025                              | 6.62         | 88.37%           | 5,67         | 0.00%          |                       | 5,58%    | 0.40                 | 0.01%            | 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              |
| one Finish Toner Stone Aerosol   | 105-4026                              |              | 86.60%           | 5.56         | 1.04%          |                       | 6.36%    | D.42                 | 0:01%            | 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              |
| nish Tonor Java Aerosol  | 105-4027                              |              | 35.60%           | 5.53         | 1.02%          |                       | 5,59%    | 0.36                 | 0.21%            | 0.01                | 0.00%    | 0.00     | 0.00%     | 0.00     | 0,00%     |                        | 0.00%              | 0.00                 | 0.00%       | 0.00          | 0.00%   |                      | 0.00%           | 0.00              |
| olored Lacquer Enamel Taupe Aerosol  | 105-4106                              |              | 78.33%           |              | 0.00%          |                       | 5.42%    | 0.35                 | 0.20%            | 0.01                | 0.00%    | 0.00     |           |          | 0.00%     | 0.00                   | 0.00%              | 0.00                 | 0.00%       | 0.00          | 0,00%   |                      | 0.00%           | 0.00              |
| ner-Wood S8 Stain, Kech Almond   | S64SBN18238-4343                      | 7.24         | 76.20%           |              | 0.00%          | 0.00                  | 0.00%    |                      | 0.01%            | 0.00                | 0.00%    | 0.00     |           |          | 0.00%     |                        | 0.00%              | 0.00                 | 0.00%       | 0.00          | 0.00%   |                      | 0.00%           | 0.00              |
| her-Wood SB Stain, Koch Brandy   | 564S8N16056-4343                      | 7.45         | 40.90%           |              | 0.00%          |                       | 0.00%    |                      | 0.00%            |                     | 0.00%    |          |           |          | 0.00%     |                        | 0.00%              | 0.00                 | 0,00%       | 0.00          | 0.00%   |                      | 0.00%           | 0.00              |
| her-Wood SE Stain, Kech Russet   | S64S8N16239-4343                      |              | 81.30%           |              | 0.00%          |                       | 0.00%    |                      | 0.10%            |                     | 0.00%    |          |           |          | 5.00%     |                        | 0.00%              | 0.00                 | 0,00%       | 0.00          | 0,00%   |                      | 0.00%           | 0.00              |
| ner-Wood SB Stain, hiawatha stone  | 56458A16138-4343                      |              | 75.60%           | 5.43         | 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              |
| 98 Kemvar 80 Conv. Varnish Foxhall Green<br>98 Kemvar 80 Conv. Varnish Smoky Blue            | 104272379 29287135                    |              | 44.10%           | 3,67         | 0.00%          |                       | 0.00%    |                      | 0.90%            |                     | 0.00%    | 2.00     |           |          | 2.00%     |                        | 0.00%              | 0.00                 | 0.00%       | 0.00          | 0.00%   | 0.00                 | 0.00%           | 0.00              |
| och Coffee   | H66WNL18352-794343                    |              | 43,40%           |              | 0.00%          | 0.00                  | 0.00%    |                      | 0.10%            |                     | 0.00%    |          | MINTER OF |          | 0.00%     |                        | 0.00%              | 0.00                 | 0.00%       | 0.00          | 0.00%   |                      | 0.00%           | 0.00              |
| och Pebble   | \$64WXN17522                          |              | 3.30%            |              | 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              |
| addle  | S64WXA17538                           |              | 1,10%            |              | 0.00%          | 0.00                  | 0.00%    | 0.00                 | 0.00%            |                     | 0.00%    |          |           |          | 0.00%     | 4.44                   | 0.00%              | 0.00                 | 0.00%       | 0.00          | 0.03%   |                      |                 | 0.00              |
| och Espresso   | S61XXN17564<br>S84WXN17338            | 8.49         | 0.02%            |              | 0.00%          |                       | 0.00%    | 0.00                 | 0.00%            |                     | 0.00%    |          |           | -        | 0.00%     |                        | 0.00%              | 0.00                 | 0.00%       | 0.00          | 0.00%   |                      |                 | 0.00              |
|  |                                       | 7.23         | 5.70%            | 0.41         | 0.00%          | 0.00                  | 0.00%    | 0.00                 | 0.00%            | 0.00                |          |          |           |          |           |                        |                    |                      |             |               |         | 0.00                 | 0.00%           | 0.00              |