

PUBLIC NOTICE

[Institutional Casework, Inc. \(ICI\)](#) has applied to the Tennessee Air Pollution Control Division (TAPCD) for a renewal to a major source operating permit subject to the provisions of paragraph 1200-03-09-.02(11) of the Tennessee Air Pollution Control Regulations (also frequently referred to as Title V regulations). A major source (Title V) operating permit is required by both the Federal Clean Air Act and the Tennessee Air Pollution Control Regulations.

The applicant is [ICI](#), with a site address of [1865 Highway 641 North, Paris, TN 38242](#). They seek to obtain a renewal to their major source operating permit [560511](#) for their [wood furniture manufacturing plant](#). It should be noted that this facility has a current major source operating permit.

EPA has agreed to treat this draft Part 70 permit modification as a proposed Part 70 permit modification and to perform its 45-day review provided by the law concurrently with the public notice period. If any substantive comments are received, EPA's 45-day review period will cease to be performed concurrently with the public notice period. EPA's 45-day review period will start once the public notice period has been completed and EPA receives notification from the Tennessee Air Pollution Control Division that comments have been received and resolved. Whether EPA's 45-day review period is performed concurrently with the public comment period or after the public comment period has ended, the deadline for citizen's petitions to the EPA Administrator will be determined as if EPA's 45-day review period is performed after the public comment period has ended (*i.e.*, sequentially).

The status regarding EPA's 45-day review of this project and the deadline for submitting a citizen's petition can be found at the following website address: <http://www.epa.gov/region4/air/permits/tennessee.htm>

A copy of the application materials used by the TAPCD and a copy of the draft permit are available for public inspection during normal business hours at the following locations:

A copy of the application materials used by the TAPCD and a copy of the draft permit are available for public inspection during normal business hours at the following locations:

W. G. Rhea Public Library (WGR)
400 West Washington Street
Paris, TN 38242-0456

and

Tennessee Department of Environment and Conservation
Division of Air Pollution Control
William R. Snodgrass Tennessee Tower
312 Rosa L. Parks Avenue, 15th Floor
Nashville, TN 37243

Also, if you require a copy of the draft permit it is available electronically by accessing the TDEC Internet site located at:

<http://www.tn.gov/environment/ppo>

Interested parties are invited to review these materials and comment. In addition, a public hearing may be requested at which written or oral presentations may be made. To be considered, written comments or requests for a public hearing must be made within thirty (30) days of the date of this notice and should be addressed to **Mr. Barry R. Stephens, P.E., Director, Air Pollution Control Division, William R. Snodgrass Tennessee Tower, 312 Rosa L. Parks Avenue, 15th Floor, Nashville, Tennessee 37243**. Questions concerning the source may be addressed to Doug Warden at the same address or by calling (615)-532-0621 or via email at doug.warden@tn.gov. A final determination will be made after weighing all relevant comments.

Individuals with disabilities who wish to review information maintained at the above-mentioned depositories should contact the Tennessee Department of Environment and Conservation to discuss any auxiliary aids or services needed to facilitate such review. Such contact may be in person, by writing, telephone, or other means, and should be made no less than ten days prior to the end of the public comment period to allow time to provide such aid or services. Contact the Tennessee Department of Environment and Conservation ADA Coordinator, William R. Snodgrass Tennessee Tower, 312 Rosa L. Parks Avenue, 2nd Floor, Nashville, TN 37243, 1- (866) 253-5827. Hearing impaired callers may use the Tennessee Relay Service, 1-(800)-848-0298.

For the Henry County *[Paris Post-Intelligencer](#)* -- publish once during the time period of [March 25, 2015 through April 10, 2015](#)

Air Pollution Control

February 26, 2015

Assigned to – Doug Warden

No alterations to the above are allowed:

[Institutional Casework, Inc.](#) must pay to place this advertisement in the newspaper. Air Pollution Control must be furnished with an affidavit from the newspaper stating that the ad was run and the date of the ad or one complete sheet from the newspaper showing this advertisement, the name of the newspaper and the date of publication. Mail to Doug Warden, Air Pollution Control Division, William R. Snodgrass Tennessee Tower, 312 Rosa L. Parks Avenue, 15th Floor, Nashville, TN 37243.

TITLE V PERMIT RENEWAL STATEMENT

Facility Name:	Institutional Casework, Inc.
City:	Paris
County:	Henry

Date Application Received:	October 18, 2013
Date Application Deemed Complete:	Complete as received

Emission Source Reference No.:	40-0033
Permit No.:	567882

INTRODUCTION

This narrative is being provided to assist the reader in understanding the content of the attached Title V operating permit. This Title V Permit Statement is written pursuant to Tennessee Air Pollution Control Rule 1200-03-09-.02(11)(f)1.(v). The primary purpose of the Title V operating permit is to consolidate and identify existing state and federal air requirements applicable to **Institutional Casework, Inc.** and to provide practical methods for determining compliance with these requirements. The following narrative is designed to accompany the Title V Operating Permit. It initially describes the facility receiving the permit, then the applicable requirements and their significance, and finally the compliance status with those applicable requirements. This narrative is intended only as an adjunct for the reviewer and has no legal standing. Any revisions made to the permit in response to comments received during the public participation process will be described in an addendum to this narrative.

Acronyms:

PSD	Prevention of Significant Deterioration
NESHAP	National Emission Standards for Hazardous Air Pollutants
NSPS	New Source Performance Standards
MACT	Maximum Achievable Control Technology
NSR	New Source Review

I. Identification Information.

A. Source Description. This facility consists of:

40-0033-01	Woodworking Operation	This operation is made-up of saws, shapers, drills, routers, planers, molders, sanders and other woodworking equipment, and a closed dust collection system with a cyclone and three baghouses used as control devices for particulate matter. The collected wood waste is conveyed in a closed conveyor system to a covered trailer/truck for off-site disposal. Fugitive emissions occur from the trailer/truck loading.
40-0033-02	Wood Furniture Finishing Operation	This source is regulated by 40 CFR Part 63 Subpart JJ which requires Maximum Achievable Control Technology (MACT). This operation is made-up of five spray booths (spray booth #1 Stain Application, spray booth #2 Sealer Application, spray booth #3 Topcoat Application, spray booth #4 Off-line spray booth & special coatings, and spray booth #5 flat line), one natural gas fired drying oven with input heat capacity of 750,000 BTU per hour. There is no volatile organic compounds (VOC) control device. Particulate matter is controlled by exhaust filters for each spray booth.

B. Facility Classification

1. Attainment or Non-Attainment Area Location

Area *is* designated as an attainment area for all criteria pollutants.

2. Company *is* located in a *Class II area*. This means that the facility is not located within a national park or national wilderness area; see 40 CFR §52.21(e) for complete definition.

C. Regulatory Status

1. PSD/NSR

This facility *is not* a major source under PSD.

2. Title V Major Source Status by Pollutant

Pollutant	Is the pollutant emitted?	Emission Analysis		
		Major Source	Annual Emissions in Tons per Year	
			ERSN 40-0033-01	ERSN 40-0033-02
PM	Yes	No	4.91	22.7
PM ₁₀	Yes	No		
SO ₂	No	N/A		
VOC	Yes	Yes		128.1
NO _x	No	N/A		
CO	No	N/A		
Individual HAP	Yes	Yes		
Total HAPs	Yes	Yes		

3. MACT Standards

This facility *is* a major source for HAPs. This facility *is* subject to a final MACT Standard (40 CFR Part 63 Subpart JJ - National Emission Standards for Wood Furniture Manufacturing Operations).

4. Program Applicability. Are the following programs applicable to the facility?

PSD (*no*)
 NESHAP (*yes*)
 NSPS (*no*)

II. Compliance Information.

- A. Compliance Status.** Is the facility currently in compliance with all applicable requirements? (*yes*)
Are there any applicable requirements that will become effective during the permit term? (*no*)

III. Other Requirements.

- A. Emissions Trading.** The facility is not involved in an emission trading program.
- B. Acid Rain Requirements.** This facility is not subject to any requirements in Title IV of the Clean Air Act.
- C. Prevention of Accidental Releases.** Not Applicable
- D. CAM Requirements.** This facility is not subject to the CAM requirements.

IV. Public Participation Procedures.

- A.** Notification of this draft permit was mailed to the following environmental agencies:

1. EPA
2. Kentucky Department for Environmental Protection

V. Changes since the issuance of T5 permit 547738:

A permit renewal was requested and granted. Title V Operating permit **555045** was issued on May 1, 2002, with expiration date of May 31, 2007. The following changes have taken place since the first Title V renewal.

Operational Flexibility #1 was issued April 14, 2004, for adding a spray booth to emission source 02.

A minor modification (MM1) request was made and granted for the addition of a second wood furniture finishing operations designated as 40-0033-10. The modification was issued July 13, 2005.

An administrative amendment (AA1) was requested and granted for a change in the responsible official. The responsible official changed from Steve Hulsey, Vice-President of Manufacturing to Eric Wallace, Plant Manager. The AA1 was issued October 10, 2005.

An administrative amendment (AA2) was requested for ownership change and change in the responsible official. The facility ownership and name changed from Mohon International Inc. to Institutional Casework, Inc. (ICI). The responsible official changed from Eric Wallace, Plant Manager to Mike Hodge, Director of Human Resources. The AA2 was issued September 21, 2006.

A permit renewal was requested and granted. Title V Operating Permit No. **560511** represents the second renewal to the original Title V Permit No. 547738, which issued July 1, 1999. The first renewal was issued on May 1, 2002. The second renewal was issued on May 1, 2009. It was issued without the second finishing operation. The following changes have taken place since the second Title V renewal.

An administrative amendment (AA1) was requested and granted for typographical corrections for the MACT form used as an addendum to the permit. It was amended on October, 5, 2009.

An operational flexibility was issued on January 11, 2011, for a change to emission source reference number 40-0033-02, the finishing operation. It adds a flat line finishing spray booth.

Title V Operating Permit No. **567882** represents the third renewal to the original Title V Permit No. 547738, which was issued July 1, 1999. The first renewal was May 1, 2002. The second renewal was issued May 1, 2009. This permit is open for public comment during the public notice period of 30 days.

**TENNESSEE AIR POLLUTION CONTROL BOARD
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
NASHVILLE, TENNESSEE 37243-1531**



OPERATING PERMIT (TITLE V) Issued Pursuant to Tennessee Air Quality Act

This permit fulfills the requirements of Title V of the Federal Clean Air Act (42 U.S.C. 7661a-7661e) and the federal regulations promulgated thereunder at 40 CFR Part 70. (FR Vol. 57, No. 140, Tuesday, July 21, 1992 p.32295-32312). This permit is issued in accordance with the provisions of paragraph 1200-03-09-.02(11) of the Tennessee Air Pollution Control Regulations. The permittee has been granted permission to operate an air contaminant source in accordance with emissions limitations and monitoring requirements set forth herein.

Date Issued: TBD

Permit Number: 567882

Date Expires: TDB

Issued To:

Installation Address:

Institutional Casework, Inc.

1865 Highway 641 North
Paris

Installation Description:

Wood Furniture Manufacturing Operation:

MACT Subpart JJ

40-0033-01 Woodworking Operation

40-0033-02 Wood Furniture Finishing Operation

Emission Source Reference No.: 40-0033

Renewal Application Due Date:
TBD

Primary SIC: 25

Information Relied Upon:

Title V renewal application dated October 17, 2013

(continued on the next page)

TECHNICAL SECRETARY

No Authority is Granted by this Permit to Operate, Construct, or Maintain any Installation in Violation of any Law, Statute, Code, Ordinance, Rule, or Regulation of the State of Tennessee or any of its Political Subdivisions.

POST AT INSTALLATION ADDRESS

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SECTION A

GENERAL PERMIT CONDITIONS

A permit issued under the provisions of paragraph 1200-03-09-.02(11) is a permit issued pursuant to the requirements of Title V of the Federal Act and its implementing Federal regulations promulgated at 40 CFR, Part 70.

A1. Definitions. Terms not otherwise defined in the permit shall have the meaning assigned to such terms in the referenced regulation.

TAPCR 1200-03

A2. Compliance requirement. All terms and conditions in a permit issued pursuant to paragraph 1200-03-09-.02(11) including any provisions designed to limit a source's potential to emit, are enforceable by the Administrator and citizens under the Federal Act.

The permittee shall comply with all conditions of its permit. Except for requirements specifically designated herein as not being federally enforceable (State Only), non-compliance with the permit requirements is a violation of the Federal Act and the Tennessee Air Quality Act and is grounds for enforcement action; for a permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application. Non-compliance with permit conditions specifically designated herein as not being federally enforceable (State Only) is a violation of the Tennessee Air Quality Act and may be grounds for these actions.

TAPCR 1200-03-09-.02(11)(e)2(i) and 1200-03-09-.02(11)(e)1(vi)(I)

A3. Need to halt or reduce activity. The need to halt or reduce activity is not a defense for noncompliance. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of the permit. However, nothing in this item shall be construed as precluding consideration of a need to halt or reduce activity as a mitigating factor in assessing penalties for noncompliance if the health, safety or environmental impacts of halting or reducing operations would be more serious than the impacts of continuing operations.

TAPCR 1200-03-09-.02(11)(e)1(vi)(II)

A4. The permit. The permit may be modified, revoked, reopened, and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition.

TAPCR 1200-03-09-.02(11)(e)1(vi)(III)

A5. Property rights. The permit does not convey any property rights of any sort, or any exclusive privilege.

TAPCR 1200-03-09-.02(11)(e)1(vi)(IV)

A6. Submittal of requested information. The permittee shall furnish to the Technical Secretary, within a reasonable time, any information that the Technical Secretary may request in writing to determine whether cause exists for modifying, revoking and reissuing, or termination of the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the Technical Secretary copies of records required to be kept by the permit. If the permittee claims that such information is confidential, the Technical Secretary may review that claim and hold the information in protected status until such time that the Board can hear any contested proceedings regarding confidentiality disputes. If the information is desired by EPA, the permittee may mail the information directly to EPA. Any claims of confidentiality for federal purposes will be determined by EPA.

TAPCR 1200-03-09-.02(11)(e)1(vi)(V)

- A7. Severability clause.** The requirements of this permit are severable. A dispute regarding one or more requirements of this permit does not invalidate or otherwise excuse the permittee from their duty to comply with the remaining portion of the permit.

TAPCR 1200-03-09.02(11)(e)1(v)

A8. Fee payment.

(a) The permittee shall pay an annual major source emission fee based upon the responsible official's choice of actual emissions or allowable emissions. An emission cap of 4,000 tons per year per regulated pollutant per major source SIC Code shall apply to actual or allowable based emission fees. A major source annual emission fee will not be charged for emissions in excess of the cap (s) or for carbon monoxide.

(b) Major sources who have filed a timely, complete operating permit application in accordance with 1200-03-09-.02(11), shall pay allowable emission based fees until the beginning of the next annual accounting period following receipt of their major source operating permit. At that time, the permittee shall begin paying their annual emission fee based upon their choice of actual or allowable based fees, or mixed actual and allowable based fees as stated under SECTION E of this permit. Once permitted, altering the existing choice shall be accomplished by a written request of the major source, filed in the office of the Technical Secretary at least one hundred eighty days prior to the expiration or reissuance of the major source operating permit.

(c) Major sources must conform to the following requirements with respect to fee payments:

1. If a major source choosing an allowable based annual emission fee wishes to restructure its allowable emissions for the purposes of lowering its annual emission fees, a mutually agreed upon, more restrictive regulatory requirement may be established to minimize the allowable emissions and thus the annual emission fee. The more restrictive requirement must be specified on the permit, and must include the method used to determine compliance with the limitation. The documentation procedure to be followed by the major source must also be included to insure that the limit is not exceeded. Restructuring the allowable emissions is permissible only in the annual accounting periods of eligibility and only, if the written request for restructuring is filed with the Technical Secretary at least 120 days prior to the beginning of the annual accounting period of eligibility. These periods of eligibility occur upon expiration of the initial major source operating permit, renewal of an expired major source operating permit or reissuance of a major source operating permit.

2. Major sources paying on allowable based emission fees will be billed by the Division no later than April 1 prior to the end of the accounting period. The major source annual emission fee is due July 1 following the end of the accounting period.

3. Major sources choosing an actual based annual emission fee shall file an actual emissions analysis with the Technical Secretary which summarizes the actual emissions of all regulated pollutants at the air contaminant sources of their facility. Based upon the actual emissions analysis, the source shall calculate the fee due and submit the payment and the analysis each July 1st following the end of the annual accounting period.

4. Major sources choosing a mixture of allowable and actual based emission fees shall file an actual emissions and allowable emissions analysis with the Technical Secretary which summarizes the actual and allowable emissions of all regulated pollutants at the air contaminant sources of their facility. Based upon the analysis, the source shall calculate the fee due and submit the payment and the analysis each July 1st following the end of the annual accounting period.

The mixed based fee shall be calculated utilizing the 4,000 ton cap specified in subparagraph 1200-03-26-.02(2)(i). In determining the tonnages to be applied toward the regulated pollutant 4,000 ton cap in a mixed based fee, the source shall first calculate the actual emission based fees for a regulated pollutant and apply that tonnage toward the regulated pollutant's cap. The remaining tonnage available in the 4,000 ton category of a regulated pollutant shall be subject to allowable emission based fee calculations for the sources that were not included in the actual emission based fee calculations. Once the 4,000 ton cap has been reached for a regulated pollutant, no additional fee shall be required.

5. Major sources choosing to pay their major source annual emission fee based on actual based emissions or a mixture of allowable and actual based emissions may request an extension of time to file their emissions analysis with the Technical Secretary. The extension may be granted by the Technical Secretary up to ninety (90) days. The request for extension must be postmarked no later than July 1 or the request for extension shall be denied. The request for extension to file must state the reason and give an adequate explanation.

An estimated annual emission fee payment of no less than eighty percent (80%) of the fee due July 1 must accompany the request for extension to avoid penalties and interest on the underpayment of the annual emission fee. A remaining balance due must accompany the emission analysis. If there has been an overpayment, a refund may be requested in writing to the Division or be applied as a credit toward next year's major source annual emission fee. The request for extension of time is not available to major sources choosing to pay their major source annual emission fee based on allowable emissions.

6. Newly constructed major sources or minor existing sources modifying their operations such that they become a major source in the midst of the standard July 1st to June 30th annual accounting period, shall pay allowable based annual emission fees for the fractional remainder of the annual accounting period commencing upon their start-up. At the beginning of the next annual accounting period, the "responsible official" of the source may choose to pay annual emission fees based on actual or allowable emissions or a mixture of the two as provided for in this rule 1200-03-26-.02.

(d) Where more than one (1) allowable emission limit is applicable to a regulated pollutant, the allowable emissions for the regulated pollutants shall not be double counted. Major sources subject to the provisions of paragraph 1200-03-26-.02(9) shall apportion their emissions as follows to ensure that their fees are not double counted.

1. Sources that are subject to federally promulgated hazardous air pollutant standards that can be imposed under Chapter 1200-03-11 or Chapter 1200-03-31 will place such regulated emissions in the specific hazardous air pollutant under regulation. If the pollutant is also in the family of volatile organic compounds or the family of particulates, the pollutant shall not be placed in that respective family category.

2. A miscellaneous category of hazardous air pollutants shall be used for hazardous air pollutants listed at part 1200-03-26-.02(2)(i)12 that do not have an allowable emission standard. A pollutant placed in this category shall not be subject to being placed in any other category such as volatile organic compounds or particulates.

3. Each individual hazardous air pollutant and the miscellaneous category of hazardous air pollutants is subject to the 4,000 ton cap provisions of subparagraph 1200-03-26-.02(2)(i).

4. Major sources that wish to pay annual emission fees for PM₁₀ on an allowable emission basis may do so if they have a specific PM₁₀ allowable emission standard. If a major source has a total particulate emission standard, but wishes to pay annual emission fees on an actual PM₁₀ emission basis, it may do so if the PM₁₀ actual emission levels are proven to the satisfaction of the Technical Secretary. The method to demonstrate the actual PM₁₀ emission levels must be made as part of the source's major source operating permit in advance in order to exercise this option. The PM₁₀ emissions reported under these options shall not be subject to fees under the family of particulate emissions. The 4,000 ton cap provisions of subparagraph 1200-03-26-.02(2)(i) shall also apply to PM₁₀ emissions.

TAPCR 1200-03-26-.02 (3) and (9) and 1200-03-09-.02(11)(e)1(vii)

A9. Permit revision not required. A permit revision will not be required under any approved economic incentives, marketable permits, emissions trading and other similar programs or process for changes that are provided for in the permit.

TAPCR 1200-03-09-.02(11)(e)1(viii)

A10. Inspection and entry. Upon presentation of credentials and other documents as may be required by law, the permittee shall allow the Technical Secretary or his authorized representative to perform the following for the purposes of determining compliance with the permit applicable requirements:

(a) Enter upon, at reasonable times, the permittee's premises where a source is located or emissions-related activity is conducted, or where records must be kept under the conditions of the permit;

(b) Have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit;

(c) Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit; and

(d) As authorized by the Clean Air Act and Chapter 1200-03-10 of TAPCR, sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit or applicable requirements.

(e) "Reasonable times" shall be considered to be customary business hours unless reasonable cause exists to suspect noncompliance with the Act, Division 1200-03 or any permit issued pursuant thereto and the Technical Secretary specifically authorizes an inspector to inspect a facility at any other time.

TAPCR 1200-03-09-.02(11)(e)3.(ii)

A11. Permit shield.

(a) Compliance with the conditions of this permit shall be deemed compliance with all applicable requirements as of the date of permit issuance, provided that:

1. Such applicable requirements are included and are specifically identified in the permit; or

2. The Technical Secretary, in acting on the permit application or revision, determines in writing that other requirements specifically identified are not applicable to the source, and the permit includes the determination or a concise summary thereof.
- (b) Nothing in this permit shall alter or affect the following:
1. The provisions of section 303 of the Federal Act (emergency orders), including the authority of the Administrator under that section. Similarly, the provisions of T.C.A. §68-201-109 (emergency orders) including the authority of the Governor under the section;
 2. The liability of an owner or operator of a source for any violation of applicable requirements prior to or at the time of permit issuance;
 3. The applicable requirements of the acid rain program, consistent with section 408(a) of the Federal Act; or
 4. The ability of EPA to obtain information from a source pursuant to section 114 of the Federal Act.
- (c) Permit shield is granted to the permittee.

A12. Permit renewal and expiration.

- (a) Permit expiration terminates the source's right to operate unless a timely and complete renewal application has been submitted at least 180 days, but no more than 270 days prior to the expiration of this permit.
- (b) Provided that the permittee submits a timely and complete application for permit renewal the source will not be considered in violation of paragraph 1200-03-09-.02(11) until the Technical Secretary takes final action on the permit application, except as otherwise noted in paragraph 1200-03-09-.02(11).
- (c) This permit, its shield provided in Condition A11, and its conditions will be extended and effective after its expiration date provided that the source has submitted a timely, complete renewal application to the Technical Secretary.

TAPCR 1200-03-09-.02(11)(f)3 and 2, 1200-03-09-.02(11)(d)1(i)(III), and 1200-03-09-.02(11)(a)2

A13. Reopening for cause.

- (a) A permit shall be reopened and revised prior to the expiration of the permit under any of the circumstances listed below:
1. Additional applicable requirements under the Federal Act become applicable to the sources contained in this permit provided the permit has a remaining term of 3 or more years. Such a reopening shall be completed not later than 18 months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is later than the permit expiration date of this permit, unless the original has been extended pursuant to 1200-03-09-.02(11)(a)2.
 2. Additional requirements become applicable to an affected source under the acid rain program.
 3. The Technical Secretary or EPA determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the permit.
 4. The Technical Secretary or EPA determines that the permit must be revised or revoked to assure compliance with the applicable requirements.
- (b) Proceedings to reopen and issue a permit shall follow the same proceedings as apply to initial permit issuance and shall affect only those parts of the permit for which cause to reopen exists, and not the entire permit. Such reopening shall be made as expeditiously as practicable.
- (c) Reopenings for cause shall not be initiated before a notice of such intent is provided to the permittee by the Technical Secretary at least 30 days in advance of the date that the permit is to be reopened except that the Technical Secretary may provide a shorter time period in the case of an emergency. An emergency shall be established by the criteria of T.C.A. 68-201-109 or other compelling reasons that public welfare is being adversely affected by the operation of a source that is in compliance with its permit requirements.
- (d) If the Administrator finds that cause exists to terminate, modify, or revoke and reissue a permit as identified in A13, he is required under federal rules to notify the Technical Secretary and the permittee of such findings in writing. Upon receipt of such notification, the Technical Secretary shall investigate the matter in order to determine if he agrees or disagrees with the Administrator's findings. If he agrees with the Administrator's findings, the Technical Secretary shall conduct the reopening in the following manner:

1. The Technical Secretary shall, within 90 days after receipt of such notification, forward to EPA a proposed determination of termination, modification, or revocation and reissuance, as appropriate. If the Administrator grants additional time to secure permit applications or additional information from the permittee, the Technical Secretary shall have the additional time period added to the standard 90 day time period.
2. EPA will evaluate the Technical Secretary's proposed revisions and respond as to their evaluation.
3. If EPA agrees with the proposed revisions, the Technical Secretary shall proceed with the reopening in the same manner prescribed under Condition A13 (b) and Condition A13 (c).
4. If the Technical Secretary disagrees with either the findings or the Administrator that a permit should be reopened or an objection of the Administrator to a proposed revision to a permit submitted pursuant to Condition A13(d), he shall bring the matter to the Board at its next regularly scheduled meeting for instructions as to how he should proceed. The permittee shall be required to file a written brief expressing their position relative to the Administrator's objection and have a responsible official present at the meeting to answer questions for the Board. If the Board agrees that EPA is wrong in their demand for a permit revision, they shall instruct the Technical Secretary to conform to EPA's demand, but to issue the permit under protest preserving all rights available for litigation against EPA.

TAPCR 1200-03-09-.02(11)(f)6 and 7.

- A14. Permit transference.** An administrative permit amendment allows for a change of ownership or operational control of a source where the Technical Secretary determines that no other change in the permit is necessary, provided that the following requirements are met:
- (a) Transfer of ownership permit application is filed consistent with the provisions of 1200-03-09-.03(6), and
 - (b) written agreement containing a specific date for transfer of permit responsibility, coverage, and liability between the current and new permittee has been submitted to the Technical Secretary.

TAPCR 1200-03-09-.02(11)(f)4(i)(IV) and 1200-03-09-.03(6)

- A15. Air pollution alert.** When the Technical Secretary has declared that an air pollution alert, an air pollution warning, or an air pollution emergency exists, the permittee must follow the requirements for that episode level as outlined in TAPCR 1200-03-09-.03(1) and TAPCR 1200-03-15-.03.
- A16. Construction permit required.** Except as exempted in TAPCR 1200-03-09-.04, or excluded in subparagraph TAPCR 1200-03-2-.01(1)(aa) or subparagraph TAPCR 1200-03-2-.01(1)(cc), this facility shall not begin the construction of a new air contaminant source or the modification of an air contaminant source which may result in the discharge of air contaminants without first having applied for and received from the Technical Secretary a construction permit for the construction or modification of such air contaminant source.

TAPCR 1200-03-09-.01(1)(a)

- A17. Notification of changes.** The permittee shall notify the Technical Secretary 30 days prior to commencement of any of the following changes to an air contaminant source which would not be a modification requiring a construction permit.
- (a) change in air pollution control equipment
 - (b) change in stack height or diameter
 - (c) change in exit velocity of more than 25 percent or exit temperature of more than 15 percent based on absolute temperature.

TAPCR 1200-03-09-.02(7)

- A18. Schedule of compliance.** The permittee will comply with any applicable requirement that becomes effective during the permit term on a timely basis. If the permittee is not in compliance the permittee must submit a schedule for coming into compliance which must include a schedule of remedial measure(s), including an enforceable set of deadlines for specific actions.
- TAPCR 1200-03-09-.02(11)(d)3 and 40 CFR Part 70.5(c)

A19. Title VI.

(a) The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR, Part 82, Subpart F, except as provided for motor vehicle air conditioners (MVACs) in Subpart B:

1. Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to Section 82.156.
2. Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to Section 82.158.
3. Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to Section 82.161.

(b) If the permittee performs a service on motor (fleet) vehicles when this service involves ozone depleting substance refrigerant in the motor vehicle air conditioner (MVAC), the permittee is subject to all the applicable requirements as specified in 40 CFR, Part 82, Subpart B, Servicing of Motor Vehicle Air Conditioners.

(c) The permittee shall be allowed to switch from any ozone-depleting substance to any alternative that is listed in the Significant New Alternatives Program(SNAP) promulgated pursuant to 40 CFR, Part 82, Subpart G, Significant New Alternatives Policy Program.

A20. 112 (r). The permittee shall comply with the requirement to submit to the Administrator or designated State Agency a risk management plan, including a registration that reflects all covered processes, by June 21, 1999, if the permittee's facility is required pursuant to 40 CFR, 68, to submit such a plan.

TAPCR 1200-03-32-.03(3)

SECTION B

**GENERAL CONDITIONS for MONITORING,
REPORTING, and ENFORCEMENT**

- B1. Recordkeeping.** Monitoring and related record keeping shall be performed in accordance with the requirements specified in the permit conditions for each individual permit unit. In no case shall reports of any required monitoring and record keeping be submitted less frequently than every six months.
- (a) Where applicable, records of required monitoring information include the following:
1. The date, place as defined in the permit, and time of sampling or measurements;
 2. The date(s) analyses were performed;
 3. The company or entity that performed the analysis;
 4. The analytical techniques or methods used;
 5. The results of such analyses; and
 6. The operating conditions as existing at the time of sampling or measurement.
- (b) Digital data accumulation which utilizes valid data compression techniques shall be acceptable for compliance determination as long as such compression does not violate an applicable requirement and its use has been approved in advance by the Technical Secretary.
- TAPCR 1200-03-09-.02(11)(e)1(iii)
- B2. Retention of monitoring data.** The permittee shall retain records of all required monitoring data and support information for a period of at least 5 years from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation, and copies of all reports required by the permit.
- TAPCR 1200-03-09-.02(11)(e)1(iii)(II)II
- B3. Reporting.** Reports of any required monitoring and record keeping shall be submitted to the Technical Secretary in accordance with the frequencies specified in the permit conditions for each individual permit unit. Reports shall be submitted within 60 days of the close of the reporting period unless otherwise noted. All instances of deviations from permit requirements must be clearly identified in such reports. All required reports must be certified by a responsible official. Reports required under "State only requirements" are not required to be certified by a responsible official.
- TAPCR 1200-03-09-.02(11)(e)1(iii)
- B4. Certification.** Except for reports required under "State Only" requirements, any application form, report or compliance certification submitted pursuant to the requirements of this permit shall contain certification by a responsible official of truth, accuracy and completeness. This certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate and complete.
- TAPCR 1200-03-09-.02(11)(d)4
- B5. Annual compliance certification.** The permittee shall submit annually compliance certifications with terms and conditions contained in Sections A, B, D and E of this permit, including emission limitations, standards, or work practices. This compliance certification shall include all of the following (provided that the identification of applicable information may cross-reference the permit or previous reports, as applicable):
- (a) The identification of each term or condition of the permit that is the basis of the certification;
 - (b) The identification of the method(s) or other means used by the owner or operator for determining the compliance status with each term and condition during the certification period;
 - (c) Whether such method(s) or other means provide continuous or intermittent data. Such methods and other means shall include, at a minimum, the methods and means required by this permit. If necessary, the owner or operator also shall identify any other material information that must be included in the certification to comply with section 113(c)(2) of the Federal Act, which prohibits knowingly making a false certification or omitting material information;
 - (d) The status of compliance with the terms and conditions of the permit for the period covered by the certification, including whether compliance during the period was continuous or intermittent. The certification shall be based on the method or means designated in B5(b) above. The certification shall identify each deviation and take it into account in the compliance certification. The certification shall also identify as possible exceptions to compliance any periods during which compliance is required and in which an excursion* or exceedance** as defined below occurred; and
 - (e) Such other facts as the Technical Secretary may require to determine the compliance status of the source.

* "Excursion" shall mean a departure from an indicator range established for monitoring under this paragraph, consistent with any averaging period specified for averaging the results of the monitoring.

** "Exceedance" shall mean a condition that is detected by monitoring that provides data in terms of an emission limitation or standard and that indicates that emissions (or opacity) are greater than the applicable emission limitation or standard (or less than the applicable standard in the case of a percent reduction requirement) consistent with any averaging period specified for averaging the results of the monitoring.

40 CFR Part 70.6(c)(5)(iii) as amended in the Federal Register Vol.62, No.204, October 22, 1997, pages 54946 and 54947

B6. Submission of compliance certification. The compliance certification shall be submitted to:

The Tennessee Department of Environment and Conservation Environmental Field Office specified in Section E of this permit	and	Air and EPCRA Enforcement Branch US EPA Region IV 61 Forsyth Street, SW Atlanta, Georgia 30303
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TAPCR 1200-03-09-.02(11)(e)3(v)(IV)

B7. Emergency provisions. An emergency constitutes an affirmative defense to an enforcement action brought against this source for noncompliance with a technology based emission limitation due to unavoidable increases in emissions attributable to the emergency. An emergency shall not include noncompliance to the extent caused by improperly designed equipment, lack of preventative maintenance, careless or improper operation, or operator error.

(a) The affirmative defense of the emergency shall be demonstrated through properly signed, contemporaneous operating logs, or other relevant evidence that:

1. An emergency occurred and that the permittee can identify the probable cause(s) of the emergency. "Probable" must be supported by a credible investigation into the incident that seeks to identify the causes and results in an explanation supported by generally accepted engineering or scientific principles.

2. The permitted source was at the time being properly operated. In determining whether or not a source was being properly operated, the Technical Secretary shall examine the source's written standard operating procedures which were in effect at the time of the noncompliance and any other code as detailed below that would be relevant to preventing the noncompliance. Adherence to the source's standard operating procedures will be the test of adequate preventative maintenance, careless operation, improper operation or operator error to the extent that such adherence would prevent noncompliance. The source's failure to follow recognized standards of practice to the extent that adherence to such a standard would have prevented noncompliance will disqualify the source from any claim of an emergency and an affirmative defense.

3. During the period of the emergency, the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit.

4. The permittee submitted notice of the emergency to the Technical Secretary according to the notification criteria for malfunctions in rule 1200-03-20-.03. For the purposes of this condition, "emergency" shall be substituted for "malfunction(s)" in rule 1200-03-20-.03 to determine the relevant notification threshold. The notice shall include a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.

(b) In any enforcement proceeding the permittee seeking to establish the occurrence of an emergency has the burden of proof.

(c) The provisions of this condition are in addition to any emergency, malfunction or upset requirement contained in Division 1200-03 or other applicable requirement.

TAPCR 1200-03-09-.02(11)(e)7

B8. Excess emissions reporting.

(a) The permittee shall promptly notify the Technical Secretary when any emission source, air pollution control equipment, or related facility breaks down in such a manner to cause the emission of air contaminants in excess of the applicable emission standards contained in Division 1200-03 or any permit issued thereto, or of sufficient duration to cause damage to property or public health. The permittee must provide the Technical Secretary with a statement giving all pertinent facts, including the estimated duration of the breakdown. Violations of the visible emission standard which occur for less than 20 minutes in one day (midnight to midnight) need not be reported. Prompt notification will be within 24 hours of the malfunction and shall be provided by telephone to the Division's Nashville office. The Technical Secretary shall be notified when the condition causing the failure or breakdown has been corrected. In attainment and unclassified areas if emissions other than from sources designated as significantly impacting on a nonattainment area in excess of the standards will not and

do not occur over more than a 24-hour period (or will not recur over more than a 24-hour period) and no damage to property and or public health is anticipated, notification is not required.

(b) Any malfunction that creates an imminent hazard to health must be reported by telephone immediately to the Division's Nashville office at (615) 532-0554 and to the State Civil Defense.

(c) A log of all malfunctions, startups, and shutdowns resulting in emissions in excess of the standards in Division 1200-03 or any permit issued thereto must be kept at the plant. All information shall be entered in the log no later than twenty-four (24) hours after the startup or shutdown is complete, or the malfunction has ceased or has been corrected. Any later discovered corrections can be added in the log as footnotes with the reason given for the change. This log must record at least the following:

1. Stack or emission point involved
2. Time malfunction, startup, or shutdown began and/or when first noticed
3. Type of malfunction and/or reason for shutdown
4. Time startup or shutdown was complete or time the air contaminant source returned to normal operation
5. The company employee making entry on the log must sign, date, and indicate the time of each log entry

The information under items 1. and 2. must be entered into the log by the end of the shift during which the malfunction or startup began. For any source utilizing continuous emission(s) monitoring, continuous emission(s) monitoring collection satisfies the above log keeping requirement.

TAPCR 1200-03-20-.03 and .04

B9. Malfunctions, startups and shutdowns - reasonable measures required. The permittee must take all reasonable measures to keep emissions to a minimum during startups, shutdowns, and malfunctions. These measures may include installation and use of alternate control systems, changes in operating methods or procedures, cessation of operation until the process equipment and/or air pollution control equipment is repaired, maintaining sufficient spare parts, use of overtime labor, use of outside consultants and contractors, and other appropriate means. Failures that are caused by poor maintenance, careless operation or any other preventable upset condition or preventable equipment breakdown shall not be considered malfunctions. This provision does not apply to standards found in 40 CFR, Parts 60(Standards of performance for new stationary sources), 61(National emission standards for hazardous air pollutants) and 63(National emission standards for hazardous air pollutants for source categories).

TAPCR 1200-03-20-.02

B10. Reserved.

TAPCR 1200-03-20-.04(2)

B11. Report required upon the issuance of a notice of violation for excess emissions. The permittee must submit within twenty (20) days after receipt of the notice of violation, the data shown below to assist the Technical Secretary in deciding whether to excuse or validate the violation. If this data has previously been available to the Technical Secretary prior to the issuance of the notice of violation no further action is required of the violating source. However, if the source desires to submit additional information, then this must be submitted within the same twenty (20) day time period. The minimum data requirements are:

- (a) The identity of the stack and/or other emission point where the excess emission(s) occurred;
- (b) The magnitude of the excess emissions expressed in pounds per hour and the units of the applicable emission limitation and the operating data and calculations used in determining the magnitude of the excess emissions;
- (c) The time and duration of the emissions;
- (d) The nature and cause of such emissions;
- (e) For malfunctions, the steps taken to correct the situation and the action taken or planned to prevent the recurrence of such malfunctions;
- (f) The steps taken to limit the excess emissions during the occurrence reported, and
- (g) If applicable, documentation that the air pollution control equipment, process equipment, or processes were at all times maintained and operated in a manner consistent with good operating practices for minimizing emissions.

Failure to submit the required report within the twenty (20) day period specified shall preclude the admissibility of the data for consideration of excusal for malfunctions.

TAPCR 1200-03-20-.06(2),(3) and (4)

SECTION C

PERMIT CHANGES

- C1. Operational flexibility changes.** The source may make operational flexibility changes that are not addressed or prohibited by the permit without a permit revision subject to the following requirements:
- (a) The change cannot be subject to a requirement of Title IV of the Federal Act or Chapter 1200-03-30.
 - (b) The change cannot be a modification under any provision of Title I of the federal Act or Division 1200-03.
 - (c) Each change shall meet all applicable requirements and shall not violate any existing permit term or condition.
 - (d) The source must provide contemporaneous written notice to the Technical Secretary and EPA of each such change, except for changes that are below the threshold of levels that are specified in Rule 1200-03-09-.04.
 - (e) Each change shall be described in the notice including the date, any change in emissions, pollutants emitted, and any applicable requirements that would apply as a result of the change.
 - (f) The change shall not qualify for a permit shield under the provisions of part 1200-03-09-.02(11)(e)6.
 - (g) The permittee shall keep a record describing the changes made at the source that result in emissions of a regulated air pollutant subject to an applicable requirement, but not otherwise regulated under the permit, and the emissions resulting from those changes. The records shall be retained until the changes are incorporated into subsequently issued permits.

TAPCR 1200-03-09-.02(11)(a)4 (ii)

- C2. Section 502(b)(10) changes.**
- (a) The permittee can make certain changes without requiring a permit revision, if the changes are not modifications under Title I of the Federal Act or Division 1200-03 and the changes do not exceed the emissions allowable under the permit. The permittee must, however, provide the Administrator and Technical Secretary with written notification within a minimum of 7 days in advance of the proposed changes. The Technical Secretary may waive the 7 day advance notice in instances where the source demonstrates in writing that an emergency necessitates the change. Emergency shall be demonstrated by the criteria of TAPCR 1200-03-09-.02(11)(e)7 and in no way shall it include changes solely to take advantages of an unforeseen business opportunity. The Technical Secretary and EPA shall attach each such notice to their copy of the relevant permit.
 - (b) The written notification must be signed by a facility Title V responsible official and include the following:
 - 1. brief description of the change within the permitted facility;
 - 2. specifies the date on which the change will occur;
 - 3. declares and quantifies where possible any change in emissions;
 - 4. declares any permit term or condition that is no longer applicable as a result of the change; and
 - 5. declares the requested change is not a Title I modification and will not exceed allowable emissions under the permit.
 - (c) The permit shield provisions of TAPCR 1200-03-09-.02(11)(e)6 shall not apply to Section 502(b)(10) changes.

TAPCR 1200-03-09-.02(11)(a)4 (i)

- C3. Administrative amendment.**
- (a) Administrative permit amendments to this permit shall be in accordance with 1200-03-09-.02(11)(f)4. The source may implement the changes addressed in the request for an administrative amendment immediately upon submittal of the request.
 - (b) The permit shield shall be extended as part of an administrative permit amendment revision consistent with the provisions of TAPCR 1200-03-09-.02(11)(e)6 for such revisions made pursuant to item (c) of this condition which meet the relevant requirements of TAPCR 1200-03-09-.02(11)(e), TAPCR 1200-03-09-.02(11)(f) and TAPCR 1200-03-09-.02(11)(g) for significant permit modifications.
 - (c) Proceedings to review and grant administrative permit amendments shall be limited to only those parts of the permit for which cause to amend exists, and not the entire permit.

TAPCR 1200-03-09-.02(11)(f)4

- C4. Minor permit modifications.**
- (a) The permittee may submit an application for a minor permit modification in accordance with TAPCR 1200-03-09-.02(11)(f)5(ii).
 - (b) The permittee may make the change proposed in its minor permit modification immediately after an application is filed with the Technical Secretary.
 - (c) Proceedings to review and modify permits shall be limited to only those parts of the permit for which cause to modify exists, and not the entire permit.

(d) Minor permit modifications do not qualify for a permit shield.

TAPCR 1200-03-09-.02(11)(f)5(ii)

C5. Significant permit modifications.

(a) The permittee may submit an application for a significant modification in accordance with TAPCR 1200-03-09-.02(11)(f)5(iv).

(b) Proceedings to review and modify permits shall be limited to only those parts of the permit for which cause to modify exists, and not the entire permit.

TAPCR 1200-03-09-.02(11)(f)5(iv)

C6. New construction or modifications.

Future construction at this source that is subject to the provisions of TAPCR 1200-03-09-.01 shall be governed by the following:

(a) The permittee shall designate in their construction permit application the route that they desire to follow for the purposes of incorporating the newly constructed or modified sources into their existing operating permit. The Technical Secretary shall use that information to prepare the operating permit application submittal deadlines in their construction permit.

(b) Sources desiring the permit shield shall choose the administrative amendment route of TAPCR 1200-03-09-.02(11)(f)4 or the significant modification route of TAPCR 1200-03-09-.02(11)(f)5(iv).

(c) Sources desiring expediency instead of the permit shield shall choose the minor permit modification procedure route of TAPCR 1200-03-09-.02(11)(f)5(ii) or group processing of minor modifications under the provisions of TAPCR 1200-03-09-.02(11)(f)5(iii) as applicable to the magnitude of their construction.

TAPCR 1200-03-09-.02(11)(d) 1(i)(V)

SECTION D

GENERAL APPLICABLE REQUIREMENTS

D1. Visible emissions. With the exception of air emission sources exempt from the requirements of TAPCR Chapter 1200-03-05 and air emission sources for which a different opacity standard is specifically provided elsewhere in this permit, the permittee shall not cause, suffer, allow or permit discharge of a visible emission from any air contaminant source with an opacity in excess of twenty (20) percent for an aggregate of more than five (5) minutes in any one (1) hour or more than twenty (20) minutes in any twenty-four (24) hour period; provided, however, that for fuel burning installations with fuel burning equipment of input capacity greater than 600 million Btu per hour, the permittee shall not cause, suffer, allow, or permit discharge of a visible emission from any fuel burning installation with an opacity in excess of twenty (20) percent (6-minute average) except for one six minute period per one (1) hour of not more than forty (40) percent opacity. Sources constructed or modified after July 7, 1992 shall utilize 6-minute averaging.

Consistent with the requirements of TAPCR Chapter 1200-03-20, due allowance may be made for visible emissions in excess of that permitted under TAPCR 1200-03-05 which are necessary or unavoidable due to routine startup and shutdown conditions. The facility shall maintain a continuous, current log of all excess visible emissions showing the time at which such conditions began and ended and that such record shall be available to the Technical Secretary or his representative upon his request.

TAPCR 1200-03-05-.01(1), TAPCR 1200-03-05-.03(6) and TAPCR 1200-03-05-.02(1)

D2. General provisions and applicability for non-process gaseous emissions. Any person constructing or otherwise establishing a non-portable air contaminant source emitting gaseous air contaminants after April 3, 1972, or relocating an air contaminant source more than 1.0 km from the previous position after November 6, 1988, shall install and utilize the best equipment and technology currently available for controlling such gaseous emissions.

TAPCR 1200-03-06-.03(2)

D3. Non-process emission standards. The permittee shall not cause, suffer, allow, or permit particulate emissions from non-process sources in excess of the standards in TAPCR 1200-03-06.

D4. General provisions and applicability for process gaseous emissions. Any person constructing or otherwise establishing an air contaminant source emitting gaseous air contaminants after April 3, 1972, or relocating an air contaminant source more than 1.0 km from the previous position after November 6, 1988, shall install and utilize equipment and technology which is deemed reasonable and proper by the Technical Secretary.

TAPCR 1200-03-07-.07(2)

D5. Particulate emissions from process emission sources. The permittee shall not cause, suffer, allow, or permit particulate emissions from process sources in excess of the standards in TAPCR 1200-03-07.

D6. Sulfur dioxide emission standards. The permittee shall not cause, suffer, allow, or permit Sulfur dioxide emissions from process and non-process sources in excess of the standards in TAPCR 1200-03-14. Regardless of the specific emission standard, new process sources shall utilize the best available control technology as deemed appropriate by the Technical Secretary of the Tennessee Air Pollution Control Board.

D7. Fugitive Dust.

(a) The permittee shall not cause, suffer, allow, or permit any materials to be handled, transported, or stored; or a building, its appurtenances, or a road to be used, constructed, altered, repaired, or demolished without taking reasonable precautions to prevent particulate matter from becoming airborne. Such reasonable precautions shall include, but not be limited to, the following:

1. Use, where possible, of water or chemicals for control of dust in demolition of existing buildings or structures, construction operations, grading of roads, or the clearing of land;
2. Application of asphalt, oil, water, or suitable chemicals on dirt roads, material stock piles, and other surfaces which can create airborne dusts;

3. Installation and use of hoods, fans, and fabric filters to enclose and vent the handling of dusty materials. Adequate containment methods shall be employed during sandblasting or other similar operations.

(b) The permittee shall not cause, suffer, allow, or permit fugitive dust to be emitted in such manner to exceed five (5) minutes per hour or twenty (20) minutes per day as to produce a visible emission beyond the property line of the property on which the emission originates, excluding malfunction of equipment as provided in Chapter 1200-03-20.

TAPCR 1200-03-08

D8. Open burning. The permittee shall comply with the TAPCR 1200-03-04-.04 for all open burning activities at the facility.

TAPCR 1200-03-04

D9. Asbestos. Where applicable, the permittee shall comply with the requirements of 1200-03-11-.02(2)(d) when conducting any renovation or demolition activities at the facility.

TAPCR 1200-03-11-.02(2)(d) and 40 CFR, Part 61

D10. Annual certification of compliance. The generally applicable requirements set forth in Section D of this permit are intended to apply to activities and sources that are not subject to source-specific applicable requirements contained in State of Tennessee and U.S. EPA regulations. By annual certification of compliance, the permittee shall be considered to meet the monitoring and related record keeping and reporting requirements of TAPCR 1200-03-09-.02(11)(e)1.(iii) and 1200-03-10-.04(2)(b)1 and compliance requirements of TAPCR 1200-03-09-.02(11)(e)3.(i). The permittee shall submit compliance certification for these conditions annually.

SECTION E

SOURCE SPECIFIC EMISSION STANDARDS, OPERATING LIMITATIONS, and MONITORING, RECORDKEEPING and REPORTING REQUIREMENTS

40-0033	Facility Description:	Institutional Casework, Inc. is a wood furniture manufacturing operation.
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Conditions E1 through E3-9 apply to all sources in Section E of this permit unless otherwise noted.

E1. Fee payment: allowable emissions basis.

FEE EMISSIONS SUMMARY TABLE FOR MAJOR SOURCE 40-0033

REGULATED POLLUTANTS	ALLOWABLE EMISSIONS (tons per AAP)	ACTUAL EMISSIONS (tons per AAP)	COMMENTS
PARTICULATE MATTER (PM)	27.6	N/A	Includes all fee emissions.
PM₁₀	N/A	N/A	
SO₂	N/A	N/A	
VOC	128.1	N/A	Includes all fee emissions.
NO_x	N/A	N/A	
CATEGORY OF MISCELLANEOUS HAZARDOUS AIR POLLUTANTS (HAP WITHOUT A STANDARD)*			
VOC FAMILY GROUP	N/A	AEAR	Fee emissions are included in VOC above.
NON-VOC GASEOUS GROUP	N/A	AEAR	Fee emissions are not included above.
PM FAMILY GROUP	N/A	AEAR	Fee emissions are included in PM above.
CATEGORY OF SPECIFIC HAZARDOUS AIR POLLUTANTS (HAP WITH A STANDARD)**			
VOC FAMILY GROUP	N/A	AEAR	MACT (40 CFR Part 63 Subpart JJ). Fee emissions are included in VOC above.
NON-VOC GASEOUS GROUP	N/A	N/A	
PM FAMILY GROUP	N/A	N/A	
CATEGORY OF NSPS POLLUTANTS NOT LISTED ABOVE***			
Each NSPS Pollutant Not Listed Above	N/A	N/A	

NOTES

AAP The Annual Accounting Period (AAP) is a twelve (12) consecutive month period that begins each July 1st and ends June 30th of the following year. The present Annual Accounting Period began July 1, 2014 and ends June 30, 2015. The next Annual Accounting Period begins July 1, 2015 and ends June 30, 2016.

N/A N/A indicates that no emissions are specified for fee computation.

AEAR AEAR indicates that an Actual Emissions Analysis is Required to determine the actual emissions of:

- (1) each regulated pollutant (Particulate matter, SO₂, VOC, NO_x, etc. See TAPCR 1200-03-26-.02(2)(i) for the definition of a regulated pollutant.),
- (2) each pollutant group (VOC Family, Non-VOC Gaseous, and Particulate Family), and
- (3) the Miscellaneous HAP Category under consideration during the Annual Accounting Period.

* **Category Of Miscellaneous HAP (HAP Without A Standard):** This category is made-up of hazardous air pollutants that do not have a federal or state standard. Each HAP is classified into one of three groups, the VOC Family group, the Non-VOC Gaseous group, or the Particulate (PM) Family group. For fee computation, the Miscellaneous HAP Category is subject to the 4,000 ton cap provisions of subparagraph 1200-03-26-.02(2)(i).

** **Category Of Specific HAP (HAP With A Standard):** This category is made-up of hazardous air pollutants (HAP) that are subject to Federally promulgated Hazardous Air Pollutant Standards that can be imposed under Chapter 1200-03-11 or Chapter 1200-03-31. Each individual hazardous air pollutant is classified into one of three groups, the **VOC Family** group, the **Non-VOC Gaseous** group, or the **Particulate (PM) Family** group. **For fee computation**, each individual hazardous air pollutant of the **Specific HAP Category** is subject to the 4,000 ton cap provisions of subparagraph 1200-03-26-.02(2)(I).

*** **Category Of NSPS Pollutants Not Listed Above:** This category is made-up of each New Source Performance Standard (NSPS) pollutant whose emissions are not included in the **PM, SO₂, VOC or NO_x** emissions from each source in this permit. **For fee computation**, each **NSPS pollutant not listed above** is subject to the 4,000 ton cap provisions of subparagraph 1200-03-26-.02(2)(i).

END NOTES

- The permittee shall:**
- (1) Pay annual **allowable based emission fees** for the **present Annual Accounting Period**.
 - (2) Pay major source annual **allowable based emission fees**, as requested by the responsible official, in accordance with the above **Fee Emissions Summary Table** beginning July 1, **2014** of the **next annual accounting period**.
 - (3) Prepare an actual emissions analysis beginning July 1, 2015, in accordance with the Fee Emissions Summary Table above. The actual emissions analysis shall include:
 - (a) the completed Fee Emissions Summary Table,
 - (b) each AEAR required by the above Fee Emissions Summary Table, and
 - (c) the records, or a summary of the records, required by Condition E5-4 of this permit. These records shall be used to complete the AEARs required by the above Fee Emissions Summary Table.
 - (4) Submit the actual emissions analysis no later than 90 days after the end of each annual accounting period.

The Tennessee Air Pollution Control Division will bill the permittee no later than April 1 prior to the end of each **annual accounting period**. The annual emission fee is due July 1 following the end of each **annual accounting period**. If any part of any fee imposed under TAPCR 1200-03-26-.02 is not paid within fifteen (15) days of the due date, penalties shall at once accrue as specified in TAPCR 1200-03-26-.02(8). Emissions for regulated pollutants shall not be double counted as specified in condition A8(d) of this permit.

Payment of the fee due shall be submitted to this address:

TN Department of Environment & Conservation
 Division of Fiscal Services
 Consolidated Fee Section– APC (53-0003)
 William R. Snodgrass Tennessee Tower
 312 Rosa L. Parks Avenue, 10th Floor
 Nashville, TN 37243

TAPCR: 1200-03-26-.02 (3) and (9), and 1200-03-09-.02(11)(e)1 (iii) and (vii)

E2. Reporting and recordkeeping requirements.

- (a) **Semiannual reports.** In order to adjust the reporting periods to be consistent with those of the semiannual calendar year, the permittee shall prepare a report covering a one-month period. This abbreviated one month report period shall begin on June 1, 2015, and end June 30, 2015. Thereafter, the reports shall cover the following 6-month periods; July 1 through December 31 and January 1 through June 30. All reports shall be submitted within 60 days after the end of the report period.

These semiannual reports shall include:

- (1) Any monitoring and recordkeeping required by conditions **E4-1, E5-4, and E5-6** of this permit. However, a summary report of this data is acceptable provided there is sufficient information to enable the Technical Secretary to evaluate compliance.
- (2) The visible emission evaluation readings from condition **E3-1** and **E4-3** of this permit if required. However, a summary report of this data is acceptable provided there is sufficient information to enable the Technical Secretary to evaluate compliance.
- (3) Identification of all instances of deviations from **ALL PERMIT REQUIREMENTS**.

These reports must be certified by a responsible official consistent with condition B4 of this permit and shall be submitted to The Technical Secretary at the field office address listed below:

The Technical Secretary
 Division of Air Pollution Control
 Jackson Environmental Field Office
 1625 Hollywood Drive
 Jackson, TN 38305-4316

Or email an electronic Portable Document Format (PDF) submittal to: APC.JackEFO@tn.gov

TAPCR 1200-03-09-.02(11)(e)1.(iii)

(b) Annual compliance certification. The permittee shall submit annually compliance certifications with terms and conditions contained in Sections A, B, D, & E of this permit, including emission limitations, standards, or work practices. This compliance certification shall include all of the following (provided that the identification of applicable information may cross-reference the permit or previous reports, as applicable):

- (1) The identification of each term or condition of the permit that is the basis of the certification;
- (2) The identification of the method(s) or other means used by the owner or operator for determining the compliance status with each term and condition during the certification period;
- (3) Whether such method(s) or other means provide continuous or intermittent data. Such methods and other means shall include, at a minimum, the methods and means required by this permit. If necessary, the owner or operator also shall identify any other material information that must be included in the certification to comply with section 113(c)(2) of the Federal Act, which prohibits knowingly making a false certification or omitting material information;
- (4) The status of compliance with the terms and conditions of the permit for the period covered by the certification, including whether compliance during the period was continuous or intermittent. The certification shall be based on the method or means designated in E2(b)2 above. The certification shall identify each deviation and take it into account in the compliance certification. The certification shall also identify as possible exceptions to compliance any periods during which compliance is required and in which an excursion* or exceedance** as defined below occurred; and
- (5) Such other facts as the Technical Secretary may require to determine the compliance status of the source.

* Excursion shall mean a departure from an indicator range established for monitoring under this paragraph, consistent with any averaging period specified for averaging the results of the monitoring.

** Exceedance shall mean a condition that is detected by monitoring that provides data in terms of an emission limitation or standard and that indicates that emissions (or opacity) are greater than the applicable emission limitation or standard (or less than the applicable standard in the case of a percent reduction requirement) consistent with any averaging period specified for averaging the results of the monitoring.

In order to adjust the reporting periods to be consistent with those of the semiannual report, the permittee shall prepare a certification covering a one-month period. This abbreviated one month certification shall begin on June 1, 2015, and end June 30, 2015. Thereafter, all annual certifications shall cover the 12-month period from July 1 through June 30. All certifications shall be submitted within 60 days after the end of each report period.

These certifications shall be submitted to:

<p>The Technical Secretary Division of Air Pollution Control Jackson Environmental Field Office 1625 Hollywood Drive Jackson, Tennessee 38305-4316</p>	and	<p>Air and EPCRA Enforcement Branch US EPA Region IV 61 Forsyth Street, SW Atlanta, Georgia 30303</p>
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Or email an electronic Portable Document Format (PDF) submittal to: APC.JackEFO@tn.gov

40 CFR Part 70.6(c)(5)(iii) as amended in the Federal Register Vol.62, No.204, October 22, 1997, pages 54946 and 54947

- (c) **MACT Semiannual reports.** MACT semiannual reports have been synchronized with the semiannual reports for this Title V permit. The semiannual periods of July-December and January-June are stipulated in **Condition E2(a)**. The reports shall be submitted within 60 days after the 6-month periods end.

These semiannual reports shall comply with the recordkeeping and reporting requirements of 40 CFR §63.806 and 40 CFR §63.807. The Continuous Compliance Status Reports (CCSR) shall contain the information in §63.10(d) and include all reporting requirements of §63.7 through §63.10 of Subpart A according to the applicability criteria in §63.800(d). This information includes, but may not be limited, the following:

- (1) This report shall include the form enclosed in Attachment 1, which is the CCSR required by Condition E5-1(f) of this permit.
- (2) Startup, shutdown, and malfunction reports as required by 40 CFR §63.10(d)(5);
- (3) In regards to deviations:
 - a) If no deviations occurred during the report period, a statement that no deviations occurred during the reporting period.
 - b) If deviations occurred during the report period, a report concerning each deviation as to whether the deviation is an exceedance or excursion. The report shall include date of the deviation, description of the deviation, duration of duration, explanation or probable cause, and corrective action and preventative measures taken to correct the deviation and prevent similar deviations from occurring again.

These reports must be certified by a responsible official consistent with Condition B4 of this permit and shall be submitted to:

<p>The Technical Secretary Division of Air Pollution Control William R. Snodgrass Tennessee Tower 312 Rosa L. Parks Avenue, 15th Floor Nashville, Tennessee 37243</p>	and	<p>Air and EPCRA Enforcement Branch US EPA Region IV 61 Forsyth Street, SW Atlanta, Georgia 30303</p>
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Or email an electronic Portable Document Format (PDF) submittal to: Air.Pollution.Control@tn.gov

- (d) **Retention of Records** All records required by any condition in Section E of this permit must be retained for a period of not less than five years. Additionally, these records shall be kept available for inspection by the Technical Secretary or his representative.

TAPCR 1200-03-09-.02(11)(e)1.(iii)(II)II

E3. General Permit Requirements.

E3-1. Visible emissions from the stacks, fugitive dust sources and building(s) of this facility shall not exceed 20% opacity , except for one (1) six-minute period in any one (1) hour period, and for no more than four (4) six-minute periods in any twenty-four (24) hour period. Visible emissions from this facility shall be determined by EPA Method 9, as published in the current 40 CFR 60, Appendix A (six-minute average).

TAPCR 1200-03-05-.03(6) and TAPCR 1200-03-05-.01(1)

Compliance Method: The permittee shall assure compliance with the opacity standard by utilizing the opacity matrix dated June 18, 1996, and amended September 12, 2005 (**Attachment 2**).

If the magnitude and frequency of excursions reported by the permittee in the periodic monitoring for emissions is unsatisfactory to the Technical Secretary, this permit may be reopened to impose additional opacity monitoring requirements.

E3-2. Logs and records specified in this permit shall be made available upon request by the Technical Secretary or his representative and shall be retained for a period of not less than five years unless otherwise noted. The logs contained in this permit are based on a recommended format. Any logs and records that have an alternative format may be utilized provided they contain the same information that is required.

E3-3. Record keeping requirements for this facility, including all data and calculations, must be updated and maintained based on the following schedule:

Record Keeping Type	Update Requirement
Monthly Log	Recorded within 30 days after the end of the month
Weekly Log	Recorded within 7 days after the end of the week
Daily Log	Recorded within 7 days after the end of the day

E3-4. The permittee is not required to file an accidental release plan pursuant to Section 112(r) of the Clean Air Act and 1200-03-32 of TAPCR.

E3-5. Routine maintenance as required to comply with the specified emission limits shall be performed on the air pollution control devices. Monthly logs of maintenance and/or repair for each air pollution control device shall be kept. The logs shall denote what maintenance and what repair was done, when it was done, by whom, and when problems were rectified denoting date accomplished. Use of computer generated logs are also acceptable. Each maintenance/repair log must be made available upon request by the Technical Secretary or his representative. Such logs must be maintained for 5 years. Records from these logs are not required to be submitted semiannually unless required in Condition **E2(a)(1)**.

E3-6. Upon the malfunction/failure of any emission control device(s) serving this source, the operation of the process(es) served by the device(s) shall be regulated by Chapter 1200-03-20 of the Tennessee Air Pollution Control Regulations.

E3-7. Shipping manifests for all VOC-containing and HAP-containing materials used at this facility along with current material safety data sheets and/or certified product data sheets must be maintained and kept available for inspection by the Technical Secretary or his representative. Information in the shipping manifests must include the date the materials were shipped, the identity, and the quantity of each material shipped. These records must be retained for a period of not less than five years.

E3-8. Pursuant to 1200-03-10-.04(2)(a)2. of TAPCR, gauges, indicators, and similar devices used to measure and conduct parametric monitoring of control equipment must maintain an operational availability of at least 95%. Logs and records to substantiate such operational availability must be kept and such records shall be made available to the Technical Secretary or his representative upon request.

E3-9. This Title V Operating Permit No. 567882 represents the third renewal of the original Title V Permit No. 555045 issued July 1, 1999, and all subsequent permit revisions.

E3-10. Insignificant activities as stated by the permittee in the Title V Application per Rule 1200-03-09-.04(5) are listed below. Additional insignificant activities may be added and operated at any time with the provision that a written notification shall be submitted to the Technical Secretary including an updated APC V.2 application form along with a truth, accuracy, and completeness statement signed by a responsible official. The permit may be updated to include additional insignificant sources by means of an administrative amendment, if necessary.

Activity	ESRN	Insignificant Under Rule
Drying Oven	N/A	1200-03-09-.04(5)(a)4(i)
Cleaning operation	N/A	1200-03-09-.04(5)(a)4(i)

E3-11. Identification of Responsible Official, Technical Contact, and Billing Contact

- (a) The application that was utilized in the preparation of this permit is dated October 17, 2014, and signed by Responsible Official Mike Hodge, Director of Human Resources of the permitted facility. If this person terminates employment or is assigned different duties and is no longer a Responsible Official for this facility as defined in part 1200-03-09-.02(11)(b)21 of the Tennessee Air Pollution Control Regulations, the owner or operator of this air contaminant source shall notify the Technical Secretary of the change. Said notification must be in writing and must be submitted within thirty (30) days of the change. The notification shall include the name and title of the new Responsible Official and certification of truth and accuracy. All representations, agreement to terms and/or conditions, and covenants made by the former Responsible Official that were used in the establishment of the permit terms and conditions will continue to be binding on the facility until such time that a revision to this permit is obtained that would change said representations, agreements, and/or covenants.
- (b) The application that was utilized in the preparation of this permit is dated October 17, 2014, and identifies Mike Hodge, Director of Human Resources as the Principal Technical Contact for the permitted facility. If this person terminates employment or is assigned different duties and is no longer the Principal Technical Contact for this facility, the owner or operator of this air contaminant source shall notify the Technical Secretary of the change. Said notification must be in writing and must be submitted within thirty (30) days of the change. The notification shall include the name and title of the new Principal Technical Contact and certification of truth and accuracy.
- (c) The application that was utilized in the preparation of this permit is dated October 17, 2014, and identifies Mike Hodge, Director of Human Resources as the Billing Contact for the permitted facility. If this person terminates employment or is assigned different duties and is no longer the Billing Contact for this facility, the owner or operator of this air contaminant source shall notify the Technical Secretary of the change. Said notification must be in writing and must be submitted within thirty (30) days of the change. The notification shall include the name and title of the new Billing Contact and certification of truth and accuracy.

E3-12. The facility shall comply with all applicable state and federal air pollution regulations. This includes, but is not limited to, federal regulations published under 40 CFR Part 63 for sources of hazardous air pollutants and 40 CFR Part 60, New Source Performance Standards.

TAPCR 1200-03-09-.03(8)

E3-13. The facility shall operate in accordance with the terms of this permit and the information submitted in the approved permit application.

TAPCR 1200-03-09-.03(8)

40-0033-01	Woodworking Operation	This operation is made-up of saws, shapers, drills, routers, planers, molders, sanders and other woodworking equipment, and a closed dust collection system with a cyclone and three baghouses used as control devices for particulate matter. The collected wood waste is conveyed in a closed conveyor system to a covered trailer/truck for off-site disposal. Fugitive emissions occur from the trailer/truck loading. The following stacks are associated with this source:			
		Stack ID	Height Above Grade (feet)	Outlet Inside Dimensions (feet)	Exhaust Flow at Exit Conditions (actual cubic feet per minute)
		S-1 (baghouse #1)	25	3.3 x 2.7	25,500
		S-2 (baghouse #2)	31	3.7	40,000
		S-3 (baghouse #3)	38	4.0	20,400

Conditions E4-1 through E4-4 apply to source 40-0033-01

E4-1. Particulate matter (PM) emitted from this source shall not exceed 1.12 pounds per hour. This limitation is established pursuant to TAPCR 1200-03-07-.01(5) and the information contained in the agreement letter dated April 19, 1999 from the permittee.

Compliance Method: Compliance with this emission limitation shall be assured through recordkeeping of operational parameters. Particulate matter emissions from this source shall be assured by recording in the following log the daily pressure drops across the baghouses while this source is operating. This log shall be used to certify compliance with this condition and in the reporting requirements of Conditions **E2** and **E4-2** of this permit, and must be maintained on site and made readily available for a period of not less than five years. Reports and certifications shall be submitted in accordance with Condition **E2** of this permit.

MONTHLY LOG FOR SOURCE (40-0033-01)

MONTH / YEAR

Day of the Month	Daily Pressure Drop (PD) Across each Fabric Filter (inches of water)
1	baghouse#1/baghouse#2/baghouse#3
2	baghouse#1/baghouse#2/baghouse#3
3 etc.	baghouse#1/baghouse#2/baghouse#3

Where: The actual PM emission rate is assumed equal to or less than the allowable PM emission rate of 1.12 pounds per hour when the pressure drop across each of the fabric filters is greater than or equal to limits specified on condition E4-2.(b).

TAPCR 1200-03-09-.02(11)(e)1.(iii)

E4-2. Air pollution control equipment (three baghouses and one cyclone) used by this source (40-0033-01):

- (a) shall be operating when this source is operating, except in accordance with TAPCD Rule 1200-03-20, in order to comply with the emissions limitation of Condition **E4-1** of this permit, and
- (b) shall operate with a pressure drop of not less than following:

<u>Baghouse No.</u>	<u>Pressure Drop in Inches. of Water gage</u>
1	not less than 1.5
2	not less than 1.0
3	not less than 0.5

Compliance Method: Compliance with the pressure drop requirement of Condition **E4-2(b)** of this permit shall be assured through recordkeeping as required by Condition **E4-1** of this permit. Additionally, (1) the cyclone shall be inspected weekly for abrasion holes, plugging or other problems; (2) any cyclone problems shall be promptly remedied; and (3) a monthly log of maintenance and problems/repair actions, times, and dates shall be kept for the baghouses and the cyclone. This log must be maintained on site and made readily available for a period of not less than five years. Reports and certifications shall be submitted in accordance with Condition **E2** of this permit.

TAPCR 1200-03-09-.02(11)(e)1.(iii)

E4-3. Visible emissions from this source shall not exceed 15% opacity as determined by EPA Method 9, except for one (1) six-minute period in any one (1) hour period, and for no more than four (4) six-minute periods in any twenty-four (24) hour period. Visible emissions from this source shall be determined by EPA Method 9, as published in the current 40 CFR 60, Appendix A (six-minute average). This limitation is established pursuant to TAPCR 1200-03-05-.01(3) and the information contained in the agreement letter dated April 15, 1991 from the permittee.

Compliance Method: The permittee shall assure compliance with the opacity standard by utilizing the opacity matrix dated June 18, 1996 and amended September 12, 2005, that is enclosed as **Attachment 2**. Reports and certifications shall be submitted in accordance with Condition **E2** of this permit.

If the magnitude and frequency of excursions reported by the permittee in the periodic monitoring for emissions is unsatisfactory to the Technical Secretary, this permit may be reopened to impose additional opacity monitoring requirements.

E4-4. In accordance with TAPCR 1200-03-08-.01, reasonable precautions must be taken to prevent the generation of fugitive dust. Specifically, per TAPCR 1200-03-08-.01(1)(c), the trailers/trucks shall be covered during wood waste loading and storage for source 40-0033-01.

<p>40-0033-02</p> <p>Wood Furniture Finishing Operation</p>	<p>This source is regulated by 40 CFR Part 63 Subpart JJ which requires Maximum Achievable Control Technology (MACT). This operation is made-up of five spray booths (spray booth #1 Stain Application, spray booth #2 Sealer Application, spray booth #3 Topcoat Application, spray booth #4 Off-line spray booth & special coatings, and spray booth #5 flat line), one natural gas fired drying oven with input heat capacity of 750,000 BTU per hour. There is no volatile organic compounds (VOC) control device. Particulate matter is controlled by exhaust filters for each spray booth.</p>
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Conditions E5-1 through E5-6 apply to source 40-0033-02

E5-1. **40 CFR Part 63 Subpart JJ requirements.** This source shall comply with the standards, provisions, methods and requirements of 40 CFR Part 63 Subpart JJ. The permittee shall:

- (a) Comply with the emission limits of §63.802(a) of 40 CFR Part 63 Subpart JJ.
- (b) Comply with the work practice standards of §63.803 of 40 CFR Part 63 Subpart JJ. The permittee shall prepare and maintain a written Work Practice Implementation Plan (WPIP) in accordance with §63.803 of 40 CFR Part 63 Subpart JJ. The WPIP and all records associated with fulfilling the requirements of that plan must be maintained at the source location and kept available for inspection by the Technical Secretary or his representative. This plan and all associated records must be retained for a period of not less than five years.
- (c) Comply with the compliance procedures and monitoring requirements of §63.804 of 40 CFR Part 63 Subpart JJ.
- (d) Comply with the performance test methods of §63.805 of 40 CFR Part 63 Subpart JJ.
- (e) Fulfill all recordkeeping requirements of §63.806 of 40 CFR Part 63 Subpart JJ.
- (f) Fulfill all reporting requirements of §63.807 of 40 CFR Part 63 Subpart JJ. The permittee shall prepare semiannual Compliance Status Reports (CSR) in accordance with §63.807 of 40 CFR Part 63 Subpart JJ. The CSR and all information associated with fulfilling the requirements of those reports, including compliance certificates signed by a responsible official of the company that owns or operates this source, must be maintained at the source location and kept available for inspection by the Technical Secretary or his representative. These reports and all associated records must be retained for a period of not less than five years.

E5-2. In accordance with 40 CFR Part 63 Subpart JJ, contact adhesives for foam adhesives used in products that meet flammability requirements shall not exceed 1.8 pounds of volatile hazardous air pollutants (VHAP) per pound of solids, as-applied and all other contact adhesives shall not exceed 1.0 pounds of volatile hazardous air pollutants (VHAP) per pound of solids, as-applied.

Compliance Method: Compliance with this emission limitation shall be assured through recordkeeping of material usage. Records required by Condition **E5-4** of this permit shall be used to certify compliance with this condition. Reports and certifications shall be submitted in accordance with Condition E2 of this permit.

E5-3. In accordance with 40 CFR Part 63 Subpart JJ, finishing materials used in the finishing operations shall not exceed:

- (a) a weighted average volatile hazardous air pollutants (VHAP) content across all coatings of 1.0 pound of VHAP per pound of solids, as-applied; or
- (b) the following:
 1. 1.0 pound of VHAP per pound of solids, as-applied, for stains,
 2. 1.0 pound of VHAP per pound of solids, as-applied, for washcoats^a,
 3. 1.0 pound of VHAP per pound of solids, as-applied, for sealers,
 4. 1.0 pound of VHAP per pound of solids, as-applied, for topcoats,
 5. 1.0 pound of VHAP per pound of solids, as-applied, for basecoats^a,
 6. 1.0 pound of VHAP per pound of solids, as-applied, for enamels^a, and

7. 10.0 percent VHAP by weight for thinners.

^a Washcoats, basecoats, and enamels must comply with the limits presented in this paragraph if purchased premade, that is, if these are not formulated onsite by thinning other finishing materials. If these are formulated onsite, each must be formulated using compliant finishing materials, that is, those that meet the limits specified in this paragraph, and thinners containing no more than 3.0 percent VHAP by weight.

Compliance Method: Compliance with this emission limitation shall be assured through recordkeeping of material usage. Records required by Condition **E5-4** of this permit shall be used to certify compliance with this condition. Reports and certifications shall be submitted in accordance with Condition **E2** of this permit.

E5-4. Volatile organic compounds emitted from this source shall not exceed 128.1 tons during any period of 12 consecutive months. This limitation is established pursuant to TAPCR 1200-03-07-.01(5) and the information contained in the agreement letter dated April 19, 1999 from the permittee.

Compliance Method: Compliance with this emission limitation shall be assured through recordkeeping of material usage rates. Volatile organic compounds and HAP emissions from this source shall be calculated and maintained by keeping the following logs. These logs shall be used in the actual emissions analysis required by Condition **E1** of this permit, and to certify compliance with this condition and Conditions **E5-2, E5-3, E5-4 and E5-6** of this permit. The logs must be maintained on site and made readily available for a period of not less than five years. Reports and certifications shall be submitted in accordance with Condition **E2** of this permit.

WOOD FURNITURE MONTHLY VOC/HAP EMISSIONS LOG FOR SOURCE 40-0033-02: **Part A** MONTH / YEAR

MATERIAL NAME	Material Density (lbs material per gallon)	USAGE (gallons per month (gpm))	VOC CONTENT (pounds VOC per gallon)	(1) VOC EMISSIONS (tons VOC per month)	HAP ₁ CONTENT (pounds HAP ₁ per gallon)	(2) HAP ₁ EMISSIONS (tons HAP ₁ per month)	HAP _p CONTENT (pounds HAP _p per gallon)	(2) HAP _p EMISSIONS (tons HAP _p per month)	TOTAL HAP EMISSIONS (tons HAP ₁ thru HAP _p per month)
Finishing Materials									
Material ₁									
Material ₂									
Material _i									
Contact Adhesives									
Material ₁									
Material ₂									
Material _i									
Clean-up									
Material ₁									
Material ₂									
Material _i									
TOTAL									

Note: i = 1, 2, 3,..... n = the number of different materials, and p = 1, 2, 3,..... n = the number of different hazardous air pollutants. Use columns as required for the number of different hazardous air pollutants.

- (1) **VOC Emissions (tons VOC per month)**
 = (MATERIAL Usage(gpm))(MATERIAL VOC Content (pounds VOC per gallon))/(2000 pounds/ton)
- (2) **HAP_p Emissions (tons HAP_p per month)**
 = (MATERIAL Usage(gpm)(MATERIAL HAP_p Content (pounds HAP_p per gallon))(K)/(2000 pounds/ton)
 where K = 1 when HAP_p is gaseous and K = (1 - FRE)(OS) when HAP_p is non-gaseous,
 FRE = Filter Removal Efficiency assumed equal to 0.98 and OS = Overspray assumed equal to 0.55

MONTHLY EMISSIONS LOG FOR SOURCE 40-0033-02 **Part B**

MONTH / YEAR

MATERIAL NAME	USAGE (gallons per month (gpm))	VHAP CONTENT (pounds VHAP per gallon)	SOLIDS CONTENT (pounds SOLIDS per gallon)	(3) VHAP EMISSIONS (tons VHAP per month)	(4) SOLIDS USAGE (tons SOLIDS per month)	(5) EMISSION LIMITS (lb VHAP per lb solids or lb VOC/lb solids)
Finishing Materials						
Material ₁						
Material ₂						
Material _i						
Contact Adhesives						
Material ₁						
Material ₂						
Material _i						
Clean-up						
Material ₁						
Material ₂						
Material _i						
TOTAL				SUM _{VHAP}	SUM _{SOLIDS}	(6) E AVERAGE

- (3) **VHAP Emissions (tons VHAP per month)** = (MATERIAL Usage(gpm)(MATERIAL VHAP Content (pounds VHAP per gallon))/(2000 pounds per ton)
- (4) **SOLIDS Usage (tons SOLIDS per month)** = (MATERIAL Usage(gpm)(MATERIAL SOLIDS Content (pounds SOLIDS per gallon))/(2000 pounds per ton)
- (5) **Emission Limits (lb VHAP per lb solids)** = VHAP Content (pounds VHAP per gallon)/SOLIDS Content (pounds SOLIDS per gallon)
- (6) **E AVERAGE** = SUM_{VHAP}/ SUM_{SOLIDS}

MONTHLY EMISSIONS LOG FOR SOURCE 40-0033-02 **Part C**

MONTH / YEAR:

Operating Hours (MOH) (operating hours per month)	PM Emissions Rate (PMER) (pounds PM per hour on a monthly average basis)
MOH	(7) PMER

MOH = operating hours per month

- (7) **PMER** = PM Emissions Rate (pounds PM per hour on a monthly average basis) = TOTAL SOLIDS (tons SOLIDS per month)(1 - FRE)(OS)/MOH
where FRE = Filter Removal Efficiency assumed equal to 0.98 and OS = Overspray assumed equal to 0.55.

YEARLY EMISSIONS LOG FOR SOURCE 40-0033-02 **Part D**

MONTH/YEAR (Fee Accounting Period is July 1, year to June 30, year)	VOC EMISSIONS (tons VOC per month)	(*)VOC EMISSIONS (tons VOC per 12 months)	HAP1 EMISSIONS (tons HAP1 per month)	(*)HAP1 EMISSIONS (tons HAP1 per 12 months)	HAPp EMISSIONS (tons HAPp per month)	(*)HAPp EMISSIONS (tons HAPp per 12 months)	TOTAL HAP EMISSIONS (tons HAP1 thru HAPp per month)	(*)TOTAL HAP EMISSIONS (tons HAP1 thru HAPp per 12 months)
July/year								
Aug/year etc.								
June/year								

(*) The Tons per 12 Month value is the sum of the VOC (or HAP) emissions in the 11 months preceding the month just completed + the VOC (or HAP) emissions in the month just completed. If data is not available for the 11 months preceding the initial use of this log, this value will be equal to the value for tons per month. For the second month it will be the sum of the first month and the second month. Indicate in parentheses the number of months summed, that is, 6 (2) represents 6 tons emitted in 2 months.

E5-5. Particulate matter (PM) emitted from this source shall not exceed 5.18 pounds per hour. This limitation is established pursuant to TAPCR 1200-03-07-.01(5) and the information contained in the agreement letter dated April 19, 1999 from the permittee.

Compliance Method: Compliance with this emission limitation shall be assured through recordkeeping of material usage rates. Particulate matter from this source shall be calculated by keeping the logs of Condition **E5-4** of this permit. Reports and certification shall be submitted in accordance with Condition **E2** of this permit.

Permit Number 567882

Expiration Date: TBD

E5-6. Air pollution control equipment (exhaust filters) used by this source shall be operating when this source is operating, except in accordance with TAPCD Rule 1200-03-20, in order to comply with the emissions limitation of Condition **E5-5** of this permit.

Compliance Method: A log of exhaust filter replacement shall be kept on a weekly basis. Reports and certification shall be submitted in accordance with Condition **E2** of this permit.

END OF PERMIT NUMBER: 567882

Permit Number 567882

Expiration Date: TBD

ATTACHMENT 1

MACT

SEMIANNUAL REPORT and COMPLIANCE CERTIFICATION FORMS

40 CFR Part 63 Subpart JJ Semiannual Compliance Status Report

For

INSTITUTIONAL CASEWORK, INC.

TITLE V OPERATING PERMIT NUMBER 567882

EMISSION SOURCE REFERENCE NUMBER 40-0033

REPORTING PERIOD: from date: _____ to date: _____

REPORTING DATE: _____

1.0 40 CFR Part 63 Subpart JJ Requirements.

1.1 Finishing materials Volatile Hazardous Air Pollutants (VHAP) content limits/weighted average. In accordance with Conditions E5-3 of permit number 567882, the results of the ‘weighted average VHAP content across all finishing coatings’ calculation for each month within the semiannual reporting period for this facility are listed in the following log. The emission limit for the weighted average VHAP content across all finishing coatings for this facility is 1.0 pounds of VHAP per pound of solids.

40-0033 MONTHLY EMISSION LIMITS LOG

MONTH/YEAR	EMISSION LIMITS (pounds of VHAP per pound of solids)
month/year	

1.2 Finishing materials VHAP content limits/compliant coatings. In accordance with Conditions E5-1 and E5-3 of permit number 567882, this facility (*has or has not*) maintained records during this semiannual reporting period that demonstrate the coatings and thinners used by this facility (*are or are not*) compliant. Deviations from this requirement were:

1.3 Contact adhesives VHAP content limits. In accordance with Conditions E5-1 and E5-2 of permit number 567882, this facility (*has or has not*) maintained records during this semiannual reporting period that demonstrate the contact adhesives, excluding aerosol adhesives and excluding contact adhesives applied to nonporous substrates, used by this facility (*do or do not*) exceed 1.8 pounds of volatile hazardous air pollutants (VHAP) per pound of solids, as-applied and all other contact adhesives shall not exceed 1.0 pounds of volatile hazardous air pollutants (VHAP) per pound of solids, as-applied.

1.4 Work practice standards. In accordance with Condition E5-1 of permit number 567882, this facility (*has or has not*) followed their Work Practice Implementation Plan during this semiannual reporting period. Deviations from this standard were:

40 CFR PART 63 SUBPART JJ SEMIANNUAL CERTIFICATION OF COMPLIANCE

For
INSTITUTIONAL CASEWORK, INC.

TITLE V OPERATING PERMIT NUMBER 567882

EMISSION SOURCE REFERENCE NUMBER 40-0033

REPORTING PERIOD: from date: _____ to date: _____

REPORTING DATE: _____

- 1.0 Finishing materials VHAP content limits/weighted average.** The weighted average equation (6) from Condition E5-4 of permit number 567882 was used to determine the VHAP content compliance status of this facility. The emission limit for the weighted average VHAP content across all finishing coatings for this facility is 1.0 pounds of VHAP per pound of solids. The maximum value for this emission limit during this semiannual reporting period was (_____). This facility is (*in or out of*) compliance for this emission limit during this reporting period. Deviations from this requirement were:

- 2.0 Finishing materials VHAP content limits/compliant coatings.** Recordkeeping in accordance with Conditions E5-1 and E5-3 of permit number 567882 were used to determine the compliant status of finishing coatings and thinners used by this facility. Compliant stains, washcoats, sealers, topcoats, basecoats, enamels, and thinners, as applicable, (*were or were not*) used each day by this facility in this semiannual reporting period. This facility is (*in or out of*) compliance for this emission limit during this reporting period. Deviations from this requirement were:

- 3.0 Contact adhesives VHAP content limits.** Recordkeeping in accordance with Conditions E5-1 and E5-2 of permit number 567882 were used to determine the compliant status of adhesives used by this facility. Compliant adhesives (*were or were not*) used each day by this facility in this semiannual reporting period. This facility is (*in or out of*) compliance for this emission limit during this reporting period. Deviations from this requirement were:

- 4.0 Work practice standards.** In accordance with Condition E5-1 of permit number 567882, this facility (*has or has not*) followed their Work Practice Implementation Plan during this reporting period. This facility is (*in or out of*) compliance with this standard during this semiannual reporting period. Deviations from this standard were:

I certify the information contained in this document to be true, accurate and complete.	
Name and Title of Responsible Official	Telephone Number with Area Code
Signature of Responsible Official	Date of Signature

ATTACHMENT 2

**OPACITY MATRIX DECISION TREE for
VISIBLE EMISSION EVALUATION by EPA METHOD 9
dated JUNE 18, 1996 and amended September 11, 2013**

Decision Tree PM for Opacity for Sources Utilizing EPA Method 9*

Notes:

PM = Periodic Monitoring required by 1200-03-09-.02(11)(e)(iii).

This Decision Tree outlines the criteria by which major sources can meet the periodic monitoring and testing requirements of Title V for demonstrating compliance with the visible emission standards set forth in the permit. It is not intended to determine compliance requirements for EPA's Compliance Assurance Monitoring (CAM) Rule (formerly referred to as Enhanced Monitoring – Proposed 40 CFR 64).

Examine each emission unit using this Decision Tree to determine the PM required.*

Use of continuous emission monitoring systems eliminates the need to do any additional periodic monitoring.

Visible Emission Evaluations (VEEs) are to be conducted utilizing EPA Method 9. The observer must be properly certified to conduct valid evaluations.

Typical Pollutants

Particulates, VOC, CO, SO₂, NO_x, HCl, HF, HBr, Ammonia, and Methane.

Initial observations are to be repeated within 90 days of startup of a modified source, if a new construction permit is issued for modification of the source.

A VEE conducted by TAPCD personnel after the Title V permit is issued will also constitute an initial reading.

Reader Error

EPA Method 9, Non-NSPS or NESHAPS stipulated opacity standards:

The TAPCD guidance is to declare non-compliance when the highest six-minute average** exceeds the standard plus 6.8% opacity (e.g. 26.8% for a 20% standard).

EPA Method 9, NSPS or NESHAPS stipulate opacity standards:

EPA guidance is to allow only engineering round. No allowance for reader error is given.

*Not applicable to Asbestos manufacturing subject to 40 CFR 61.142

**Or second highest six-minute average, if the source has an exemption period stipulated in either the regulations or in the permit.

