TABLE A: LIMITS AND OTHER REQUIREMENTS

Facility Name: Jarden Home Brands

Permit Number: 01700003 - 004

Table A contains limits and other requirements with which your facility must comply. The limits are located in the first column of the table (What To do). The limits can be emission limits or operational limits. This column also contains the actions that you must take and the records you must keep to show that you are complying with the limits. The second column of Table A (Why to do it) lists the regulatory basis for these limits. Appendices included as conditions of your permit are listed in Table A under total facility requirements.

Subject Item: **Total Facility**

What to do	Why to do it
SOURCE-SPECIFIC REQUIREMENTS	hdr
Process Throughput: less than or equal to 92801 tons/year using 12-month Rolling Sum of wood received (total of birch and aspen; based on 2.49 tons per cord of birch and 2.33 tons per cord of aspen).	Title I Condition: To avoid classification as a major source or major modification under 40 CFR Section 52.21 & Minn. R. 7007.3000; To avoid major source classification under 40 CFR Section 70.2 and Minn. R. 7007.0200
All emission unit and stack vent descriptions that include the acronym 'TBR' (to be removed or permanently taken out of service) are scheduled for removal as required by this permit (No. 01700003-004).	Title I Condition: To avoid exceedance of the PM10 and PM2.5 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000
Permit Appendices: This permit contains appendices as listed in the permit Table of Contents. The modeling parameters in Appendix B are included for reference only as described elsewhere in Table A.	Title I Condition: To avoid exceedance of the PM10 and PM2.5 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000; Minn. R. 7007.0800, subp. 2
MODELING-BASED REQUIREMENTS	hdr
The Permittee shall comply with National Primary and Secondary Ambient Air Quality Standards, 40 CFR pt. 50, and the Minnesota Ambient Air Quality Standards, Minn. R. 7009.0010 to 7009.0080. Compliance shall be demonstrated upon written request by the MPCA.	40 CFR pt. 50; Minn. Stat. Section 116.07, subds. 4a & 9; Minn. R. 7007.0100, subp. 7(A), 7(L), & 7(M); Minn. R. 7007.0800, subps. 1, 2 & 4; Minn. R. 7009.0010-7009.0080
The parameters used in PM10 and PM2.5 modeling for permit number 01700003-004 are listed in Appendix B of this permit. The parameters describe the operation of the facility at maximum permitted capacity. For any changes that affect any modeled parameter or emission rate documented in Appendix B, or are an addition to information documented in Appendix B, a Remodeling Submittal requirement is triggered. This includes changes that do not require a permit amendment as well as changes that require any type of permit amendment. This does not include any change that involves only the shutdown of equipment and the elimination of emissions therefrom for any appendix B stack/vent emission source.	Title I Condition: To avoid exceedance of the PM10 and PM2.5 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000
Remodeling Submittal: The Permittee must submit to the Commissioner for approval any revisions of these parameters and must wait for a written approval before making such changes. For changes that don't require a moderate or major amendment, written approval of the modeling may be given before permit issuance; however, the approval applies only to the modeling and not to any other changes. The information submitted must include, for stack and vent sources, source emission rate, location, height, diameters, exit velocity, exit temperature, discharge direction, use of rain caps or rain hats, and, if applicable, locations and dimensions of nearby buildings. For non-stack/vent sources, this includes the source emission rate, location, size and shape, release height, and, if applicable, any emission rate scalars, and the initial lateral dimensions and initial vertical dimensions and adjacent building heights.	Title I Condition: To avoid exceedance of the PM10 and PM2.5 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000
The plume dispersion characteristics due to the revisions of the information must be equivalent to or better than the dispersion characteristics modeled February 2012. The Permittee shall demonstrate this equivalency in the proposal. If the information does not demonstrate equivalent or better dispersion characteristics, or if a conclusion cannot readily be made about the dispersion, the Permittee must submit full re-modeling.	Title I Condition: To avoid exceedance of the PM10 and PM2.5 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000

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The Permittee shall not bypass any air pollution control equipment except during an emergency. An emergency is a situation that will cause facility personnel death, illness, or injury, or process equipment or product damage, if the fabric filter is not bypassed. The Permittee may only bypass during an emergency for the time period necessary to safely shutdown the process and/or control equipment. The GP 003 material handling cyclones are not subject to this requirement, except for EU 010 and EU 035. The Permittee shall record and keep a record of every fabric filter bypass event. The record shall be dated, and shall list start and stop times for each bypass, the cyclone and fabric filter that is involved in the bypass event, and the reason or cause for the bypass. Each entry shall be signed by the personnel that enters the record. All fabric filter bypasses are deviations that must be reported in the semiannual deviation report.	Title I Condition: To avoid exceedance of the PM10 and PM2.5 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000
Insignificant or Significant Modifications and Activities that emit PM10 and/or PM2.5: Other than expressly authorized by this permit (No. 01700003-004), the Permittee shall not install and/or operate any additional PM10 and/or PM2.5 point emission sources or fugitive emission sources, or make any modification to the facility that increases PM10 and/or PM2.5 emissions or ambient air impacts until the required remodeling requirements are met and the appropriate permit amendment authorizing such activities is obtained.	Title I Condition: To avoid exceedance of the PM10 and PM2.5 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000
OPERATIONAL REQUIREMENTS	hdr
Air Pollution Control Equipment: Operate all pollution control equipment whenever the corresponding process equipment and emission units are operated, unless otherwise noted in Table A.	Minn. R. 7007.0800, subp. 2; Minn. R. 7007.0800, subp. 16(J)
Circumvention: Do not install or use a device or means that conceals or dilutes emissions, which would otherwise violate a federal or state air pollution control rule, without reducing the total amount of pollutant emitted.	Minn. R. 7011.0020
Operation and Maintenance Plan: Retain at the stationary source an operation and maintenance plan for all air pollution control equipment. At a minimum, the O&M plan shall identify all air pollution control equipment and shall include a preventative maintenance program for that equipment, a description of (the minimum but not necessarily the only) corrective actions to be taken to restore the equipment to proper operation to meet applicable permit conditions, a description of the employee training program for proper operation and maintenance of the control equipment, and the records kept to demonstrate plan implementation.	Minn. R. 7007.0800, subp. 14 and Minn. R. 7007.0800, subp. 16(J)
Operation Changes: In any shutdown, breakdown, or deviation the Permittee shall immediately take all practical steps to modify operations to reduce the emission of any regulated air pollutant. The Commissioner may require feasible and practical modifications in the operation to reduce emissions of air pollutants. No emissions units that have an unreasonable shutdown or breakdown frequency of process or control equipment shall be permitted to operate.	Minn. R. 7019.1000, subp. 4
Fugitive Emissions: The Permittee shall not cause or permit the handling, use, transporting, or storage of any material in a manner which may allow avoidable amounts of particulate matter to become airborne. The Permittee shall apply reasonable measures to prevent particulate matter from becoming airborne. Reasonable measures include, but are not limited to, paving or frequent clearing of roads, driveways, and parking lots; application of dust-free surfaces; application of water; and the planting and maintenance of vegetative ground cover. The Permittee shall comply with all other requirements in Minn. R. 7011.0150.	Minn. R. 7011.0150
Noise: The Permittee shall comply with the noise standards set forth in Minn. R. 7030.0010 to 7030.0080 at all times during the operation of any emission units. This is a state only requirement and is not enforceable by the EPA Administrator or citizens under the Clean Air Act.	Minn. R. 7030.0010 - 7030.0080
Inspections: The Permittee shall comply with the inspection procedures and requirements as found in Minn. R. 7007.0800, subp. 9(A).	Minn. R. 7007.0800, subp. 9(A)
The Permittee shall comply with the General Conditions listed in Minn. R. 7007.0800, subp. 16.	Minn. R. 7007.0800, subp. 16
PERFORMANCE TESTING	hdr
Performance Testing: Conduct all performance tests in accordance with Minn. R. ch. 7017 unless otherwise noted in Tables A, B, and/or C.	Minn. R. ch. 7017

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Performance Test Notifications and Submittals: Performance Tests are due as outlined in Table A of the permit. See Table B for additional testing requirements. Performance Test Notification (written): due 30 days before each Performance Test Performance Test Plan: due 30 days before each Performance Test Performance Test Pre-test Meeting: due 7 days before each Performance Test Performance Test Report: due 45 days after each Performance Test Performance Test Report - Microfiche Copy: due 105 days after each Performance Test The Notification, Test Plan, and Test Report may be submitted in an alternative format as allowed by Minn. R. 7017.2018.	Minn. R. 7017.2018; Minn. R. 7017.2030, subps. 1-4, Minn. R. 7017.2035, subps. 1 & 2
Limits set as a result of a performance test (conducted before or after permit issuance) apply until superseded as stated in the MPCA Notice of Compliance letter granting preliminary approval. Preliminary approval is based on formal review of a subsequent performance test on the same unit as specified by Minn. R. 7017.2025, subp. 3. The limit is final upon issuance of a permit amendment incorporating the change.	Minn. R. 7017.2025
MONITORING REQUIREMENTS	hdr
Monitoring Equipment Calibration: The Permittee shall calibrate all required monitoring equipment at least once every 12 months (any requirements applying to continuous emission monitors are listed separately in this permit).	Minn. R. 7007.0800, subp. 4(D)
Operation of Monitoring Equipment: Unless otherwise noted in Tables A, B, and/or C, monitoring a process or control equipment connected to that process is not necessary during periods when the process is shutdown, or during checks of the monitoring systems, such as calibration checks and zero and span adjustments. If monitoring records are required, they should reflect any such periods of process shutdown or checks of the monitoring system.	Minn. R. 7007.0800, subp. 4(D)
RECORDKEEPING	hdr
Wood Receiving Recordkeeping: Once each day the Permittee shall calculate and record the tons of aspen and birch logs received at the facility. By the 15th day of each month, the Permittee shall: 1. calculate and record the tons of wood received during the previous month by summing the daily records; 2. calculate and record the tons of wood received during the previous 12-month period by summing the monthly wood receiving data for the previous 12 months.	Title I Condition: To avoid classification as a major source or major modfication under 40 CFR Section 52.21 & Minn. R. 7007.3000; To avoid major source classification under 40 CFR Section 70.2 and Minn. R. 7007.0200; Minn. R. 7007.0800, subp. 5
Recordkeeping: Retain all records at the stationary source, unless otherwise specified within this permit, for a period of five (5) years from the date of monitoring, sample, measurement, or report. Records which must be retained at this location include all calibration and maintenance records, all original recordings for continuous monitoring instrumentation, and copies of all reports required by the permit. Records must conform to the requirements listed in Minn. R. 7007.0800, subp. 5(A).	Minn. R. 7007.0800, subp. 5(C)
Recordkeeping: Maintain records describing any insignificant modifications (as required by Minn. R. 7007.1250, subp. 3) or changes contravening permit terms (as required by Minn. R. 7007.1350, subp. 2), including records of the emissions resulting from those changes.	Minn. R. 7007.0800, subp. 5(B)
If the Permittee determines that no permit amendment or notification is required prior to making a change, the Permittee must retain records of all calculations required under Minn. R. 7007.1200. These records shall be kept for a period of five years from the date that the change was made. The records shall be kept at the stationary source for the current calendar year of operation and may be kept at the stationary source or office of the stationary source for all other years. The records may be maintained in either electronic or paper format.	Minn. R. 7007.1200, subp. 4
REPORTING/SUBMITTALS	hdr

Facility Name: Jarden Home Brands

Permit Number: 01700003 - 004

Shutdown Notifications: Notify the Commissioner at least 24 hours in advance of a planned shutdown of any control equipment or process equipment if the shutdown would cause any increase in the emissions of any regulated air pollutant. If the owner or operator does not have advance knowledge of the shutdown, notification shall be made to the Commissioner as soon as possible after the shutdown. However, notification is not required in the circumstances outlined in Items A, B, and C of Minn. R. 7019.1000, subp. 3. At the time of notification, the owner or operator shall inform the Commissioner of the cause of the shutdown and the estimated duration. The owner or operator shall notify the Commissioner when the shutdown is over.	Minn. R. 7019.1000, subp. 3
Breakdown Notifications: Notify the Commissioner within 24 hours of a breakdown of more than one hour duration of any control equipment or process equipment if the breakdown causes any increase in the emissions of any regulated air pollutant. The 24-hour time period starts when the breakdown was discovered or reasonably should have been discovered by the owner or operator. However, notification is not required in the circumstances outlined in Items A, B, and C of Minn. R. 7019.1000, subp. 2. At the time of notification or as soon as possible thereafter, the owner or operator shall inform the Commissioner of the cause of the breakdown and the estimated duration. The owner or operator shall notify the Commissioner when the breakdown is over.	Minn. R. 7019.1000, subp. 2
Notification of Deviations Endangering Human Health or the Environment: As soon as possible after discovery, notify the Commissioner or the state duty officer, either orally or by facsimile, of any deviation from permit conditions which could endanger human health or the environment.	Minn. R. 7019.1000, subp. 1
Notification of Deviations Endangering Human Health or the Environment Report: Within 2 working days of discovery, notify the Commissioner in writing of any deviation from permit conditions which could endanger human health or the environment. Include the following information in this written description: 1. the cause of the deviation; 2. the exact dates of the period of the deviation, if the deviation has been corrected; 3. whether or not the deviation has been corrected; 4. the anticipated time by which the deviation is expected to be corrected, if not yet corrected; and 5. steps taken or planned to reduce, eliminate, and prevent reoccurrence of the deviation.	Minn. R. 7019.1000, subp. 1
Application for Permit Amendment: If a permit amendment is needed, submit an application in accordance with the requirements of Minn. R. 7007.1150 through Minn. R. 7007.1500. Submittal dates vary, depending on the type of amendment needed.	Minn. R. 7007.1150 through Minn. R. 7007.1500
Extension Requests: The Permittee may apply for an Administrative Amendment to extend a deadline in a permit by no more than 120 days, provided the proposed deadline extension meets the requirements of Minn. R. 7007.1400, subp. 1(H). Performance testing deadlines from the General Provisions of 40 CFR pt. 60 and pt. 63 are examples of deadlines for which the MPCA does not have authority to grant extensions and therefore do not meet the requirements of Minn. R. 7007.1400, subp. 1(H).	Minn. R. 7007.1400, subp. 1(H)
Emission Inventory Report: due on or before April 1 of each calendar year following permit issuance. Submit the report on a form approved by the Commissioner.	Minn. R. 7019.3000 through Minn. R. 7019.3010
Emission Fees: due 60 days after receipt of an MPCA bill.	Minn. R. 7002.0005 through Minn. R. 7002.0095

Facility Name: Jarden Home Brands

Permit Number: 01700003 - 004

Subject Item: **GP 001 Dryers (Steam-heated)**

Associated Items: EU 002 Ice Cream Stick Dryer (SV 002)

EU 003 No. 1 Splint Dryer (SV 003)

EU 004 No. 2 Splint Dryer (SV 004)

EU 013 Coe Veneer Dryer (SV 013 & SV 014)

EU 015 Flat Toothpick Dryer (SV 015)

EU 032 E SCR Toothpick Dryer (SV 030 TBR then CE 001 only)

EU 033 Craft Dryer TBR (SV 031 TBR)

EU 034 Large Toothpick Dryer Cyclone (SV 032 TBR then CE 001 only)

SV 002 Ice Cream Stick Dryer Stack

SV 003 No. 1 Splint Dryer Stack

SV 004 No. 2 Splint Dryer Stack

SV 013 Coe Veneer Dryer Stack 1

SV 014 Coe Veneer Dryer Stack 2

SV 015 Flat Toothpick Dryer Stack

SV 030 Toothpick Dryer Stack TBR

SV 031 Craft Dryer Stack TBR

SV 032 Large Toothpick Dryer Stack TBR

What to do	Why to do it
The following PM10 emission limits apply until the equipment is retired or re-routed and the associtates stack/vent is retired as required by this permit (No. 01700003-004) in GP 005: Emission Unit/Stack Vent PM10 Emission Limit (lb/hr; 24-hour rolling average) EU 032/SV 030 0.00273 (re-routed to CE 001) EU 033/SV 031 0.00273 (emission unit and stack removed/offline) EU 034/SV 032 0.00273 (re-routed to CE 001) Refer to subject items SV 002, SV 003, SV 004, SV 013, SV 014, and SV 015 for applicable PM10 (and PM2.5) limits for SV 002, SV 003, SV 004, SV 013, SV 014, and SV 015.	Title I Condition: To avoid violation of PM10 ambient air standard; Minn. R. 7007.3000
Total Particulate Matter: less than or equal to 0.30 grains/dry standard cubic foot of exhaust gas unless required to further reduce emissions to comply with the less stringent limit of either Minn. R. 7011.0730 or Minn. R. 7011.0735. This limit applies individually to each GP 001 emission unit. This limit no longer applies to EU 033 upon shutdown of EU 033.	Minn. R. 7011.0715, subp. 1(A)
Opacity: less than or equal to 20 percent opacity for each GP 001 emission unit. This limit no longer applies to EU 032 and EU 034 after re-routing to CE 001. This limit no longer applies to EU 033 upon shutdown of EU 033.	Minn. R. 7011.0715, subp. 1(B)

Facility Name: Jarden Home Brands

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Subject Item: **GP 002 Boilers**

Associated Items: CE 003 Venturi Scrubber
EU 022 Boiler 1
EU 023 Boiler 2
EU 024 Boiler 3
EU 025 Boiler 4
MR 001 Boilers 1-4
SV 020 Common Boiler Stack
SV 022 Boiler 1 and 2 Bypass Stack
SV 023 Boiler 3 and 4 Bypass Stack

What to do	Why to do it
LIMITS AND OPERATING REQUIREMENTS Refer to SV 020 and CE 003 for additional requirements	hdr
Total Particulate Matter: less than or equal to 0.6 lbs/million Btu heat input for each GP 002 boiler.	Minn. R. 7011.0510, subp. 1
Opacity: less than or equal to 20 percent opacity except for one six-minute period per hour of not more than 60 percent opacity.	Minn. R. 7011.0510, subp. 2
Permitted Fuel: Wood (wood chips), wood waste, and bark for each GP 002 boiler. Wood waste includes unburned wood match sticks and wood splints, burned wood match sticks and wood splints resulting from small fires during manufacturing, damaged ice cream or corn dog sticks, and damaged un-colored toothpicks, but does not include match boxes, polyethylene wrap, polyethylene wrap cardboard tubes, or any other material that does not meet the definitions of 'clean cellulosic biomass' and 'traditional fuels' at 40 CFR Section 241.2.	Minn. R. 7007.0800, subp. 2
Bypass Stack Usage: The Permittee shall not vent emissions from through SV 022 or SV 023 except during emergencies. An emergency is a situation that will cause facility personnel death, illness, or injury, or process equipment or product damage if the bypass stack(s) is not used. The Permittee may only bypass during an emergency for the time period necessary to safely shutdown the process and/or control equipment. Boiler startup and shutdown is not an emergency. The Permittee shall record and keep a record of every bypass stack usage event. The record shall be dated, and shall list start and stop times for each bypass, the stack and boiler(s) involved in the bypass event, and the reason or cause for the bypass. Each entry shall be signed by the personnel that enters the record. Bypass stack usage shall be reported as required in the Total Facility section of this permit as a Deviation Endangering Human Health or the Environment, a Shutdown, or a Breakdown, as applicable.	Title I Condition: To avoid exceedance of the PM10 and PM2.5 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000
AREA SOURCE BOILER MACT REQUIREMENTS These requirements applies individually to each GP 002 boiler.	hdr
GP 002 boilers are biomass boilers that are existing affected sources under 40 CFR pt. 63, subp. JJJJJJ. Each GP 002 boiler shall maintain compliance with the provisions contained in 40 CFR pt. 63 subp. JJJJJJ for existing biomass-fired boilers with a heat input capacity less than 10 mmBtu/hr.	40 CFR Sections 63.11194(b) and 63.11237
Submit Initial Notice of Applicability: due on or before 09/17/2011	40 CFR Section 63.11225(a)(2)
Submit Initial Notification of Compliance Status: due on or before 07/19/2012. In addition to the information required in 40 CFR Section 63.9(h)(2), your notification must include the following certification(s) of compliance and signed by a responsible official: (i) This facility complies with the requirements in 40 CFR Section 63.11214 to conduct an initial tune-up of the boiler. (iv) For units that do not qualify for a statutory exemption as provided in section 129(g)(1) of the Clean Air Act: No secondary materials that are solid waste were combusted in any affected unit.	40 CFR Section 63.11225(a)(4)

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Boiler Biennial Tuneup: Conduct a biennial performance tune-up according to 40 CFR Section 63.11223(b) and keep records as required in 40 CFR Section 63.11225(c) to demonstrate continuous compliance. Each biennial tune-up must be conducted no more than 25 months after the previous tune-up. The initial tuneup is due by 3/21/2012.	40 CFR Section 63.11223(a)
Boiler Biennial Tuneup: (1) As applicable, inspect the burner, and clean or replace any components of the burner as necessary (you may delay the burner inspection until the next scheduled unit shutdown, but you must inspect each burner at least once every 36 months). (2) Inspect the flame pattern, as applicable, and adjust the burner as necessary to optimize the flame pattern. The adjustment should be consistent with the manufacturer's specifications, if available. (3) Inspect the system controlling the air-to-fuel ratio, as applicable, and ensure that it is correctly calibrated and functioning properly. (cont.)	40 CFR Section 63.11223(b)
Boiler Biennial Tuneup (cont.): (4) Optimize total emissions of carbon monoxide. This optimization should be consistent with the manufacturer's specifications, if available. (5) Measure the concentrations in the effluent stream of carbon monoxide in parts per million, by volume, and oxygen in volume percent, before and after the adjustments are made (measurements may be either on a dry or wet basis, as long as it is the same basis before and after the adjustments are made). (cont.)	40 CFR Section 63.11223(b)
Boiler Biennial Tuneup (cont.): (6) Maintain onsite and submit, if requested by the Administrator, biennial report containing the information in 40 CFR Section 63.11223(b)(6)(i) through (iii). (i) The concentrations of CO in the effluent stream in parts per million, by volume, and oxygen in volume percent, measured before and after the tune-up of the boiler. (ii) A description of any corrective actions taken as a part of the tune-up of the boiler. (iii) The type and amount of fuel used over the 12 months prior to the biennial tune-up of the boiler. (7) If the unit is not operating on the required date for a tune-up, the tune-up must be conducted within one week of startup.	40 CFR Section 63.11223(b)
Biennial Compliance Certification Report: The Permittee shall prepare by March 1 of every other year commencing March 1, 2015, and submit to the delegated authority upon request, a biennial compliance certification report for the previous two calendar years containing the information specified in 40 CFR Section 63.11225(b)(1) through (4).	40 CFR Section 63.11225(b)
Records: Maintain records to document conformance with the work practices, emission reduction measures, and management practices required by 40 CFR Section 63.11214 as specified in 40 CFR Section 63.11225(c)(2)(i) and (ii). (c)(2)(i) Records must identify each boiler, the date of tune-up, the procedures followed for tune-up, and the manufacturer's specifications to which the boiler was tuned; (c)(2)(ii) Records documenting the fuel type(s) used monthly by each boiler, including, but not limited to, a description of the fuel, including whether the fuel has received a non-waste determination by you or EPA, and the total fuel usage amount with units of measure. If the Permittee combusts non-hazardous secondary materials that have been determined not to be solid waste pursuant to 40 CFR Section 241.3(b)(1), the Permittee must keep a record which documents how the secondary material meets each of the legitimacy criteria. (cont.)	40 CFR Section 63.11225(c)(2)(i) and (ii)

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Records (cont.): (c)(2)(ii) If the Permittee combusts a fuel that has been processed from a discarded non-hazardous secondary material pursuant to 40 CFR Section 241.3(b)(4), the Permittee must keep records as to how the operations that produced the fuel satisfies the definition of processing in 40 CFR Section 241.2. If the fuel received a non-waste determination pursuant to the petition process submitted under 40 CFR Section 241.3(c), the Permittee must keep a record that documents how the fuel satisfies the requirements of the petition process.	40 CFR Section 63.11225(c)(2)(ii)
Records: (6) Maintain onsite and submit, if requested by the Administrator, biennial report containing the information in 40 CFR Section 63.11223(b)(6)(i) through (iii). (i) The concentrations of CO in the effluent stream in parts per million, by volume, and oxygen in volume percent, measured before and after the tune-up of the boiler. (ii) A description of any corrective actions taken as a part of the tune-up of the boiler. (iii) The type and amount of fuel used over the 12 months prior to the biennial tune-up of the boiler.	40 CFR Section 63.11223(b)(6)
As required in 40 CFR Section 63.10(b)(2)(xiv), the Permittee shall keep a copy of each notification and report submitted to comply with 40 CFR pt. 63, subp. JJJJJJ and all documentation supporting any Initial Notification or Notification of Compliance Status submitted by the Permittee.	40 CFR Sections 63.11225(c)(1) & 63.10(b)(2)(xiv)
Fuel Switches - If the Permittee intends to switch fuels, and this fuel switch may result in the applicability of a different subcategory or a switch out of subpart JJJJJJ due to a switch to 100 percent natural gas, the Permittee shall provide 30 days prior notice of the date upon which the Permittee will switch fuels. The notification must identify: (1) The name of the owner or operator of the affected source, the location of the source, the boiler(s) that will switch fuels, and the date of the notice. (2) The currently applicable subcategory under 40 CFR pt. 63, subp. JJJJJJ. (3) The date on which you became subject to the currently applicable standards. (4) The date upon which you will commence the fuel switch.	40 CFR Section 63.11225(g)

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Subject Item: **GP 003 Material Handling Cyclones**

Associated Items: EU 001 Stick Polisher Cyclone (SV 001)

EU 009 Stick Polisher Cyclone TBR (SV 009 TBR)

EU 010 Round TP Line Dust & Large Particle Cyclone (SV 010 TBR then CE 002 only)

EU 012 Splint Material Handling Cyclone Louisville (SV 012)

EU 016 ICS Seeder Cyclone (SV 016)

EU 021 CDS Polishing Cyclone (SV 019)

EU 026 Round TP Pointing Cyclone (SV 024)

EU 027 Rounding TP Pointing Reclaim Cyclone (SV 025)

EU 028 SCR TP Pointing Cyclone TBR (SV 026 TBR)

EU 029 SCR TP Pointing Cyclone TBR (SV 027 TBR)

EU 035 Splint Transfer Cyclone (SV 033 TBR then CE 001 only)

EU 036 Sandwich TP/Shapes Transfer Cyclone TBR (SV 034 TBR)

EU 037 SCR Recycle TBR (SV 035 TBR)

SV 001 Stick Polisher Cyclone Stack

SV 009 Stick Polisher Cyclone Stack TBR

SV 010 TP Polisher Cyclone Stack TBR

SV 012 Splint Material Handling Cyclone Stack

SV 016 ICS Seeder Cyclone Stack

SV 019 CDS Polisher Cyclone Stack

SV 024 Round TP Pointing Cyclone Stack

SV 025 Round TP Pointing Reclaim Cyclone Stack

SV 026 TP Pointing Cyclone Stack TBR

SV 027 TP Pointing Cyclone Stack TBR

SV 033 Splint Transfer Cyclone Stack TBR

SV 034 Shapes Transfer Cyclone Stack TBR

SV 035 SCR Recycle Stack TBR

What to do	Why to do it
EMISSION LIMITS	hdr
The following PM10 emission limits apply until the equipment is retired or re-routed and the associtates stack/vent is retired as required by this permit (No. 01700003-004) in GP 005: Emission Unit/Stack Vent — PM10 Emission Limit (lb/hr) EU 009/SV 009 — 0.26 (emission unit and stack removed/offline) EU 010/SV 010 — 0.29 (re-routed to CE 002) EU 028/SV 026 — 0.144 (emission unit and stack removed/offline) EU 029/SV 027 — 0.144 (emission unit and stack removed/offline) EU 035/SV 033 — 0.32 (re-routed to CE 001) EU 036/SV 034 — 0.21 (emission unit and stack removed/offline) EU 037/SV 035 — 0.21 (emission unit and stack removed/offline) Refer to subject items SV 001, SV 012, SV 016, SV 019, SV 024, and SV 025 for applicable PM10 (and PM2.5) limits for SV 001, SV 012, SV 016, SV 019, SV 024, and SV 025.	Title I Condition: To avoid violation of PM10 ambient air standard; Minn. R. 7007.3000
Total Particulate Matter: less than or equal to 0.30 grains/dry standard cubic foot of exhaust gas unless required to further reduce emissions to comply with the less stringent limit of either Minn R. 7011.0730 or Minn. R. 7011.0735. This limit no longer applies to each of the emission units EU 009, EU 028, EU 029, EU 036, and EU 037 upon shutdown of each of these emission units.	Minn. R. 7011.0710, subp. 1(A) and 7011.0715, subp. 1(A)

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Opacity: less than or equal to 20 percent opacity except for one six-minute period per hour of not more than 60 percent opacity for EU 012/SV 012 and EU 021/SV 019.	Minn. R. 7011.0710, subp. 1(B)
Opacity: less than or equal to 20 percent opacity for stack that vents emissions from EU 001/SV 001, EU 009/SV 009, EU 010/SV 010 then CE 002, EU 016/SV 016, EU 026/SV 024, EU 027/SV 025, EU 028/SV 026, EU 029/SV 027, EU 035/SV 033 then CE 001, EU 036/SV 034, and EU 037/SV 035. This limit no longer applies to EU 010 and EU 035 after re-routing to CE 002 and CE 001, respectively. This limit no longer applies to each of the emission units EU 009, EU 028, EU 029, EU 036, and EU 037 upon shutdown of each of these emission units.	Minn. R. 7011.0715, subp. 1(A)
PERFORMANCE TESTING REQUIREMENTS	hdr
Initial Performance Test: due 180 days after Equipment Installation to measure SV 012 PM10 emissions. Equipment installation is the modification of SV 012 to a height of 61.5 feet (up no-cap).	Title I Condition: To avoid exceedance of the PM10 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000; Minn. R. 7017.2020, subp. 1
Initial Performance Test: due 180 days after Equipment Installation to measure SV 012 PM2.5 emissions. Equipment installation is the modification of SV 012 to a height of 61.5 feet (up no-cap). The Permittee may elect to forgo PM2.5 testing by conducting only PM10 testing and assuming all PM10 emissions are PM2.5.	Title I Condition: To avoid exceedance of the PM2.5 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000; Minn. R. 7017.2020, subp. 1

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Permit Number: 01700003 - 004

Subject Item: **GP 004 VOC and HAP Usage Sources**

Associated Items: EU 017 Offset UV 4 Color Web Press (FS 001)

EU 018 Cold Dry 2 Color 28 Inch Press (FS 001)

EU 019 Cold Dry 2 Color 25 Inch Press (FS 001)

EU 020 Toothpick Coloring Exhaust S (SV 018; Large Dye Room)

EU 053 Toothpick Coloring Exhaust N (SV 017; Small Dye Room)

FS 001 Indoor-vented Miscellaneous Parts Washing Solvent, and Printing Emissions

SV 017 Toothpick Coloring Exhaust - N (Small Dye Room)

SV 018 Toothpick Coloring Exhaust - S (Large Dye Room)

What to do	Why to do it
EIMISSION LIMITS	hdr
Volatile Organic Compounds: less than or equal to 82.9 tons/year using 12-month Rolling Sum for total VOC emissions from all GP 004 VOC emission sources calculated by the 15th day of each month for the previous 12-month period.	Title I Condition: To avoid classification as a major source under 40 CFR Section 52.21 & Minn. R. 7007.3000; to avoid major source classification under 40 CFR Section 70.2 and Minn. R. 7007.0200
HAP-Single: less than or equal to 8.1 tons/year using 12-month Rolling Sum for each single HAP as a total for all GP 004 HAP emission sources calculated by the 15th day of each month for the previous 12-month period. HAP contents for each HAP-containing material (press wash, blanket wash, etc.) shall be determined as described under the Material Content requirement in GP 004. The HAPs emission calculation may take into account recovered/recycled HAPs as described under the Waste Credit requirement in GP 004.	Title I Condition: To avoid major source classification under 40 CFR Section 63.2; To avoid major source classification under 40 CFR Section 70.2 and Minn. R. 7007.0200
HAPs - Total: less than or equal to 15.3 tons/year using 12-month Rolling Sum for all GP 004 HAP emission sources calculated by the 15th day of each month for the previous 12-month period.	Title I Condition: To avoid major source classification under 40 CFR Section 63.2; To avoid major source classification under 40 CFR Section 70.2 and Minn. R. 7007.0200
MONITORING AND RECORDKEEPING	NEED TO VERIFY TOTAL HAPS CALCUALTIONS ARE REQUIRED hdr
Material Content: VOC and HAPs content of each material used in GP 004 emission units shall be determined by the Material Safety Data Sheet (MSDS) provided by the supplier for each material used. If a material content range is given on the MSDS, the highest number in the range shall be used in all compliance calculations. Other alternative methods approved by the MPCA may be used to determine the VOC and HAP contents. The Commissioner reserves the right to require the Permittee to determine the VOC and HAP contents of any material, according to EPA or ASTM reference methods. If an EPA or ASTM reference method is used for material content determination, the data obtained shall supersede the MSDS.	Minn. R. 7007.0800, subp. 4 and 5
Maximum Contents of Materials: The Permittee assumed certain worst-case contents of materials when determining the short term (lb/hr) VOC potential to emit for GP 004 emission units. These assumptions are listed in Appendix C of this permit. Changing to a material that has a higher VOC content is considered a change in method of operation that must be evaluated under Minn. R. 7007.1200, subp. 3 to determine if a permit amendment or notification is required under Minn. R. 7007.1150.	Minn. R. 7005.0100, subp. 35a
Monthly Recordkeeping - GP 004 VOC Emissions. By the 15th day of each month, the Permittee shall calculate and record the following using the formulas specified in this permit: 1) The total usage of each VOC-containing material in the previous calendar month. This record shall also include the VOC content of each VOC-containing material used in the previous month, as determined by the Material Content requirement of this permit. 2) The total VOC emissions for the previous month using the formulas specified in this permit. 3) The 12-month rolling sum total VOC emissions for the previous 12-month period by summing the monthly emissions data for the previous 12 months.	Minn. R. 7007.0800, subps. 4 and 5

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Monthly Calculation - GP 004 VOC Emissions: The Permittee shall calculate monthly GP 004 VOC emissions using the following equations: GP 004 VOC Emissions (tons/month) = H - W where: H = (A1 x B1) + (A2 x B2) + (A3 x B3) + ... W = (C1 x D1) + (C2 x D2) + (C3 x D3) + ... (continued)	Minn. R. 7007.0800, subps. 4 and 5
Monthly Calculation - GP 004 VOC Emissions (continued from above): where: H = the amount of VOC used, in tons/month. A# = Amount of each VOC-containing material used in the previous month, in tons/month. B# = weight percent of VOC in A#, as a fraction (e.g., 50% is 0.50). W = the amount of VOC shipped in waste, in tons/month. C# = amount, in tons/month, of each VOC-containing waste material shipped. D# = weight percent of VOC in C#, as a fraction. If the Permittee chooses to not take credit for waste shipments, C# is zero and need not be tracked.	Minn. R. 7007.0800, subps. 4 and 5
Monthly Recordkeeping - GP 004 HAP Emissions. By the 15th of the month, the Permittee shall calculate and record the following using the formulas specified in this permit: 1. The total of each HAP-containing material used in the previous calendar month. This record shall also include the individual and total HAP contents of each HAP-containing material used in the previous month, as determined by the Material Content requirement of this permit; 2. The total and individual HAP emissions for the previous month using the formulas specified in this permit; and 3. The 12-month rolling sum total and individual HAP emissions for the previous 12-month period by summing the monthly emissions data for the previous 12 months. (continued)	Minn. R. 7007.0800, subps. 4 and 5
Monthly Calculation - GP 004 HAP Emissions: The Permittee shall calculate monthly GP 004 HAP emissions using the following equations: GP 004 HAP Emissions (tons/month) = h - w where: h = (a1 x b1) + (a2 x b2) + (a3 x b3) + ... w = (c1 x d1) + (c2 x d2) + (c3 x d3) + ... (continued)	Minn. R. 7007.0800, subps. 4 and 5
Monthly Calculation - GP 004 HAP Emissions (continued from above): Where: h = the amount of each pollutant (either total HAP or each individual HAP), used, in tons/month. a# = Amount of each HAP-containing material used in the previous month, in tons/month. b# = weight percent of each individual or total HAP in A#, as a fraction (e.g., 50% is 0.50). w = the amount of each pollutant (either total HAP or each individual HAP) shipped in waste, in tons/month. c# = amount, in tons/month, of each HAP-containing waste material shipped. If the Permittee chooses to not take credit for waste shipments, this parameter would be zero. d# = weight percent of each individual or total HAP in C#, as a fraction.	Minn. R. 7007.0800, subps. 4 and 5

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Waste Credit: If the Permittee elects to obtain credit for HAPs and/or VOC shipped in waste materials, the Permittee shall either use item 1 or 2 to determine the VOC and/or total and individual HAP content for each credited shipment. 1) The Permittee shall analyze a composite sample of each waste shipment to determine the weight content of VOC, total HAP, and each individual HAP, excluding water. 2) The Permittee may use supplier data for raw materials to determine the VOC and total and individual HAP contents of each waste shipment, using the same content data used to determine the content of raw materials. If the waste contains several materials, the content of mixed waste shall be assumed to be the lowest VOC and total and individual HAP content of any of the materials.	Minn. R. 7007.0800, subps. 4 and 5

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Permit Number: 01700003 - 004

Subject Item: **GP 005 Permit 004 Equipment and Stack Changes**

Associated Items:

CE 001 Fabric Filter - Low Temperature, i.e., T<180 Degrees F

CE 002 Fabric Filter - Low Temperature, i.e., T<180 Degrees F

CE 004 Fabric Filter - Low Temperature, i.e., T<180 Degrees F

EU 009 Stick Polisher Cyclone TBR (SV 009 TBR)

EU 010 Round TP Line Dust & Large Particle Cyclone (SV 010 TBR then CE 002 only)

EU 028 SCR TP Pointing Cyclone TBR (SV 026 TBR)

EU 029 SCR TP Pointing Cyclone TBR (SV 027 TBR)

EU 032 E SCR Toothpick Dryer (SV 030 TBR then CE 001 only)

EU 033 Craft Dryer TBR (SV 031 TBR)

EU 034 Large Toothpick Dryer Cyclone (SV 032 TBR then CE 001 only)

EU 035 Splint Transfer Cyclone (SV 033 TBR then CE 001 only)

EU 036 Sandwich TP/Shapes Transfer Cyclone TBR (SV 034 TBR)

EU 037 SCR Recycle TBR (SV 035 TBR)

EU 039 SAF Routers/Saw/Planer (CE 002)

EU 040 Chambon Press, Die Cutter Waste Dust (CE 004)

EU 041 Chambon Press, Paper Roll Dust (CE 004)

EU 042 Match Machine #6 (CE 004)

EU 043 Match Machine #6 Splint Transfer Cyclone (CE 004)

EU 044 Match Machine #5 (CE 004)

EU 045 Match Machine #5 Splint Transfer Cyclone (CE 004)

EU 046 Match Machine #4 (CE 004)

EU 047 Match Machine #3 (CE 004)

EU 048 Match Machine #4 & #3 Splint Transfer Cyclone (CE 004)

EU 049 Multimatch Splint Loader Dust (CE 004)

EU 050 Wood Fuel Bin (Boiler House) Dust (CE 001)

EU 051 Bulk Storage Splint Bin Cyclone System (CE 001)

EU 052 Match Splint Cyclone System (CE 001)

SV 001 Stick Polisher Cyclone Stack

SV 002 Ice Cream Stick Dryer Stack

SV 009 Stick Polisher Cyclone Stack TBR

SV 010 TP Polisher Cyclone Stack TBR

SV 012 Splint Material Handling Cyclone Stack

SV 016 ICS Seeder Cyclone Stack

SV 019 CDS Polisher Cyclone Stack

SV 020 Common Boiler Stack

SV 021 Air-Cure Fabric Filter No. 1 (CE 001) Stack TBR

SV 024 Round TP Pointing Cyclone Stack

SV 025 Round TP Pointing Reclaim Cyclone Stack

SV 026 TP Pointing Cyclone Stack TBR

SV 027 TP Pointing Cyclone Stack TBR

SV 029 Air-Cure Fabric Filter No. 2 (CE 004) Stack TBR

SV 030 Toothpick Dryer Stack TBR

SV 031 Craft Dryer Stack TBR

SV 032 Large Toothpick Dryer Stack TBR

SV 033 Splint Transfer Cyclone Stack TBR

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Associated Items: SV 034 Shapes Transfer Cyclone Stack TBR
SV 035 SCR Recycle Stack TBR
SV 036 Carter Day Fabric Filter (CE 002) Stack TBR
SV 037 V01 - Bldg 6 Woodsie Greenheck Roof Fan
SV 040 V04 - Bldg 6 Louisville Greenheck Roof Fan
SV 041 V05 - Bldg 6 Dryer Greenheck Roof Fan
SV 042 V06 - Bldg 6 Coe Dryer Cooling Fan
SV 043 V07 - Bldg 5 Wall Fan North of FTP
SV 044 V08 - Bldg 5 Wall Fan above TP Bin
SV 045 V09 - Bldg 5 Mezzanine Greenheck Roof Fan

What to do	Why to do it
EQUIPMENT SHUTDOWN REQUIREMENTS	hdr
Shutdown: due 182 days after Permit Issuance. This shutdown requirement applies to: 1. SV 009 2. EU 009 3. SV 021 4. SV 026 5. EU 028 6. SV 027 7. EU 029 8. SV 029 9. SV 031 10. EU 033	Title I Condition: To avoid exceedance of the PM10 and PM2.5 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000
Shutdown: due 365 days after Permit Issuance. This shutdown requirement applies to: 1. SV 034 2. EU 036 3. SV 035 4. EU 037 5. SV 036	Title I Condition: To avoid exceedance of the PM10 and PM2.5 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000
Shutdown: due 547 days after Permit Issuance. This shutdown requirement applies to SV 033.	Title I Condition: To avoid exceedance of the PM10 and PM2.5 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000
Shutdown: due 730 days after Permit Issuance. This shutdown requirement applies to: 1. SV 010 2. SV 030 3. SV 032	Title I Condition: To avoid exceedance of the PM10 and PM2.5 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000
EQUIPMENT RE-ROUTING REQUIREMENTS	hdr
Equipment Installation: due 182 days after Permit Issuance. Equipment Installation is the following: 1. Re-routing of EU 042, EU 043, EU 044, EU 045, EU 046, EU 047, EU 048, and EU 049 to CE 004; 2. Venting of CE 004 (currently vented through SV 029) into building 5; 3. Venting of CE 001 (currently vented through SV 021) into building 6; 4. Re-routing EU 050 to CE 001.	Title I Condition: To avoid exceedance of the PM10 and PM2.5 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000
Equipment Installation: due 365 days after Permit Issuance. Equipment Installation is the following: 1. Re-routing EU 040 and EU 041 to CE 004; 2. Venting of CE 002 (currently vented through SV 036) into building 5; 3. Re-routing of EU 039 to CE 002.	Title I Condition: To avoid exceedance of the PM10 and PM2.5 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000
Equipment Installation: due 547 days after Permit Issuance. Equipment Installation is the following: 1. Re-routing EU 035, EU 051, and EU 052 to CE 001.	Title I Condition: To avoid exceedance of the PM10 and PM2.5 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000

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Equipment Installation: due 730 days after Permit Issuance. Equipment Installation is the following: 1. Re-routing of EU 010 to CE 002; 2. Re-routing of EU 032 and EU 034 to CE 001.	Title I Condition: To avoid exceedance of the PM10 and PM2.5 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000
STACK CHANGE REQUIREMENTS	hdr
Equipment Installation: due 182 days after Permit Issuance. Equipment installation is the increase of SV 020 height to 120 feet (above grade) with a stack exit of up no-cap.	Title I Condition: To avoid exceedance of the PM10 and PM2.5 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000
Equipment Installation: due 547 days after Permit Issuance. Equipment installation is the increase of the following stack heights (above grade) with the following stack exit parameters: 1. SV 037 - 54.5 ft; up no-cap 2. SV 040 - 55.25 ft; up no-cap 3. SV 041 - 55.5 ft; up no-cap 4. SV 042 - 9.17 ft; up no-cap 5. SV 043 - 51.0 ft; up no-cap 6. SV 044 - 52.0 ft; up no-cap 7. SV 045 - 56.5 ft; up no-cap	Title I Condition: To avoid exceedance of the PM10 and PM2.5 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000
Equipment Installation: due 730 days after Permit Issuance. Equipment installation is the increase of the following stack heights (above grade) with the following stack exit parameters: 1. SV 001 - 61.5 ft; up no-cap 2. SV 002 - 34.33 ft; up no-cap 3. SV 012 - 61.5 ft; up no-cap 4. SV 016 - 65.0 ft; up no-cap 5. SV 019 - 63.58 ft; up no-cap 6. SV 024 - 53.75 ft; up no-cap 7. SV 025 - 50.25 ft; up no-cap	Title I Condition: To avoid exceedance of the PM10 and PM2.5 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000

Facility Name: Jarden Home Brands

Permit Number: 01700003 - 004

Subject Item: **GP 006 Baghouse 2 (CE 002) and Baghouse 3 (CE 004) Combined Limits**

Associated Items: BG 005 Bldg 5 V7 - V9 (CE 002 & CE 004 indoor vent)

CE 002 Fabric Filter - Low Temperature, i.e., T<180 Degrees F

CE 004 Fabric Filter - Low Temperature, i.e., T<180 Degrees F

What to do	Why to do it
Baghouse 2 is CE 002/Carter Day Dust Collector Baghouse 3 is CE 004/Air Cure No. 2 Dust Collector	hdr
PM < 10 micron: less than or equal to 1.210 lbs/hour using 24-hour Rolling Average for total PM10 emissions from CE 002 and CE 004.	Title I Condition: To avoid exceedance of the PM10 and PM2.5 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000
PM < 2.5 micron: less than or equal to 0.675 lbs/hour using 24-hour Rolling Average for total PM2.5 emissions from CE 002 and CE 004.	Title I Condition: To avoid exceedance of the PM10 and PM2.5 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000
Performance Test: due 180 days after Equipment Installation. Equipment installation is the re-routing of EU 010 and EU 039 emissions to CE 002. Testing shall measure CE 002 PM10 emissions while all processes (EU 010 and EU 039) that vent to CE 002 are operating. Testing shall occur on the same day as CE 004 PM10 testing and the CE 002 and CE 004 PM10 test results shall be summed and compared to the GP 006 PM10 limit.	Title I Condition: To avoid exceedance of the PM10 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000; Minn. R. 7017.2020, subp. 1
Performance Test: due 180 days after Equipment Installation. Equipment installation is the re-routing of EU 040 and EU 041 emissions to CE 004. Testing shall measure CE 004 PM10 emissions while all processes (EU 031, and EU 040 through EU 049) that vent to CE 004 are operating. Testing shall occur on the same day as CE 002 PM10 testing and the CE 002 and CE 004 PM10 test results shall be summed and compared to the GP 006 PM10 limit.	Title I Condition: To avoid exceedance of the PM10 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000; Minn. R. 7017.2020, subp. 1
Performance Test: due 180 days after Equipment Installation. Equipment installation is the re-routing of EU 010 and EU 039 emissions to CE 002. Testing shall measure CE 002 PM2.5 emissions while all processes (EU 010 and EU 039) that vent to CE 002 are operating. Testing shall occur on the same day as CE 004 PM2.5 testing and the CE 002 and CE 004 PM2.5 test results shall be summed and compared to the GP 006 PM2.5 limit. The Permittee may elect to forgo PM2.5 testing by conducting only PM10 testing and assuming all PM10 emissions are PM2.5.	Title I Condition: To avoid exceedance of the PM2.5 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000; Minn. R. 7017.2020, subp. 1
Performance Test: due 180 days after Equipment Installation. Equipment installation is the re-routing of EU 040 and EU 041 emissions to CE 004. Testing shall measure CE 004 PM2.5 emissions while all processes (EU 031, and EU 040 through EU 049) that vent to CE 004 are operating. Testing shall occur on the same day as CE 002 PM2.5 testing and the CE 002 and CE 004 PM2.5 test results shall be summed and compared to the GP 006 PM2.5 limit. The Permittee may elect to forgo PM2.5 testing by conducting only PM10 testing and assuming all PM10 emissions are PM2.5.	Title I Condition: To avoid exceedance of the PM2.5 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000; Minn. R. 7017.2020, subp. 1

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Subject Item: **GP 007 Buildings 5 & 6 Vents**

Associated Items: SV 037 V01 - Bldg 6 Woodsie Greenheck Roof Fan

SV 038 V02 - Bldg 6 East Wall Fan

SV 039 V03 - Bldg 6 Louisville Small Roof Fan

SV 040 V04 - Bldg 6 Louisville Greenheck Roof Fan

SV 041 V05 - Bldg 6 Dryer Greenheck Roof Fan

SV 042 V06 - Bldg 6 Coe Dryer Cooling Fan

SV 043 V07 - Bldg 5 Wall Fan North of FTP

SV 044 V08 - Bldg 5 Wall Fan above TP Bin

SV 045 V09 - Bldg 5 Mezzanine Greenheck Roof Fan

What to do	Why to do it
EMISSION LIMITS	hdr
PM < 10 micron: less than or equal to 0.28 lbs/hour using 24-hour Rolling Average . This limit applies individually to SV 037, SV 040, and SV 041.	Title I Condition: To avoid exceedance of the PM10 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000
PM < 2.5 micron: less than or equal to 0.15 lbs/hour using 24-hour Rolling Average . This limit applies individually to SV 037, SV 040, and SV 041.	Title I Condition: To avoid exceedance of the PM2.5 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000
PM < 10 micron: less than or equal to 0.049 lbs/hour using 24-hour Rolling Average . This limit applies individually to SV 038 and SV 039.	Title I Condition: To avoid exceedance of the PM10 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000
PM < 2.5 micron: less than or equal to 0.027 lbs/hour using 24-hour Rolling Average . This limit applies individually to SV 038 and SV 039.	Title I Condition: To avoid exceedance of the PM2.5 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000
PM < 10 micron: less than or equal to 0.031 lbs/hour using 24-hour Rolling Average for SV 042.	Title I Condition: To avoid exceedance of the PM10 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000
PM < 2.5 micron: less than or equal to 0.017 lbs/hour using 24-hour Rolling Average for SV 042.	Title I Condition: To avoid exceedance of the PM2.5 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000
PM < 10 micron: less than or equal to 0.17 lbs/hour using 24-hour Rolling Average . This limit applies individually to SV 043 and SV 044.	Title I Condition: To avoid exceedance of the PM10 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000
PM < 2.5 micron: less than or equal to 0.094 lbs/hour using 24-hour Rolling Average . This limit applies individually to SV 043 and SV 044.	Title I Condition: To avoid exceedance of the PM2.5 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000
PM < 10 micron: less than or equal to 0.36 lbs/hour using 24-hour Rolling Average for SV 045.	Title I Condition: To avoid exceedance of the PM10 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000
PM < 2.5 micron: less than or equal to 0.20 lbs/hour using 24-hour Rolling Average for SV 045.	Title I Condition: To avoid exceedance of the PM2.5 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000
PERFORMANCE TESTING REQUIREMENTS	hdr
Initial Performance Test: due 180 days after Equipment Installation to measure SV 043 PM10 emissions. Equipment installation is the modification of SV 043 to a height of 51.0 feet (up no-cap).	Title I Condition: To avoid exceedance of the PM10 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000; Minn. R. 7017.2020, subp. 1

Facility Name: Jarden Home Brands

Permit Number: 01700003 - 004

Initial Performance Test: due 180 days after Equipment Installation to measure SV 043 PM2.5 emissions. Equipment installation is the modification of SV 043 to a height of 51.0 feet (up no-cap). The Permittee may elect to forgo PM2.5 testing by conducting only PM10 testing and assuming all PM10 emissions are PM2.5.	Title I Condition: To avoid exceedance of the PM2.5 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000; Minn. R. 7017.2020, subp. 1

Facility Name: Jarden Home Brands

Permit Number: 01700003 - 004

Subject Item: **SV 001 Stick Polisher Cyclone Stack**

Associated Items: EU 001 Stick Polisher Cyclone (SV 001)

GP 003 Material Handling Cyclones

GP 005 Permit 004 Equipment and Stack Changes

What to do	Why to do it
PM < 10 micron: less than or equal to 0.23 lbs/hour using 24-hour Rolling Average	Title I Condition: To avoid exceedance of the PM10 and PM2.5 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000
PM < 2.5 micron: less than or equal to 0.13 lbs/hour using 24-hour Rolling Average	Title I Condition: To avoid exceedance of the PM10 and PM2.5 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000
Refer to GP 003 for SV 001 performance testing requirements.	hdr

Facility Name: Jarden Home Brands

Permit Number: 01700003 - 004

Subject Item: **SV 002 Ice Cream Stick Dryer Stack**

Associated Items: EU 002 Ice Cream Stick Dryer (SV 002)

GP 001 Dryers (Steam-heated)

GP 005 Permit 004 Equipment and Stack Changes

What to do	Why to do it
PM < 10 micron: less than or equal to 0.12 lbs/hour using 24-hour Rolling Average	Title I Condition: To avoid exceedance of the PM10 and PM2.5 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000
PM < 2.5 micron: less than or equal to 0.068 lbs/hour using 24-hour Rolling Average	Title I Condition: To avoid exceedance of the PM10 and PM2.5 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000
Refer to GP 001 for additional requirements.	hdr

Facility Name: Jarden Home Brands

Permit Number: 01700003 - 004

Subject Item: **SV 003 No. 1 Splint Dryer Stack**

Associated Items: EU 003 No. 1 Splint Dryer (SV 003)

GP 001 Dryers (Steam-heated)

What to do	Why to do it
PM < 10 micron: less than or equal to 0.058 lbs/hour using 24-hour Rolling Average	Title I Condition: To avoid exceedance of the PM10 and PM2.5 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000
PM < 2.5 micron: less than or equal to 0.034 lbs/hour using 24-hour Rolling Average	Title I Condition: To avoid exceedance of the PM10 and PM2.5 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000
Refer to GP 001 for additional requirements.	hdr

Facility Name: Jarden Home Brands

Permit Number: 01700003 - 004

Subject Item: **SV 004 No. 2 Splint Dryer Stack**

Associated Items: EU 004 No. 2 Splint Dryer (SV 004)

GP 001 Dryers (Steam-heated)

What to do	Why to do it
PM < 10 micron: less than or equal to 0.070 lbs/hour using 24-hour Rolling Average	Title I Condition: To avoid exceedance of the PM10 and PM2.5 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000
PM < 2.5 micron: less than or equal to 0.040 lbs/hour using 24-hour Rolling Average	Title I Condition: To avoid exceedance of the PM10 and PM2.5 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000
Refer to GP 001 for additional requirements.	hdr

Facility Name: Jarden Home Brands

Permit Number: 01700003 - 004

Subject Item: **SV 012 Splint Material Handling Cyclone Stack**

Associated Items: EU 012 Splint Material Handling Cyclone Louisville (SV 012)

GP 003 Material Handling Cyclones

GP 005 Permit 004 Equipment and Stack Changes

What to do	Why to do it
EMISSION LIMITS	hdr
PM < 10 micron: less than or equal to 0.34 lbs/hour using 24-hour Rolling Average	Title I Condition: To avoid exceedance of the PM10 and PM2.5 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000
PM < 2.5 micron: less than or equal to 0.19 lbs/hour using 24-hour Rolling Average	Title I Condition: To avoid exceedance of the PM10 and PM2.5 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000
Refer to GP 003 for SV 012 performance testing requirements.	hdr

Facility Name: Jarden Home Brands

Permit Number: 01700003 - 004

Subject Item: **SV 013 Coe Veneer Dryer Stack 1**

Associated Items: EU 013 Coe Veneer Dryer (SV 013 & SV 014)

GP 001 Dryers (Steam-heated)

What to do	Why to do it
EMISSION LIMITS	hdr
PM < 10 micron: less than or equal to 0.039 lbs/hour using 24-hour Rolling Average	Title I Condition: To avoid exceedance of the PM10 and PM2.5 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000
PM < 2.5 micron: less than or equal to 0.028 lbs/hour using 24-hour Rolling Average	Title I Condition: To avoid exceedance of the PM10 and PM2.5 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000
Refer to GP 001 and EU 013 for additional requirements.	hdr

Facility Name: Jarden Home Brands

Permit Number: 01700003 - 004

Subject Item: **SV 014 Coe Veneer Dryer Stack 2**

Associated Items: EU 013 Coe Veneer Dryer (SV 013 & SV 014)

GP 001 Dryers (Steam-heated)

What to do	Why to do it
EMISSION LIMITS	hdr
PM < 10 micron: less than or equal to 0.039 lbs/hour using 24-hour Rolling Average	Title I Condition: To avoid exceedance of the PM10 and PM2.5 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000
PM < 2.5 micron: less than or equal to 0.028 lbs/hour using 24-hour Rolling Average	Title I Condition: To avoid exceedance of the PM10 and PM2.5 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000
Refer to GP 001 and EU 013 for additional requirements.	hdr

Facility Name: Jarden Home Brands

Permit Number: 01700003 - 004

Subject Item: **SV 015 Flat Toothpick Dryer Stack**

Associated Items: EU 015 Flat Toothpick Dryer (SV 015)

GP 001 Dryers (Steam-heated)

What to do	Why to do it
PM < 10 micron: less than or equal to 0.067 lbs/hour using 24-hour Rolling Average	Title I Condition: To avoid exceedance of the PM10 and PM2.5 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000
PM < 2.5 micron: less than or equal to 0.039 lbs/hour using 24-hour Rolling Average	Title I Condition: To avoid exceedance of the PM10 and PM2.5 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000
Refer to GP 001 for additional requirements.	hdr

Facility Name: Jarden Home Brands

Permit Number: 01700003 - 004

Subject Item: **SV 016 ICS Seeder Cyclone Stack**

Associated Items: EU 016 ICS Seeder Cyclone (SV 016)

GP 003 Material Handling Cyclones

GP 005 Permit 004 Equipment and Stack Changes

What to do	Why to do it
PM < 10 micron: less than or equal to 0.23 lbs/hour using 24-hour Rolling Average	Title I Condition: To avoid exceedance of the PM10 and PM2.5 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000
PM < 2.5 micron: less than or equal to 0.13 lbs/hour using 24-hour Rolling Average	Title I Condition: To avoid exceedance of the PM10 and PM2.5 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000
Refer to GP 003 for SV 016 performance testing requirements.	hdr

Facility Name: Jarden Home Brands

Permit Number: 01700003 - 004

Subject Item: **SV 017 Toothpick Coloring Exhaust - N (Small Dye Room)**

Associated Items: EU 053 Toothpick Coloring Exhaust N (SV 017; Small Dye Room)

GP 004 VOC and HAP Usage Sources

What to do	Why to do it
PM < 10 micron: less than or equal to 0.027 lbs/hour using 24-hour Rolling Average	Title I Condition: To avoid exceedance of the PM10 and PM2.5 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000
PM < 2.5 micron: less than or equal to 0.015 lbs/hour using 24-hour Rolling Average	Title I Condition: To avoid exceedance of the PM10 and PM2.5 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000

Facility Name: Jarden Home Brands

Permit Number: 01700003 - 004

Subject Item: **SV 018 Toothpick Coloring Exhaust - S (Large Dye Room)**

Associated Items: EU 020 Toothpick Coloring Exhaust S (SV 018; Large Dye Room)

GP 004 VOC and HAP Usage Sources

What to do	Why to do it
PM < 10 micron: less than or equal to 0.10 lbs/hour using 24-hour Rolling Average	Title I Condition: To avoid exceedance of the PM10 and PM2.5 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000
PM < 2.5 micron: less than or equal to 0.054 lbs/hour using 24-hour Rolling Average	Title I Condition: To avoid exceedance of the PM10 and PM2.5 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000

Facility Name: Jarden Home Brands

Permit Number: 01700003 - 004

Subject Item: **SV 019 CDS Polisher Cyclone Stack**

Associated Items: EU 021 CDS Polishing Cyclone (SV 019)

GP 003 Material Handling Cyclones

GP 005 Permit 004 Equipment and Stack Changes

What to do	Why to do it
PM < 10 micron: less than or equal to 0.29 lbs/hour using 24-hour Rolling Average	Title I Condition: To avoid exceedance of the PM10 and PM2.5 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000
PM < 2.5 micron: less than or equal to 0.16 lbs/hour using 24-hour Rolling Average	Title I Condition: To avoid exceedance of the PM10 and PM2.5 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000
Refer to GP 003 for SV 019 performance testing requirements.	hdr

Facility Name: Jarden Home Brands

Permit Number: 01700003 - 004

Subject Item: **SV 020 Common Boiler Stack**

Associated Items: EU 022 Boiler 1

EU 023 Boiler 2

EU 024 Boiler 3

EU 025 Boiler 4

GP 002 Boilers

GP 005 Permit 004 Equipment and Stack Changes

MR 001 Boilers 1-4

What to do	Why to do it
EMISSION LIMITS	hdr
PM < 10 micron: less than or equal to 9.60 lbs/hour using 24-hour Rolling Average	Title I Condition: To avoid exceedance of the PM10 and PM2.5 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000
PM < 2.5 micron: less than or equal to 9.60 lbs/hour using 24-hour Rolling Average	Title I Condition: To avoid exceedance of the PM10 and PM2.5 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000
Carbon Monoxide: less than or equal to 0.68 lbs/million Btu heat input	Minn. R. 7007.0800, subp. 2 to avoid major source classification under 40 CFR Section 70.2 and Minn. R. 7007.0200
Carbon Monoxide: less than or equal to 94.7 tons/year using 12-month Rolling Sum . The Permittee may elect to comply with this limit in place of the 0.68 lb/mmBtu limit. If the Permittee elects to comply with this limit, the Permittee shall meet the SV 020 CO recordkeeping requirement.	Minn. R. 7007.0800, subp. 2 to avoid major source classification under 40 CFR Section 70.2 and Minn. R. 7007.0200
CONTINUOUS OPACITY MONITORING REQUIREMENTS	hdr
Emissions Monitoring: The Permittee shall use a Continuous Opacity Monitoring System (COMS) to measure opacity from SV 020.	Minn. R. 7017.1006
Continuous Operation: The COMS must be operated and data recorded during all periods of emission unit operation including periods of emission unit start-up, shutdown, or malfunction except for periods of acceptable monitor downtime. This requirement applies whether or not a numerical emission limit applies during these periods. The COMS must not be bypassed except in emergencies where failure to bypass would endanger human health, safety, or plant equipment. Acceptable monitor downtime includes reasonable periods as listed in Items A, B, C, and D of Minn. R. 7017.1090, subp. 2.	Minn. R. 7017.1090, subp. 1
Recordkeeping: The owner or operator must retain records of all COMS monitoring data and support information for a period of five years from the date of the monitoring sample, measurement or report. Records shall be kept at the facility.	Minn. R. 7007.1130
Monitoring Data: All COMS data must be reduced to six-minute averages. A six minute average is valid only if it contains data from at least five minutes within the averaging period. COMS data shall be reduced and calculated as outlined in Minn. R. 7017.1200, subp. 3.	Minn. R. 7017.1200, subp. 1, 2 & 3
QA Plan: Develop and implement a written quality assurance plan for the COMS. The plan shall be on site and available for inspection within 30 days after monitor certification. The plan shall contain all of the information required by Minn. R. 7017.1210, subp. 1. The plan shall include the manufacturer's spare parts list for the COMS and require that those parts be kept at the facility unless the Commissioner gives written approval to exclude specific spare parts from the list.	Minn. R. 7017.1210, subp. 1
COMS Daily Calibration Drift Test: The owner or operator of a COMS shall conduct a daily zero and upscale calibration drift assessment and adjustments according to the requirements of 40 CFR Section 60.13(d)(2). The zero and upscale calibration levels must be determined by using the span value specified in the applicable requirement. If the applicable requirement does not specify a span value, a span value of 60, 70, or 80 percent opacity must be used unless an alternative span value is approved by the commissioner.	Minn. R. 7017.1210, subp. 2

Facility Name: Jarden Home Brands

Permit Number: 01700003 - 004

COMS Calibration Error Audit: due before the end of each calendar half-year following Permit Issuance. Audits are to be at least three months apart but no more than eight months apart except that a calibration error audit need not be conducted during any semiannual period in which the emission unit operated less than 24 hours. The calibration error audit shall be conducted according to the procedures in 40 CFR pt. 60, Appendix B, Perfomance Specification 1.	Minn. R. 7017.1210, subp. 3
COMS Calibration Error Audit Results Summary: due 30 days after end of each calendar quarter in which the COMS calibration error audit was completed.	Minn. R. 7017.1220
COMS Calibration Error Audit Notification: due 30 days before the COMS Calibration Error Audit.	Minn. R. 7017.1180, subp. 2
COMS Attenuator Calibration: The Permittee shall have an independent testing company conduct semiannual calibrations of each of the neutral density filters used in the calibration error audit according to the procedure in 40 CFR pt. 60, Appendix B.	Minn. R. 7017.1210, subp. 4
Changes to a COMS which Invalidate Certification. Any of the following changes to a certified COMS invalidates the certification status of the monitoring system: A. Replacement of the analyzer; B. Change in location or orientation of the sampling probe or site; C. Modification to the flue gas handling system which changes its flow characteristics; or D. A change that in the commissioner's judgment significantly affects the ability of the system to measure or record the pollutant concentration, volumetric gas flow, or opacity.	Minn. R. 7007.1050, subp. 2
Notification of Changes Requiring Recertification. The Permittee shall notify the commissioner in writing prior to making any planned changes which may invalidate the certification status of a COMS. If the change was unforeseen, the owner or operator shall notify the commissioner in writing within two working days after making the change. Deadline for Recertification. The Permittee shall conduct a recertification test on the COMS within 90 days of completion of any change which invalidates the monitor's certification status.	Minn. R. 7007.1050, subp. 4 & 5
COMS Certification Test Notification and Submittals COMS Certification Test Plan: due 30 days before COMS Certification Test COMS Certification Test Pretest Meeting: due 7 days before COMS Certification Test COMS Certification Test Report: due 45 days after COMS Certification Test COMS Certification Test Report - Microfiche Copy: due 105 days after COMS Certification Test The Notification, Test Plan, and Test Report may be submitted in alternate format as allowed by Minn. R. 7017.1120, subp. 2	Minn. R. 7017.1060, subp. 1-3; Minn. R. 7017.1080, subp. 1-4
PERFORMANCE TESTING REQUIREMENTS	hdr
Performance Test: due 180 days after Equipment Installation. Equipment installation is the increase of SV 020 height from 65 feet to 120 feet. Testing shall measure SV 020 PM10 emissions while all four boilers are operating.	Title I Condition: To avoid exceedance of the PM10 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000; Minn. R. 7017.2020, subp. 1
Performance Test: due 180 days after Equipment Installation. Equipment installation is the increase of SV 020 height from 65 feet to 120 feet. Testing shall measure SV 020 PM2.5 emissions while all four boilers are operating. The Permittee may elect to forgo PM2.5 testing by conducting only PM10 testing and assuming all PM10 emissions are PM2.5.	Title I Condition: To avoid exceedance of the PM2.5 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000; Minn. R. 7017.2020, subp. 1
Performance Test: due 365 days after Permit Issuance to measure SV 020 CO emissions.	Minn. R. 7007.0800, subp. 2 to avoid major source classification under 40 CFR Section 70.2 and Minn. R. 7007.0200; Minn. R. 7017.2020, subp. 1
RECORDKEEPING	hdr

Facility Name: Jarden Home Brands

Permit Number: 01700003 - 004

CO Emission Recordkeeping: If the Permittee elects to comply with the 94.7 ton per year (12-month rolling sum) CO limit (instead of the 0.68 lb/mmBtu CO limit), the Permittee shall conduct the following recordkeeping by the 15th day of each month: 1. Calculate and record the tons of each fuel type (chips, bark, and hogged waste wood) combusted by boilers 1 through 4 during the previous month; 2. Calculate and record the total monthly heat input during the previous month for all four boilers by converting the tons of each fuel type used to monthly heat input in mmBtus for each fuel type using the following heat contents: a. chips - 9.4 mmBtu/ton b. bark - 8.836 mmBtu/ton c. waste wood - 8.332 mmBtu/ton and then summing monthly heat input of each fuel type to deterine total monthly heat input; (continued)	Minn. R. 7007.0800, subp. 2 to avoid major source classification under 40 CFR Section 70.2 and Minn. R. 7007.0200; Minn. R. 7007.0800, subp. 5
CO Emission Recordkeeping (cont.): 3. By the 15th day of each month, the Permittee shall calculate and record the monthly SV 020 CO emissions using the following formula: CO = SV 020 HI * 0.68 lb/mmBtu * 1 ton/2000 lbs where: CO = monthly SV 020 CO emissions in tons; SV 020 HI = total monthly heat input to boilers 1 through 4 (EU 022 through EU 025) in mmBtus per month determined in item 2; 0.68 lb/mmBtu = CO emission factor unless updated by CO SV 020 performance testing; 4. by the 15th days of each month, calculate and record the 12-month rolling sum SV 020 CO emissions by summing the monthly CO emission rates for the previous 12 months.	Minn. R. 7007.0800, subp. 2 to avoid major source classification under 40 CFR Section 70.2 and Minn. R. 7007.0200; Minn. R. 7007.0800, subp. 5

Facility Name: Jarden Home Brands

Permit Number: 01700003 - 004

Subject Item: **SV 024 Round TP Pointing Cyclone Stack**

Associated Items: EU 026 Round TP Pointing Cyclone (SV 024)

GP 003 Material Handling Cyclones

GP 005 Permit 004 Equipment and Stack Changes

What to do	Why to do it
PM < 10 micron: less than or equal to 0.16 lbs/hour using 24-hour Rolling Average	Title I Condition: To avoid exceedance of the PM10 and PM2.5 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000
PM < 2.5 micron: less than or equal to 0.090 lbs/hour using 24-hour Rolling Average	Title I Condition: To avoid exceedance of the PM10 and PM2.5 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000

Facility Name: Jarden Home Brands

Permit Number: 01700003 - 004

Subject Item: **SV 025 Round TP Pointing Reclaim Cyclone Stack**

Associated Items: EU 027 Rounding TP Pointing Reclaim Cyclone (SV 025)

GP 003 Material Handling Cyclones

GP 005 Permit 004 Equipment and Stack Changes

What to do	Why to do it
PM < 10 micron: less than or equal to 0.053 lbs/hour using 24-hour Rolling Average	Title I Condition: To avoid exceedance of the PM10 and PM2.5 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000
PM < 2.5 micron: less than or equal to 0.029 lbs/hour using 24-hour Rolling Average	Title I Condition: To avoid exceedance of the PM10 and PM2.5 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000

Facility Name: Jarden Home Brands

Permit Number: 01700003 - 004

Subject Item: **EU 013 Coe Veneer Dryer (SV 013 & SV 014)**

Associated Items: GP 001 Dryers (Steam-heated)

SV 013 Coe Veneer Dryer Stack 1

SV 014 Coe Veneer Dryer Stack 2

What to do	Why to do it
PERFORMANCE TESTING REQUIREMENTS	hdr
Performance Test: due 60 days after Startup of EU 013 to measure SV 013 or SV 014 PM10 emissions.	Title I Condition: To avoid exceedance of the PM10 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000; Minn. R. 7017.2020, subp. 1
Performance Test: due 60 days after Startup to EU 013 to measure SV 013 or SV 014 PM2.5 emissions. The Permittee may elect to forgo PM2.5 testing by conducting only PM10 testing and assuming all PM10 emissions are PM2.5.	Title I Condition: To avoid exceedance of the PM2.5 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000; Minn. R. 7017.2020, subp. 1

Facility Name: Jarden Home Brands

Permit Number: 01700003 - 004

Subject Item: **CE 001 Fabric Filter - Low Temperature, i.e., T<180 Degrees F**

Associated Items: EU 005 TP Line Dust from Handling & Polishing (CE 001, SV 021 TBR then CE 021 only)

EU 006 Dust & Large Particle (Hog) Cyclone (CE 001, SV 021 TBR then CE 021 only)

EU 007 Hammermill Bark Cyclone (Bldg 8/9) (CE 001, SV 021 TBR then CE 021 only)

EU 008 Dust & Large Particle Splint System (A) (CE 001, SV 021 TBR then CE 021 only)

EU 011 Dust & Large Particle Splint System (B) (CE 001, SV 021 TBR then CE 021 only)

EU 032 E SCR Toothpick Dryer (SV 030 TBR then CE 001 only)

EU 034 Large Toothpick Dryer Cyclone (SV 032 TBR then CE 001 only)

EU 035 Splint Transfer Cyclone (SV 033 TBR then CE 001 only)

EU 050 Wood Fuel Bin (Boiler House) Dust (CE 001)

EU 051 Bulk Storage Splint Bin Cyclone System (CE 001)

EU 052 Match Splint Cyclone System (CE 001)

GP 005 Permit 004 Equipment and Stack Changes

What to do	Why to do it
EMISSION LIMITS CE 001 (Air-Cure No. 1 Fabric Filter) vents inside Building 6.	hdr
PM < 10 micron: less than or equal to 2.018 lbs/hour using 24-hour Rolling Average	Title I Condition: To avoid exceedance of the PM10 and PM2.5 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000
PM < 2.5 micron: less than or equal to 1.125 lbs/hour using 24-hour Rolling Average	Title I Condition: To avoid exceedance of the PM10 and PM2.5 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000
Total Particulate Matter: less than or equal to 0.30 grains/dry standard cubic foot of exhaust gas unless required to further reduce emissions to comply with the less stringent limit of either Minn. R. 7011.0730 or Minn. R. 7011.0735.	Minn. R. 7011.0715, subp. 1(A)
CE 001 POLLUTION CONTROL EQUIPMENT REQUIREMENTS	hdr
The Permittee shall operate and maintain CE 001 at all times that any emission unit controlled by CE 001 is in operation.	Title I Condition: To avoid exceedance of the PM10 and PM2.5 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000; Minn. R. 7007.0800, subp. 14
The Permittee shall operate and maintain CE 001 in accordance with the Operation and Maintenance (O & M) Plan. The Permittee shall keep copies of the O & M Plan available onsite for use by staff and MPCA staff.	Minn. R. 7007.0800, subp. 14
The Permittee shall operate and maintain CE 001 so that it achieves an overall control efficiency for PM < 2.5 micron: greater than or equal to 99.0 percent control efficiency	Title I Condition: To avoid exceedance of the PM10 and PM2.5 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000; Minn. R. 7007.0800, subp. 14
The Permittee shall operate and maintain CE 001 so that it achieves an overall control efficiency for PM < 10 micron: greater than or equal to 99.0 percent control efficiency	Title I Condition: To avoid exceedance of the PM10 and PM2.5 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000; Minn. R. 7007.0800, subp. 14
The Permittee shall operate and maintain CE 001 so that it achieves an overall control efficiency for Total Particulate Matter: greater than or equal to 99.0 percent control efficiency	Minn. R. 7007.0800, subps. 2 and 14
Pressure Drop: greater than or equal to 1.0 inches of water column and less than or equal to 5.0 inches of water column for CE 001, unless a new range is set pursuant to Minn. R. 7017.2025, subp. 3 based on the values recorded during the most recent MPCA-approved performance test where compliance was demonstrated with the CE 001 PM10 and PM2.5 limits. The new range shall be implemented upon receipt of the Notice of Compliance letter granting preliminary approval. The range is final upon issuance of a permit amendment incorporating the change. The Permittee shall record the pressure drop at least once every 24 hours when in operation.	Title I Condition: To avoid exceedance of the PM10 and PM2.5 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000; Minn. R. 7007.0800, subp. 14

Facility Name: Jarden Home Brands

Permit Number: 01700003 - 004

Pressure Drop Recordkeeping. Once each day the Permittee shall record the pressure drop (inches of water column), and he time and date of each pressure drop reading and whether or not the recorded pressure drop was within the range specified in this permit.	Title I Condition: To avoid exceedance of the PM10 and PM2.5 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000; Minn. R. 7007.0800, subps. 4 and 5
Monitoring Equipment: The Permittee shall install and maintain the necessary monitoring equipment for measuring and recording pressure drop as required by this permit. The monitoring equipment must be installed, in use, and properly maintained whenever CE 001 is in operation.	Minn. R. 7007.0800, subp. 4
Periodic Inspections: At least once per calendar quarter, or more frequently as required by the manufacturing specifications, the Permittee shall inspect CE 001 components. The Permittee shall maintain a written record of these inspections.	Minn. R. 7007.0800, subp. 4, 5 and 14
Corrective Actions: The Permittee shall take corrective action as soon as possible if any of the following occur: - the recorded pressure drop is outside the required operating range; or - the fabric filter or any of its components are found during the inspections to need repair. Corrective actions shall return the pressure drop to within the permitted range and/or include completion of necessary repairs identified during the inspection, as applicable. Corrective actions include, but are not limited to, those outlined in the O&M Plan for the fabric filter. The Permittee shall keep a record of the type and date of any corrective action taken for the filter.	Minn. R. 7007.0800, subp. 4, 5, and 14
PERFORMANCE TESTING	hdr
Performance Test: due 180 days after Equipment Installation. Equipment installation is the re-routing EU 032 and EU 034 emissions to CE 001. Testing shall measure CE 001 PM10 emissions while all processes (EU 005 through EU 008, EU 011, EU 032, EU 034, EU 035, EU 050, EU 051, and EU 052) that vent to CE 001 are operating.	Title I Condition: To avoid exceedance of the PM10 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000; Minn. R. 7017.2020, subp. 1
Performance Test: due 180 days after Equipment Installation. Equipment installation is the re-routing EU 032 and EU 034 emissions to CE 001. Testing shall measure CE 001 PM2.5 emissions while all processes (EU 005 through EU 008, EU 011, EU 032, EU 034, EU 035, EU 050, EU 051, and EU 052) that vent to CE 001 are operating. The Permittee may elect to forgo PM2.5 testing by conducting only PM10 testing and assuming all PM10 emissions are PM2.5.	Title I Condition: To avoid exceedance of the PM2.5 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000; Minn. R. 7017.2020, subp. 1

Facility Name: Jarden Home Brands

Permit Number: 01700003 - 004

Subject Item: **CE 002 Fabric Filter - Low Temperature, i.e., T<180 Degrees F**

Associated Items: EU 010 Round TP Line Dust & Large Particle Cyclone (SV 010 TBR then CE 002 only)

EU 038 FTP Packaging/Handling (SV 036 TBR)

EU 039 SAF Routers/Saw/Planer (CE 002)

GP 005 Permit 004 Equipment and Stack Changes

GP 006 Baghouse 2 (CE 002) and Baghouse 3 (CE 004) Combined Limits

What to do	Why to do it
EMISSION LIMITS CE 002 (Carter Day Fabric Filter) vents into Building 5. Refer to GP 006 for applicable PM10 and PM2.5 combined limits for CE 002 and CE 004.	hdr
Total Particulate Matter: less than or equal to 0.30 grains/dry standard cubic foot of exhaust gas unless required to further reduce emissions to comply with the less stringent limit of either Minn. R. 7011.0730 or Minn. R. 7011.0735.	Minn. R. 7011.0715, subp. 1(A)
CE 002 POLLUTION CONTROL EQUIPMENT REQUIREMENTS	hdr
The Permittee shall operate and maintain CE 002 at all times that any emission unit controlled by CE 002 is in operation.	Title I Condition: To avoid exceedance of the PM10 and PM2.5 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000; Minn. R. 7007.0800, subp. 14
The Permittee shall operate and maintain CE 002 in accordance with the Operation and Maintenance (O & M) Plan. The Permittee shall keep copies of the O & M Plan available onsite for use by staff and MPCA staff.	Minn. R. 7007.0800, subp. 14
The Permittee shall operate and maintain CE 002 so that it achieves an overall control efficiency for PM < 2.5 micron: greater than or equal to 99.0 percent control efficiency	Title I Condition: To avoid exceedance of the PM10 and PM2.5 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000; Minn. R. 7007.0800, subp. 14
The Permittee shall operate and maintain CE 002 so that it achieves an overall control efficiency for PM < 10 micron: greater than or equal to 99.0 percent control efficiency	Title I Condition: To avoid exceedance of the PM10 and PM2.5 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000; Minn. R. 7007.0800, subp. 14
The Permittee shall operate and maintain CE 002 so that it achieves an overall control efficiency for Total Particulate Matter: greater than or equal to 99.0 percent control efficiency	Minn. R. 7007.0800, subps. 2 and 14
Pressure Drop: greater than or equal to 0.1 inches of water column and less than or equal to 3.0 inches of water column for CE 002, unless a new range is set pursuant to Minn. R. 7017.2025, subp. 3 based on the values recorded during the most recent MPCA-approved performance test where compliance was demonstrated by CE 002 and CE 004 with the GP 006 PM10 and PM2.5 limits. The new range shall be implemented upon receipt of the Notice of Compliance letter granting preliminary approval. The range is final upon issuance of a permit amendment incorporating the change. The Permittee shall record the pressure drop at least once every 24 hours when in operation.	Title I Condition: To avoid exceedance of the PM10 and PM2.5 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000; Minn. R. 7007.0800, subp. 14
Pressure Drop Recordkeeping. Once each day the Permittee shall record the pressure drop (inches of water column), and the time and date of each pressure drop reading and whether or not the recorded pressure drop was within the range specified in this permit.	Title I Condition: To avoid exceedance of the PM10 and PM2.5 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000; Minn. R. 7007.0800, subps. 4 and 5
Monitoring Equipment: The Permittee shall install and maintain the necessary monitoring equipment for measuring and recording pressure drop as required by this permit. The monitoring equipment must be installed, in use, and properly maintained whenever CE 002 is in operation.	Minn. R. 7007.0800, subp. 4
Periodic Inspections: At least once per calendar quarter, or more frequently as required by the manufacturing specifications, the Permittee shall inspect CE 002 components. The Permittee shall maintain a written record of these inspections.	Minn. R. 7007.0800, subp. 4, 5 and 14

Facility Name: Jarden Home Brands

Permit Number: 01700003 - 004

Corrective Actions: The Permittee shall take corrective action as soon as possible if any of the following occur: - the recorded pressure drop is outside the required operating range; or - the fabric filter or any of its components are found during the inspections to need repair. Corrective actions shall return the pressure drop to within the permitted range and/or include completion of necessary repairs identified during the inspection, as applicable. Corrective actions include, but are not limited to, those outlined in the O&M Plan for the fabric filter. The Permittee shall keep a record of the type and date of any corrective action taken for the filter.	Minn. R. 7007.0800, subp. 4, 5, and 14

Facility Name: Jarden Home Brands

Permit Number: 01700003 - 004

Subject Item: **CE 003 Venturi Scrubber**

Associated Items: EU 022 Boiler 1

EU 023 Boiler 2

EU 024 Boiler 3

EU 025 Boiler 4

GP 002 Boilers

What to do	Why to do it
CE 003 POLLUTION CONTROL EQUIPMENT REQUIREMENTS	hdr
The Permittee shall operate and maintain CE 003 at all times that any emission unit controlled by CE 003 is in operation.	Title I Condition: To avoid exceedance of the PM10 and PM2.5 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000; Minn. R. 7007.0800, subp. 14
The Permittee shall operate and maintain CE 003 so that it achieves an overall control efficiency for PM < 2.5 micron: greater than or equal to 85.0 percent control efficiency	Title I Condition: To avoid exceedance of the PM10 and PM2.5 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000; Minn. R. 7007.0800, subp. 14
The Permittee shall operate and maintain CE 003 so that it achieves an overall control efficiency for PM < 10 micron: greater than or equal to 84.0 percent control efficiency	Title I Condition: To avoid exceedance of the PM10 and PM2.5 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000; Minn. R. 7007.0800, subp. 14
The Permittee shall operate and maintain CE 003 so that it achieves an overall control efficiency for Total Particulate Matter: greater than or equal to 94.0 percent control efficiency	Minn. R. 7007.0800, subps. 2 and 14
Pressure Drop: greater than or equal to 5.0 inches of water column using 24-hour Block Average unless a new minimum pressure drop is set pursuant to Minn. R. 7017.2025, subp. 3 based on the values recorded during the most recent MPCA-approved performance test where compliance was demonstrated with the SV 020 PM10 and PM2.5 limits. The minimum pressure drop shall be implemented upon receipt of the Notice of Compliance letter granting preliminary approval. The minimum pressure drop is final upon issuance of a permit amendment incorporating the change. The Permittee shall record the pressure drop at least once every 24 hours when in operation.	Title I Condition: To avoid exceedance of the PM10 and PM2.5 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000; Minn. R. 7007.0800, subp. 4 & 14
Water flow rate: greater than or equal to 220 gallons/minute using 24-hour Block Average unless a new minimum water flow rate is set pursuant to Minn. R. 7017.2025, subp. 3 based on the values recorded during the most recent MPCA-approved performance test where compliance was demonstrated with the SV 020 PM10 and PM2.5 limits. The minimum water flow rate shall be implemented upon receipt of the Notice of Compliance letter granting preliminary approval. The minimum water flow rate is final upon issuance of a permit amendment incorporating the change. The Permittee shall record the water flow rate at least once every 24 hours when in operation.	Title I Condition: To avoid exceedance of the PM10 and PM2.5 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000; Minn. R. 7007.0800, subp. 4 & 14
Water pressure: greater than or equal to 14.5 psi (gauge) using 24-hour Block Average unless a new water pressure is set pursuant to Minn. R. 7017.2025, subp. 3 based on the values recorded during the most recent MPCA-approved performance test where compliance was demonstrated with the SV 020 PM10 and PM2.5 limits. The minimum water pressure shall be implemented upon receipt of the Notice of Compliance letter granting preliminary approval. The minimum water pressure is final upon issuance of a permit amendment incorporating the change. The Permittee shall record the water pressure at least once every 24 hours when in operation.	Title I Condition: To avoid exceedance of the PM10 and PM2.5 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000; Minn. R. 7007.0800, subp. 4 & 14
Pressure Drop Recordkeeping: The Permittee shall record the scrubber pressure drop, and the time and date of each pressure drop reading and whether or not the recorded pressure drop was at or above the required minimum pressure drop specified in this permit.	Title I Condition: To avoid exceedance of the PM10 and PM2.5 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000; Minn. R. 7007.0800, subp. 5
Water Flow Rate Recordkeeping: The Permittee shall record the scrubber water flow rate, and the time and date of each water flow rate reading and whether or not the recorded rate was at or above the required minimum flow rate specified in this permit.	Title I Condition: To avoid exceedance of the PM10 and PM2.5 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000; Minn. R. 7007.0800, subp. 5

Facility Name: Jarden Home Brands

Permit Number: 01700003 - 004

Water Pressure Recordkeeping: The Permittee shall record the scrubber water supply pressure, and the time and date of each water pressure reading and whether or not the recorded pressure was at or above the required minimum pressure specified in this permit.	Title I Condition: To avoid exceedance of the PM10 and PM2.5 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000; Minn. R. 7007.0800, subp. 5
Monitoring Equipment: The Permittee shall install and maintain the necessary monitoring equipment for measuring and recording pressure drop, water flow rate, and water pressure as required by this permit. The monitoring equipment must be installed, in use, and properly maintained when CE 003 is in operation.	Minn. R. 7007.0800, subp. 4
The Permittee shall operate and maintain CE 003 in accordance with the Operation and Maintenance (O & M) Plan. The Permittee shall keep copies of the O & M Plan available onsite for use by staff and MPCA staff.	Minn. R. 7007.0800, subp. 14
Periodic Inspections: At least once per calendar quarter, or more frequently as required by the manufacturing specifications, the Permittee shall inspect CE 003 components. The Permittee shall maintain a written record of these inspections.	Minn. R. 7007.0800, subp. 4, 5 and 14
Corrective Actions: The Permittee shall take corrective action as soon as possible if any of the following occur: - visible emissions above the permitted limit are monitored by the continuous opacity monitor; - pressure differential is below the permitted minimum value; - water flow rate is below the permitted minimum value; - water pressure is below the permitted minimum value; - the scrubber or any of its components are found during any inspection to need repair. (continued)	Minn. R. 7007.0800, subp. 4, 5, and 14
Corrective actions shall include implementation of necessary corrective actions to reduce the opacity to below the permitted limit, achieve at least the minimum pressure differential, achieve at least the minimum water flow rate, achieve at least the minimum water pressure, or completion of needed repairs identified during any inspection, as applicable. Corrective actions include, but are not limited to, those outlined in the scrubber O & M Plan. The Permittee shall keep a record of the type and date of any corrective action taken for the scrubber.	Minn. R. 7007.0800, subp. 4, 5, and 14

Facility Name: Jarden Home Brands

Permit Number: 01700003 - 004

Subject Item: **CE 004 Fabric Filter - Low Temperature, i.e., T<180 Degrees F**

Associated Items: EU 031 Toothpick Pointing (CE 004 & SV 029 TBR then CE 004 only)

EU 040 Chambon Press, Die Cutter Waste Dust (CE 004)

EU 041 Chambon Press, Paper Roll Dust (CE 004)

EU 042 Match Machine #6 (CE 004)

EU 043 Match Machine #6 Splint Transfer Cyclone (CE 004)

EU 044 Match Machine #5 (CE 004)

EU 045 Match Machine #5 Splint Transfer Cyclone (CE 004)

EU 046 Match Machine #4 (CE 004)

EU 047 Match Machine #3 (CE 004)

EU 048 Match Machine #4 & #3 Splint Transfer Cyclone (CE 004)

EU 049 Multimatch Splint Loader Dust (CE 004)

GP 005 Permit 004 Equipment and Stack Changes

GP 006 Baghouse 2 (CE 002) and Baghouse 3 (CE 004) Combined Limits

What to do	Why to do it
EMISSION LIMITS CE 004 (Air-Cure No. 2 Fabric Filter) vents into Building 5. Refer to GP 006 for applicable PM10 and PM2.5 combined limits for CE 002 and CE 004.	hdr
Total Particulate Matter: less than or equal to 0.30 grains/dry standard cubic foot of exhaust gas unless required to further reduce emissions to comply with the less stringent limit of either Minn. R. 7011.0730 or Minn. R. 7011.0735.	Minn. R. 7011.0715, subp. 1(A)
CE 004 POLLUTION CONTROL EQUIPMENT REQUIREMENTS	hdr
The Permittee shall operate and maintain CE 004 at all times that any emission unit controlled by CE 004 is in operation.	Title I Condition: To avoid exceedance of the PM10 and PM2.5 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000; Minn. R. 7007.0800, subp. 14
The Permittee shall operate and maintain CE 004 in accordance with the Operation and Maintenance (O & M) Plan. The Permittee shall keep copies of the O & M Plan available onsite for use by staff and MPCA staff.	Minn. R. 7007.0800, subp. 14
The Permittee shall operate and maintain CE 004 so that it achieves an overall control efficiency for PM < 2.5 micron: greater than or equal to 99.0 percent control efficiency	Title I Condition: To avoid exceedance of the PM10 and PM2.5 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000; Minn. R. 7007.0800, subp. 14
The Permittee shall operate and maintain CE 004 so that it achieves an overall control efficiency for PM < 10 micron: greater than or equal to 99.0 percent control efficiency	Title I Condition: To avoid exceedance of the PM10 and PM2.5 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000; Minn. R. 7007.0800, subp. 14
The Permittee shall operate and maintain CE 004 so that it achieves an overall control efficiency for Total Particulate Matter: greater than or equal to 99.0 percent control efficiency	Minn. R. 7007.0800, subps. 2 and 14
Pressure Drop: greater than or equal to 0.5 inches of water column and less than or equal to 5.0 inches of water column for CE 004, unless a new range is set pursuant to Minn. R. 7017.2025, subp. 3 based on the values recorded during the most recent MPCA-approved performance test where compliance was demonstrated by CE 002 and CE 004 with the GP 006 PM10 and PM2.5 limits. The new range shall be implemented upon receipt of the Notice of Compliance letter granting preliminary approval. The range is final upon issuance of a permit amendment incorporating the change. The Permittee shall record the pressure drop at least once every 24 hours when in operation.	Title I Condition: To avoid exceedance of the PM10 and PM2.5 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000; Minn. R. 7007.0800, subp. 14
Pressure Drop Recordkeeping. Once each day the Permittee shall record the pressure drop (inches of water column), and the time and date of each pressure drop reading and whether or not the recorded pressure drop was within the range specified in this permit.	Title I Condition: To avoid exceedance of the PM10 and PM2.5 NAAQS based on analysis required by 40 CFR Section 52.21(k) for USG Interiors, LLC - Cloquet February 2012; Minn. R. 7007.3000; Minn. R. 7007.0800, subps. 4 and 5

Facility Name: Jarden Home Brands

Permit Number: 01700003 - 004

Monitoring Equipment: The Permittee shall install and maintain the necessary monitoring equipment for measuring and recording pressure drop as required by this permit. The monitoring equipment must be installed, in use, and properly maintained whenever CE 004 is in operation.	Minn. R. 7007.0800, subp. 4
Periodic Inspections: At least once per calendar quarter, or more frequently as required by the manufacturing specifications, the Permittee shall inspect CE 004 components. The Permittee shall maintain a written record of these inspections.	Minn. R. 7007.0800, subp. 4, 5 and 14
Corrective Actions: The Permittee shall take corrective action as soon as possible if any of the following occur: - the recorded pressure drop is outside the required operating range; or - the fabric filter or any of its components are found during the inspections to need repair. Corrective actions shall return the pressure drop to within the permitted range and/or include completion of necessary repairs identified during the inspection, as applicable. Corrective actions include, but are not limited to, those outlined in the O&M Plan for the fabric filter. The Permittee shall keep a record of the type and date of any corrective action taken for the filter.	Minn. R. 7007.0800, subp. 4, 5, and 14

TABLE B: SUBMITTALS

Facility Name: Jarden Home Brands

Permit Number: 01700003 - 004

Also, where required by an applicable rule or permit condition, send to the Permit Document Coordinator notices of:
- accumulated insignificant activities,
- installation of control equipment,
- replacement of an emissions unit, and
- changes that contravene a permit term.

Send submittals that are required to be submitted to the U.S. EPA regional office to:

Mr. George Czerniak
Air and Radiation Branch
EPA Region V
77 West Jackson Boulevard
Chicago, Illinois 60604

Table B lists most of the submittals required by this permit. Please note that some submittal requirements may appear in Table A or, if applicable, within a compliance schedule located in Table C. Table B is divided into two sections in order to separately list one-time only and recurrent submittal requirements.

Send submittals that are required by the Acid Rain Program to:

U.S. Environmental Protection Agency
Clean Air Markets Division
1200 Pennsylvania Avenue NW (6204N)
Washington, D.C. 20460

Send any application for a permit or permit amendment to:

Fiscal Services
Minnesota Pollution Control Agency
520 Lafayette Road North
St. Paul, Minnesota 55155-4194

Unless another person is identified in the applicable Table, send all other submittals to:

AQ Compliance Tracking Coordinator
Industrial Division
Minnesota Pollution Control Agency
520 Lafayette Road North
St. Paul, Minnesota 55155-4194

Each submittal must be postmarked or received by the date specified in the applicable Table. Those submittals required by parts 7007.0100 to 7007.1850 must be certified by a responsible official, defined in Minn. R. 7007.0100, subp. 21. Other submittals shall be certified as appropriate if certification is required by an applicable rule or permit condition.

Facility Name: Jarden Home Brands

Permit Number: 01700003 - 004

What to send	When to send	Portion of Facility Affected
Notification	due 30 days after Equipment Installation. Equipment installation is the following changes due 182 days after permit issuance: 1. Re-routing of EU 042, EU 043, EU 044, EU 045, EU 046, EU 047, EU 048, and EU 049 to CE 004; 2. Venting of CE 004 (currently vented through SV 029) into building 5; 3. Venting of CE 001 (currently vented through SV 021) into building 6; 4. Re-routing EU 050 to CE 001. The Permittee may submit individual notifications, a single combined notification, or combination thereof, for these changes. Each notification shall specify the date the change was completed for each CE and/or EU item.	CE001, CE004, EU042, EU043, EU044, EU045, EU046, EU047, EU048, EU049, EU050
Notification	due 30 days after Equipment Installation. Equipment installation is the following changes due 365 days after permit issuance: 1. Re-routing EU 040 and EU 041 to CE 004; 2. Venting of CE 002 (currently vented through SV 036) into building 5; 3. Re-routing of EU 039 to CE 002. The Permittee may submit individual notifications, a single combined notification, or combination thereof, for these changes. Each notification shall specify the date the change was completed for each CE and/or EU item.	CE002, EU039, EU040, EU041
Notification	due 30 days after Equipment Installation. Equipment installation is the following changes due 730 days after permit issuance: 1. Re-routing of EU 010 to CE 002; 2. Re-routing of EU 032 and EU 034 to CE 001. The Permittee may submit individual notifications, a single combined notification, or combination thereof, for these changes. Each notification shall specify the date the change was completed for each EU item.	EU010, EU032, EU034
Notification	due 30 days after Equipment Installation. Equipment installation is the following: 1. Re-routing EU 035, EU 051, and EU 052 to CE 001 due 547 days after permit issuance. The Permittee may submit individual notifications, a single combined notification, or combination thereof, for these changes. Each notification shall specify the date the change was completed for each EU item.	EU035, EU051, EU052
Notification	due 30 days after Equipment Installation. Equipment installation is the modification of SV 020 to attain a height of 120 feet and a discharge direction of up, no-cap no later than 182 days after permit issuance.	SV020

Facility Name: Jarden Home Brands

Permit Number: 01700003 - 004

Notification	due 30 days after Equipment Installation. Equipment installation is the modification of the following stack/vents to meet the following parameters no later than 547 days after permit issuance: 1. SV 037 V01 - Bldg 6 Woodsie Greenheck Roof Fan - 54.5 ft; up no-cap 2. SV 040 V04 - Bldg 6 Louisville Greenheck Roof Fan - 55.25 ft; up no-cap 3. SV 041 V05 - Bldg 6 Dryer Greenheck Roof Fan - 55.5 ft; up no-cap 4. SV 042 V06 - Bldg 6 Coe Dryer Cooling Fan - 9.17 ft; up no-cap 5. SV 043 V07 - Bldg 5 Wall Fan North of FTP - 51.0 ft; up no-cap 6. SV 044 V08 - Bldg 5 Wall Fan above TP Bi - 52.0 ft; up no-cap 7. SV 045 V09 - Bldg 5 Mezzanine Greenheck Roof Fan - 56.5 ft; up no-cap. The Permittee may submit individual notifications, a single combined notification, or combination thereof, for these changes. Each notification shall specify the date the change was completed for each SV item.	SV037, SV040, SV041, SV042, SV043, SV044, SV045
Notification	due 30 days after Equipment Installation. Equipment installation is the modification of the following stack/vents to meet the following parameters no later than 730 days after permit issuance: 1. SV 001 Stick Polisher Cyclone Stack - 61.5 ft; up no-cap 2. SV 002 Ice Cream Stick Dryer Stack - 34.33 ft; up no-cap 3. SV 012 Splint Material Handling Cyclone Stack - 61.5 ft; up no-cap 4. SV 016 ICS Seeder Cyclone Stack - 65.0 ft; up no-cap 5. SV 019 CDS Polisher Cyclone Stack - 63.58 ft; up no-cap 6. SV 024 Round TP Pointing Cyclone Stack - 53.75 ft; up no-cap 7. SV 025 Round TP Pointing Reclaim Cyclone Stack - 50.25 ft; up no-cap. The Permittee may submit individual notifications, a single combined notification, or combination thereof, for these changes. Each notification shall specify the date the change was completed for each SV item.	SV001, SV002, SV012, SV016, SV019, SV024, SV025
Notification	due 30 days after Shutdown of SV 033 Splint Transfer Cyclone Stack (shutdown due no later than 547 days after permit issuance).	SV033

Facility Name: Jarden Home Brands

Permit Number: 01700003 - 004

Notification	due 30 days after Shutdown of the following (shutdown due no later than 182 days after permit issuance): SV 009 Stick Polisher Cyclone Stack EU 009 Stick Polisher Cyclone SV 021 Air-Cure Fabric Filter No. 1 (CE 001) Stack SV 026 TP Pointing Cyclone Stack EU 028 SCR TP Pointing Cyclone SV 027 TP Pointing Cyclone Stack EU 029 SCR TP Pointing Cyclone SV 029 Air-Cure Fabric Filter No. 2 (CE 004) Stack SV 031 Craft Dryer Stack EU 033 Craft Dryer The Permittee may submit individual notifications, a single combined notification, or combination thereof, for these changes. Each notification shall specify the date the change was completed for each SV and/or EU item.	EU009, EU028, EU029, EU033, SV009, SV021, SV026, SV027, SV029, SV031
Notification	due 30 days after Shutdown of the following (shutdown due no later than 365 days after permit issuance): SV 034 Sandwich TP/Shapes Transfer Cyclone Stack EU 036 Sandwich TP/Shapes Transfer Cyclon SV 035 SCR Recycle Stack EU 037 SCR Recycle SV 036 Carter Day Fabric Filter (CE 002) Stac The Permittee may submit individual notifications, a single combined notification, or combination thereof, for these changes. Each notification shall specify the date the change was completed for each SV and/or EU item.	EU036, EU037, SV034, SV035, SV036
Notification	due 30 days after Shutdown of the following (shutdown due no later than 730 days after permit issuance): SV 010 TP Polisher Cyclone Stack SV 030 Toothpick Dryer Stack SV 032 Large Toothpick Dryer Stack The Permittee may submit individual notifications, a single combined notification, or combination thereof, for these changes. Each notification shall specify the date the change was completed for each SV item.	SV010, SV030, SV032
Testing Frequency Plan	due 60 days after Initial Performance Test for EU 013 PM2.5 emissions. The plan shall specify a testing frequency based on the results of the initial SV 013/SV 014 PM2.5 test and MPCA guidance. Future performance tests at 12-month, 36-month, or 60-month intervals, or as applicable, shall be required upon written approval of the plan by the MPCA.	EU013
Testing Frequency Plan	due 60 days after Initial Performance Test for SV 020 CO emissions. The plan shall specify a testing frequency based on the results of the initial SV 020 CO test and MPCA guidance. Future performance tests at 12-month, 36-month, or 60-month intervals, or as applicable, shall be required upon written approval of the plan by the MPCA.	SV020

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Testing Frequency Plan	due 60 days after Initial Performance Test for SV 020 PM2.5 emissions. The plan shall specify a testing frequency based on the results of the initial SV 020 PM2.5 test and MPCA guidance. Future performance tests at 12-month, 36-month, or 60-month intervals, or as applicable, shall be required upon written approval of the plan by the MPCA.	SV020
Testing Frequency Plan	due 60 days after Performance Test for CE 001 PM10 emissions. The plan shall specify a testing frequency based on the results of the initial CE 001 PM10 test and MPCA guidance. Future performance tests at 12-month, 36-month, or 60-month intervals, or as applicable, shall be required upon written approval of the plan by the MPCA.	CE001
Testing Frequency Plan	due 60 days after Performance Test for CE 001 PM2.5 emissions. The plan shall specify a testing frequency based on the results of the initial CE 001 PM2.5 test and MPCA guidance. Future performance tests at 12-month, 36-month, or 60-month intervals, or as applicable, shall be required upon written approval of the plan by the MPCA.	CE001
Testing Frequency Plan	due 60 days after Performance Test for CE 002 and CE 004 PM10 emissions. The plan shall specify a CE 002 and CE 004 testing frequency based on the results of the initial CE 002 and CE 004 PM10 tests and MPCA guidance. Future performance tests at 12-month, 36-month, or 60-month intervals, or as applicable, shall be required upon written approval of the plan by the MPCA.	GP006
Testing Frequency Plan	due 60 days after Performance Test for CE 002 and CE 004 PM2.5 emissions. The plan shall specify a CE 002 and CE 004 testing frequency based on the results of the initial CE 002 and CE 004 PM2.5 tests and MPCA guidance. Future performance tests at 12-month, 36-month, or 60-month intervals, or as applicable, shall be required upon written approval of the plan by the MPCA.	GP006
Testing Frequency Plan	due 60 days after Performance Test for EU 013 PM10 emissions. The plan shall specify a testing frequency based on the results of the SV 013/SV 014 PM10 test and MPCA guidance. Future performance tests at 12-month, 36-month, or 60-month intervals, or as applicable, shall be required upon written approval of the plan by the MPCA.	EU013
Testing Frequency Plan	due 60 days after Performance Test for SV 012 PM10 emissions. The plan shall specify a PM10 testing frequency for SV 012 and SV 019 based on the results of the initial SV 012 PM10 test. Future performance tests at 12-month, 36-month, or 60-month intervals, or as applicable, shall be required upon written approval of the plan by the MPCA. The Permittee may propose a reduced number and frequency of future tests, or propose to eliminate future tests, based on SV 012 initial PM10 testing results.	GP003

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Testing Frequency Plan	due 60 days after Performance Test for SV 012 PM2.5 emissions. The plan shall specify a PM2.5 testing frequency for SV 012 and SV 019 based on the results of the initial SV 012 PM2.5 test. Future performance tests at 12-month, 36-month, or 60-month intervals, or as applicable, shall be required upon written approval of the plan by the MPCA. The Permittee may propose a reduced number and frequency of future tests, or propose to eliminate future tests, based on SV 012 initial PM2.5 testing results.	GP003
Testing Frequency Plan	due 60 days after Performance Test for SV 020 PM10 emissions. The plan shall specify a testing frequency based on the results of the SV 020 PM10 test and MPCA guidance. Future performance tests at 12-month, 36-month, or 60-month intervals, or as applicable, shall be required upon written approval of the plan by the MPCA.	SV020
Testing Frequency Plan	due 60 days after Performance Test for SV 043 PM10 emissions. The plan shall specify a PM10 testing frequency for SV 043 and SV 045 based on the results of the initial SV 043 PM10 test. Future performance tests at 12-month, 36-month, or 60-month intervals, or as applicable, shall be required upon written approval of the plan by the MPCA. The Permittee may propose a reduced number and frequency of future tests, or propose to eliminate future tests, based on SV 043 initial PM10 testing results.	GP007
Testing Frequency Plan	due 60 days after Performance Test for SV 043 PM2.5 emissions. The plan shall specify a PM2.5 testing frequency for SV 043 and SV 045 based on the results of the initial SV 043 PM2.5 test. Future performance tests at 12-month, 36-month, or 60-month intervals, or as applicable, shall be required upon written approval of the plan by the MPCA. The Permittee may propose a reduced number and frequency of future tests, or propose to eliminate future tests, based on SV 043 initial PM2.5 testing results.	GP007

TABLE B: RECURRENT SUBMITTALS

Facility Name: Jarden Home Brands

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What to send	When to send	Portion of Facility Affected
Excess Emissions/Downtime Reports (EER's)	due 30 days after end of each calendar quarter following Permit Issuance. Submit Deviations Reporting Form DRF-1 as amended. The EER shall indicate all periods of monitor bypass and all periods of exceedances of a limit including exceedances allowed by an applicable standard, i.e. during start-up, shutdown, and malfunctions. The EER must be submitted even if there were no excess emissions, downtime or bypasses during the quarter.	SV020
Semiannual Deviations Report	due 30 days after end of each calendar half-year starting 07/09/2003. The first semiannual report submitted by the Permittee shall cover the calendar half-year in which the permit is issued. The first report of each calendar year covers January 1 - June 30. The second report of each calendar year covers July 1 - December 31. If no deviations have occurred, the Permittee shall submit the report indicating no deviations occurred.	Total Facility
Compliance Certification	due 30 days after end of each calendar year starting 07/09/2003 (for the previous calendar year). The Permittee shall submit the certification to the Commissioner on a form approved by the Commissioner. This certification covers all deviations experienced during the calendar year.	Total Facility