

# WOOL FIBERGLASS MANUFACTURING

## Recordkeeping Requirements

### A. GENERAL

1.	Is the facility maintaining files of all information (including all reports and notifications)? <b>[\$63.1386(d)(1)/\$63.10(b)(1)]</b>	Yes [ <input type="checkbox"/> ] No [ <input type="checkbox"/> ]
2.	Is the facility retaining each record for at least 5 years following the date of each occurrence, measurement, maintenance, corrective action, report, or record? <b>[\$63.1386(d)(1)(i)/\$63.10(b)(1)]</b>  Note: The most recent 2 years of records must be retained at the facility. The remaining 3 years of records may be retained off site.	Yes [ <input type="checkbox"/> ] No [ <input type="checkbox"/> ]
3.	Is the facility maintaining records of	Yes [ <input type="checkbox"/> ] No [ <input type="checkbox"/> ]
	a. all results of performance tests? <b>[\$63.10(b)(2)(viii)]</b>	
	b. opacity and visible emission observations? <b>[\$63.10(b)(2)(viii)]</b>	Yes [ <input type="checkbox"/> ] No [ <input type="checkbox"/> ] N/A [ <input type="checkbox"/> ]
4.	Is the facility maintaining records of	
	a. any information demonstrating whether it is meeting the requirements for a waiver of recordkeeping or reporting requirements if it has been granted such a waiver? [ <b>\$63.10(b)(2)(xii)/63.10(f)</b> ]	Yes [ <input type="checkbox"/> ] No [ <input type="checkbox"/> ] N/A [ <input type="checkbox"/> ]
	b. all emission levels relative to the criterion for obtaining permission to use an alternative to the relative accuracy test, if the source has been granted such permission? <b>[\$63.10(b)(2)(xiii)/\$63.8(f)(6)]</b>	Yes [ <input type="checkbox"/> ] No [ <input type="checkbox"/> ] N/A [ <input type="checkbox"/> ]
	c. all documentation supporting initial notifications and notifications of compliance status? <b>[\$63.10(b)(2)(xiv)/\$ 63.9]</b>	Yes [ <input type="checkbox"/> ] No [ <input type="checkbox"/> ]
5.	a. Did the facility keep a record of any (non) applicability determination on site for a period of 5 years after the determination, or until the facility changed its operations to become an affected source, whichever comes first? <b>[\$63.10(b)(3)]</b>	Yes [ <input type="checkbox"/> ] No [ <input type="checkbox"/> ] N/A
	b. Was the record of the (non)applicability determination signed by the person making the determination? <b>[\$63.10(b)(3)]</b>	Yes [ <input type="checkbox"/> ] No [ <input type="checkbox"/> ] N/A
	c. Did the record include an analysis (or other information) that demonstrates why the facility believes that is unaffected (e.g., because the source is an area source)? <b>[\$63.10(b)(3)]</b>	Yes [ <input type="checkbox"/> ] No [ <input type="checkbox"/> ] N/A
	d. Is the analysis (or other information) above sufficiently detailed to allow the Administrator to make a finding about the facility's applicability status with regard to the relevant standard or other requirement? <b>[\$63.10(b)(3)]</b>	Yes [ <input type="checkbox"/> ] No [ <input type="checkbox"/> ] N/A

e. Was the analysis performed in accordance with EPA guidance materials published to assist sources in making applicability determinations under section 112? <b>[\$63.10(b)(3)]</b>	Yes [ ] No [ ] N/A
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6. If the facility is required to submit progress reports as a condition of receiving an extension of compliance did it submit such reports to the Administrator (or the State with an approved permit program) by the dates specified in the written extension of compliance? <b>[\$63.6(i)/\$63.10(d)(4)]</b>	Yes [ ] No [ ] N/A
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**B. CONTINUOUS MONITORING SYSTEMS (CMS)**

1. Is the facility required to install a CMS?  Note: If the answer to this question is "No", skip to 'C'	Yes [ ] No [ ]
2. Is the facility maintaining records of each period during which a CMS is malfunctioning or inoperative? <b>[\$63.10(b)(2)(vi)]</b>	Yes [ ] No [ ] N/A [ ]
3. Is the facility maintaining records of all required measurements needed to demonstrate compliance with a relevant standard <b>[\$63.10(b)(2)(vii)]</b>	Yes [ ] No [ ]
4. If the facility is required to install an automated continuous emissions monitoring system (CEMS), did it  a. retain the most recent consecutive three averaging periods of subhourly measurements? <b>[\$63.10(b)(2)(vii)(A)]</b>	Yes [ ] No [ ] N/A [ ]
b. maintain a file that contains a hard copy of the data acquisition system algorithm used to reduce the measured data into the reportable form of the standard? <b>[\$63.10(b)(2)(vii)(A)]</b>	Yes [ ] No [ ] N/A [ ]
5. If the facility is required to install a manual CEMS did it retain  a. all subhourly measurements for the most recent reporting period? <b>[\$63.10(b)(2)(vii)(B)]</b>	Yes [ ] No [ ] N/A [ ]
b. Were the subhourly measurements retained for 120 days from the date of the most recent summary or excess emission report submitted to the Administrator? <b>[\$63.10(b)(2)(vii)(B)]</b>	Yes [ ] No [ ] N/A [ ]
6. Is the facility maintaining records of  a. CMS performance evaluations? <b>[\$63.10(b)(2)(viii)]</b>	Yes [ ] No [ ]

b. all measurements as may be necessary to determine the conditions of performance tests and performance evaluations? <b>[\$63.10(b)(2)(ix)]</b>	Yes [ ] No [ ]
c. all CMS calibration checks? <b>[\$63.10(b)(2)(x)]</b>	Yes [ ] No [ ]
d. all adjustments and maintenance performed on CMS? <b>[\$63.10(b)(2)(xi)]</b>	Yes [ ] No [ ] N/A [ ]
<b>7.</b> Is the facility maintaining records of	
a. all required CMS measurements? <b>[\$63.10(c)(1)]</b>	Yes [ ] No [ ]
b. the date and time identifying each period during which the CMS was inoperative except for zero (low-level) and high-level checks? <b>[\$63.10(c)(5)]</b>	Yes [ ] No [ ]
c. the date and time identifying each period during which the CMS was out of control? <b>[\$63.10(c)(6)/§ 63.8(c)(7)]</b>	Yes [ ] No [ ]
d. the specific identification of each period of excess emissions and parameter monitoring exceedances that occurs during SSMS? <b>[\$63.10(c)(7)]</b>	Yes [ ] No [ ]
e. the specific identification (i.e., the date and time of commencement and completion) of each time period of excess emissions and parameter monitoring exceedances, that occurs during periods OTHER than startups, shutdowns, and malfunctions? <b>[\$63.10(c)(8)]</b>	Yes [ ] No [ ]
f. the nature and cause of any malfunction (if known)? <b>[\$63.10(c)(10)/§63.10(c)(15)]</b>	Yes [ ] No [ ]
g. the corrective action taken or preventive measures adopted? <b>[\$63.10(c)(11)/63.10(c)(15)]</b>	Yes [ ] No [ ]
h. the nature of the repairs or adjustments to the CMS that was inoperative or out of control? <b>[\$63.10(c)(12)/63.10(c)(15)]</b>	Yes [ ] No [ ]
i. the total process operating time during the reporting period? <b>[\$63.10(c)(13)]</b>	
j. all procedures that are part of a quality control program developed and implemented for CMS under § 63.8(d)? <b>[\$63.10(c)(14)]</b>	Yes [ ] No [ ]
<b>8.</b> If more than one CEMS is used to measure the emissions (e.g., multiple breechings, multiple outlets), did the facility report the results as required for each CEMS? <b>[\$63.10(e)(1)]</b>	Yes [ ] No [ ] N/A [ ]
<b>9.</b> Did the facility furnish the Administrator a copy of a written report of the results of the CMS performance evaluation, simultaneously with the results of the performance test? <b>[\$63.7/ § 63.8(e)/ §63.10(e)(2)(i)]</b>	Yes [ ] No [ ]
<b>10.</b> a. If the facility is using a COMS to determine opacity compliance during any performance test did it furnish the Administrator two or, upon request, three copies of a written report of the results of the COMS performance evaluation? <b>[\$63.10(e)(2)(ii)]</b>	Yes [ ] No [ ] N/A [ ]

b. Were the copies furnished at least 15 calendar days before the performance test was conducted? <b>[\$63.10(e)(2)(ii)]</b>	Yes [ ] No [ ] N/A [ ]
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**C. SPECIFIC**

1. Is the facility maintaining records of any bag leak detection system alarms? <b>[\$63.1386(d)(2)(i)]</b>	Yes [ ] No [ ] N/A [ ]
Do the records include	Yes [ ] No [ ] N/A [ ]
a. date and time of the alarm? <b>[\$63.1386 (d)(2)(i)]</b>	
b. when corrective actions were initiated? <b>[\$63.1386 (d)(2)(i)]</b>	Yes [ ] No [ ] N/A [ ]
c. the cause of the alarm? <b>[\$63.1386 (d)(2)(i)]</b>	Yes [ ] No [ ] N/A [ ]
d. an explanation of the corrective actions taken? <b>[\$63.1386 (d)(2)(i)]</b>	Yes [ ] No [ ] N/A [ ]
e. when the cause of the alarm was corrected? <b>[\$63.1386 (d)(2)(i)]</b>	Yes [ ] No [ ] N/A [ ]
2. Is the facility maintaining records of ESP performance? <b>[\$63.1386 (d)(2)(ii)]</b>	Yes [ ] No [ ] N/A [ ]
Do the records include	Yes [ ] No [ ] N/A [ ]
a. any period when the value(s) deviated from the established limit(s)? <b>[\$63.1386 (d)(2)(ii)]</b>	
b. the date and time of the deviation? <b>[\$63.1386 (d)(2)(ii)]</b>	Yes [ ] No [ ] N/A [ ]
c. when corrective actions were initiated? <b>[\$63.1386 (d)(2)(ii)]</b>	Yes [ ] No [ ] N/A [ ]
d. the cause of the deviation? <b>[\$63.1386 (d)(2)(ii)]</b>	Yes [ ] No [ ] N/A [ ]
e. an explanation of the corrective actions taken? <b>[\$63.1386 (d)(2)(ii)]</b>	Yes [ ] No [ ] N/A [ ]
f. when the cause of the deviation was corrected? <b>[\$63.1386 (d)(2)(ii)]</b>	Yes [ ] No [ ] N/A [ ]

3.	Is the facility maintaining records of air temperature above the molten glass in an uncontrolled cold top electric furnace? <b>[\$63.1386(d)(2)(iii)]</b>	Yes [ ] No [ ] N/A [ ]
	Do these records include	
	a. any period when the temperature exceeded 120 deg.C (250 deg.F) at a location 46 to 61 centimeters (18 to 24 inches) above the molten glass surface? <b>[\$63.1386(d)(2)(iii)]</b>	Yes [ ] No [ ] N/A [ ]
	b. the date and time of the exceedance? <b>[\$63.1386(d)(2)(iii)]</b>	Yes [ ] No [ ] N/A [ ]
	c. when corrective actions were initiated? <b>[\$63.1386(d)(2)(iii)]</b>	Yes [ ] No [ ] N/A [ ]
	d. the cause of the exceedance? <b>[\$63.1386(d)(2)(iii)]</b>	Yes [ ] No [ ] N/A [ ]
	e. an explanation of the corrective actions taken? <b>[\$63.1386(d)(2)(iii)]</b>	Yes [ ] No [ ] N/A [ ]
	f. when the cause of the exceedance was corrected? <b>[\$63.1386(d)(2)(iii)]</b>	Yes [ ] No [ ] N/A [ ]
4.	Is the facility maintaining records of uncontrolled glass-melting furnace (that is not a cold top electric furnace) parameter value(s) used to monitor furnace performance? <b>[\$63.1386 (d)(2)(iv)]</b>	Yes [ ] No [ ] N/A [ ]
	Do these records show	
	a. any period when the value(s) exceeded the established limit(s)? <b>[\$63.1386 (d)(2)(iv)]</b>	Yes [ ] No [ ] N/A [ ]
	b. the date and time of the exceedance? <b>[\$63.1386 (d)(2)(iv)]</b>	Yes [ ] No [ ] N/A [ ]
	c. when corrective actions were initiated? <b>[\$63.1386 (d)(2)(iv)]</b>	Yes [ ] No [ ] N/A [ ]
	d. the cause of the exceedance? <b>[\$63.1386 (d)(2)(iv)]</b>	Yes [ ] No [ ] N/A [ ]
	e. an explanation of the corrective actions taken? <b>[\$63.1386 (d)(2)(iv)]</b>	Yes [ ] No [ ] N/A [ ]
	f. when the cause of the exceedance was corrected? <b>[\$63.1386 (d)(2)(iv)]</b>	Yes [ ] No [ ] N/A [ ]
5.	Is the facility maintaining records of the formulation of each binder batch? <b>[\$63.1386 (d)(2)(v)]</b>	Yes [ ] No [ ]
	Do the records show	
	a. LOI (Loss on Ignition)? <b>[\$63.1386 (d)(2)(v)]</b>	Yes [ ] No [ ]

b. density for each product manufactured on a rotary spin manufacturing line or flame attenuation manufacturing line? <b>[\$63.1386(d)(2)(v)]</b>	Yes [ ] No [ ]
c. free formaldehyde content of each resin shipment received and used in the binder formulation? <b>[\$63.1386(d)(2)(v)]</b>	Yes [ ] No [ ]
6. Is the facility maintaining records of process parameter level(s) for RS and FA manufacturing lines that use process modifications to comply with the emission limits? <b>[\$63.1386(d)(2)(vi)]</b>	Yes [ ] No [ ] N/A [ ]
Do these records include	
a. any period when the parameter level(s) deviated from the established limit(s)? <b>[\$63.1386(d)(2)(vi)]</b>	Yes [ ] No [ ] N/A [ ]
b. the date and time of the deviation? <b>[\$63.1386(d)(2)(vi)]</b>	Yes [ ] No [ ] N/A [ ]
c. when corrective actions were initiated? <b>[\$63.1386(d)(2)(vi)]</b>	Yes [ ] No [ ] N/A [ ]
d. the cause of the deviation? <b>[\$63.1386(d)(2)(vi)]</b>	Yes [ ] No [ ] N/A [ ]
e. an explanation of the corrective actions taken? <b>[\$63.1386(d)(2)(vi)]</b>	Yes [ ] No [ ] N/A [ ]
f. when the cause of the deviation was corrected? <b>[\$63.1386(d)(2)(vi)]</b>	Yes [ ] No [ ] N/A [ ]
7. Is the facility maintaining records of:	
a. scrubber pressure drop? <b>[\$63.1386(d)(2)(vii)]</b>	Yes [ ] No [ ] N/A [ ]
b. scrubbing liquid flow rate? <b>[\$63.1386(d)(2)(vii)]</b>	Yes [ ] No [ ] N/A [ ]
c. any chemical additive (including chemical feed rate to the scrubber)? <b>[\$63.1386(d)(2)(vii)]</b>	Yes [ ] No [ ] N/A [ ]
d. any period when a parameter level(s) deviated from the established limit(s)? <b>[\$63.1386(d)(2)(vii)]</b>	Yes [ ] No [ ] N/A [ ]
e. the date and time of the deviation? <b>[\$63.1386(d)(2)(vii)]</b>	Yes [ ] No [ ] N/A [ ]
f. when corrective actions were initiated? <b>[\$63.1386(d)(2)(vii)]</b>	Yes [ ] No [ ] N/A [ ]
g. the cause of the deviation? <b>[\$63.1386(d)(2)(vii)]</b>	Yes [ ] No [ ] N/A [ ]
h. an explanation of the corrective actions taken? <b>[\$63.1386(d)(2)(vii)]</b>	Yes [ ] No [ ] N/A [ ]

i. when the cause of the deviation was corrected? <b>[\$63.1386(d)(2)(vii)]</b>	Yes [ ] No [ ] N/A [ ]
8. Is the facility maintaining records of:	
a. incinerator operating temperature? <b>[\$63.1386(d)(2)(viii)]</b>	Yes [ ] No [ ] N/A [ ]
b. results of periodic inspection of incinerator components? <b>[\$63.1386(d)(2)(viii)]</b>	Yes [ ] No [ ] N/A [ ]
c. any period when the temperature fell below the established average? <b>[\$63.1386(d)(2)(viii)]</b>	Yes [ ] No [ ] N/A [ ]
d. any problem identified during an inspection? <b>[\$63.1386(d)(2)(viii)]</b>	Yes [ ] No [ ] N/A [ ]
e. the date and time of the problem? <b>[\$63.1386(d)(2)(viii)]</b>	Yes [ ] No [ ] N/A [ ]
f. when corrective actions were initiated? <b>[\$63.1386(d)(2)(viii)]</b>	Yes [ ] No [ ] N/A [ ]
g. the cause of the problem? <b>[\$63.1386(d)(2)(viii)]</b>	Yes [ ] No [ ] N/A [ ]
h. an explanation of the corrective actions taken? <b>[\$63.1386(d)(2)(viii)]</b>	Yes [ ] No [ ] N/A [ ]
i. when the cause of the problem was corrected? <b>[\$63.1386(d)(2)(viii)]</b>	Yes [ ] No [ ] N/A [ ]
9. Is the facility maintaining records of glass pull rate? <b>[\$63.1386(d)(2)(ix)]</b>	Yes [ ] No [ ]
Do these records show	
a. any period when the pull rate exceeded the average pull rate established during the performance test by more than 20 percent? <b>[\$63.1386(d)(2)(ix)]</b>	Yes [ ] No [ ]
b. the date and time of the exceedance? <b>[\$63.1386(d)(2)(ix)]</b>	Yes [ ] No [ ]
c. when corrective actions were initiated? <b>[\$63.1386(d)(2)(ix)]</b>	Yes [ ] No [ ]
d. the cause of the exceedance? <b>[\$63.1386(d)(2)(ix)]</b>	Yes [ ] No [ ]
e. an explanation of the corrective actions taken? <b>[\$63.1386(d)(2)(ix)]</b>	Yes [ ] No [ ]
f. when the cause of the exceedance was corrected? <b>[\$63.1386(d)(2)(ix)]</b>	Yes [ ] No [ ]

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