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Western Fiberglass inc

TITLE V FACILITY REVIEW

Semi-Annual Update: January 1, 2016 to June 30, 2016

Facility Name: Western Fiberglass, Inc.
Facility Permit #: A7974

The intent of this annual monitoring report is to meet the requirements of Regulation 2, Rule 6: Major Facility Review (Title V)

The management, production staff, and the purchasing department reviewed permit # A7974. There have been no instances of non-compliance.

Each shipment of resin material has been confirmed to meet the requirements of Regulation 8-50-305 and 8-50-304.

Cleaning materials have been confirmed to meet the requirements of Regulation 8-50-305.

Gel Coat materials comply to Regulation 8-50-307.

The established limits of material usage have not been exceeded.

I, Frank V. Lillo, do hereby certify the above is true, accurate, and complete.

Lillo

Frank V. Lillo
President

1555 Copperhill Parkway • Santa Rosa, CA 95403
Ph 707.523.2050, Fx 707.523.2046
www.westernfg.com

COMPLIANCE CERTIFICATION

Facility Name: Western Fiberglass, Inc.
Facility Permit #: A7974

Based on information and beliefs formed after reasonable inquiry, the statements and information in the attached Compliance Certification form are true, accurate, and complete.

x Frank Lillo
Name of Responsible Official

x [signature]
Signature

January 1, 2016 through June 30, 2016
Certification Period

7-28-16
Date

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Compliance Certification Report

Site#: A7974

Site#: A7974 Sitename: Western Fiberglass, Inc. Period: 1/01/16 to 6/30/16

Address: 1555 Copperhill Parkway City: Santa Rosa State: CA Zip: 95403

Source#: 0001 Sourcename: Filament Winder

Citation ID	Title	Compliance	Cont or Int	Days Out of Compliance / Comments
06-301	Ringelmann No.1 Limitation	Y	C	
06-305	Visible Particles	Y	C	
06-310	Particulate Weight Limitation	Y	C	
06-311	General Operations	Y	C	
06-401	Appearance of Emissions	Y	C	
08-50-110	Limited Exemption, Touch-up and Repair	Y	C	
08-50-301.01	Monomer less than 35 wt%	Y	C	
08-50-301.02	Vapor Suppressant & VOC Emission less than 60 g/m2	N/A	/	
08-50-304	Corrosion-resistant Materials	Y	C	
08-50-305	Surface Preparation and Clean-up Solvent	Y	C	
08-50-305.01	Storage in Closed Containers	Y	C	
08-50-305.02	Self-closing Containers, Disposal	Y	C	
08-50-305.03	Org. Emissions from Spray Equipment Clean-up	Y	C	

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08-50-305.04	Clean-up Solvent, VOC less than 200 g/liter	Y	C
08-50-306	Equipment Requirements	Y	C
08-50-307	Gel Coat Requirement	N/A	—
08-50-501	Records	Y	
08-50-501.01	List of Materials Used	Y	C
08-50-501.02	List VOC Content of Materials Used	Y	C
08-50-501.03	Vapor-suppressed Resin Records	N/A	—
08-50-501.04	Daily Usage Records	Y	C
08-50-501.05	Record Retention for 24 months	Y	C
40 CFR 063, Subpart wwww, T-	Open Molding - Corrosion Resistant and/or High Strength,	N/A	—
40 CFR 063, Subpart wwww, T-	Open Molding - Non-Corrosion Resistant and/or High Strength,	N/A	—
40 CFR 063, Subpart wwww, T-	Open Molding - Low Flame Spread/Low Smoke Products,	N/A	—
40 CFR 063, Subpart wwww, T-	Open Molding - Shrinkage Controlled Resin, Filament	N/A	—
40 CFR 063, Subpart wwww, T-	Tooling Gel Coating	N/A	—
40 CFR 063, Subpart wwww, T-	White/Off-White Pigmented Gel Coating	N/A	—
40 CFR 063, Subpart wwww, T-	All other Pigmented Gel Coating	N/A	—
40 CFR 063, Subpart wwww, T-	Corrosion Resistant and/or High Strength Gel Coating	N/A	—

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40 CFR 063, Subpart wwww, T-	Fire Retardant Gel Coat	N/A	/	
40 CFR 063, Subpart wwww, T-	Clear Production Gel Coat	N/A	/	
40 CFR 063.0006(e)	Operational and maintenance requirements	Y	C	
40 CFR 063.0007	Performance testing requirements	Y	C	
40 CFR 063.0008	Monitoring requirements	Y	C	
40 CFR 063.0009	Notification requirements	Y	C	
40 CFR 063.0010	Recordkeeping and reporting requirements	Y	C	
40 CFR 063.0010(a)	Applicability and general information	Y	C	
40 CFR 063.0010(b)(1)	Maintenance of files	Y	C	
40 CFR 063.5805	What standards must I meet to comply with this subpart?	Y	C	
40 CFR 063.5810	What are my options for meeting the standards for new and existing	Y	C	
40 CFR 063.5810(d)	Resins and gel coats HAP content – Table 3	Y	C	
40 CFR 063.5835	What are my general requirements for complying with this subpart?	Y	C	
40 CFR 063.5835(a)	Work practice standards in Table 4, as well as emission limits of Table	Y	C	
40 CFR 063.5835(c)	Operate and maintain affected source according to provisions of	Y	C	
40 CFR 063.5840	By what date must I conduct a performance test or other initial	Y	C	
40 CFR 063.5860	How do I demonstrate initial compliance with the standards?	Y	C	

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40 CFR 063.5860(a)	Table 8 and 9	Y	C	
40 CFR 063.5895	How do I monitor and collect data to demonstrate continuous	Y	C	
40 CFR 063.5895(b)	Monitor and collect data	Y	C	
40 CFR 063.5895(c)	Collect and keep records of resin and gel coat use, organic HAP	Y	C	
40 CFR 063.5895(d)	Initial demonstration of organic HAP emission limit or content limit	Y	C	
40 CFR 063.5900	How do I demonstrate continous compliance with the standards?	Y	C	
40 CFR 063.5900(a)	Demonstrating compliance	Y	C	
40 CFR 063.5900(a)(2)	Compliance with emission limits using point value system	N/A	/	
40 CFR 063.5900(a)(3)	Compliance with content limits using average value method or	N/A	/	
40 CFR 063.5900(a)(4)	Compliance with work practice requirements – Table 4	Y	C	
40 CFR 063.5900(b)	Reporting deviations from standards	N/A	/	
40 CFR 063.5905	What notifications must I submit and when?	Y	C	
40 CFR 063.5910	What reports must I submit and when?	Y	C	
40 CFR 063.5915(a)	Records of notifications and reports	Y	C	
40 CFR 063.5915(c)	Records of data, assumptions, and calculations Re	Y	C	
40 CFR 063.5915(d)	Certified statement	Y	C	
40 CFR 063.5920	In what form and how long must I keep my records?	Y	C	

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40 CFR 063.5925	What parts of the General Provisions apply to me?	Y	C	
Cond# 09303, part 01	Usage	Y	C	
Cond# 09303, part 02	Material Usage Specifications and Emission Limits for S-1	Y	C	
Cond# 09303, part 03	Record Keeping	Y	C	
Cond# 09303, part 04	Compliance with Regulation 8-50	Y	C	
SIP 08-50-305.04	Clean-up Solvent, VOC less than 200 g/liter	Y	C	
SIP 08-50-501.02	List VOC Content of Materials Used	Y	C	

Compliance Certification Report

Site#: A7974

Site#: A7974 Sitename: Western Fiberglass, Inc. Period: 1/01/16 to 6/30/16

Address: 1555 Copperhill Parkway City: Santa Rosa State: CA Zip: 95403

Source#: 0002 Sourcename: Closed Mold Vacuum

Citation ID	Title	Compliance	Cont or Int	Days Out of Compliance / Comments
06-301	Ringelmann No.1 Limitation	N/A	/	
06-305	Visible Particles	N/A	/	
06-310	Particulate Weight Limitation	N/A	/	
06-401	Appearance of Emissions	N/A	/	
08-50-110	Limited Exemption, Touch-up and Repair	N/A	/	
08-50-301.03	Closed Mold System 08-50-302.01 Airless Spray	Y	C	
08-50-304	Corrosion-resistant Materials	N/A	/	
08-50-305	Surface Preparation and Clean-up Solvent	N/A	/	
08-50-305.01	Storage in Closed Containers	N/A	/	
08-50-305.02	Self-closing Containers, Disposal	N/A	/	
08-50-305.03	Org. Emissions from Spray Equipment Clean-up	N/A	/	
08-50-305.04	Clean-up Solvent, VOC less than 200 g/liter	N/A	/	
08-50-307	Gel Coat Requirement	N/A	/	

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08-50-501	Records	Y	
08-50-501.01	List of Materials Used	N/A	—
08-50-501.02	List VOC Content of Materials Used	N/A	—
08-50-501.03	Vapor-suppressed Resin Records	N/A	—
08-50-501.04	Daily Usage Records	Y	C
08-50-501.05	Record Retention for 24 months	Y	C
40 CFR 063, Subpart wwww, T-	Tooling Gel Coating	N/A	—
40 CFR 063, Subpart wwww, T-	White/Off-White Pigmented Gel Coating	N/A	—
40 CFR 063, Subpart wwww, T-	All other Pigmented Gel Coating	N/A	—
40 CFR 063, Subpart wwww, T-	Corrosion Resistant and/or High Strength Gel Coating	N/A	—
40 CFR 063, Subpart wwww, T-	Fire Retardant Gel Coat	N/A	—
40 CFR 063, Subpart wwww, T-	Clear Production Gel Coat	N/A	—
40 CFR 063.0004	Prohibited activities and circumvention	Y	C
40 CFR 063.0006(e)	Operational and maintenance requirements	Y	C
40 CFR 063.0007	Performance testing requirements	Y	C
40 CFR 063.0008	Monitoring requirements	Y	C
40 CFR 063.0009	Notification requirements	Y	C

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40 CFR 063.0010	Recordkeeping and reporting requirements	Y	C	
40 CFR 063.0010(a)	Applicability and general information	Y	C	
40 CFR 063.0010(b)(1)	Maintenance of files	Y	C	
40 CFR 063.5805	What standards must I meet to comply with this subpart?	Y	C	
40 CFR 063.5805(a)	Existing facility that is not a small business and that emits less than	N/A	/	
40 CFR 063.5810	What are my options for meeting the standards for new and existing	Y	C	
40 CFR 063.5810(d)	Resins and gel coats HAP content – Table 3	Y	C	
40 CFR 063.5835	What are my general requirements for complying with this subpart?	Y	C	
40 CFR 063.5835(a)	Work practice standards in Table 4, as well as emission limits of Table	Y	C	
40 CFR 063.5835(c)	Operate and maintain affected source according to provisions of	Y	C	
40 CFR 063.5840	By what date must I conduct a performance test or other initial	Y	C	
40 CFR 063.5860	How do I demonstrate initial compliance with the standards?	Y	C	
40 CFR 063.5860(a)	Table 8 and 9	Y	C	
40 CFR 063.5895	How do I monitor and collect data to demonstrate continuous	Y	C	
40 CFR 063.5895(b)	Monitor and collect data	Y	C	
40 CFR 063.5895(c)	Collect and keep records of resin and gel coat use, organic HAP	Y	C	
40 CFR 063.5895(d)	Initial demonstration of organic HAP emission limit or content limit	Y	C	

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40 CFR 063.5900	How do I demonstrate continous compliance with the standards?	Y	C	
40 CFR 063.5900(a)	Demonstrating compliance	Y	C	
40 CFR 063.5900(a)(2)	Compliance with emission limits using point value system	N/A	/	
40 CFR 063.5900(a)(3)	Compliance with content limits using average value method or	N/A	/	
40 CFR 063.5900(a)(4)	Compliance with work practice requirements – Table 4	Y	C	
40 CFR 063.5900(b)	Reporting deviations from standards	N/A	/	
40 CFR 063.5905	What notifications must I submit and when?	Y	C	
40 CFR 063.5910	What reports must I submit and when?	Y	C	
40 CFR 063.5915(a)	Records of notifications and reports	Y	C	
40 CFR 063.5915(c)	Records of data, assumptions, and calculations Re	Y	C	
40 CFR 063.5915(d)	Certified statement	Y	C	
40 CFR 063.5920	In what form and how long must I keep my records?	Y	C	
40 CFR 063.5925	What parts of the General Provisions apply to me?	Y	C	
Cond# 09303, part 05	Usage	Y	C	
Cond# 09303, part 06	Material Usage Specifications and Emission Limits for S-2	Y	C	
Cond# 09303, part 07	Record Keeping	Y	C	
SIP 08-50-305.04	Clean-up Solvent, VOC less than 200 g/liter	Y	C	

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SIP 08-50-501.02	List VOC Content of Materials Used	Y	C

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Site#: A7974

Site#: A7974 Sitename: Western Fiberglass, Inc. Period: 1/01/16 to 6/30/16

Address: 1555 Copperhill Parkway City: Santa Rosa State: CA Zip: 95403

Source#: 0003 Sourcename: Chopper Guns (2)

Citation ID	Title	Compliance	Cont or Int	Days Out of Compliance / Comments
06-301	Ringelmann No.1 Limitation	Y	C	
06-305	Visible Particles	Y	C	
06-310	Particulate Weight Limitation	Y	C	
06-401	Appearance of Emissions	Y	C	
08-50-110	Limited Exemption, Touch-up and Repair	Y	C	
08-50-220	Volatile Organic Compound (VOC)	Y	C	
08-50-301.01	Monomer less than 35 wt%	Y	C	
08-50-301.02	Vapor Suppressant & VOC Emission less than 60 g/m2	N/A	/	
08-50-302	Spraying Operations	Y	C	
08-50-302.01	Airless Spray	N/A	/	
08-50-302.02	Air-Assisted Airless Spray	Y	C	
08-50-302.03	Electrostatic Spray	N/A	/	
08-50-302.04	HVLP	N/A	/	

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08-50-304	Corrosion-resistant Materials	Y	C	
08-50-305	Surface Preparation and Clean-up Solvent	Y	C	
08-50-305.01	Storage in Closed Containers	Y	C	
08-50-305.02	Self-closing Containers, Disposal	Y	C	
08-50-305.03	Org. Emissions from Spray Equipment Clean-up	Y	C	
08-50-305.04	Clean-up Solvent, VOC less than 200 g/liter	Y	C	
08-50-307	Gel Coat Requirement	N/A	/	
08-50-501	Records	Y	C	
08-50-501.01	List of Materials Used	Y	C	
08-50-501.02	List VOC Content of Materials Used	Y	C	
08-50-501.03	Vapor-suppressed Resin Records	N/A	/	
08-50-501.04	Daily Usage Records	Y	C	
08-50-501.05	Record Retention for 24 months	Y	C	
40 CFR 063, Subpart wwww, T-	Tooling Gel Coating	Y	C	
40 CFR 063, Subpart wwww, T-	White/Off-White Pigmented Gel Coating	N/A	/	
40 CFR 063, Subpart wwww, T-	All other Pigmented Gel Coating	N/A	/	
40 CFR 063, Subpart wwww, T-	Corrosion Resistant and/or High Strength Gel Coating	N/A	/	

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40 CFR 063, Subpart wwww, T-	Fire Retardant Gel Coat	N/A	
40 CFR 063, Subpart wwww, T-	Clear Production Gel Coat	N/A	
40 CFR 063.0004	Prohibited activities and circumvention	Y	C
40 CFR 063.0006(e)	Operational and maintenance requirements	Y	C
40 CFR 063.0007	Performance testing requirements	Y	C
40 CFR 063.0008	Monitoring requirements	Y	C
40 CFR 063.0009	Notification requirements	Y	C
40 CFR 063.0010	Recordkeeping and reporting requirements	Y	
40 CFR 063.0010(a)	Applicability and general information	Y	C
40 CFR 063.0010(b)(1)	Maintenance of files	Y	C
40 CFR 063.5805	What standards must I meet to comply with this subpart?	Y	C
40 CFR 063.5805(a)	Existing facility that is not a small business and that emits less than	N/A	
40 CFR 063.5810	What are my options for meeting the standards for new and existing	Y	C
40 CFR 063.5810(d)	Resins and gel coats HAP content – Table 3	Y	C
40 CFR 063.5835	What are my general requirements for complying with this subpart?	Y	C
40 CFR 063.5835(a)	Work practice standards in Table 4, as well as emission limits of Table	Y	C
40 CFR 063.5835(c)	Operate and maintain affected source according to provisions of	Y	C

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40 CFR 063.5840	By what date must I conduct a performance test or other initial	Y	C
40 CFR 063.5860	How do I demonstrate initial compliance with the standards?	Y	C
40 CFR 063.5860(a)	Table 8 and 9	Y	C
40 CFR 063.5895	How do I monitor and collect data to demonstrate continuous	Y	C
40 CFR 063.5895(b)	Monitor and collect data	Y	C
40 CFR 063.5895(c)	Collect and keep records of resin and gel coat use, organic HAP	Y	C
40 CFR 063.5895(d)	Initial demonstration of organic HAP emission limit or content limit	Y	C
40 CFR 063.5900	How do I demonstrate continous compliance with the standards?	Y	C
40 CFR 063.5900(a)	Demonstrating compliance	Y	C
40 CFR 063.5900(a)(2)	Compliance with emission limits using point value system	Y	C
40 CFR 063.5900(a)(3)	Compliance with content limits using average value method or	Y	C
40 CFR 063.5900(a)(4)	Compliance with work practice requirements – Table 4	Y	C
40 CFR 063.5900(b)	Reporting deviations from standards	Y	C
40 CFR 063.5905	What notifications must I submit and when?	Y	C
40 CFR 063.5910	What reports must I submit and when?	Y	C
40 CFR 063.5915(a)	Records of notifications and reports	Y	C
40 CFR 063.5915(c)	Records of data, assumptions, and calculations Re	Y	C

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40 CFR 063.5915(d)	Certified statement	Y	C	
40 CFR 063.5920	In what form and how long must I keep my records?	Y	C	
40 CFR 063.5925	What parts of the General Provisions apply to me?	Y	C	
Cond# 09303, part 08	Usage	Y	C	
Cond# 09303, part 09	Material Usage Specifications and Emission Limits for S-3	Y	C	
Cond# 09303, part 10	Record Keeping	Y	C	
Cond# 09303, part 11	Compliance with Regulation 8-50	Y	C	
Cond# 09303, part 12	All Spray Operations Must Be In Building	Y	C	
Cond# 09303, part 13	No More Than One Chopper Gun in Operation at One Time	Y	C	
SIP 08-50-305.04	Clean-up Solvent, VOC less than 200 g/liter	Y	C	
SIP 08-50-501.02	List VOC Content of Materials Used	Y	C	

Compliance Certification Report

Site#: A7974

Site#: A7974 Sitename: Western Fiberglass, Inc. Period: 1/01/16 to 6/30/16

Address: 1555 Copperhill Parkway City: Santa Rosa State: CA Zip: 95403

Source#: Facility Sourcename: Facility

Citation ID	Title	Compliance	Cont or Int	Days Out of Compliance / Comments
02-01-429	Federal Emissions Statement	Y	C	
40 CFR 061, Subpart M	NESHAPS, Asbestos	Y	C	
AB 2588	California Assembly Bill 2588 Toxics "Hot Spots"	Y	C	
Regulation 01	General Provisions and Definitions	Y	C	
Regulation 02, Rule 01	Permits, General Requirements	Y	C	
Regulation 04	Air Pollution Episode Plan	Y	C	
Regulation 05	Open Burning	Y	C	
Regulation 06	Particulate Matter and Visible Emissions	Y	C	
Regulation 07	Odorous Substances	Y	C	
Regulation 08, Rule 01	Organic Compounds - General Provisions	Y	C	
Regulation 08, Rule 03	Org. Compounds - Architectural Coatings	Y	C	
Regulation 08, Rule 04	Org. Compounds - Gen. Solvent/Surface Coating Opera	Y	C	
Regulation 08, Rule 16	Org. Compounds - Solvent Cleaning Operations	Y	C	

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Regulation 08, Rule 40	Aeration of Contaminated Soil and Removal of Underground Storage	Y	C	
Regulation 08, Rule 47	Organic Compounds - Air Stripping and Soil Vapor Extraction	Y	C	
Regulation 08, Rule 49	Org. Compounds - Aerosol Paint Products	Y	C	
Regulation 08, Rule 51	Org. Compounds - Adhesive and Sealant Products	Y	C	
Regulation 09, Rule 01	Sulfur Dioxide	Y	C	
Regulation 11, Rule 02	Asbestos Demolition, Renovation, etc.	Y	C	
Regulation 12, Rule 04	Sandblasting	Y	C	
SIP Regulation 01	General Provisions and Definitions	Y	C	
SIP Regulation 02, Rule 01	Permits, General Requirements	Y	C	
SIP Regulation 04	Air Pollution Episode Plan	Y	C	
SIP Regulation 08, Rule 03	Org. Compounds - Architectural Coatings	Y	C	
SIP Regulation 08, Rule 04	Org. Compounds - General Solvent and Surface Coating	Y	C	
SIP Regulation 08, Rule 16	Organic Compounds – Solvent Cleaning Operations	Y	C	
SIP Regulation 08, Rule 49	Org. Compounds - Aerosol Paint Products	Y	C	
SIP Regulation 08, Rule 51	Adhesive and Sealant Products	Y	C	
SIP Regulation 09, Rule 01	Sulfur Dioxide	Y	C	
SIP Regulation 12, Rule 04	Sandblasting	Y	C	

COMPLIANCE CERTIFICATION

Facility Name: Western Fiberglass, Inc.
Facility Permit #: A7974

Based on information and beliefs formed after reasonable inquiry, the statements and information in the attached Compliance statement are true, accurate, and complete. They are to comply with federal regulation 40 CFR Part 63.

x Frank Lillo
Name of Responsible Official

x Lillo
Signature

January 1, 2016 through June 30, 2016
Certification Period

7-28-16
Date

1555 Copperhill Parkway • Santa Rosa, CA 95403
Ph 707.523.2050, Fx 707.523.2046
www.westernfg.com

EMMISSIONS CALCULATIONS
SOURCE 1

Emmissions (per permit) = (.47)(20,000 gal/yr)(8.935 lb/gal)((0.09) + (0.8)(0.13-0.09)) + (0.73928 lb/gal)(600 gal/yr)

= (.47)(20,000)(8.935)(.122) + 443.57

= 10246.66 + 443.57

= 10690.23 lb/yr

= 29.29 lb/day

= 5.35 tpy

Emmissions (actual) 1/1/16 - 6/30/16:

= (.45)(454 gal/yr)(8.935 lb/gal)((0.09) + (0.8)(0.13-0.09)) + (0.73928 lb/gal)(34.34 gal/yr)

= (.45)(454)(8.935)(0.122) + (0.73928 lb/gal) (34.34 gal/yr)

= 222.70 + 25.39

= 248.09 lb/6-mo

= 1.34 lb/day

= 0.12 tons/6-mo.