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BAY AREA AIR QUALITY  
MANAGEMENT DISTRICT

### TITLE V FACILITY REVIEW

Semi-Annual Update: July 1, 2011 to December 31, 2011

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

The intent of this semi-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.

A handwritten signature in black ink, appearing to read "F. Lillo".

Frank V. Lillo  
President

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1555 Copperhill Parkway • Santa Rosa, CA 95403  
Ph: (800) 688-3375 or (707) 523-2046  
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[www.westernfg.com](http://www.westernfg.com)



Compliance Certification

Based in information and belief 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

July 1, 2011 through December 31, 2011  
Certification Period

1-27-12  
Date

Facility #A7974  
Western Fiberglass, Inc.  
1555 Copperhill Parkway  
Santa Rosa, CA 95403

# Compliance Certification Record

Site#: A7974  
 Address: 1555 Copperhill Parkway  
 Source#: 0001  
 City: Santa Rosa  
 State: CA  
 Zip: 95403  
 Period: 7/01/11 to 12/31/11  
 Sitename: Western Fiberglass, Inc.  
 Source name: Fiberglass Winder

Citation ID	Title	Compliance	Cont or Int	Days Out of Compliance / Comments
05-301	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/m <sup>2</sup>	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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Site#: A7974

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	/

Compliance Certification Report

Site# - A1974

40 CFR 063.5860 Subpart wwww, T	Fire Retardant Gel Coat	N/A	/
40 CFR 063.5835 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 Resins and gel coats HAP content Table 3	Y	C
40 CFR 063.5810(d)	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

# Compliance Certification Report

Site#: A7974

40 CFR 063.5860(a)	Table 8 and 9				
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 coal 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 continuous compliance with the standards?	Y	C		
40 CFR 063.5900(a)	Demonstrating compliance	Y	C		
40 CFR 063.5900(a)	Compliance with emission limits using point value system	N/A	/		
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		

Compliance Certification Report

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40 CFR 063.5925	What parts of the General Provisions apply to me?				
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

Address: 1555 Copperhill Parkway

City: Santa Rosa

State: CA

Period: 7/01/11 to 12/31/11

Source#: 0002

Sourcename: Closed Mold Vacuum

Zip: 95403

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	N/A	/	
08-50-302.01	Airless Spray	N/A	/	
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/gal	N/A	/	
08-50-307	Get Coat Requirement	N/A	/	



# Compliance Certification Report

Sheet: A79741

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 063.0006(e)	Prohibited activities and circumvention		Y	C
40 CFR 063.0007	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

Compliance Certification Report

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

Compliance Certification Report

Site#: A7974

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

# Compliance Certification Report

Site#: A7974      Site#: A7974      Sitename: Western Fiberglass, Inc.      Period: 7/01/11 to 12/31/11  
 Address: 1555 Coppertill Parkway      City: Santa Rosa      State: CA      Zip: 95403  
 Source#: 0003      Source name: 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/m <sup>2</sup> Spraying Operations	N/A	C	
08-50-302	Airless Spray	Y	C	
08-50-302.01	Airless Spray	N/A	C	
08-50-302.02	Air-Assisted Airless Spray	Y	C	
08-50-302.03	Electrostatic Spray	N/A	C	
08-50-302.04	HVLP	N/A	C	

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Compliance Certification Record

Site#: A7974

08-50-304	Corrosion-resistant Materials		
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	C
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	C
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	C
40 CFR 063, Subpart wwww, T	All other Pigmented Gel Coating	N/A	C
40 CFR 063, Subpart wwww, T	Corrosion Resistant and/or High Strength Gel Coating	N/A	C

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40 CFR 063. Subpart www, T	Fire Retardant Gel Coat	N/A	
40 CFR 063. Subpart www, 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

Compliance Certification, Keegan

Site#: A7974

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 continuous 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 063.5910	What notifications must I submit and when?	Y	C
40 CFR 063.5915(a)	What reports must I submit and when?	Y	C
40 CFR 063.5915(c)	Records of data, assumptions, and calculations Re	Y	C



Compliance Certification Report

Site#: A7974

40 CFR 063.5915(d)	Certified statement			
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: 7/01/11 to 12/31/11

Address: 1555 Copperhill Parkway

City: Santa Rosa

State: CA

Zip: 95403

Source#: Facility

Source name: 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" General Provisions and Definitions	Y	C	
Regulation 01	Permits, General Requirements	Y	C	
Regulation 02, Rule 01	Air Pollution Episode Plan	Y	C	
Regulation 04	Open Burning	Y	C	
Regulation 05	Particulate Matter and Visible Emissions	Y	C	
Regulation 06	Odororous Substances	Y	C	
Regulation 07	Organic Compounds - General Provisions	Y	C	
Regulation 08, Rule 01	Org. Compounds - Architectural Coatings	Y	C	
Regulation 08, Rule 03	Org. Compounds - Gen. Solvent/Surface Coating Opera	Y	C	
Regulation 08, Rule 04	Org. Compounds - Solvent Cleaning Operations	Y	C	
Regulation 08, Rule 16				

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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

Based in information and belief 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 [Signature]  
Signature

July 1, 2011 through December 31, 2011  
Certification Period

1-27-12  
Date

Facility #A7974  
Western Fiberglass, Inc.  
1555 Copperhill Parkway  
Santa Rosa, CA 95403

## EMMISSIONS CALCULATIONS

## SOURCE 1

$$\begin{aligned} \text{Emmissions (per permit)} &= (.47)(20,000 \text{ gal/yr})(8.935 \text{ lb/gal})((0.09) + (0.8)(0.13-0.09)) \\ &\quad + (0.73928 \text{ lb/gal})(600 \text{ gal/yr}) \end{aligned}$$

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

$$= 10246.66 + 443.57$$

$$= 10690.23 \text{ lb/yr}$$

$$= 29.29 \text{ lb/day}$$

$$= 5.35 \text{ tpy}$$

## Emmissions (actual) 7/01/11 - 12/31/11:

$$\begin{aligned} &= (.45)(559 \text{ gal/yr})(8.935 \text{ lb/gal})((0.09) + (0.8)(0.13-0.09)) \\ &\quad + (0.73928 \text{ lb/gal})(3.82 \text{ gal/yr}) \end{aligned}$$

$$= (.45)(559)(8.935)(.122) + 3.82$$

$$= 274.21 + 3.82$$

$$= 278.03 \text{ lb/yr}$$

$$= .76 \text{ lb/day}$$

$$= 0.14 \text{ tpy}$$