

Via Email and Certified Mail with return receipt

February 21, 2018

Mr. Jay Griffith G.S. Roofing CertainTeed 1431 W. E Street Wilmington, CA 90744

Subject: Approval of AB 2588 Health Risk Assessment (HRA) for G.S. Roofing CertainTeed (SCAQMD Facility ID No.: 057094)

Dear Mr. Griffith:

This letter provides approval of the HRA submitted on January 30, 2018 by G.S. Roofing-CertainTeed (G.S. Roofing) pursuant to the Air Toxics "Hot Spots" Act (AB 2588) and South Coast Air Quality Management District's (SCAQMD) Rule 1402. As noted in the HRA Summary Form (Attachment A), the risks posed by G.S. Roofing are above the public notification thresholds specified in Rule 1402. Pursuant to Rule 1402 (q)(1), G.S. Roofing will be required to notify the public within thirty (**30**) days of the approval of the HRA. As stated in SCAQMD's Public Notification Procedures¹, this notification includes both written notices sent through the US Mail and a public meeting. Details regarding this HRA approval are below.

Background

In accordance with AB 2588 and SCAQMD Rule 1402, SCAQMD staff notified G.S. Roofing on November 1, 2017 that it must submit an HRA based on its 2012 Air Toxic Inventory Report (ATIR). The HRA prepared for this request was submitted on January 30, 2018. The HRA was subsequently reviewed by SCAQMD staff.

Next Step: Public Notification

As summarized in Attachment A, the non-cancer acute hazard index at the fence-line receptor is estimated to be **1.82**. This acute hazard index is due to Hydrogen Sulfide (H₂S) emissions from the laminant storage tank and it exceeds the public notification threshold specified in Rule 1402. A map showing the areas with health risk levels exceeding public notification thresholds is also attached to this letter (Attachment B). Therefore, G.S. Roofing must conduct public notification pursuant to SCAQMD Public Notification Procedures within **30** days of approval of the HRA. The Public Notice must be sent to all addresses within the notification area contour (non-cancer acute hazard of 1.0) found in Attachment B.

¹ http://www.aqmd.gov/docs/default-source/planning/risk-assessment/pn_procedures.pdf

It is SCAQMD's practice to post the HRA on its website and in a public library once it is approved. If there is any business confidential information contained within the submitted HRA, please let us know and provide us with a redacted version of the HRA within two weeks (no later than March 7, 2018). SCAQMD staff did not find any information marked confidential in the submitted HRA.

In addition, given the short timeframe for conducting public notification, please schedule a meeting with SCAQMD staff within one week to discuss the next steps for public notification. If you have any questions regarding this letter please contact either Hoshik Yoo, Senior Air Quality Engineer at (909) 396-2485 or Victoria Moaveni at (909) 396-2455.

Sincerely,

Jillian Wong

Jillian Wong, Ph. D. Planning & Rules Manager

Attachment:

- A. HRA Summary Form
- B. Public Notification Area Map
- cc: Clem Benavente, CertainTeed Saint-Gobain Mario Sanchez, CertainTeed Saint-Gobain Carlos E. Davis, Saint-Gobain William Woyshner, Saint-Gobain

Pragya Sharma, Trinity Consultants

Susan Nakamura, SCAQMD Victoria Moaveni, SCAQMD Allen Hoshik Yoo, SCAQMD ſ

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ATTACHMENT A

South Coast	
South Coast Air Quality Manager	nent District
South Coast 21865 Copley Drive, Diamond Bar, CA AQMD (909) 396-2000 • www.aqmd.gov	
AQMD (909) 396-2000 • www.aqmd.gov	

HEALTH RISK ASSESSMENT SUMMARY FORM

Facinty Name .	Facility Name : GS Roofing CertainTeed						
Facility Address:	Facility Address: 1431 W E Street, Wilmington, CA 90744						
Type of Business: Asphalt Felts and Coatings							
SCAQMD ID No.: 57094							
Inventory Year :	2012	: Reproduced b	y HY using 2012	ATIR/EIN	М & HRA.		
A. Cancer Ris	sk		n means one chance of a chemical over		illion of getting cancer from beir l of time)	ng constantly exposed	
1. Maximum Cancer	r Risk to Re	eceptors :	(Offsite and res	idence =	30-year exposure, worker = 25	-year exposure)	
a. Offsite	20.409	in a million	Location:	3814	61E, 3737772N (Fenceline)		
b. Residence	6.327	in a million	Location:	3816	25E, 3737732N		
c. Worker	1.330	in a million	Location:	3813	13E, 3737742N		
2. Substances Acco	unting for 9	0% of Cancer	r Risk:	Benze	ene (53.5%) Formaldehyde (2	29.2%) 1,3-Butadiene (14.7%)	
Processes Accou	nting for 90	0% of Cancer	Risk:				
 Estimated Popula a. 1 to <10 in a n b. 10 to <100 in a 	nillion	ed to Specific		r a 70-y 	year exposure		
c. >100 in a millio	on						
d. Total ≥ 1 in a	a million	181	5				
4. Cancer Burden:	0.04		Cancer Burden	= (<i>cano</i>	cer risk) x (no. of people expos	ed to specific cancer risk)	
5. Maximum Distance to Edge of 70-year, 1×10^{-6} Cancer Risk Isopleth (meters) approx. 1000							
J. Maximum Dista	nce to Edge	e of 70-year, 1	x 10 ⁻⁶ Cancer	r Risk I	sopleth (meters)	approx. 1000	
B. Hazard Inc	-	[Long Term Effe (non-carcinogen	ects (chronic) and S ic impacts are estin	Short Teri nated by	-	ution to identified	
	lices	[Long Term Effe (non-carcinogen reference exposu	ects (chronic) and S ic impacts are estin	Short Teri nated by	m Effects (acute)] comparing calculated concentra	ution to identified	
B. Hazard Ind	lices ic Hazard In	[Long Term Effe (non-carcinogen reference exposu	ects (chronic) and S ic impacts are estin re levels, and expr	Short Tern mated by ressing th	m Effects (acute)] comparing calculated concentra	ution to identified	
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2. Risk Reduction Required? ____Yes ___X_No

ATTACHMENT B

Acute Hazard Isopleth & Notification Area Map

