

October 28, 2022

Living Vehicle Inc.
123 Santa Barbara Street
Santa Barbara, CA 93101

To Whom It May Concern:

This letter will serve to document that J. S. Held, LLC (J.S. Held) has tested recreation vehicles (RV) from Living Trailer for indoor air quality (IAQ) parameters provided by the US Green Building Council (GBC) Leadership in Energy and Environmental Design (LEED) certification program, and that all testing performed in those trailers successfully met the criteria established by the GBC for acceptable IAQ.

On September 19 and October 22, 2022, J.S. Held performed IAQ assessments of two newly manufactured trailers located at the Valencia RV Village, at 27946 Henry Mayo Drive in Castaic, California. The purpose of the assessment was to evaluate current conditions and potential for off-gassing from materials used in the construction and production of the trailers. The assessment included a visual inspection of the interior of the trailers as well as air monitoring and sampling inside and outside the trailers for a wide variety of potential indoor contaminants, including:

- Volatile organic compounds (VOCs) and formaldehyde
- Airborne particulate matter, PM₁₀ and PM_{2.5}
- Airborne mold spores
- Gases; Oxygen, Ozone, Carbon Monoxide, Hydrogen Sulfide

The following is a summary of the assessment findings:

- Air concentrations of all the above identified potential air contaminants were determined to be very low overall with all individual substances detected measured within acceptable levels.
- Indoor air quality criteria issued by the Green Building Council's LEED certification program were met for all parameters by both trailers tested. See parameters and criteria next page.
- Airborne particulate matter levels were acceptable inside the trailer tested and were lower inside the trailer than outside the trailer.
- Both trailers were in excellent condition with no obvious signs of water damage, material degradation or other environmental issues.
- Unusual odors were not detected within either trailer.

Sincerely,

Robert I. Leighton

Robert I. Leighton, MHS, CIH, CSP
Senior Vice President, Environmental Health & Safety



U.S. GREEN BUILDING COUNCIL LEED AIR QUALITY CRITERIA TABLE MAXIMUM CONCENTRATION LEVELS BY CONTAMINANT AND TESTING METHOD

Contaminant		Maximum concentration	ASTM and U.S. EPA methods	ISO method	
Particulates	PM10 (for all buildings)	50 µg/m ³ Healthcare only: 20 µg/m ³	EPA Compendium Method IP-10	ISO 7708	
	PM2.5 (for buildings in EPA nonattainment areas for PM2.5, or local equivalent)	15 µg/m ³			
Ozone (for buildings in EPA nonattainment areas for Ozone, or local equivalent)		0.075 ppm	ASTM D5149 - 02	ISO 13964	
Carbon monoxide (CO)		9 ppm; no more than 2 ppm above outdoor levels	EPA Compendium Method IP-3	ISO 4224	
Total volatile organic compounds (TVOCs)		500 µg/m ³ Healthcare only: 200 µg/m ³	EPA TO-1, TO-17, or EPA Compendium Method IP-1	ISO 16000-6	
Formaldehyde		27 ppb Healthcare only: 16.3 ppb	ASTM D5197, EPA TO-11, or EPA Compendium Method IP-6	ISO 16000-3	
Target volatile organic compounds*	1	Acetaldehyde	140 µg/m ³	ASTM D5197; EPA TO-1, TO-17, or EPA Compendium Method IP-1	ISO 16000-3, ISO 16000-6
	2	Benzene	3 µg/m ³		
	3	Carbon disulfide	800 µg/m ³		
	4	Carbon tetrachloride	40 µg/m ³		
	5	Chlorobenzene	1000 µg/m ³		
	6	Chloroform	300 µg/m ³		
	7	Dichlorobenzene (1,4-)	800 µg/m ³		
	8	Dichloroethylene (1,1)	70 µg/m ³		
	9	Dimethylformamide (N,N-)	80 µg/m ³		
	10	Dioxane (1,4-)	3000 µg/m ³		
	11	Epichlorohydrin	3 µg/m ³		
	12	Ethylbenzene	2000 µg/m ³		
	13	Ethylene glycol	400 µg/m ³		
	14	Ethylene glycol monoethyl ether	70 µg/m ³		
	15	Ethylene glycol monoethyl ether acetate	300 µg/m ³		
	16	Ethylene glycol monomethyl ether	60 µg/m ³		
	17	Ethylene glycol monomethyl ether acetate	90 µg/m ³		
	19	Hexane (n-)	7000 µg/m ³		
	20	Isophorone	2000 µg/m ³		
	21	Isopropanol	7000 µg/m ³		
	22	Methyl chloroform	1000 µg/m ³		
	23	Methylene chloride	400 µg/m ³		
	24	Methyl t-butyl ether	8000 µg/m ³		
	25	Naphthalene	9 µg/m ³		
	26	Phenol	200 µg/m ³		
	27	Propylene glycol monomethyl ether	7000 µg/m ³		
	28	Styrene	900 µg/m ³		
	29	Tetrachloroethylene (Perchloroethylene)	35 µg/m ³		
	30	Toluene	300 µg/m ³		
	31	Trichloroethylene	600 µg/m ³		
	32	Vinyl acetate	200 µg/m ³		
	33-35	Xylenes, technical mixture (m-, o-, p-xylene combined)	700 µg/m ³		

ppb = parts per billion; ppm = parts per million; µg/cm = micrograms per cubic meter

*The target volatile organic compounds are from CDPH Standard Method v1.1, Table 4-1. The Maximum concentration limits for these target compounds are the full CREL adopted by Cal/EPA OEHHA in effect on June 2014
<http://oehha.ca.gov/air/allrels.html>.