



104 Montgomery Avenue  
Cle Elum, WA 98922  
Tel: (509) 674-4414  
Fax: (509) 674-4420  
[www.shoemakermfg.com](http://www.shoemakermfg.com)

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Re: Living Building Challenge Compliance

To Whom it May Concern:

This letter verifies products manufactured and/or sold by Shoemaker Manufacturing Company listed in Exhibit A comply with the Living Building Challenge Red List requirements. Products not listed in Exhibit A have not been confirmed as meeting these requirements, but are not necessarily noncompliant. Please contact us for more information about products not listed in Exhibit A.

Sincerely,

A handwritten signature in black ink that reads 'John Hein'.

John Hein  
President – Shoemaker Mfg. Co.

## Exhibit A

The following Shoemaker products comply with the Living Building Challenge / Red List:

Product Line	Shoemaker Series	Description
Commercial Surface Mount	905	Aluminum Airfoil Blade Grille with 45° Fixed Blade (blades parallel to longest dimension)
Commercial Surface Mount	906	Aluminum Airfoil Blade Grille with 45° Fixed Blade (blades parallel to shortest dimension)
Commercial Surface Mount	907	Aluminum Airfoil Blade Grille with 0° Fixed Blade (blades parallel to longest dimension)
Commercial Surface Mount	908	Aluminum Airfoil Blade Grille with 0° Fixed Blade (blades parallel to shortest dimension)
Commercial Surface Mount	915	Fixed 45° Bar Blade Grille (bar blades parallel to longest dimension)
Commercial Surface Mount	916	Fixed 45° Bar Blade Grille (bar blades parallel to shortest dimension)
Commercial Surface Mount	935	Steel Blade Grille with 45° Fixed Blade (blades parallel to the longest dimension)
Commercial Surface Mount	936	Steel Blade Grille with 45° Fixed Blade (blades parallel to the shortest dimension)
Commercial Surface Mount	937	Steel Blade Grille with 0° Fixed Blade (blades parallel to the longest dimension)
Commercial Surface Mount	938	Steel Blade Grille with 0° Fixed Blade (blades parallel to the shortest dimension)
Commercial Surface Mount	1301-1304	Architectural Design with Rectangular Slots
Commercial Surface Mount	1305-1308	Architectural Design Stamped Face Lattice
Commercial Surface Mount	901	Aluminum Single Deflection Adjustable Blade Diffuser (blades parallel to longest dimension)
Commercial Surface Mount	902	Aluminum Single Deflection Adjustable Blade Diffuser (blades parallel to shortest dimension)
Commercial Surface Mount	903	Aluminum Double Deflection Adjustable Blade Diffuser (front blades parallel to longest dimension)
Commercial Surface Mount	904	Aluminum Double Deflection Adjustable Blade Diffuser (front blades parallel to shortest dimension)
Commercial Surface Mount	931	Steel Single Deflection Adjustable Blade Diffuser (blades parallel to longest dimension)
Commercial Surface Mount	932	Steel Single Deflection Adjustable Blade Diffuser (blades parallel to shortest dimension)
Commercial Surface Mount	933	Steel Double Deflection Adjustable Blade Diffuser (front blades parallel to longest dimension)
Commercial Surface Mount	934	Steel Double Deflection Adjustable Blade Diffuser (front blades parallel to shortest dimension)
Commercial Surface Mount	950	Adjustable Aluminum Airfoil Blade Diffuser
Commercial Surface Mount	100	Step Down Ceiling Diffuser
Commercial Surface Mount	CB	Adjustable Curved Blade Diffuser
Commercial Surface Mount	MA	Modular Core Diffuser
Commercial Surface Mount	MCB	Adjustable Modular Curved Blade Diffuser
Commercial Surface Mount	4000	Aluminum Transfer Door Grille (Single Frame)
Commercial Surface Mount	4100	Aluminum Transfer Door Grille (Additional Loose Frame)
Commercial Surface Mount	600FG	Aluminum Lattice Filter Grille
Commercial Surface Mount	620FG	Lattice Filter Grille
Commercial Surface Mount	620PFG	Perforated Filter Grille
Commercial Surface Mount	645FG	45° Aluminum Lattice Filter Grille
Commercial Surface Mount	905FG	Fixed 45° Airfoil Blade Filter Grille
Commercial Surface Mount	915FG	Fixed Bar Blade Filter Grille
Commercial Surface Mount	935FG	Fixed 45° Steel Blade Filter Grille
Commercial Surface Mount	1525	Gym Grade Bar Register (30° deflection)
Commercial Surface Mount	1560	Gym Grade Bar Register (0° deflection)
Commercial Surface Mount	1610	Gym Grade Bar Grille (0° deflection)
Commercial Surface Mount	1625	Gym Grade Bar Grille (30° deflection)
Commercial Surface Mount	600	Aluminum Lattice Return Air Grille
Commercial Surface Mount	645	45° Aluminum Lattice Return Air Grille

Product Line	Shoemaker Series	Description
Commercial Surface Mount	DVD	Square & Rectangular Directional Diffuser
Commercial Surface Mount	500CB	Perforated Surface Mount Diffuser with Adjustable Curved Blade
Commercial Surface Mount	500MA	Perforated Surface Mount Diffuser with Modular Core
Commercial Surface Mount	600P	Perforated Return Air Grille
Commercial Surface Mount	SM-HL	Architectural High Volume Surface Mount Plaque Diffuser
Commercial Surface Mount	1000R	Sill Return Air Grille
Commercial Surface Mount	1000S	Sill Supply Diffuser
Commercial Surface Mount	RS34	Radius Spiral Pipe Diffuser (Double Deflection)
Commercial Surface Mount	RS52	Radius Spiral Pipe Diffuser (Single Deflection)
Commercial Surface Mount	SD34	Transition Box Spiral Pipe Diffuser (Double Deflection)
Commercial Surface Mount	SD52	Transition Box Spiral Pipe Diffuser (Single Deflection)
Commercial Surface Mount	USR34	Universal Spiral Diffuser (Double Deflection)
Commercial Surface Mount	USR52	Universal Spiral Diffuser (Single Deflection)
Commercial Surface Mount	SR	Combination Supply and Return
T-Bar	700-Panel	T-Bar Panel Only
T-Bar	SMTB	Surface Mount T-Bar Frame
T-Bar	104	Stamped Curved Blade T-Bar Diffuser
T-Bar	700CB	Adjustable Curved Blade Diffuser in T-Bar Panel
T-Bar	700MCB	Adjustable Modular Core Diffuser in T-Bar Panel
T-Bar	CB-T	Adjustable Curved Blade Diffuser T-Bar
T-Bar	600T	Aluminum Lattice Return Air Grille T-Bar
T-Bar	645T	45° Aluminum Lattice Return Air Grille T-Bar
T-Bar	700-600	600 Aluminum Lattice Return Air Grille in T-Bar Panel
T-Bar	700-645	645 45° Aluminum Lattice Return Air Grille in T-Bar Panel
T-Bar	AL	Aluminum Lattice Return T-Bar
T-Bar	115T	Flush Step Down T-Bar Diffuser
T-Bar	116T	Flush Step Down T-Bar Diffuser (with center hole)
T-Bar	700DVD	Directional Volume Diffuser in T-Bar Panel
T-Bar	DVDT	Directional Volume Diffuser T-Bar
T-Bar	HVD	4 Cone High Volume T-Bar Diffuser
T-Bar	HVL	3 Cone High Volume T-Bar Diffuser
T-Bar	MAT	Modular Core Diffuser T-Bar
T-Bar	111	Perforated Fiberglass Back T-Bar Return
T-Bar	105P	Fixed Perforated T-Bar Return Grille
T-Bar	600PT	Perforated Return Air T-Bar with Frame
T-Bar	700-600P	Perforated Return Air Grille in T-Bar Panel
T-Bar	PT	Perforated T-Bar
T-Bar	110	Perforated Fiberglass Back T-Bar Diffuser
T-Bar	780	Perforated T-Bar with Adjustable Pattern Controllers
T-Bar	781	Perforated T-Bar with Adjustable Pattern Controllers and Fiberglass Back
T-Bar	104P	Perforated Stamped Curved Blade T-Bar Diffuser
T-Bar	HL	Architectural High Volume T-Bar Plaque Diffuser
T-Bar	105FG	Stamped Face T-Bar Filter Grille
T-Bar	105PFG	Perforated Face T-Bar Filter Grille
T-Bar	600PTFG	Perforated Face T-Bar Filter Grille with Frame
T-Bar	600TFG	Aluminum Lattice T-Bar Filter Grille
T-Bar	645TFG	45° Aluminum Lattice Filter Grille T-Bar

Product Line	Shoemaker Series	Description
T-Bar	700-935	Fixed 45° Blade Return Air Grille in T-Bar Panel
T-Bar	905TFG	Fixed 45° Airfoil Blade T-Bar Filter Grille
T-Bar	915T	Fixed Bar Blade T-Bar Return
T-Bar	915TFG	Fixed 45° Bar Blade T-Bar Filter Grille
T-Bar	935T	Fixed 45° Steel Blade T-Bar Return Air Grille
T-Bar	935TFG	Fixed 45° Steel Blade T-Bar Filter Grille
Linear Grilles and Diffusers	LAB	Linear Air Bar
Linear Grilles and Diffusers	LJP	Linear Jet Pair
Linear Grilles and Diffusers	LC	Linear Core
Linear Grilles and Diffusers	LCF	Linear Removable Core with Mounting Frame
Linear Grilles and Diffusers	LF	Linear Floor
Linear Grilles and Diffusers	LFG	Linear Bar Filter Grille
Linear Grilles and Diffusers	LF-RC	Linear Floor with Removable Core
Linear Grilles and Diffusers	LS	Linear Sill Series
Linear Grilles and Diffusers	LS-RC	Linear Sill with Removable Core
Linear Grilles and Diffusers	LSS	Linear Special Shapes, Mitered and Radius
Linear Grilles and Diffusers	LSW	Linear Sidewall
Linear Grilles and Diffusers	LSW-RC	Linear Sidewall with Removable Core
Linear Grilles and Diffusers	LTM	Linear Tape & Mud Frame w/Removable Core
Linear Grilles and Diffusers	LSD	Linear Slot Diffuser Supply
Linear Grilles and Diffusers	LSD-LP	Linear Slot Diffuser Supply Less Plenum
Linear Grilles and Diffusers	LSD-R	Linear Slot Diffuser Return
Linear Grilles and Diffusers	LSD-RLP	Linear Slot Diffuser Return Less Plenum
Critical Environment	700-SS	Stainless Steel T-Bar Panel
Critical Environment	BD-SS	Stainless Steel Round Butterfly Damper
Critical Environment	OBD-SS	Stainless Steel Opposed Blade Damper
Critical Environment	OR-SS	Stainless Steel Radial Damper
Critical Environment	SMTB-SS	Stainless Steel Surface Mount to T-Bar Converter
Critical Environment	5160	Flat Radial Pattern Diffuser with 90° Air Flow Pattern
Critical Environment	5165	Flat Radial Pattern Diffuser with 180° Air Flow Pattern
Critical Environment	5180	Hinged Radial Diffuser with 90° Radial Flow Pattern
Critical Environment	5185	Hinged Radial Diffuser with 180° Radial Flow Pattern
Critical Environment	5300	Laminar Flow Diffuser Panel
Critical Environment	5350	Medium Capacity Laminar Flow Diffuser Panel
Critical Environment	5375	High Capacity Laminar Flow Diffuser Panel
Critical Environment	5500	Hemispherical Diffuser
Critical Environment	5600	Sterile Room Perimeter Slot Diffuser
Critical Environment	5700	Fan Powered Laminar Flow Diffuser with HEPA Filter
Critical Environment	5160-HF	Flat Radial Pattern Diffuser with 90° Air Flow Pattern and HEPA Filter
Critical Environment	5165-HF	Flat Radial Pattern Diffuser with 180° Air Flow Pattern and HEPA Filter
Critical Environment	5180-HF	Hinged Radial Diffuser with 90° Radial Flow Pattern and HEPA Filter
Critical Environment	5185-HF	Hinged Radial Diffuser with 180° Radial Flow Pattern and HEPA Filter
Critical Environment	5300-HF	Laminar Flow Diffuser Panel with HEPA Filter
Critical Environment	5350-HF	Medium Capacity Laminar Flow Diffuser Panel with HEPA Filter
Critical Environment	5375-HF	High Capacity Laminar Flow Diffuser Panel with HEPA Filter
Critical Environment	5500-HF	Hemispherical Diffuser with HEPA Filter
Critical Environment	HF	HEPA Filter

Product Line	Shoemaker Series	Description
Critical Environment	UF	ULPA Filter
Critical Environment	600P-SS	Perforated Return Air Grille
Critical Environment	600-SS	Lattice Return Air Grille
Critical Environment	915-SS	Stainless Steel Fixed 45° Louvered Blade Grille (blades parallel to longest dimension)
Critical Environment	916-SS	Stainless Steel Fixed 45° Louvered Blade Grille (blades parallel to shortest dimension)
Critical Environment	935FG-SS	Hinged Filter Grille
Critical Environment	935-SS	Stainless Steel Blade Grille with 45° Fixed Blade (blades parallel to longest dimension)
Critical Environment	936-SS	Stainless Steel Blade Grille with 45° Fixed Blade (blades parallel to shortest dimension)
Critical Environment	937-SS	Stainless Steel Blade Grille with 0° Fixed Blade (blades parallel to longest dimension)
Critical Environment	938-SS	Stainless Steel Blade Grille with 0° Fixed Blade (blades parallel to shortest dimension)
Critical Environment	4100-SS	Louvered Door Grille with Auxiliary Frame
Critical Environment	931-SS	Stainless Steel Adjustable Blade Single Deflection Diffuser (blades parallel to longest dimension)
Critical Environment	932-SS	Stainless Steel Adjustable Blade Single Deflection Diffuser (blades parallel to shortest dimension)
Critical Environment	933-SS	Stainless Steel Adjustable Blade Double Deflection Diffuser (blades parallel to longest dimension)
Critical Environment	934-SS	Stainless Steel Adjustable Blade Double Deflection Diffuser (blades parallel to shortest dimension)
Critical Environment	DVD-SS	Surface Mount Louvered Ceiling Diffuser
Critical Environment	Linear-SS	Stainless Steel Linear Bar Grille
Critical Environment	LSD-SS	Stainless Steel Linear Slot Diffuser
Critical Environment	MA-SS	Surface Mount Fixed Pattern Ceiling Diffuser
Critical Environment	SD-SS	Stainless Steel Transition Box Style Spiral Diffuser
Critical Environment	825CB-SS	Perforated Adjustable Curved Blade T-Bar Diffuser
Critical Environment	830-SS	Perforated T-Bar Return
Critical Environment	HL-SS	Stainless Steel Architectural T-Bar Plaque Diffuser
Critical Environment	HVD-SS	Stainless Steel Adjustable 4 Cone T-Bar Diffuser
Dampers and Louvers	AD	Access Door
Dampers and Louvers	3000OBD	Opposed Blade Air Control Damper
Dampers and Louvers	3000OBDLL	Opposed Blade Low Leak Air Control Damper
Dampers and Louvers	3000P	Parallel Blade Air Control Damper
Dampers and Louvers	3000PLL	Parallel Blade Low Leak Air Control Damper
Dampers and Louvers	3000PLLRR	Round Low Leak Air Control Damper
Dampers and Louvers	3000PR	Round Air Control Damper
Dampers and Louvers	3550	Backdraft Damper Vertical Mount
Dampers and Louvers	3560	Backdraft Damper Horizontal Mount (air up)
Dampers and Louvers	3570	Backdraft Damper Horizontal Mount (air down)
Dampers and Louvers	3580	Backdraft Damper Round
Dampers and Louvers	4500-3000OBD	Combination Stationary Outside Air Louver with Opposed Blade Air Control Damper
Dampers and Louvers	4500-3000P	Combination Stationary Outside Air Louver with Parallel Blade Air Control Damper
Dampers and Louvers	4500-3510	Combination Outside Air Louver (4" Depth) with Pressure Relief Damper
Dampers and Louvers	4500-3550	Combination Outside Air Louver (4" depth) with Backdraft Damper
Dampers and Louvers	4525-3000OBD	Combination Drainable Outside Air Louver with Opposed Blade Air Control Damper
Dampers and Louvers	4525-3000P	Combination Drainable Outside Air Louver with Parallel Blade Air Control Damper
Dampers and Louvers	4525-3510	Combination Drainable Outside Air Louver with Pressure Relief Damper
Dampers and Louvers	4525-3550	Combination Drainable Outside Air Louver with Backdraft Damper

Product Line	Shoemaker Series	Description
Dampers and Louvers	4550-3000OBD	Combination Stationary Outside Air Louver with Opposed Blade Air Control Damper
Dampers and Louvers	4550-3000P	Combination Stationary Outside Air Louver with Parallel Blade Air Control Damper
Dampers and Louvers	4550-3510	Combination Outside Air Louver (2" Depth) with Pressure Relief Damper
Dampers and Louvers	4550-3550	Combination Outside Air Louver (2" depth) with Backdraft Damper
Dampers and Louvers	3100	Face and By-Pass Dampers
Dampers and Louvers	4500	Stationary Outside Air Louver (4" depth)
Dampers and Louvers	4525	Storm Resistant Stationary 4" Drainable Outside Air Louver
Dampers and Louvers	4550	Stationary Outside Air Louver (2 in. depth)
Dampers and Louvers	4600	Adjustable Outside Air Louver
Dampers and Louvers	4700	Stationary Outside Air Louver Radius and Special Shapes (4" depth)
Dampers and Louvers	4750	Stationary Outside Air Louver Radius and Special Shapes (2" depth)
Dampers and Louvers	3510	Pressure Relief Damper Vertical Mount
Dampers and Louvers	3520	Pressure Relief Damper Horizontal Mount (air up)
Dampers and Louvers	3530	Pressure Relief Damper Horizontal Mount (air down)
Fire Rated	2501	Thinline Frame 1 ½ Hour Curtain-Type Fire Damper
Fire Rated	2502	Thinline Frame 1 ½ Hour Curtain-Type Fire Damper (spring actuated)
Fire Rated	2533	Thinline Frame 1 ½ Hour Curtain-Type Fire Damper Out-of-Airstream
Fire Rated	2534	Thinline Frame 1 ½ Hour Curtain-Type Fire Damper Out-of-Airstream (spring actuated)
Fire Rated	2549	Thinline Frame Round Curtain-Type Fire Damper
Fire Rated	2550	Thinline Frame Round Curtain-Type Fire Damper (spring actuated)
Fire Rated	2561	2 in. Thinline Frame 3 Hour Curtain-Type Fire Door
Fire Rated	2563	2 in. Thinline Frame 3 Hour Curtain-Type Fire Door Out-of-Airstream
Fire Rated	2565	2 in. Thinline Frame 3 Hour Curtain-Type Round Fire Door
Fire Rated	2601	Standard Frame 1 ½ Hour Curtain-type Fire Damper
Fire Rated	2602	Standard Frame 1 ½ Hour Curtain-type Fire Damper (spring actuated)
Fire Rated	2633	Standard Frame 1 ½ Hour Curtain-type Fire Damper Out-of-Airstream
Fire Rated	2634	Standard Frame 1 ½ Hour Curtain-type Fire Damper Out-of-Airstream (spring actuated)
Fire Rated	2649	Standard Frame 1 ½ Hour Rated Round Curtain-type Fire Damper
Fire Rated	2650	Standard Frame 1 ½ Hour Rated Round Curtain-type Fire Damper (spring actuated)
Fire Rated	2652	1 ½ Hour True Round Fire Damper
Fire Rated	2663	Standard Frame 3 Hour Rated Curtain-type Fire Door Out of Airstream
Fire Rated	2665	Standard Frame 3 Hour Rated Curtain-type Round Fire Door
Fire Rated	2701	3 Hour Ceiling Radiation Butterfly Damper
Fire Rated	2702	3 Hour Ceiling Radiation Butterfly Damper (extended sleeve)
Fire Rated	2750	3 Hour Round Ceiling Radiation Butterfly Damper
Fire Rated	2751	3 Hour Round Ceiling Radiation Butterfly Damper (extended sleeve)
Security Grilles	1401	Bar Type Security Supply or Return
Security Grilles	1402	Maximum Security Supply or Return
Security Grilles	1406	Maximum Security Supply or Return with Perforated Face
Security Grilles	1409	Risk Resistant Security Supply or Return with Perforated Face
Security Grilles	1410	Risk Resistant Security Diffuser with Louvered Face and Sleeve
Security Grilles	1404	Mesh Screen Security Supply or Return
Security Grilles	1405	Security Return Grille
Security Grilles	1407	Slotted Security Return Grille
Security Grilles	1408	Ceiling Diffuser with Security Face