

May 23, 2023

Mr. Matthew Griffin  
Facilities Supervisor  
Kyrene School District No. 28  
8700 South Kyrene Road  
Tempe, AZ 85284-2197

**Subject: 6-Month Surveillance Inspection  
Asbestos-Containing Building Materials  
Kyrene de la Esperanza Elementary School  
14841 South 41<sup>st</sup> Place, Phoenix**

Dear Mr. Griffin:

FM GROUP INC has completed the 6-Month Surveillance Inspection of Asbestos-Containing Building Materials (ACBM) at the subject school. The forms detailing the results of this reinspection and reassessment of known ACBM are attached.

The attached tables and forms have been updated to reflect the findings as of the date of this Reinspection and should serve as the Management Plan update.

**Items of significance are: None.**

If you have any questions regarding this correspondence, please contact us immediately.

Sincerely,

**FM GROUP INC**



Michael Hall  
Environmental Division Manager



Zach Ridgeway  
AHERA Building Inspector

*Attachments: 6-Month Surveillance Inspection Forms  
6-Month Surveillance Inspection Tables*



## 6-MONTH SURVEILLANCE INSPECTION ASBESTOS-CONTAINING BUILDING MATERIALS

School/Facility: Kyrene de la Esperanza Elementary School

Inspection Date: 04/07/2023

Building: Main Building

Inspector: Zach Ridgeway Cert. No.: 4380-15665-030823

Signature: 

Material Description	Material Code	Material Observed		Material Condition Status		Material Condition Description (If Change Noted)	Assessment Classification
				Same	Changed		
Quarry/Paver Tile, 8"X8", Red, Smooth	M-QPT-07	Y	N	x			1 2 3 4 5 6 7*
Glazed Wall Tile, 8"X8", White, Smooth, Multi-Colored, Hand Painted Designs	M-GWT-10	Y	N	x			1 2 3 4 5 6 7*
Grout, Gray, Cementitious	M-GRT-11	Y	N	x			1 2 3 4 5 6 7*
Concrete (Equipment Pad), Gray, Cementitious	M-CON-14	Y	N	x			1 2 3 4 5 6 7*
Fire Door Insulation, Wood Cladding	M-FDI-27	Y	N	x			1 2 3 4 5 6 7*
Pipe Sealant, Yellow, Pliable	M-PSL-28	Y	N	x			1 2 3 4 5 6 7*
Fire Door Insulation, Metal Cladding	M-FDI-44	Y	N	x			1 2 3 4 5 6 7*
Glazed Wall Tile, 4"X4", Tan, Smooth	M-GWT-51	Y	N	x			1 2 3 4 5 6 7*
Glazed Wall Tile (Pattern), 4"X4", Blue, Smooth	M-GWT-52	Y	N	x			1 2 3 4 5 6 7*
Grout, Gray, Cementitious	M-GRT-53	Y	N	x			1 2 3 4 5 6 7*
Ceramic Mosaic Tile, 2"X2", Tan, Smooth, Peppered	M-CMT-54	Y	N	x			1 2 3 4 5 6 7*
Grout, Gray, Cementitious	M-GRT-55	Y	N	x			1 2 3 4 5 6 7*
Adhesive (FRP), Brown, Brittle	M-ADH-56	Y	N	x			1 2 3 4 5 6 7*
Pipe Sealant, Green, Gummy	M-PSL-57	Y	N	x			1 2 3 4 5 6 7*
Sealant (Equipment), Black, Gummy	M-SLT-58	Y	N	x			1 2 3 4 5 6 7*
Acoustical Ceiling Panel, 2'x2', Yellow, Fibrous Glass, Cloth Cover	M-APL-59	Y	N	x			1 2 3 4 5 6 7*
Spray-Applied Texture, White, Chalky	S-SAT-66	Y	N	x			1 2 3 4 5 6 7*
Gypsum Wallboard, White, Chalky	M-GWB-67	Y	N	x			1 2 3 4 5 6 7*
Joint Compound, White, Chalky	S-JTC-68	Y	N	x			1 2 3 4 5 6 7*
Quarry/Paver Tile, 8"X8", White, Smooth	M-QPT-69	Y	N	x			1 2 3 4 5 6 7*
Grout, Gray, Cementitious	M-GRT-70	Y	N	x			1 2 3 4 5 6 7*
Vinyl Sheet Flooring, Blue, Smooth, White Mottles, Gray Paper Backing	M-VSF-71	Y	N	x			1 2 3 4 5 6 7*
Mastic, Yellow, Tacky	M-MAS-72	Y	N	x			1 2 3 4 5 6 7*
Mastic, Yellow, Tacky	M-MAS-74	Y	N	x			1 2 3 4 5 6 7*
Glazed Wall Tile, 4"X4", White, Smooth	M-GWT-75	Y	N	x			1 2 3 4 5 6 7*
Grout, Gray, Cementitious	M-GRT-76	Y	N	x			1 2 3 4 5 6 7*
Sealant (Doors, Windows, Millwork, Fixtures), White, Pliable	M-SLT-77	Y	N	x			1 2 3 4 5 6 7*



## 6-MONTH SURVEILLANCE INSPECTION ASBESTOS-CONTAINING BUILDING MATERIALS

Material Description	Material Code	Material Observed		Material Condition Status		Material Condition Description (If Change Noted)	Assessment Classification
				Same	Changed		
Grout (Glass Block), Gray, Cementitious	M-GRT-78	Y	N	x			1 2 3 4 5 6 7*
Fire Door Insulation, Metal/Wood Cladding	M-FDI-122	Y	N	x			1 2 3 4 5 6 7*
Fire Door Insulation, Metal/Wood Cladding	M-FDI-130	Y	N	x			1 2 3 4 5 6 7*
Fire Door Insulation, Metal/Wood Cladding	M-FDI-230	Y	N	x			1 2 3 4 5 6 7*

### \*Assessment Classifications

1. Damaged or significantly damaged thermal system insulation ACBM.
2. Damaged friable surfacing ACBM.
3. Significantly damaged friable surfacing ACBM.
4. Damaged or significantly damaged friable miscellaneous ACBM.
5. ACBM with potential for damage.
6. ACBM with potential for significant damage.
7. Any remaining friable ACBM or friable suspected ACBM.

## 6-MONTH SURVEILLANCE INSPECTION TABLE

### IN-PLACE ASBESTOS-CONTAINING MATERIALS

MATERIAL SAMPLE CODE	MTL TYPE	MATERIAL DESCRIPTION	MATERIAL LOCATION	ANALYTICAL RESULTS	FRIABILITY	MATERIAL ASSESS. CLASS	MTL QUAN	UNITS
	M/S/T			%/ASSUMED	NF/F	G/D/SD		LF/SF/EA
M-QPT-07	M	Quarry/Paver Tile, 8"X8", Red, Smooth	Room 35	Assumed	NF	G	13	SF
			Corridor C-04					
			Exterior					
M-GWT-10	M	Glazed Wall Tile, 8"X8", White, Smooth, Multi-Colored, Hand Painted Designs	Exterior	Assumed	NF	G	120	SF
M-GRT-11	M	Grout, Gray, Cementitious	Exterior	Assumed	NF	G	12	SF
M-CON-14	M	Concrete (Equipment Pad), Gray, Cementitious	Chiller Yard	Assumed	NF	G	1,000	SF
M-FDI-27	M	Fire Door Insulation, Wood Cladding	Reception	Assumed	NF	G	1,806	SF
			Fire Riser					
			Staff Lounge					
			Janitor Office					
			Principal					
			Assistant Principal					
			Storage 1					
			Electrical 1					
			Men's Restroom					
			Women's Restroom					
			Room 12					
			Room 13					
			Room 14					
			Room 15					
			Room 16					
			Room 17					

MATERIAL SAMPLE CODE	MTL TYPE	MATERIAL DESCRIPTION	MATERIAL LOCATION	ANALYTICAL RESULTS	FRIABILITY	MATERIAL ASSESS. CLASS	MTL QUAN	UNITS
	M/S/T			%/ASSUMED	NF/F	G/D/SD		LF/SF/EA
			Room 18					
			Room 19					
			Room 20					
			Girl's Restroom 1					
			Boy's Restroom 1					
			Room 21					
			Room 22					
			Room 24					
			Room 25					
			Room 26					
			Room 28					
			Room 29					
			Room 30					
			Room 31					
			Room 34A					
			Room 35					
			Room 35A					
			Room 35b					
			West Wing					
			Stage					
			East Wing					
			Room 36					
			Room 37					
			Room 38					
			Room 38A					
			Room 66					
			Room 66A					
			Room 67					
			Room 39					
			Room 40					
			Room 41					
			Girl's Restroom 2					
			Boy's Restroom 2					

MATERIAL SAMPLE CODE	MTL TYPE	MATERIAL DESCRIPTION	MATERIAL LOCATION	ANALYTICAL RESULTS	FRIABILITY	MATERIAL ASSESS. CLASS	MTL QUAN	UNITS
	M/S/T			%/ASSUMED	NF/F	G/D/SD		LF/SF/EA
			Janitor 2					
			Room 42					
			Room 43					
			Room 45					
			Room 46					
			Room 48					
			Room 49					
			Room 50					
			Room 51					
			Foyer 1					
			Room 54					
			Room 55					
			Room 55A					
			Room 56					
			Room 57					
			Room 57a					
			Room 58					
			Room 59					
			Room 60					
			Room 61					
			Room 61A					
			Foyer 2					
			Room 62					
			Room 62A					
			Room 63					
			Room 63A					
			Corridor C-01					
			Corridor C-02					
			Corridor C-03					
			Corridor C-05					
			Corridor C-06					
			Corridor C-07					
			Corridor C-09					

MATERIAL SAMPLE CODE	MTL TYPE	MATERIAL DESCRIPTION	MATERIAL LOCATION	ANALYTICAL RESULTS	FRIABILITY	MATERIAL ASSESS. CLASS	MTL QUAN	UNITS
	M/S/T			%/ASSUMED	NF/F	G/D/SD		LF/SF/EA
			Corridor C-10					
			Corridor C-11					
			Corridor C-12					
			Corridor C-13					
M-PSL-28	M	Pipe Sealant, Yellow, Pliable	Reception	Assumed	NF	G	75	SF
			Treatment					
			Nurse 1					
			Nurse Restroom					
			Fire Riser					
			Nurse 2					
			Workroom					
			Office 1					
			Phone					
			Staff Lounge					
			Janitor Office					
			Electrical 2					
			Principal					
			Principal Closet					
			Assistant Principal					
			Storage 1					
			Electrical 1					
			Men's Restroom					
			Women's Restroom					
			Room 12					
			Room 12A					
			12 Restroom					
			Room 13					
			Room 13A					
			13 Restroom					
			Room 14					
			14 Restroom					
			Room 15					

MATERIAL SAMPLE CODE	MTL TYPE	MATERIAL DESCRIPTION	MATERIAL LOCATION	ANALYTICAL RESULTS	FRIABILITY	MATERIAL ASSESS. CLASS	MTL QUAN	UNITS
	M/S/T			%/ASSUMED	NF/F	G/D/SD		LF/SF/EA
			Room 16					
			Room 17					
			Room 18					
			Room 19					
			Room 20					
			Pod 1					
			Janitor 1					
			Girl's Restroom 1					
			Boy's Restroom 1					
			Chiller Yard					
			Room 21					
			Room 22					
			Room 23					
			Room 24					
			Room 25					
			Room 26					
			Room 27					
			Pod 2					
			Room 28					
			Room 29					
			Room 30					
			Room 31					
			Room 32					
			Room 33					
			Pod 3					
			Room 34					
			Room 34A					
			Janitor 3					
			Boy's Restroom 3					
			Girl's Restroom 3					
			Room 35					
			Room 35A					
			Room 35B					



MATERIAL SAMPLE CODE	MTL TYPE	MATERIAL DESCRIPTION	MATERIAL LOCATION	ANALYTICAL RESULTS	FRIABILITY	MATERIAL ASSESS. CLASS	MTL QUAN	UNITS
	M/S/T			%/ASSUMED	NF/F	G/D/SD		LF/SF/EA
			West Wing					
			Stage					
			East Wing					
			Room 36					
			Room 37					
			Room 37A					
			Room 38					
			Room 38A					
			Room 66					
			Room 66A					
			Room 67					
			Room 39					
			Room 40					
			Room 41					
			Room 41a					
			Girl's Restroom 2					
			Boy's Restroom 2					
			Janitor 2					
			Room 42					
			Room 43					
			Room 44					
			Room 45					
			Room 46					
			Room 47					
			Pod 4					
			Room 48					
			Room 49					
			Room 50					
			Room 51					
			Room 52					
			Room 53					
			Pod 5					
			Foyer 1					

MATERIAL SAMPLE CODE	MTL TYPE	MATERIAL DESCRIPTION	MATERIAL LOCATION	ANALYTICAL RESULTS	FRIABILITY	MATERIAL ASSESS. CLASS	MTL QUAN	UNITS
	M/S/T			%/ASSUMED	NF/F	G/D/SD		LF/SF/EA
			Room 54					
			Room 55					
			Room 55A					
			Room 56					
			Room 56A					
			Room 57					
			Room 57A					
			Room 58					
			Room 59					
			Room 59A					
			Room 59B					
			Room 60					
			Room 61					
			Room 61A					
			Foyer 2					
			Room 62					
			Room 62A					
			Room 63					
			Room 63A					
			Corridor C-01					
			Corridor C-02					
			Corridor C-03					
			Corridor C-04					
			Corridor C-05					
			Corridor C-06					
			Corridor C-07					
			Corridor C-08					
			Corridor C-09					
			Corridor C-10					
			Corridor C-11					
			Corridor C-12					
			Corridor C-13					

MATERIAL SAMPLE CODE	MTL TYPE	MATERIAL DESCRIPTION	MATERIAL LOCATION	ANALYTICAL RESULTS	FRIABILITY	MATERIAL ASSESS. CLASS	MTL QUAN	UNITS
	M/S/T			%/ASSUMED	NF/F	G/D/SD		LF/SF/EA
M-FDI-44	M	Fire Door Insulation, Metal Cladding	Reception	Assumed	NF	G	903	SF
			Treatment					
			Work Room					
			Janitor Office					
			Electrical 2					
			Room 12					
			Room 12A					
			Room 13					
			Room 13A					
			Room 14					
			Room 23					
			Room 27					
			Room 32					
			Room 33					
			Room 34					
			Boy's Restroom 3					
			Girl's Restroom 3					
			Room 35					
			Room 37					
			Room 37A					
			Kitchen Yard					
			Room 40					
			Art Patio					
			Room 44					
			Room 47					
			Room 52					
			Room 53					
			Corridor C-03					
			Corridor C-04					
			Corridor C-06					
			Corridor C-08					
			Corridor C-10					

MATERIAL SAMPLE CODE	MTL TYPE	MATERIAL DESCRIPTION	MATERIAL LOCATION	ANALYTICAL RESULTS	FRIABILITY	MATERIAL ASSESS. CLASS	MTL QUAN	UNITS
	M/S/T			%/ASSUMED	NF/F	G/D/SD		LF/SF/EA
			Corridor C-11					
			Corridor C-12					
			Corridor C-13					
			Exterior					
M-GWT-51	M	Glazed Wall Tile, 4"X4", Tan, Smooth	Girl's Restroom 1	Assumed	NF	G	5,000	SF
			Boy's Restroom 1					
			Boy's Restroom 3					
			Girl's Restroom 3					
			Room 66					
			Room 67					
			Girl's Restroom 2					
			Boy's Restroom 2					
			Room 62					
			Room 63					
M-GWT-52	M	Glazed Wall Tile (Pattern), 4"X4", Blue, Smooth	Girl's Restroom 1	Assumed	NF	G	1,000	SF
			Boy's Restroom 1					
			Boy's Restroom 3					
			Girl's Restroom 3					
			Room 66					
			Room 67					
			Girl's Restroom 2					
			Boy's Restroom 2					
			Room 62					
			Room 63					
M-GRT-53	M	Grout, Gray, Cementitious	Girl's Restroom 1	Assumed	NF	G	600	SF
			Boy's Restroom 1					
			Boy's Restroom 3					
			Girl's Restroom 3					
			Room 66					

MATERIAL SAMPLE CODE	MTL TYPE	MATERIAL DESCRIPTION	MATERIAL LOCATION	ANALYTICAL RESULTS	FRIABILITY	MATERIAL ASSESS. CLASS	MTL QUAN	UNITS
	M/S/T			%/ASSUMED	NF/F	G/D/SD		LF/SF/EA
			Room 67					
			Girl's Restroom 2					
			Boy's Restroom 2					
			Room 62					
			Room 63					
M-CMT-54	M	Ceramic Mosaic Tile, 2"X2", Tan, Smooth, Peppered	Girl's Restroom 1	Assumed	NF	G	3,200	SF
			Boy's Restroom 1					
			Boy's Restroom 3					
			Girl's Restroom 3					
			Room 66					
			Room 67					
			Girl's Restroom 2					
			Boy's Restroom 2					
			Room 62					
			Room 63					
M-GRT-55	M	Grout, Gray, Cementitious	Girl's Restroom 1	Assumed	NF	G	320	SF
			Boy's Restroom 1					
			Boy's Restroom 3					
			Girl's Restroom 3					
			Room 66					
			Room 67					
			Girl's Restroom 2					
			Boy's Restroom 2					
			Room 62					
			Room 63					
M-ADH-56	M	Adhesive (FRP), Brown, Brittle	Room 37	Assumed	NF	G	100	SF
			Janitor 2					
			Room 62A					

MATERIAL SAMPLE CODE	MTL TYPE	MATERIAL DESCRIPTION	MATERIAL LOCATION	ANALYTICAL RESULTS	FRIABILITY	MATERIAL ASSESS. CLASS	MTL QUAN	UNITS
	M/S/T			%/ASSUMED	NF/F	G/D/SD		LF/SF/EA
M·PSL·57	M	Pipe Sealant, Green, Gummy	Chiller Yard	Assumed	NF	G	2	SF
M·SLT·58	M	Sealant (Equipment), Black, Gummy	Chiller Yard	Assumed	NF	G	2	SF
M·APL·59	M	Acoustical Ceiling Panel, 2'x2', Yellow, Fibrous Glass, Cloth Cover	Room 54	Assumed	NF	G	1,750	SF
			Room 57					
S·SAT·66	S	Spray-Applied Texture, White, Chalky	Entry	Assumed	NF	G	3,000	SF
			Kitchen					
			Bedroom 1					
			Restroom 1					
			Living Room					
			Restroom 2					
			Bedroom 2					
M·GWB·67	M	Gypsum Wallboard, White, Chalky	Entry	Assumed	NF	G	3,000	SF
			Kitchen					
			Bedroom 1					
			Restroom 1					
			Living Room					
			Restroom 2					
			Bedroom 2					
S·JTC·68	S	Joint Compound, White, Chalky	Entry	Assumed	NF	G	300	SF
			Kitchen					
			Bedroom 1					
			Restroom 1					
			Living Room					
			Restroom 2					
			Bedroom 2					

MATERIAL SAMPLE CODE	MTL TYPE	MATERIAL DESCRIPTION	MATERIAL LOCATION	ANALYTICAL RESULTS	FRIABILITY	MATERIAL ASSESS. CLASS	MTL QUAN	UNITS
	M/S/T			%/ASSUMED	NF/F	G/D/SD		LF/SF/EA
M-QPT-69	M	Quarry/Paver Tile, 8"X8", White, Smooth	Entry	Assumed	NF	G	30	SF
M-GRT-70	M	Grout, Gray, Cementitious	Entry	Assumed	NF	G	3	SF
M-VSF-71	M	Vinyl Sheet Flooring, Blue, Smooth, White Mottles, Gray Paper Backing	Kitchen	Assumed	NF	G	1,200	SF
			Restroom 1					
			Restroom 2					
M-MAS-72	M	Mastic, Yellow, Tacky	Kitchen	Assumed	NF	G	1,200	SF
			Restroom 1					
			Restroom 2					
M-MAS-74	M	Mastic, Yellow, Tacky	Bedroom 1	Assumed	NF	G	1,200	SF
			Living Room					
			Bedroom 2					
M-GWT-75	M	Glazed Wall Tile, 4"X4", White, Smooth	Restroom 1	Assumed	NF	G	60	SF
			Restroom 2					
M-GRT-76	M	Grout, Gray, Cementitious	Restroom 1	Assumed	NF	G	60	SF
			Restroom 2					
M-SLT-77	M	Sealant (Doors, Windows, Millwork, Fixtures), White, Pliable	Entry	Assumed	NF	G	11	SF
			Kitchen					
			Bedroom 1					
			Restroom 1					
			Restroom 2					
			Bedroom 2					
M-GRT-78	M	Grout (Glass Block), Gray, Cementitious	Entry	Assumed	NF	G	2	SF

MATERIAL SAMPLE CODE	MTL TYPE	MATERIAL DESCRIPTION	MATERIAL LOCATION	ANALYTICAL RESULTS	FRIABILITY	MATERIAL ASSESS. CLASS	MTL QUAN	UNITS
	M/S/T			%/ASSUMED	NF/F	G/D/SD		LF/SF/EA
M-FDI-122		Fire Door Insulation, Metal/Wood Cladding	NW Corridor (Rooms), SW Corridor (Rooms), Exterior	Assumed	NF	G	168	SF
M-FDI-130	M	Fire Door Insulation, Metal/Wood Cladding	Classroom A101	Assumed	NF	G	126	SF
			Classroom A102					
			A1 Corridor C14					
			Exterior					
M-FDI-230	M	Fire Door Insulation, Metal/Wood Cladding	Storage A202	Assumed	NF	G	105	SF
			Classroom A203					
			Classroom A204					
			A2 Corridor C15					



# THE ASBESTOS INSTITUTE

*Certifies that*

**Zachary Ridgeway**

has attended and received instruction in the EPA approved course

**AHERA Building Inspector Initial**

on

**March 6-8 2023**

and successfully completed and passed the competency exam.

Certificate:  
4380-15665-030823

Date of Examination:  
08-Mar-2023

Date of Expiration:  
08-Mar-2024

  
William T. Caviness  
Director

Approved Instructor

THE ASBESTOS INSTITUTE

20033 N. 19<sup>th</sup> Ave, Building 6, Phoenix, AZ 85027  
602-864-6564 – [www.theasbestosinstitute.com](http://www.theasbestosinstitute.com)

This training meets all requirements for asbestos certification under Basic Substance Control Act Title II.