August 17, 2016

Italy ISD Administration
Attn: Mr. Henry Lind
300 South College Street
Italy, Texas 76651
Via Email: hlind@italyisd.org

Re: Asbestos Air Monitoring and Project Management Services
Stafford Elementary – East Wing
300 Harris Street
Italy, Texas
Rone Project Number: 16-21277

Dear Mr. Lind:

Rone Engineering Services, Ltd (Rone) is pleased to submit this report documenting the asbestos air monitoring and project management services that were conducted at the Stafford Elementary from August 2 to 9, 2016. The on-site air monitoring was performed by Texas Department of State Health Services (TDSHS) licensed Air Monitoring Technician (AMT) / Project Manager Mr. Danny Craig (TDSHS License No. AMT #700365 / PM #500195). The project consisted of the removal of approximately 9,800 square feet of floor tile and associated black mastic. The asbestos abatement contractor performing the abatement was Excellence Ecological Services (EES) with TDSHS License No. 801029.

Air samples were collected throughout the abatement process to minimize the airborne asbestos fiber concentration and try to keep it below the Environmental Protection Agency (EPA) clean air standard of 0.01 fibers/cubic centimeter. The clearance sample analyses indicated that the areas tested were below the clean air standard of 0.01 fibers/cubic centimeter, therefore the areas passed. The attached report and subsequent documentation from EES indicates that the project has been completed. Should Italy ISD have any questions regarding this matter, please contact Rone at 214-630-9745.

Respectfully submitted,
RONE ENGINEERING SERVICES, LTD

Sonja Williams, PE, PG
Department Manager

Rone TDSHS Asbestos Consulting Agency License No. 100350

PASS Associates, Inc.

Report of Asbestos Project Management & Air Monitoring

Stafford Elementary School
Italy ISD
300 Harris Street
Italy, Texas

PASS Project #: 16-092

Prepared for:

Italy ISD
300 College Street
Italy, Texas 76551

August 9th, 2016

Prepared by

PASS Associates, Inc.
11133 Shady Trail
Dallas, Texas 75229
214-461-8743

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Project Summary

PASS Associates, Inc.
11133 Shady Trail
Dallas, TX 75229
214-461-8743

PROJECT SUMMARY

On August 2nd thru 9th, 2016, PASS Associates, Inc. was at Stafford Elementary School located at 300 Harris Street in Italy, Texas, in order to provide asbestos project management and air monitoring at the request of the Italy ISD. The on-site air monitoring was performed by state licensed AMT/PM Mr. Danny Craig (TDSHS License No. AMT #700365/PM #500195). The project consisted of the removal of approximately 9,800 square feet of floor tile and associated black mastic. The asbestos abatement contractor performing the abatement was Excellence Ecological Services (EES). EES is a licensed asbestos abatement contractor in the State of Texas.

The removal project was conducted in accordance with the PASS Associates, Inc., project specifications. The work areas were contained utilizing negative pressure full containments once work was started, access was regulated to licensed personnel. The ACM was removed utilizing wet methods incorporating air less water sprayers, and negative air machines and vacuums equipped with high-efficiency particulate air (HEPA) filters. Worker protection during the abatement project consisted of half-face respirators, disposable suits, gloves, and rubber boots.

During the work area preparation and abatement, an air monitoring technician or consultant was on-site to insure the air quality was acceptable and that the project specifications were properly followed. When EES finished the abatement of a work area, a visual inspection was performed to insure that the ACM had been completely removed. Air samples were collected throughout the abatement process to minimize the airborne asbestos fiber concentration and try to keep it below the Environmental Protection Agency (EPA) clean air standard of 0.01 fibers/cubic centimeter. The clearance sample analyses indicates that the areas tested were below the clean air standard of 0.01 fibers/cubic centimeter, therefore the areas passed.

This report and subsequent documentation from EES indicates that the project has been completed. If you have any questions about the content of this report please do not hesitate to contact me.

Janice Stalder

TDSHS License No. 10-5696

Clean Air Certification

PASS Associates, Inc.
11133 Shady Trail
Dallas, TX 75229
214-461-8743

PASS Associates, Inc.

CLEAN AIR CERTIFICATION

To:	Italy ISD 300 College Street Italy, Texas 76651
Project:	Removal of floor tile/mastic
Location:	Stafford Elementary – East Wing 300 Harris Street Italy, Texas

Asbestos abatement work for the above referenced project has been completed in accordance with applicable requirements of the United States Environmental Protection Agency, the Occupation Safety and Health Administration, the National Institute for Occupational Safety and Health, state, and local agencies. The work has also been performed in substantial agreement with the Abatement Work Plan provided by EES. The project specifications prepared by PASS Associates, Inc. The asbestos abatement contractor performing the abatement was EES. EES is a licensed asbestos abatement contractor in the State of Texas.

Final air clearance samples in the above project school buildings were collected for analysis by Transmission Electron Microscopy (TEM). The results from the total fiber count indicated levels below AHERA Air level of 70 structures mm2.

Therefore, all restrictions relating to access or activities applying to the designated containment areas no longer applies.

Signed: 

Janice Stalder (TDSHS IAC # 10-5696)

Date: August 9tht, 2016

Air Monitoring Reports

PASS Associates, Inc.
11133 Shady Trail
Dallas, TX 75229
214-461-8743

AIR MONITORING RESULTS

Air monitoring samples were collected during the asbestos abatement project. All of the air samples were collected on 25mm cellulose ester filters and analyzed according to the NIOSH 7400 method of fiber identification using Phase Contrast (PCM) microscopy by an analyst rated proficient in the Proficiency Analytical Testing (PAT) program. The PAT program is a quality assurance program managed by the American Industrial Hygiene Association (AIHA). Air monitoring was collected utilizing air sampling pumps calibrated both before and after sample collection. PASS Associates, Inc. is licensed as a PCM laboratory by the Texas Department of State Health and Human Services (License No. 30-0202).

PASS Associates, Inc. collected area air samples during the abatement to insure an adherence to EPA regulations, that work practices did not create excessive fiber-in-air levels, and that adjacent areas were not contaminated. The air monitoring report for the removal of the ACM materials follows:

PASS Associates Inc.

Air Sample Results
For Area

Date:	2-Aug-16											
Sample Number	Location	Start Time	Flow Rate	Stop Time	Flow rate	Total Time	Average Flow Rate	Total Volume	Fibers counted	Fields Counted	Fibers/ mm	Fibers/cc
B-01	Blank	XXXX	XXXX	XXXX	XXXX	XXXX	XXXXX	XXXXX	0	100	XXXXXXXXX	XXXXXXXXX
B-02	Blank	XXXX	XXXX	XXXX	XXXX	XXXX	XXXXX	XXXXX	1	100	XXXXXXXXX	XXXXXXXXX
A-01	Baseline - Corridor	11:00	9.5	13:15	9.5	135	9.5	1282.5	8	100	9.554	<0.004
A-02	Baseline - Corridor	11:00	9.5	13:15	9.5	135	9.5	1282.5	5	100	5.732	<0.004
A-03	Baseline - Classroom	11:00	9.5	13:15	9.5	135	9.5	1282.5	7	100	8.280	<0.004

PASS Associates utilizes 25 millimeter casettes

On-site Air Technician Signature: _____

PASS Associates Inc.

Air Sample Results
For Area

Date:	3-Aug-16											
Sample Number	Location	Start Time	Flow Rate	Stop Time	Flow rate	Total Time	Average Flow Rate	Total Volume	Fibers counted	Fields Counted	Fibers/ mm	Fibers/cc
B-03	Blank	XXXX	XXXX	XXXX	XXXX	XXXX	XXXXX	XXXXX	0	100	XXXXXXXXX	XXXXXXXXX
B-04	Blank	XXXX	XXXX	XXXX	XXXX	XXXX	XXXXX	XXXXX	2	100	XXXXXXXXX	XXXXXXXXX
A-04	ICA - Coridor	9:20	2	15:40	2	380	2	760	15	100	17.834	0.009
A-05	OCA - Clean Room (Decon)	9:50	5	15:30	5	340	5	1700	7	100	7.643	<0.003
A-06	OCA - Corridor Critical Barrier	9:50	5	15:30	5	340	5	1700	11	100	12.739	0.003
A-07	AFD Exhaust	9:21	2	15:40	2	379	2	758	3	100	2.548	<0.006

PASS Associates utilizes 25 millimeter casettes

On-site Air Technician Signature: _____

PASS Associates Inc.

Air Sample Results
For Area

Date:	4-Aug-16											
Sample Number	Location	Start Time	Flow Rate	Stop Time	Flow rate	Total Time	Average Flow Rate	Total Volume	Fibers counted	Fields Counted	Fibers/ mm	Fibers/cc
B-05	Blank	XXXX	XXXX	XXXX	XXXX	XXXX	XXXXX	XXXXX	1	100	XXXXXXXXX	XXXXXXXXX
B-06	Blank	XXXX	XXXX	XXXX	XXXX	XXXX	XXXXX	XXXXX	1	100	XXXXXXXXX	XXXXXXXXX
A-08	ICA - Coridor	7:30	5	15:30	5	480	5	2400	26	100	31.847	0.005
A-09	OCA - Clean Room (Decon)	7:30	5	15:30	5	480	5	2400	12	100	14.013	0.002
A-10	OCA - Corridor Critical Barrier	7:33	5	15:31	5	478	5	2390	10	100	11.465	0.002
A-11	AFD Exhaust	7:20	2	15:45	2	505	2	1010	8	100	8.917	<0.005

PASS Associates utilizes 25 millimeter casettes

On-site Air Technician Signature: _____

PASS Associates Inc.

Air Sample Results
For Area

Date:	5-Aug-16											
Sample Number	Location	Start Time	Flow Rate	Stop Time	Flow rate	Total Time	Average Flow Rate	Total Volume	Fibers counted	Fields Counted	Fibers/ mm	Fibers/cc
B-07	Blank	XXXX	XXXX	XXXX	XXXX	XXXX	XXXXX	XXXXX	1	100	XXXXXXXXX	XXXXXXXXX
B-08	Blank	XXXX	XXXX	XXXX	XXXX	XXXX	XXXXX	XXXXX	0	100	XXXXXXXXX	XXXXXXXXX
A-12	ICA - Coridor	7:30	5	15:30	5	480	5	2400	18	100	22.293	0.004
A-13	OCA - Clean Room (Decon)	7:30	5	15:30	5	480	5	2400	10	100	12.102	0.002
A-14	OCA - Corridor Critical Barrier	7:35	5	15:32	5	477	5	2385	8	100	9.554	<0.002
A-15	AFD Exhaust	7:40	2	15:45	2	485	2	970	4.5	100	5.096	<0.005

PASS Associates utilizes 25 millimeter casettes

On-site Air Technician Signature: _____

PASS Associates Inc.

Air Sample Results
For Area

Date:	6-Aug-16											
Sample Number	Location	Start Time	Flow Rate	Stop Time	Flow rate	Total Time	Average Flow Rate	Total Volume	Fibers counted	Fields Counted	Fibers/ mm	Fibers/cc
B-09	Blank	XXXX	XXXX	XXXX	XXXX	XXXX	XXXXX	XXXXX	0	100	XXXXXXXXX	XXXXXXXXX
B-10	Blank	XXXX	XXXX	XXXX	XXXX	XXXX	XXXXX	XXXXX	0	100	XXXXXXXXX	XXXXXXXXX
A-16	ICA - Coridor	7:30	5	12:15	5	285	5	1425	8	100	10.191	<0.003
A-17	OCA - Clean Room (Decon)	7:30	5	12:18	5	288	5	1440	6	100	7.643	<0.003
A-18	OCA - Corridor Critical Barrier	7:32	5	12:18	5	286	5	1430	5	100	6.369	<0.003
A-19	AFD Exhaust	7:40	2	12:00	2	260	2	520	3.5	100	4.459	<0.009

PASS Associates utilizes 25 millimeter casettes

On-site Air Technician Signature: _____

PASS Associates Inc.

Air Sample Results
For Area

Date:	8-Aug-16											
Sample Number	Location	Start Time	Flow Rate	Stop Time	Flow rate	Total Time	Average Flow Rate	Total Volume	Fibers counted	Fields Counted	Fibers/ mm	Fibers/cc
T-01	TEM Final Clearance	7:30	9.5	9:45	9.5	135	9.5	1282.5	0	100	0.000	<0.004
T-02	TEM Final Clearance	7:30	9.5	9:45	9.5	135	9.5	1282.5	0	100	0.000	<0.004
T-03	TEM Final Clearance	7:30	9.5	9:45	9.5	135	9.5	1282.5	0	100	0.000	<0.004
T-04	TEM Final Clearance	7:30	9.5	9:45	9.5	135	9.5	1282.5	0	100	0.000	<0.004
T-05	TEM Final Clearance	7:30	9.5	9:45	9.5	135	9.5	1282.5	0	100	0.000	<0.004

PASS Associates utilizes 25 millimeter casettes

On-site Air Technician Signature: _____

TEM Summary Report

Moody Labs
2051 Valley View Lane
Farmers Branch, TX 75234 Phone: (972) 241-8460

NVLAP Lab Code 102056-0
TDSHS License No. 30-0084

Client : PASS Associates, Inc.
Project : Stafford Elementary, Italy ISD
Project # : Not Provided
Identification : Asbestos, Air Filter Analysis
Test Method : Transmission Electron Microscopy/X-Ray Analysis (TEM/EDX) EPA 40 CFR 763

Lab Job No. : 16T-10214
Report Date : 08/08/2016
Sample Date : 08/08/2016

On 8/8/2016, five (5) air cassette samples were submitted by Danny Craig of PASS Associates, Inc. for asbestos analysis by TEM/EDX. The TEM Analysis Sheets are attached; additional information may be found therein. The results are summarized below:

Sample Number	Client Sample Description / Location	Sample Volume (liters)	Area Analyzed (mm^2)	Total Asbestos Structures	Analytical Sensitivity (s/cc)	Asbestos Concentration (s/cc)	Asbestos Concentration (s/mm^2)
T-01	TEM Final Clearance, East Wing	1282.5	0.055	0	0.005	<0.005	<18.2
T-02	TEM Final Clearance, East Wing	1282.5	0.055	0	0.005	<0.005	<18.2
T-03	TEM Final Clearance, East Wing	1282.5	0.055	0	0.005	<0.005	<18.2
T-04	TEM Final Clearance, East Wing	1282.5	0.055	0	0.005	<0.005	<18.2
T-05	TEM Final Clearance, East Wing	1282.5	0.055	0	0.005	<0.005	<18.2

NVLAP LAB #102056-0

Analyst(s): Mushtaq Khan

Lab Manager : Heather Lopez

Approved Signatory : Heather Lopez

Lab Director : Bruce Crabb

Approved Signatory : Bruce Crabb

Thank you for choosing Moody Labs

TEM Analysis Sheet

Moody Labs
2051 Valley View Lane
Farmers Branch, TX 75234 Phone: (972) 241-8460

NVLAP Lab Code 102056-0
TDSHS License No. 30-0084

Client : PASS Associates, Inc.
Project : Stafford Elementary, Italy ISD
Lab Job No. : 16T-10214 Client Sample #: T-01
Sample Desc: TEM Final Clearance, East Wing

Filter: 0.45 µm/MCE/385 mm²
Sample Volume: 1282.5 liters
No. of Squares: 5
Square Field Area: 0.011 mm²
Total Area Analyzed: 0.055 mm²

Total Asbestos Structures: 0
Total Asbestos Structures: 0 (>5)
Analytical Sensitivity: 0.005 s/cc
Asbestos Concentration: <0.005 s/cc
Asbestos Concentration: <18.2 s/mm²

Sqr#	Grid#	Sqr ID	Struct #	Structure Type	Structure	L (µm)	W (µm)	SAED	Photo ID	EDX	Spectra ID
1	1	J1		No Structures Detected							
2	1	J3		No Structures Detected							
3	1	J9		No Structures Detected							
4	2	R7		No Structures Detected							
5	2	R9		No Structures Detected							

Microscope: JEOL 1200EXII KV: 100kV Mag: 20000
Comments:

Analyst: Mushtaq Khan
Date Analyzed: 8/8/2016

TEM Analysis Sheet

Moody Labs
2051 Valley View Lane
Farmers Branch, TX 75234 Phone: (972) 241-8460

NVLAP Lab Code 102056-0
TDSHS License No. 30-0084

Client : PASS Associates, Inc.
Project : Stafford Elementary, Italy ISD
Lab Job No. : 16T-10214 Client Sample #: T-02
Sample Desc: TEM Final Clearance, East Wing

Filter: 0.45 µm/MCE/385 mm²
Sample Volume: 1282.5 liters
No. of Squares: 5
Square Field Area: 0.011 mm²
Total Area Analyzed: 0.055 mm²

Total Asbestos Structures: 0
Total Asbestos Structures: 0 (>5)
Analytical Sensitivity: 0.005 s/cc
Asbestos Concentration: <0.005 s/cc
Asbestos Concentration: <18.2 s/mm²

Sqr#	Grid#	Sqr ID	Struct #	Structure Type	Structure	L (µm)	W (µm)	SAED	Photo ID	EDX	Spectra ID
1	1	K1		No Structures Detected							
2	1	K3		No Structures Detected							
3	1	K9		No Structures Detected							
4	2	I1		No Structures Detected							
5	2	I3		No Structures Detected							

Microscope: JEOL 1200EXII KV: 100kV Mag: 20000
Comments:

Analyst: Mushtaq Khan
Date Analyzed: 8/8/2016

TEM Analysis Sheet

Moody Labs
2051 Valley View Lane
Farmers Branch, TX 75234 Phone: (972) 241-8460

NVLAP Lab Code 102056-0
TDSHS License No. 30-0084

Client : PASS Associates, Inc.
Project : Stafford Elementary, Italy ISD
Lab Job No. : 16T-10214 Client Sample #: T-03
Sample Desc: TEM Final Clearance, East Wing

Filter: 0.45 µm/MCE/385 mm²
Sample Volume: 1282.5 liters
No. of Squares: 5
Square Field Area: 0.011 mm²
Total Area Analyzed: 0.055 mm²

Total Asbestos Structures: 0
Total Asbestos Structures: 0 (>5)
Analytical Sensitivity: 0.005 s/cc
Asbestos Concentration: <0.005 s/cc
Asbestos Concentration: <18.2 s/mm²

Sqr#	Grid#	Sqr ID	Struct #	Structure Type	Structure	L (µm)	W (µm)	SAED	Photo ID	EDX	Spectra ID
1	1	J1		No Structures Detected							
2	1	J3		No Structures Detected							
3	1	J9		No Structures Detected							
4	2	R1		No Structures Detected							
5	2	R3		No Structures Detected							

Microscope: JEOL 1200EXII KV: 100kV Mag: 20000
Comments:

Analyst: Mushtaq Khan
Date Analyzed: 8/8/2016

TEM Analysis Sheet

Moody Labs
2051 Valley View Lane
Farmers Branch, TX 75234 Phone: (972) 241-8460

NVLAP Lab Code 102056-0
TDSHS License No. 30-0084

Client : PASS Associates, Inc.
Project : Stafford Elementary, Italy ISD
Lab Job No. : 16T-10214 Client Sample #: T-04
Sample Desc: TEM Final Clearance, East Wing

Filter: 0.45 µm/MCE/385 mm²
Sample Volume: 1282.5 liters
No. of Squares: 5
Square Field Area: 0.011 mm²
Total Area Analyzed: 0.055 mm²

Total Asbestos Structures: 0
Total Asbestos Structures: 0 (>5)
Analytical Sensitivity: 0.005 s/cc
Asbestos Concentration: <0.005 s/cc
Asbestos Concentration: <18.2 s/mm²

Sqr#	Grid#	Sqr ID	Struct #	Structure Type	Structure	L (µm)	W (µm)	SAED	Photo ID	EDX	Spectra ID
1	1	J1		No Structures Detected							
2	1	J3		No Structures Detected							
3	1	J9		No Structures Detected							
4	2	Q3		No Structures Detected							
5	2	Q9		No Structures Detected							

Microscope: JEOL 1200EXII KV: 100kV Mag: 20000
Comments:

Analyst: Mushtaq Khan
Date Analyzed: 8/8/2016

TEM Analysis Sheet

Moody Labs
2051 Valley View Lane
Farmers Branch, TX 75234 Phone: (972) 241-8460

NVLAP Lab Code 102056-0
TDSHS License No. 30-0084

Client : PASS Associates, Inc.
Project : Stafford Elementary, Italy ISD
Lab Job No. : 16T-10214 Client Sample #: T-05
Sample Desc: TEM Final Clearance, East Wing

Filter: 0.45 µm/MCE/385 mm²
Sample Volume: 1282.5 liters
No. of Squares: 5
Square Field Area: 0.011 mm²
Total Area Analyzed: 0.055 mm²

Total Asbestos Structures: 0
Total Asbestos Structures: 0 (>5)
Analytical Sensitivity: 0.005 s/cc
Asbestos Concentration: <0.005 s/cc
Asbestos Concentration: <18.2 s/mm²

Sqr#	Grid#	Sqr ID	Struct #	Structure Type	Structure	L (µm)	W (µm)	SAED	Photo ID	EDX	Spectra ID
1	1	K1		No Structures Detected							
2	1	K3		No Structures Detected							
3	1	K9		No Structures Detected							
4	2	R1		No Structures Detected							
5	2	R3		No Structures Detected							

Microscope: JEOL 1200EXII KV: 100kV Mag: 20000
Comments:

Analyst: Mushtaq Khan
Date Analyzed: 8/8/2016

Daily Logs

PASS Associates, Inc.
11133 Shady Trail
Dallas, TX 75229
214-461-8743

PASS Associates, Inc

Date: 8/2/2016 Client: Italy ISD Tech: Danny Craig
Project: Stafford Elementary School, Italy, Texas

07:30	Mr. Danny Craig representing Rone engineering arrived on the project site along with Italy ISD personal, supervisor and crew representing Excellence Ecological Services (EES).
07:45	EES began pre-cleaning and preparation of the containment located at the assigned work area of the school crew consisted of one supervisor and seven workers: Eddy Hernandez 80-5001 Jorge L Cerna 91-8666 Luis A Chojolan 91-8670 Sixto R Rodriguez 80-8100 Eduar Gonzales 93-2634 Omar Eliud Palacios 93-2456 Cristian Bustillo 93-1770 Nancy Grissel Gonzales Vibian Gonzales Mejia
08:45	Ms. Janice Stalder IAC representing Rone Engineering arrived on site.
09:30	EES continued with prep of the assigned work area.
10:30	EES continued with prep of the assigned work area, Ms. Stalder departed the project site.
11:00	Mr. Craig began baseline sampling of the assigned work area.
12:00	EES ceased with prep work and taken a lunch break.
13:00	EES returned from lunch and resumed prep work containment area.
13:15	Mr. Craig collected baseline samples for analysis.
14:00	EES continued with prep work of assigned work area.
15:00	EES continued with prep work of assigned work area.
16:00	EES continued with prep work of assigned work area.
17:00	EES ceased with preparation of the containment for the day, Eddy Hernandez project supervisor secured the building EES and Mr. Craig departed the job site.

Signature: _____

PASS Associates, Inc

Date: 8/3/2016 Client: Italy ISD Tech: Danny Craig
Project: Stafford Elementary School, Italy, Texas

06:45	EES and Mr. Craig arrived on site, crew consisted of one supervisor and eight workers: Eddy Hernandez 80-5001 Jorge L Cerna 91-8666 Luis A Chojolan 91-8670 Sixto R Rodriguez 80-8100 Eduar Gonzales 93-2634 Omar Eliud Palacios 93-2456 Cristian Bustillo 93-1770 Nancy Grissel Gonzales 93-1576 Vibian Gonzales Mejia 93-0083 Yohana C Castro 91-9669
07:00	EES resumed prep work of the assigned work area.
07:45	B&B Waste arrived with one closed top dumpster
08:00	EES continued with prep of the assigned work area.
09:00	EES continued with prep of the assigned work area.
09:25	Mr. Craig conducted a pre-abatement visual of the containment area, visual inspection had satisfactory results negative pressure at '0.065.
09:45	EES donned Personal Protective Equipment (PPE) and entered the regulated work area thru the three stage wet decontamination unit (Decon) and began wet floor tile /mastic removal. Mr. Craig began air sampling abatement activities.
10:45	EES continued with gross removal of floor tile/mastic within the regulated work area.
11:45	EES ceased with abatement activities and exited thru the decon unit and taken a lunch break.
13:00	EES donned PPE entered the regulated work and resumed gross removal of floor tile/mastic.
14:00	EES continued with gross removal of floor tile/mastic within the regulated work area.
15:30	EES ceased with abatement activities and exited thru the decon unit for the day.
16:00	Eddy Hernandez project supervisor secured the building EES and Mr. Craig departed the job site.

Signature: _____

PASS Associates, Inc. ENVIRONMENTAL CONSULTANTS & MANAGERS
Containment Check List

Date: 8-3-16 Project Name: STAFFORD ELE.

Client: RENE CITIZEN (SAS) Work Area: EAST WING

1.	Is work performed within a regulated area?	(Yes)	No
2.	Are wet methods being used?	(Yes)	No
3.	Are there enough HEPA vacuums and HEPA filters available?	(Yes)	No
4.	Was all ACM waste properly bagged and labeled?	(Yes)	No

Comments: _____

_____

_____

Corrective Action Taken? Yes No

Removal started (time): 0645 (a.m.) / p.m.

Contractor's Name: EXCELLENCE ECOLOGICAL SERVICES

Superintendent: EDDY HERNANDEZ

Foreman: N/A

Number of workers on-site: SEVEN

Hours that contractor was on-site: 8

On-site technician: DANNY CRAIG

Summary of work completed today: COMPLETED PREP WORK, CONDUCTED GROSS REMOVAL OF FLOOR TILE IN CONTAINMENT UNDER NEGATIVE PRESSURE

_____

_____

Personal Protective Equipment (PPE) used: 1/2 FACE RESPIRATORS, DISPOSABLE SUITS, RUBBER BOOTS

_____

PASS Associates, Inc

Date: 8/4/2016 Client: Italy ISD Tech: Danny Craig
Project: Stafford Elementary School, Italy, Texas

07:00	EES and Mr. Craig arrived on site, crew consisted of one supervisor and eight workers: Eddy Hernandez 80-5001 Jorge L Cerna 91-8666 Luis A Chojolan 91-8670 Sixto R Rodriguez 80-8100 Eduar Gonzales 93-2634 Omar Eliud Palacios 93-2456 Cristian Bustillo 93-1770 Nancy Grissel Gonzales 93-1576 Vibian Gonzales Mejia 93-0083 Yohana C Castro 91-9669
07:20	EES donned PPE and entered the regulated work area thru the Decon unit and resumed floor tile/mastic removal in the last two rooms of the wing. Mr. Craig began air sampling abatement activities. Negative pressure at '0.050.
08:30	EES continued with abatement activities within the regulated work area.
09:30	EES continued with abatement activities within the regulated work area.
10:30	EES continued with abatement activities within the regulated work area.
11:30	EES ceased with abatement activities and exited thru the decon unit and taken a lunch break.
13:00	EES donned PPE entered the regulated work area and began waste load-out of ACM waste thru waste load-out chamber adjacent to decon unit.
14:00	EES continued with waste load-out of ACM waste.
15:30	EES completed with waste load-out of ACM waste 1,000 bags placed inside the closed top dumpster all ACM waste double bagged and labeled before being placed inside the closed top dumpster. EES began exiting thru the decon unit for the day.
16:00	Eddy Hernandez project supervisor secured the building EES and Mr. Craig departed the job site.

Signature: _____

PASS Associates, Inc. ENVIRONMENTAL CONSULTANTS & MANAGERS
Containment Check List

Date: 8-4-16 Project Name: STAFFORD ECE.

Client: RONE (ITALY BD) Work Area: EAST WING

1.	Is work performed within a regulated area?	~~Yes~~	No
2.	Are wet methods being used?	~~Yes~~	No
3.	Are there enough HEPA vacuums and HEPA filters available?	~~Yes~~	No
4.	Was all ACM waste properly bagged and labeled?	~~Yes~~	No

Comments: _____

Corrective Action Taken? Yes No

Removal started (time): 0720 ~~a.m.~~/ p.m.

Contractor's Name: EXCELLENCE ECOLOGICAL SERVICES

Superintendent: EDDY HERNANDEZ

Foreman: HA

Number of workers on-site: 7

Hours that contractor was on-site: 8

On-site technician: JOHNNY CRAIG

Summary of work completed today: COMPLETE FLOOR TILE REMOVAL BY HAZ WASTE LEAD CLR CP. ACM WASTE C/1300-1530

Personal Protective Equipment (PPE) used: ½ FACE RESPIRATORS, DISPOSABLE SUITS, RUBBER BOOTS

PASS Associates, Inc

Date: 8/5/2016 Client: Italy ISD Tech: Danny Craig
Project: Stafford Elementary School, Italy, Texas

07:00	EES and Mr. Craig arrived on site, crew consisted of one supervisor and eight workers: Eddy Hernandez 80-5001 Jorge L Cerna 91-8666 Luis A Chojolan 91-8670 Sixto R Rodriguez 80-8100 Eduar Gonzales 93-2634 Omar Eliud Palacios 93-2456 Cristian Bustillo 93-1770 Nancy Grissel Gonzales 93-1576 Vibian Gonzales Mejia 93-0083 Yohana C Castro 91-9669
07:30	EES donned PPE and entered the regulated work area thru the Decon unit and began gross removal of the black floor mastic. Mr. Craig began air sampling abatement activities. Negative pressure at '0.045.
08:30	EES continued with gross removal of floor mastic within the regulated work area.
09:30	EES continued with gross removal of floor mastic within the regulated work area.
10:30	EES continued with gross removal of floor mastic within the regulated work area.
11:45	EES ceased with abatement activities and exited thru the decon unit and taken a lunch break.
13:00	EES donned PPE entered the regulated work area and resumed gross and detail work of the floor mastic.
14:00	EES continued with gross removal of floor mastic within the regulated work area.
15:00	EES continued with detail of floor mastic within the regulated work area.
15:45	EES ceased with detail work of floor mastic EES began exiting thru the decon unit for the day.
16:00	Eddy Hernandez project supervisor secured the building EES and Mr. Craig departed the job site.

Signature: _____

PASS Associates, Inc. ENVIRONMENTAL CONSULTANTS & MANAGERS
Containment Check List

Date: 8-5-12 Project Name: FAIRFIELD ELE.

Client: KONA CITY ISD Work Area: EAST WING

1.	Is work performed within a regulated area?	Yes	No
2.	Are wet methods being used?	Yes	No
3.	Are there enough HEPA vacuums and HEPA filters available?	Yes	No
4.	Was all ACM waste properly bagged and labeled?	Yes	No

Comments: _____

Corrective Action Taken? Yes No

Removal started (time): 0730 a.m. / p.m.

Contractor's Name: EXCELLENCE ECOLOGICAL SERVICES

Superintendent: EDDY HERNANDEZ

Foreman: N/A

Number of workers on-site: 7

Hours that contractor was on-site: 8

On-site technician: DANNY CONG

Summary of work completed today: GROSS REMOVAL OF FLOOR MASTIC

Personal Protective Equipment (PPE) used: 1/4 FACE RESPIRATORS DISPOSABLE SUITS, RUBBER BOOTS

PASS Associates, Inc

Date: 8/6/2016 Client: Italy ISD Tech: Danny Craig
Project: Stafford Elementary School, Italy, Texas

07:00	EES and Mr. Craig arrived on site, crew consisted of one supervisor and three workers: Eddy Hernandez 80-5001 Jorge L Cerna 91-8666 Sixto R Rodriguez 80-8100 Yohana C Castro 91-9669
07:15	EES donned PPE and entered the regulated work area thru the Decon unit and resumed detail cleaning of the black floor mastic. Mr. Craig began air sampling abatement activities. Negative pressure at '0.048.
08:00	EES continued with detail cleaning of floor mastic within the regulated work area.
08:25	EES project supervisor donned PPE and entered the regulated area to help with detail cleaning.
09:00	EES continued with detail cleaning of floor mastic within the regulated work area.
10:00	EES continued with detail cleaning of floor mastic within the regulated work area.
10:35	EES began waste load-out of ACM waste thru the decon unit.
11:15	EES completed with waste load-out of ACM waste, all ACM waste appeared to be double bagged and labeled then placed inside the closed top dumpster, EES resumed detail cleaning.
11:50	EES project supervisor requested a post-abatement visual inspection of the regulated work area, Mr. Craig donned PPE and began visual inspection .
12:15	Mr. Craig completed the visual inspection which had satisfactory results, EES began encapsulation of the regulated work area.
12:40	Encapsulation of the regulated work completed. EES began loading equipment and materials onto EES cargo truck.
14:00	Eddy Hernandez project supervisor secured the building, Mr. Hernandez given the school to the school to Mr. Craig, EES and Mr. Craig departed the job site.

Signature: _____

PASS Associates, Inc. ENVIRONMENTAL CONSULTANTS & MANAGERS
Containment Check List

Date: 8-6-16 Project Name: JASPERD ELE.

Client: RANE (ITALY ISD) Work Area: EAST WING

1.	Is work performed within a regulated area?	Yes	No
2.	Are wet methods being used?	Yes	No
3.	Are there enough HEPA vacuums and HEPA filters available?	Yes	No
4.	Was all ACM waste properly bagged and labeled?	Yes	No

Comments: _____

Corrective Action Taken? Yes No

Removal started (time): 0715 a.m. / p.m.

Contractor's Name: ECS

Superintendent: EDDY HERNANDEZ

Foreman: N/A

Number of workers on-site: 3

Hours that contractor was on-site: _____

On-site technician: DANNY CRAIG

Summary of work completed today: BEGAN CLEANING OF THE SUGGESTED AREA'S

Personal Protective Equipment (PPE) used: 1/2 FACE RESPIRATORS DISPOSABLE SUITS, RUBBER BOOTS

PASS Associates, Inc

Date: 8/8/2016 Client: Italy ISD Tech: Danny Craig
Project: Stafford Elementary School, Italy, Texas

07:00	Mr. Craig arrived on site.
07:30	Mr. Craig began TEM final clearance sampling of the regulated work area.
08:30	Mr. Craig checked on the TEM final clearance samples.
10:00	Mr. Craig collected the TEM final clearance air samples for analysis, secured the building and departed to the lab to drop off air samples.

Signature: _____

PASS Associates, Inc

Date: 8/9/2016 Client: Italy ISD Tech: Danny Craig
Project: Stafford Elementary School, Italy, Texas

08:00	Mr. Craig arrived on site received results from the TEM final clearance samples from Ms. Stalder that the TEM air samples had 0 structures, EES can remove critical barriers and decon unit when they arrive.
09:30	EES arrived on site, crew consisted of two began dismantling and removal of critical barriers, Mr. Craig given Eddy Hernandez key for access inside the east wing of the school.
10:30	EES continued to remove critical barriers and equipment from the site.
11:30	EES continued to remove critical barriers and equipment from the site.
11:45	EES began cleaning where critical barriers were located.
12:30	EES completed with the removal and cleaning of the critical barriers and decon unit, poly sheeting was double bagged and labeled, all equipment and materials removed from the project site.

Signature: _____

Final Visual Inspection

PASS Associates, Inc.
11133 Shady Trail
Dallas, TX 75229
214-461-8743

FINAL VISUAL INSPECTION CHECKLIST

Project Name: STAFFORD ECC Project #: _____

Address: 360 HARRIS ST.

ITALY, TX

Abatement Location: EAST WING

Inspection Date 8-6-16 Start Time: 1150 End Time: 1215

Asbestos Containing Material Being Abated: ____ Surfacing
____ Thermal System Insulation
__X__ Miscellaneous

Approximate Amount of Material Abated: 4666 SF _____ LF

Inspection for Residual Dust: __X__ None Found
_____ Residual Dust Found

____ Floors ____ Pipes
____ Lights ____ Horizontal Surfaces
____ Equipment ____ Other (Specify): _____

Inspection for Gross Contamination: __X__ None Found
_____ Residual Dust Found

____ Floors ____ Pipes
____ Lights ____ Horizontal Surfaces
____ Equipment ____ Other (Specify): _____

Results of Visual Inspection: __X__ PASS _____ FAIL

Comments: _____

Area Inspected By: _____ Company: PASS ASSOCIATES

In conjunction with the above-mentioned project manager, the contractor confirms that the specified asbestos-containing materials have been removed, and that no visible residual dust or gross contamination was found.

Contractors Representative: Eddy Hernandez Company: EXCELENCE

Scope of Work

PASS Associates, Inc.
11133 Shady Trail
Dallas, TX 75229
214-461-8743

Summary by References: Work of the Contract can be summarized by references to the contract, General Conditions, Supplementary Conditions, Specification Sections, Drawings, Addenda and modifications to the contract documents issued subsequent to the initial printing of this project manual, including but not necessarily limited to printed material referenced by any of these. Work of the Contract is also unavoidably affected or influenced by governing regulations, natural phenomenon including weather conditions and other forces outside the contract documents.

Abbreviated Written Summary: Briefly and without force and effect upon the contract documents, the work of the Contract can be summarized as including removal and disposal of asbestos-containing materials associated with:

Elementary School – Approximately 9800 sq. ft. of floor tile and mastic in the classrooms of the elementary school.

*Quantities listed are estimates only. The Contractor is responsible for verifying quantity estimates prior to submission of bid. Ceiling and wall system quantities were derived from estimates based on Pass Associates, Inc. measurements. The contractor will perform work for materials and locations indicated, regardless of actual quantities, and no increase in Contract amount will be allowed for quantity adjustment.

The following materials shall be removed in two full or modified containments with decontamination units utilizing guidelines as described in these specifications, unless otherwise specifically stated.

A. Floor Tile & Mastic ..... 9,800 sq. ft. in classrooms of elementary school

Additional Notes:

a) Contractor will be required to indemnify Owner, and PASS Associates, Inc. against any patent infringements on account of the Contractor's failure to obtain said licenses or to pay said royalties and/or fees.

b) Contractor shall pre-clean surface areas with HEPA vacuum prior to poly prepping the work area, if necessary.

General and Administrative Requirements: are set forth in the following specifications:

01013 Summary of the Work - Asbestos Abatement
01043 Project Coordination - Asbestos Abatement
01091 Definitions and Standards - Asbestos Abatement
01313 Schedules, Reports - Asbestos Abatement
01632 Products and Substitutions

Abatement Work: requirements are set forth in the following sections, listed here according to the sequence of the work:

01092 Codes and Regulations - Asbestos Abatement: sets forth-governmental regulations and industry standards, which are included and incorporated herein by reference and made a part of the specification. This section also sets forth those notices and permits which are known to the Owner and which either must be applied for and received, or which must be given to governmental agencies before start of work.

01503 Temporary Facilities - Asbestos Abatement: sets forth the support facilities needed, such as electrical and plumbing connections for the decontamination unit and office space for the Project Administrator.

IAC: 

01526 Temporary Enclosures: details the requirements for the sheet plastic barriers isolating the work area from the balance of the building.

01410 Testing Laboratory Services: Asbestos Abatement describes air monitoring by Owner so that the building beyond the work area will remain uncontaminated. Air monitoring to determine required respiratory protection is the responsibility of the Contractor, but must be in compliance with Section 01562.

01563 Decontamination Units: explains the setup and operation of the personnel and material decontamination units.

01513 Negative Pressure System: sets for the procedures for setting up the air filtration devices and ventilation of the work area.

01560 Worker Protection - Asbestos Abatement: describes the requirements and procedures for protecting workers against asbestos contamination and other workplace hazards, except for respiratory protection, which is addressed in Section 01562.

01562 Respiratory Protection: sets for the procedures and equipment required for adequate protection against inhalation of airborne asbestos fibers.

Decontamination of the Work Area: after completion of abatement work is described in the following sections:

01712 Cleaning and Decontamination Procedures: sets forth procedures to be use don contaminated objects and rooms.

01713 Project Decontamination - Microfibers: describes the special procedures required to clean an area of contamination by asbestos fibers.

01714 Work Area Clearance - Microfibers: describes the special procedures required to clean an area of contamination by asbestos fibers.

01714 Work Area Clearance: describes the analytical methods used to determine if the work are has been successfully cleaned of contamination.

01701 Project Closeout - Asbestos Abatement: details the closeout procedures to end the project once abatement work is complete, including final paperwork requirements.

Asbestos Removal Work Procedures: are describe din the following specification sections:

02081 Removal of Asbestos Containing Materials
02084 Disposal of Asbestos Containing Waste Material

Where, in the performance of the work, workers, supervisory personnel, subcontractors or consultants may encounter, disturb or otherwise function in the immediate vicinity of any identified asbestos-containing materials, take appropriate continuous measures as necessary to protect all building occupants from the potential hazard of exposure to airborne asbestos. Such measure shall include the procedures and methods described herein, and include compliance with regulations of applicable federal, state and local agencies.

IAC:

State Licenses

PASS Associates, Inc.
11133 Shady Trail
Dallas, TX 75229
214-461-8743

Texas Department of State Health Services

Asbestos Individual Consultant

JANICE A STALDER
License No. 105696
Control No. 96721
Expiration Date: 9/15/2016

TEXAS DEPARTMENT OF STATE HEALTH SERVICES

PASS ASSOCIATES INC

is certified to perform as a

Asbestos Consultant Agency

in the State of Texas within the purview of Texas Occupations Code, chapter 1954, so long as this license is not suspended or revoked and is renewed according to the rules adopted by the Texas Board of Health.

David Lakey MD

DAVID LAKEY, M.D.
COMMISSIONER OF HEALTH

License Number: 100219

Control Number: 96722

Expiration Date: 9/18/2016

(Void After Expiration Date)

VOID IF ALTERED NON-TRANSFERABLE

TEXAS DEPARTMENT OF STATE HEALTH SERVICES

PASS ASSOCIATES INC

is certified to perform as a

Asbestos Laboratory
PCM

in the State of Texas within the purview of Texas Occupations Code, chapter 1954, so long as this license is not suspended or revoked and is renewed according to the rules adopted by the Texas Board of Health.

DAVID LAKEY, M.D.
COMMISSIONER OF HEALTH

License Number: 300202

Control Number: 96028

Expiration Date: 2/26/2017

(Void After Expiration Date)

VOID IF ALTERED NON-TRANSFERABLE

License Type Code: 1604 - Rank Code: ALL - Status Code(s): 20 - Mdf: ALL
Order By Name

Profession Roster Report
Asbestos Air Monitoring Technician

LIC#	Name	Selected Address(MAIL)	Phone	Expires	Rank Date	Orig. Date	Status Date	Status
706351	CHALEPAH, CHRISTOPHER J	P.O. BOX 494 CARNEGIE, OK 73015	4053200520	02/12/2018	02/13/2006	02/13/2006	01/13/2016	Current
706562	CHAMPAGNE, CHAD E	2501 EAST LOOP 820 NORTH FORT WORTH, TX 76118	5172688600	04/01/2018	04/02/2010	04/02/2010	04/02/2010	Current
706816	CHINCHILLA, CARLOS R	P O BOX 223632 DALLAS, TX 75222	2149463202	06/10/2017	06/11/2015	06/11/2015	06/11/2015	Current
706014	COLE, CHADWICK M	PO BOX 889 ELM MOTT, TX 76640-0889	8002312988	12/19/2017	12/20/2005	12/20/2001		Current
706305	CONTRERAS, ARNOLDO	PO BOX 800836 BALCH SPRINGS, TX 75180	2146411926	03/03/2017	03/04/2007	03/04/2005	02/07/2011	Current
700175	COOK, JOHN W II	1327 EAST WASHINGTON AVENUE 130 HARLINGEN, TX 78550	9564537075	03/10/2017	03/11/2005	03/04/1993	04/14/2016	Current
706538	COOPER, TYRECE L	344 TURQUOISE DR FORT WORTH, TX 76131	3142656569	05/05/2017	05/06/2009	05/06/2009	07/20/2015	Current
706670	CORRAL, EDDIE	11839 KEY BISCAYNE COURT HOUSTON, TX 77065	7136567292	07/29/2018	07/30/2012	07/30/2012	06/13/2016	Current
705420	CORREA, GONZALO	2420 HARBOR TRAIL IRVING, TX 75060	4694419418	04/10/2017		12/13/1995	04/22/2015	Current
700002	COX, CHRISTOPHER M	2318 TRAILWOOD LN RICHMOND, TX 77406	7138188021	02/14/2018	02/15/2006	11/30/1992	02/16/2016	Current
706551	COX, SHAARA K	2318 TRAIL WOOD LANE RICHMOND, TX 77406	8327199763	10/19/2017	10/20/2009	10/20/2009	10/20/2009	Current
700365	CRAIG, DANNY R	11133 SHADY TRAIL DALLAS, TX 75229	2144618743	11/29/2016	11/30/2006	09/20/1993	12/01/2010	Current
706704	CULLEN, THOMAS C	32427 WALNUT CREEK RD MAGNOLIA, TX 77355	8323263554	04/14/2017	04/15/2013	04/15/2013	04/15/2013	Current
706861	DABAGHI, KAVEH	791 EIFFEL DR PLANO, TX 75023	2142561392	02/22/2018	02/23/2016	02/23/2016	02/23/2016	Current
700043	DARGALI, BAKHTIAR	3216 WALSINGHAM DRIVE	9728773493	02/11/2017	02/12/2007	12/28/1992	02/12/2015	Current

License Type Code: 1606 - Rank Code: ALL - Status Code(s): 20 - Mdf: ALL
Order By Name

Profession Roster Report
Asbestos Project Manager

LIC#	Name	Selected Address(MAIL)	Phone	Expires	Rank Date	Orig. Date	Status Date	Status
500313	COOK, JOHN W II	830 HUMMINGBIRD LANE WEST HARLINGEN, TX 78552	9564537075	12/26/2016	12/27/2006	03/16/1995	12/28/2015	Current
501397	COOPER, TYRECE L	344 TURQUOISE DR FORT WORTH, TX 76131	3142656569	05/05/2017	05/06/2009	05/06/2009	07/20/2015	Current
501364	CORREA, GONZALO	2420 HARBOR TRAIL IRVING, TX 75060	4694419418	06/24/2018	06/25/2008	06/25/2008	07/05/2016	Current
500001	COX, CHRISTOPHER M	2318 TRAILWOOD LN RICHMOND, TX 77406	7138188021	02/14/2018	02/15/2006	11/30/1992	02/16/2016	Current
501415	COX, SHAARA K	2318 TRAILWOOD LANE RICHMOND, TX 77406	8327199763	10/19/2017	10/20/2009	10/20/2009	11/04/2015	Current
500195	CRAIG, DANNY R	1717 PROCTOR DR GRAND PRAIRIE, TX 75051		03/31/2018	04/01/2006	09/15/1993	03/01/2016	Current
501018	CROCHET, FRAN C	365 HIGHWAY 365 PORT ARTHUR, TX 77640	4097278227	06/15/2018	06/16/2006	04/01/2003	06/15/2015	Current
501568	CULLEN, THOMAS C	32427 WALNUT CREEK RD MAGNOLIA, TX 77355	8323263554	04/14/2017	04/15/2013	04/15/2013	04/15/2013	Current
501707	DABAGHI, KAVEH	791 EIFFEL DR PLANO, TX 75023		01/14/2018	01/15/2016	01/15/2016	01/15/2016	Current
500647	DARGALI, BAKHTIAR	3216 WALSINGHAM DRIVE PLANO, TX 75093	9728773493	02/11/2017	02/12/2007	10/01/1998	02/12/2015	Current
501360	DARGALI, KAMARAN	3000 MANGA DRIVE PLANO, TX 75025	4693210172	05/29/2018	05/30/2008	05/30/2008	05/19/2016	Current
501680	DAVIS, AUSTIN M	401 SANTOS ST #6107 SAN ANTONIO, TX 78216		07/08/2017	07/09/2015	07/09/2015	07/09/2015	Current
501571	DAVIS, JOKODI J	612 N BOOTH CALLOWAY RD APT 1504 HURST, TX 76053	3182945628	04/25/2017	04/26/2013	04/26/2013	04/26/2013	Current
500269	DAVIS, STANLEY W	PO BOX 181720 ARLINGTON, TX 76096	8172388483	01/18/2018	01/19/2006	09/28/1994		Current
500914	DAVIS, TONY	14610 BRADEN DRIVE SUITE E	7134809348	05/31/2018	06/01/2006	03/06/2002		Current