EL MONTE UNION HIGH SCHOOL DISTRICT

Purchasing Department

3537 JOHNSON AVENUE, EL MONTE, CA 91731

Phone: (626) 444-9005

Email: purchasing@emuhsd.org

April 14, 2025

TO	:	All Bidders
FROM	:	El Monte Union High School District
BID #	:	2024-25 (B7)
PROJECT	:	Arroyo High School Kitchen Epoxy Floor Project
SUBJECT	:	Addendum No. 2

The following changes, omissions, and/or additions to the Project Manual and/or Drawings shall apply to proposals made for and to the execution of the various parts of the work affected thereby, and all other conditions shall remain the same.

Careful note of the Addendum shall be taken by all parties of interest so that the proper allowances may be made in strict accordance with the Addendum, and that all trades shall be fully advised in the performance of the work which will be required of them.

Bidder shall acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject Bidder to disqualification.

In case of conflict between Drawings, Project Manual, and this Addendum, this Addendum shall govern.

CLARIFICATIONS

RFI #1: Can you please clarify the epoxy flooring system.

Answer: Flooring System: The specified epoxy flooring system is manufactured by Tnemec. It is a resinous flooring system— please see the attached specification for additional details.

RFI #2: Can you please clarify the manufacture name or product number of the (3) new metal doors. Anything that helps us identify which type of doors are being requested.

Answer: Metal Doors: The specified manufacturer for the new metal doors is Steelcraft or an approved equal. Doors must meet commercial requirements suitable for school applications.

Also, attached is the Asbestos testing results which came up negative.

END OF ADDENDUM NO. 2

SECTION 096723 RESINOUS FLOORING

PART 1 - GENERAL

1.1 SUMMARY

A. Section includes the surface preparation and application requirements of high performance resinous floor coating systems by a qualified applicator.

B. Coordination:

1. Coordinate surface preparation of substrates to avoid later difficulty or delay in performing the Work of this Section.
2. Review installation procedures under other Sections and coordinate the installation of items that must be installed prior to application of the resinous floor coating systems.
3. Substrate surface preparation and resinous floor coating application, including concrete resurfacing, to be completed by manufacturer's approved Applicator.
4. The Applicator shall coordinate with Architect regarding the availability of work areas, completion times, safety, access and other factors which could impact plant operations.

C. Related Sections:

1. Section 03300, Cast-in-Place Concrete
2. Section 03400, Precast Concrete
3. Section 03640, Chemical Grouting
4. Section 07150, Sealants
5. Section 07160, Bituminous Damp proofing

1.2 REFERENCES

A. This Section contains references to the governing standards and documents listed below. They are a part of this Section as specified and modified; the current version shall apply unless otherwise noted. In case of conflict between the requirements of this section and those of the listed documents, the more stringent of the requirements shall prevail.

B. American Concrete Institute (ACI):

1. ACI 301-10 – Specifications for Structural Concrete
2. ACI 308R – Guide to Curing Concrete

C. ASTM International (ASTM):

1. ASTM D4263 – Standard Test Method for Indicating Moisture in Concrete by the Plastic Sheet Method.
2. ASTM D4414 – Standard Practice for Measurement of Wet Film Thickness by Notch Gages.

3. ASTM F1869 – Standard Test Method for Measuring Moisture Vapor Emission Rate of Concrete Subfloor Using Anhydrous Calcium Chloride.
4. ASTM F2170 – Standard Test Method for Determining Relative Humidity in Concrete Floor Slabs Using in situ Probes.

D. International Concrete Repair Institute (ICRI):

1. Guideline No. 310.2 – Selecting and Specifying Concrete Surface Preparation for Sealer, Linings, and Polymer Overlays

E. NACE International (NACE):

1. NACE No. 6/SSPC-SP13 – Surface Preparation of Concrete

F. SSPC: The Society for Protective Coatings, (SSPC)

1. SSPC-SP13/NACE No. 6 Surface Preparation of Concrete

G. Unless otherwise specified, references to documents shall mean the documents in effect at the time of receipt of Bids. If referenced documents have been discontinued by the issuing organization, references to those documents shall mean the replacement documents, the last version of the document before it was discontinued.

1.3 SUBMITTALS

A. Product Data Sheets: Copies of current technical data for each component specified and applied as outlined in this Section.

B. Safety Data Sheets: Copies of current Safety Data Sheets (SDS) for any materials brought on-site, including clean-up solvents, repair or resurfacing mortars and lining materials.

C. Installation Instructions: Manufacturer's written installation instructions for the materials specified in this Section.

D. Qualification Data: Submit proof of acceptability of the Applicator by manufacturer to Architect.

E. Construction Details: Copies of manufacturer's computer generated standard flooring details.

F. Jobsite Layout Plan: Including material storage/staging and equipment storage /staging.

G. Samples: For each resinous floor coating system submit a 3" x 6" sample of the system. Color, Texture and thickness shall be representative of the overall appearance as specified.

H. Jobsite Reports: Submit at the completion of Work

1. Daily Reports: Include surface preparation, substrate temperature, ambient air temperature, application procedures, materials applied, material quantities, material batch number, description of work completed and location thereof.
2. The Applicator shall maintain a copy of records until the expiration of the specified warranty period.

1.4 QUALITY ASSURANCE

A. Applicator Qualifications:

1. Applicator shall be qualified by the manufacturer prior to bid date.
2. Installation equipment shall be acceptable to the manufacturer.
3. Applicator shall establish quality control procedures and practices to monitor phases of surface preparation, storage, mixing, application, and inspection throughout the duration of the project.
4. Applicator shall provide a fulltime, on-site person whose dedicated responsibilities will include quality control of the application.
5. Applicator's quality control procedures and practices must include the following items:
    a. Training of personnel in the proper surface preparation requirements.
    b. Training of personnel in the proper storing, mixing, and application and quality control testing.

B. Mockups: Apply mockups of each system to verify selections made under sample submittals and to demonstrate aesthetic effects and set quality standards for materials and execution.

1. Apply full-thickness mockups on 48-inch- square floor area selected by Architect.
    a. If required include 48-inch length of integral cove base.
2. Simulate finished lighting conditions for Architect's review of mockups.
3. Approved mockups may become part of the completed Work if undisturbed at time of Substantial Completion.

C. Pre-Installation Conference:

1. Before installing mock-ups General Contractor, Applicator, and Technical Representative of the Manufacturer shall meet on-site with Architect to discuss approved products and workmanship to ensure proper application of the products and substrate preparation requirements.
2. Review foreseeable methods and procedures related to the Work including but not necessarily limited to the following:
    a. Review Project Requirements and the Contract Documents.
    b. Review required submittals.
    c. Review status of substrate Work, including approval of surface preparations and similar considerations.
    d. Review requirements of on-site quality control inspection and testing.
    e. Review the requirements for preparing the quality control report as specified herein.
    f. Review availability of materials, tradesmen, equipment and facilities needed to make progress and avoid delays.
    g. Review material storage and staging.
    h. Review equipment storage and staging.
    i. Review waste management and disposal.
    j. Review environmental conditions, other project conditions, and procedures for coping with unfavorable conditions.
    k. Review regulations concerning code compliance, environmental protection, health, safety, fire and similar considerations.

l. Review procedures required for the protection of the completed Work during the remainder of the construction period.

D. Single-Source Responsibility:

1. Materials shall be products of a single manufacturer or items standard with manufacturer of specified resinous floor coating materials.
2. Provide secondary materials which are produced or are specifically recommended by resinous floor coating system manufacturer to ensure compatibility of system.

E. Regulatory Requirements: Conform to applicable codes and ordinances for flame, fuel, smoke and volatile organic compounds (VOC) ratings requirements for finishes at time of application.

1.5 PRODUCT DELIVERY, STORAGE, AND HANDLING

A. Delivery of Materials:

1. Deliver material in manufacturer’s original, unopened and undamaged packages.
2. Clearly identify manufacturer’s, brand name, contents, color, batch number, and any personal safety hazards associated with the use of or exposure to the materials on each package.
3. Packages showing indications of damage that may affect condition of contents are not acceptable.

B. Storage of Materials:

1. Materials shall be stored in accordance with manufacturer's recommendations in enclosed structures and shall be protected from weather and adverse temperature conditions. Flammable materials shall be stored in accordance with state and local codes. Materials exceeding storage life as defined by the manufacturer shall be removed promptly from the site. Store materials only in area or areas designated by the Architect solely for this purpose.
2. Store in original packaging under protective cover and protect from damage.
3. Stack containers in accordance with manufacturer’s recommendations.

C. Handling of Materials: Handle materials in such a manner as to prevent damage to products or finishes.

1.6 JOB CONDITIONS

A. Environmental Requirements:

1. Proceed with Work only when temperature and moisture conditions of substrates, air temperature, relative humidity, dew point and other conditions comply with the manufacturer’s written recommendations and when no damaging environmental conditions are forecasted for the time when the material will be vulnerable to such environmental damage. Record such conditions and include in daily quality control report.

2. Maintain substrate temperature and ambient air temperature before, during and after installation above 55°F and rising in accordance with manufacturer's instructions.
3. Provide adequate ventilation during installation and full curing periods of the Work.
4. Coatings shall not be applied when ambient air temperature is within 5°F of the dew point and falling.

B. Dust and Contaminants: Protect work and adjacent areas from excessive dust and airborne contaminants during application and curing. Schedule Work to avoid excessive dust and airborne contaminants.

C. Lighting: Provide permanent lighting or, if permanent lighting is not in place, simulate permanent light conditions during resinous flooring application.

D. Close space to traffic during resinous flooring application and for not less than 24 hours after application, unless manufacturer recommends a longer period.

1.7 WARRANTY

A. Submit manufacturer's standard warranty for material.

B. Submit Applicator's standard warranty for workmanship.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

A. Products of Tnemec Company, Inc., 417 E Weber Ave, Compton, CA 90222 (310)637-2363 www.tnemec.com are listed to establish a standard of performance and quality.
1. Local Tnemec Contact: TPC Consultants, Chris Hille, chille@tnemec.com, (310)637-2363

B. Tnemec Company, Inc., is listed as the preferred paint manufacturer. Substitutions shall be considered but must be approved by Architect 14 days prior to bid deadline. Offers for substitutions will not be considered which decrease film thickness, solids by volume or the number of coats to be applied or which propose a change from the generic type of coating specified herein. All substitutions shall include complete test reports to comply with specified performance criteria. If accepted, the substitution will be added via addendum. Paint application shall be in strict accordance with manufacturer's printed instructions except that coating thickness specified in paint schedule herein shall govern.

C. Requests for substitution shall include:

1. Manufacturer's literature for each product giving name, product number, generic type, descriptive information, laboratory testing showing results equal to the performance criteria of the products specified herein.
2. Side by side comparison of the performance attributes of the proposed materials as compared to the specified coating system.

3. List of ten (10) projects in which each product has been used and rendered satisfactory service.
4. The sum which will be added to or deducted from the base bid should alternate materials be accepted.

D. After first submittal, Architect/Owner's Agent hourly rate will be charged to review further submittals.

2.2 GENERAL

A. VOC Content: Products shall comply with VOC limits of authorities having jurisdiction.

2.3 MATERIALS

A. Cove Base: Series 222 Deco-Tread w/Series 222C Chroma-Quartz

B. Base Coat: Series 241 Ultra-Tread MVT

1. Broadcast Series 222C Chroma-Quartz to refusal

C. Broadcast Coat: Series 222 Deco-Tread

1. Broadcast Series 222C Chroma-Quartz to refusal

D. Grout Coat: Series 222 Deco-Tread

E. Seal Coat: Series 222 Deco-Tread

F. Finish Coat(s): Series 248 Everthane

2.4 GENERAL

A. VOC Content: Products shall comply with VOC limits of authorities having jurisdiction.

2.5 ACCESSORY MATERIALS

A. Patching and Fill Material: Resinous product of or approved by manufacturer and recommended by manufacturer for application indicated.

B. Joint Sealant: Type recommended or produced by manufacturer for type of service and joint condition indicated.

PART 3 - EXECUTION

3.1 GENERAL

A. The Applicator shall cover or otherwise protect finish work or other surfaces not being coated within the scope of this Section. The Applicator shall erect and maintain protective tarps, enclosures and/or masking to contain debris, including dust or other airborne

particles from surface preparation or application activities. This may include the use of dust or debris collection apparatus as required at no additional cost to Owner.

3.2 EXAMINATION

A. Site Verification of Conditions

1. The Applicator shall examine the areas and conditions under which the resinous floor coating Work is to be performed in accordance with NACE SP0892 and SSPC-SP13/NACE No. 6, and notify Architect in writing of conditions detrimental to the proper and timely completion of the Work.
2. All concrete should be cured using the procedures described in ACI 308, allowing a minimum of 28 days at 75F.
3. The Applicator shall confirm the presence of a vapor barrier to protect against the effects of moisture vapor transmission.
4. Commencement of the Work of this Section shall indicate that the substrate and other conditions of installation are acceptable to the Contractor and his Applicator, and will produce a finished product meeting the requirements of the Specifications. Defects resulting from accepted conditions shall be corrected by the Applicator at his own expense.

3.3 SURFACE PREPARATION

A. Concrete surfaces to receive resinous floor coatings shall be poured with a Smooth Troweled Finish in accordance with ACI 301.

B. All surfaces must be clean, dry and free of oil, grease and other contaminants, prior to preparation in accordance with NACE No. 6/SSPC-SP13. Concrete surfaces must be sound and capable of supporting the resinous floor coating system.

C. Prepare concrete surfaces in accordance with NACE No. 6/SSPC-SP13 Joint Surface Preparation Standards and ICRI Technical Guidelines. Shot-blast or mechanically abrade concrete surfaces to remove laitance, curing compounds, hardeners, sealers, existing coatings, and other contaminants and to provide the recommended ICRI-CSP Profile.

D. Cracks, voids and other surface imperfections should be filled with the recommended filler or surfacer prior to the installation of the materials.

E. Treat control joints and other nonmoving substrate cracks to prevent cracks from reflecting through the resinous floor coating system according to manufacturer's written recommendations.

3.4 APPLICATION

A. General: Apply components of resinous floor system according to manufacturer's written instructions to produce a uniform, monolithic wearing surface of thickness indicated.

1. Coordinate application of components to provide optimum adhesion of resinous flooring system to substrate, and optimum intercoat adhesion.
2. Cure resinous flooring components according to manufacturer's written instructions. Prevent contamination during application and curing processes.

3. At substrate expansion and isolation joints, provide joint in resinous flooring to comply with resinous flooring manufacturer's written recommendations.
   a. Apply joint sealant to comply with manufacturer’s written recommendations.

B. Apply products in accordance with Manufacturer’s written instruction as outlined in application guides and product data sheets.

C. Comply with manufacturer's written instructions for mixing and preparing materials and as applicable to substrates.

D. Terminations shall be installed in accordance with the StrataShield Standard Flooring Details Guide:

E. Areas not to receive resinous floor coating system shall be masked or otherwise protected to prevent these surfaces from being coated.

F. Surface Temperature: Prior to application, the surface temperature shall be per manufacturer’s written recommendations.

G. Material Temperature: Prior to application, the material temperature shall be per manufacturer’s written recommendations or between 65 degrees F and 85 degrees F. The material shall be stored at these temperatures at least 48 hours prior to use.

H. Apply resinous floor coatings according to manufacturer's written instructions. Use applicators and techniques suited for resinous floor coatings and substrate indicated.

I. Apply each material at not less than manufacturer's recommended spreading rate. Provide total cured material thickness indicated or as recommended in writing by manufacturer.

3.5 FIELD QUALITY CONTROL, INSPECTION AND TESTING

A. The Applicator shall perform the quality control procedures listed below in conjunction with the requirements of this Section.

B. Inspect materials upon receipt to ensure that they are supplied by the approved Manufacturer.

C. Surface Profile: Inspect and record substrate profile (anchor pattern). Surfaces shall be profiled equal to the required CSP amplitude as recommended by the resinous floor coating manufacturer in accordance with ICRI Guideline 310.2 and SSPC-SP13/NACE No. 6.

1. Compare and record the substrate profile once every 50 square feet with the Concrete Surface Profile (CSP) comparators in accordance with ICRI Guideline No. 310.2.

D. Surface Cleanliness: Prepared concrete surfaces shall be inspected for surface cleanliness after cleaning and drying, prior to resurfacing or coating application.

E. Concrete Moisture Testing: After surface preparation verify concrete dryness in accordance with ICRI Guideline 310.2 and SSPC-SP13/NACE No. 6 and the following test methods.

1. ASTM F1869 – Standard Test Method for Measuring Moisture Vapor Emission Rate of Concrete Subfloor Using Anhydrous Calcium Chloride.
   a. Moisture vapor transmission not to exceed twenty pounds per 1,000 square feet in a 24 hour period.
2. ASTM F2170 – Standard Test Method for Determining Relative Humidity in Concrete Floor Slabs Using in situ Probes.
   a. Relative humidity not to exceed 99 percent.
3. Consult manufacturer regarding questions and or recommendations in reference to moisture problems.

F. Measure and record ambient air temperature, relative humidity and dew point temperature once every two hours of each work shift.

G. Measure and record substrate temperature once every two hours using an infrared or other surface thermometer.

H. Dry-Film Thickness shall be determined using a surface area calculation for material consumption.

I. The Applicator is responsible for keeping the Architect informed of progress so that Architect may provide additional quality control at his discretion.

J. Inspection by the Architect or others does not absolve the applicator from his responsibilities for quality control inspection and testing as specified herein or as required by the Manufacturer's instructions.

K. Material Sampling: Owner may at any time and any numbers of times during the resinous flooring application require material samples for testing for compliance with requirements.

1. Owner will engage an independent testing agency to take samples of materials being used. Material samples will be taken, identified, sealed, and certified in the presence of Contractor.
2. Testing agency will test samples for compliance with requirements, using applicable referenced testing procedures or, if not referenced, using testing procedures listed in manufacturer's product data.
3. If test results show applied materials do not comply with specified requirements, pay for testing, remove noncomplying materials, prepare surfaces coated with unacceptable materials, and reapply flooring materials to comply with requirements.

3.6 MANUFACTURER'S FIELD SERVICES

A. Manufacturer's technical representative shall provide technical assistance and guidance for surface preparation and application of coating systems.

3.7 ACCEPTANCE CRITERIA

A. All surfaces shall be prepared, applied, and tested in accordance with the specification and referenced standards herein.

3.8 CLEANING AND PROTECTING

A. Protect the completed Work from traffic, physical abuse, liquids, and chemical exposure until the complete system has thoroughly cured for 24 hours.

B. At the completion of the Work, the Applicator shall remove materials and debris associated with the Work of this Section.

C. Clean surfaces not designated to receive resinous floor coating system. Restore areas in a manner acceptable to Architect.

D. Protect the completed Work from damage until Final Acceptance. Resinous floor coating systems damaged in any manner shall be repaired or replaced at the discretion of Architect, at no additional cost to Owner.

3.9 COATING SCHEDULE

A. Surface Preparation: Prepare in accordance with SSPC-13/NACE 6 and ICRI Technical Guidelines. Abrasive Blast, shot-blast or mechanically abrade concrete surfaces to provide a minimum ICRI-CSP 4 - 5 or greater surface profile

B. 6-in Cove Base: Series 222 Deco-Tread with Series 222C Chroma-Quartz applied at approximately 25 - 30 LinFt/Gal
   1. Mix 1 gal of Series 222 Deco-Tread with 90 lbs of Series 222C Chroma-Quartz and spread approximately 25 – 30 lin/ft

C. Base Coat: Series 241 Ultra-Tread MVT applied at 70 square feet per kit.
   1. Immediately broadcast Series 222C Chroma-Quartz to refusal into the wet Series 241 to achieve a textured surface.

D. Broadcast Coat: Series 222 Deco-Tread at 100 sqft/gal
   1. Immediately broadcast Series 222C Chroma-Quartz to refusal into the wet Series 222 to achieve a textured surface.

E. Grout Coat: Series 222 Deco-Tread 80 – 120 square feet per gallon.

F. Seal Coat: Series 222 Deco-Tread 80 – 120 square feet per gallon.

G. Finish Coat: Series 248 Everthane
   1. The finished appearance and texture will depend on the film thickness and number of coats applied. Mock-ups should be applied to determine the desired finish appearance and texture.

END OF SECTION 096723

DECORATIVE QUARTZ

SEAMLESS FLOORING FOR LASTING BEAUTY AND DURABILITY

Choosing an aesthetically pleasing floor is important, but flooring must also be durable enough to endure abuse from abrasion, impact, chemicals and frequent cleaning and scrubbing. In these situations, a decorative quartz system from Tnemec offers unmatched endurance and long-lasting visual appeal.

Series 222 Deco-Tread and Series 223 Deco-Trowel flooring products combine the strength of an epoxy resin with the beauty of multicolored ceramic quartz aggregate for a seamless, impact-resistant surface that is easy to maintain. These fluid-applied coatings help create a seamless transition from the floor to wall, protecting against cleaning solutions, chemicals and bacterial invasion and leaving no unsightly grout lines, seams or joints for water to penetrate and cause damage.

With Tnemec's quartz-filled floor coatings, a variety of finishes and textures are available and each system can be tailored for any environment, including pharmaceutical plants, laboratories, food and beverage processing facilities, hospital operating rooms, locker areas and school cafeterias.

DURABLE FLOOR, DEPENDABLE SERVICE

Contact your local Tnemec representative for help finding the right StrataShield flooring system to fit your needs. For more information or to schedule an evaluation of your facility, visit tnemec.com or call +1 816-483-3400.

DECORATIVE QUARTZ BENEFITS

- Seamless, monolithic surface
- Easily cleaned and maintained
- Superior aesthetics
- Extremely durable
- 100% solids epoxy and low odor
- Broadcast or mortar application

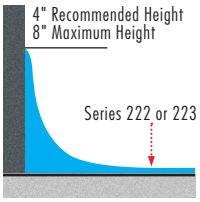
above: Humane Society - Lincoln, NE

AVAILABLE COLORS

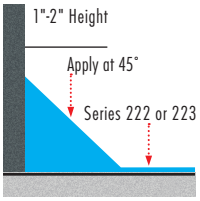
Choose from a range of standard and custom quartz color blends to create a unique floor for your environment. All color blends are available for both broadcast and mortar applications. Series 223 Deco-Trowel will exhibit a different texture and appearance than Series 222 Deco-Tread shown below.

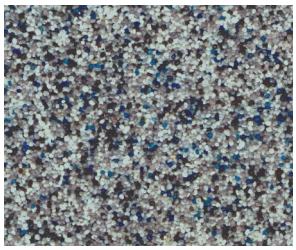
A seamless transition from the floor to the wall can be created by integrating either a cant or rolled radius cove into the existing wall, unlike rubber base materials.

ROLLED RADIUS COVE

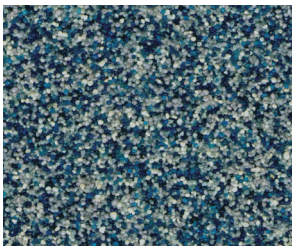


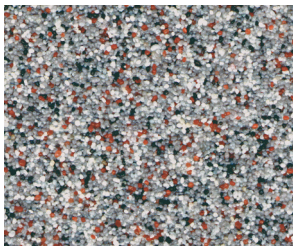
CANT COVE



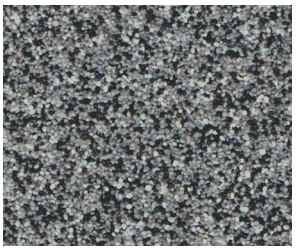

Q201

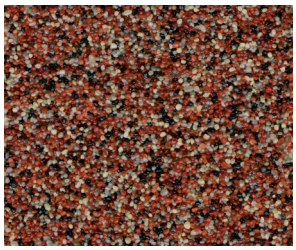

Q202

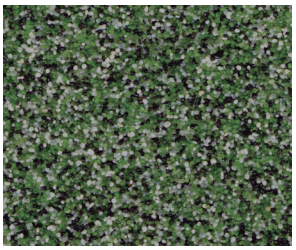

Q203

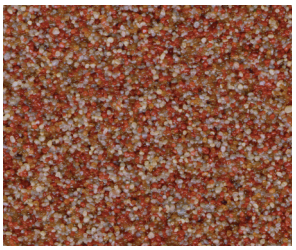

Q204


Q205


Q206


Q207


Q208


Q209


Q210


Q211


Q212

Note: Colors represented are photographic representations of actual standards and are intended for reference purposes only. These representations should not be used to finalize color selection(s). Please contact your local Tnemec coatings consultant for color accurate samples.

Tnemec Company, Inc. 6800 Corporate Drive Kansas City, Missouri, USA 64120-1372 +1 816-483-3400 tnemec.com

HAZTRAINER MULTI-NATIONAL INC. DBA
ENVIRONMENTAL ASSISTANCE GROUP
16835 ALGONQUIN ST. #412 HUNTINGTON BEACH CA 92649
PHONE: 949-237-1036 E-MAIL: COMPLY@HAZTRAINER.COM

REPORT
of
SAMPLING FOR ASBESTOS

Conducted at

ARROYO HIGH SCHOOL
CAFETERIA SERVING LINES
4921 N. CEDAR AVENUE
EL MONTE, CALIFORNIA 91732

Prepared for

NORMA MACIAS, DIRECTOR OF
FACILITIES, MAINTENANCE, OPERATIONS AND TRANSPORTATION
EL MONTE UNION HIGH SCHOOL DISTRICT
1003 N. DURFEE AVENUE
SOUTH EL MONTE, CALIFORNIA 91733

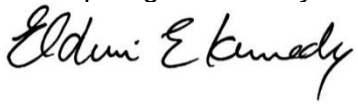
Prepared by

ENVIRONMENTAL ASSISTANCE GROUP
16835 Algonquin St. #412
Huntington Beach Ca 92649

Project Number: EHAC425

April 2025

Report generated by



Eldwin “Ed” Kennedy, CAC # 93-1429 CLP # 4092
President
Environmental Assistance Group

TABLE OF CONTENTS

I. EXECUTIVE SUMMARY

I. EXECUTIVE SUMMARY

INTRODUCTION

On April 1, 2025, Environmental Assistance Group (EAG) represented by Perry Robey and supervised by Ed Kennedy collected samples of suspected asbestos containing materials on the Cafeteria Serving Line at Arroyo High School. The investigation was requested by Mr. Tony Barrera, El Monte Union High School District. The sampling was requested because of needed flooring removal. Seven representative samples were collected from homogeneous materials in the buildings and analyzed for asbestos content.

METHOD

All samples were placed in containers and transported to a NVLAP, AIHA-LAP, DHS Certified and LLC Accredited, Lab ID #101629, SGS Forensic Laboratories in Carson California. Analyses for asbestos were accomplished by polarized light microscopy (PLM). A chain of custody was attached to the sample submittal sheet. After analysis, a report of analyses results was provided for inclusion in this report.

RESULTS

Seven samples, including 1’x1’ grey vinyl floor tile with mastic and 4” black vinyl base with mastic, were collected and analyzed for asbestos. The analyses showed that all the sampled materials were none detected (ND) for asbestos.

RECOMMENDATIONS

No special handling of materials identified as none detected (ND) is required due to the absence of asbestos.

II. ASBESTOS HOMOGENEOUS AREA FORM

HOMOGENOUS AREA/SAMPLING FORM
ASBESTOS

Page 1 of 1 CLIENT: EMUHSD

DATE: 4-1-25 SITE: ARROYO H.S. PROJECT # EHAC425

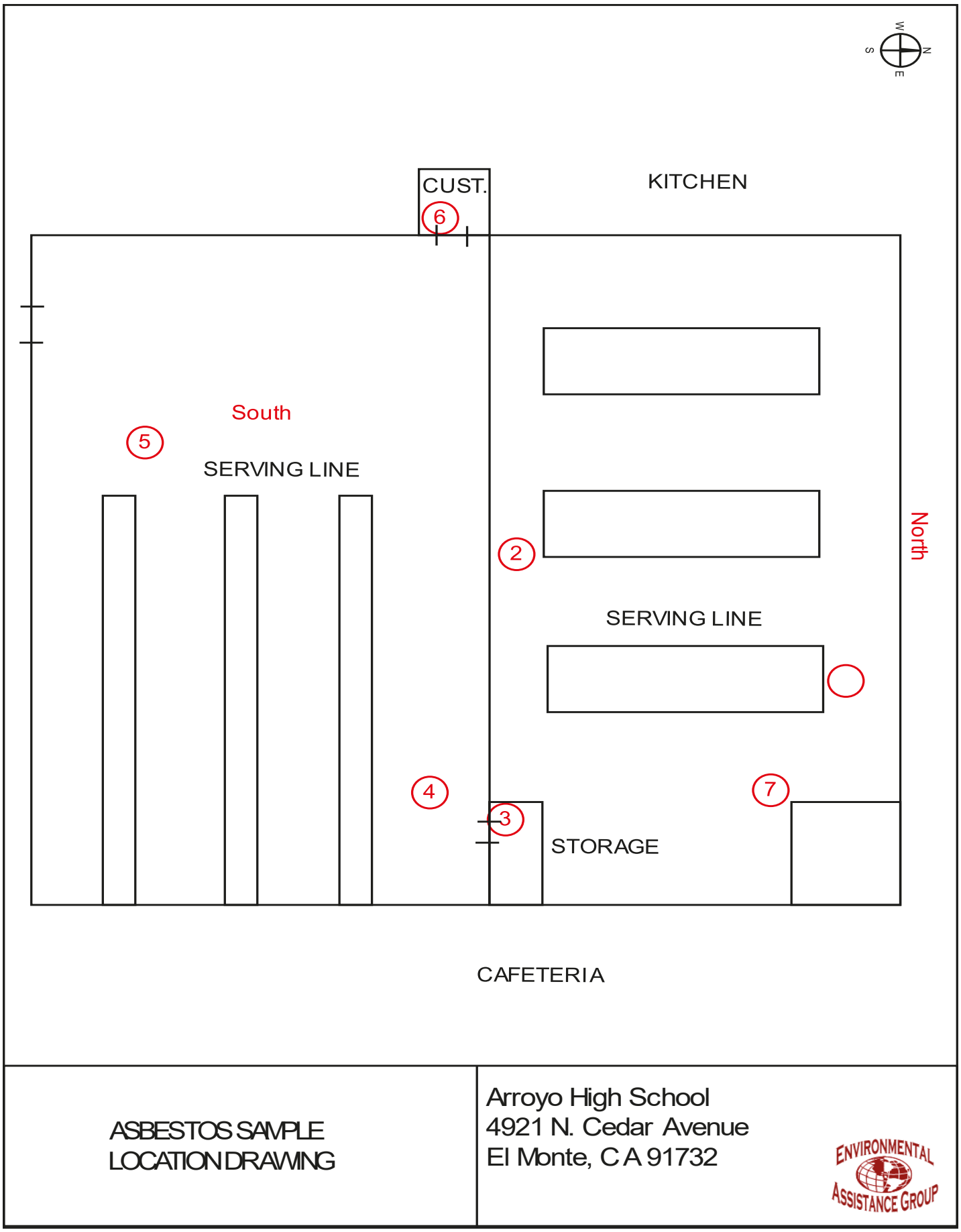
SAMPLED: 4-1-25 CAFETERIA SERVING LINE CSST #: 22-7026

INSPECTOR: Perry Robey Signature:

INSPECTOR: Eldwin Kennedy Signature: CERT/CAC #: 93-1249

HA	SAMPLE #	HOMOGENOUS MATERIAL	CONDI-TION	LOCATION/ SURFACE	BLDG/ SUITE	RM/#	SAMPLE LOCATION	AMT
1	EHAC425-1	1'x1' Grey vinyl floor tile with mastic	Damaged non-friable	On floor over concrete	Cafeteria	N. Serving Line	40' from N. wall 6' from E. wall	ND
1	EHAC425-2	1'x1' Grey vinyl floor tile with mastic	Damaged non-friable	On floor over concrete	Cafeteria	N. Serving Line	4' from S. wall 16' from E. wall	ND
1	EHAC425-3	1'x1' Grey vinyl floor tile with mastic	Damaged non-friable	On floor over concrete black mastic	Cafeteria	S. Serving Line Storage	Behind Door	ND
1	EHAC425-4	1'x1' Grey vinyl floor tile with mastic	Damaged non-friable	On floor over concrete black mastic	Cafeteria	S. serving Line	35' from N. wall 10' from E. wall	ND
1	EHAC425-5	1'x1' Grey vinyl floor tile with mastic	Damaged non-friable	On floor over concrete black mastic	Cafeteria	S. serving Line	1' from S. wall 10' from W. wall	ND
1	EHAC425-6	1'x1' Grey vinyl floor tile with mastic	Damaged non-friable	On floor over concrete black mastic	Cafeteria	S. Serving line cost Room	Behind Door	ND
2	EHAC425-7	4" Black vinyl base / mastic	Damaged non-friable	Bottom of wall		NTH. Serving Line	8' from S. wall on E. wall	ND

III. SAMPLE LOCATION DRAWING



ASBESTOS SAMPLE LOCATION DRAWING

Arroyo High School
4921 N. Cedar Avenue
El Monte, C A 91732

ENVIRONMENTAL ASSISTANCE GROUP

IV. ASBESTOS SAMPLING RESULT REPORT

Final Report

Bulk Asbestos Analysis

(EPA Method 40CFR, Part 763, Appendix E to Subpart E and EPA 600/R-93-116, Visual Area Estimation)
NVLAP Lab Code: 101459-1

Environmental Assistance Group
Ed Kennedy
16835 Algonquin St.
#412
Huntington Beach, CA 92649

Client ID: L1206
Report Number: B370416
Date Received: 04/01/25
Date Analyzed: 04/02/25
Date Printed: 04/02/25
First Reported: 04/02/25

Job ID/Site: EHAC425; Arroyo High School; Cafeteria Serving Lines

SGSFL Job ID: L1206
Total Samples Submitted: 7
Total Samples Analyzed: 7

Date(s) Collected: 04/01/2025

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
EHAC425 1	51846164						
Layer: Grey Tile			**ND**				
Layer: Black Mastic			**ND**				
Layer: Grey Non-Fibrous Material			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
EHAC425 2	51846165						
Layer: Grey Tile			**ND**				
Layer: Black Mastic			**ND**				
Layer: Grey Non-Fibrous Material			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
EHAC425 3	51846166						
Layer: Grey Tile			**ND**				
Layer: Black Mastic			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
EHAC425 4	51846167						
Layer: Grey Tile			**ND**				
Layer: Black Mastic			**ND**				
Layer: Grey Non-Fibrous Material			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
EHAC425 5	51846168						
Layer: Grey Tile			**ND**				
Layer: Black Mastic			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					
EHAC425 6	51846169						
Layer: Grey Tile			**ND**				
Layer: Black Mastic			**ND**				
Total Composite Values of Fibrous Components: Cellulose (Trace)		**Asbestos (ND)**					

20535 South Belshaw Avenue, Carson, CA 90746 | phone: 310.763.2374 / 800.813.9417 Fax: 310.763.4450 | https://www.sgs-ehsusa.com/

Report Number: B370416
Client Name: Environmental Assistance Group **Date Printed:** 04/02/25

Sample ID	Lab Number	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer	Asbestos Type	Percent in Layer
EHAC425 7	51846170						
Layer: Black Non-Fibrous Material			**ND**				
Layer: Beige Mastic with Debris			**ND**				
Total Composite Values of Fibrous Components:		**Asbestos (ND)**					
Cellulose (Trace)							

Vincent To, Laboratory Supervisor, Carson Laboratory

Note: Limit of Quantification ('LOQ') = 1%. 'Trace' denotes the presence of asbestos below the LOQ. 'ND' = 'None Detected'.

20535 South Belshaw Avenue, Carson, CA 90746 | phone: 310.763.2374 / 800.813.9417 Fax: 310.763.4450 | https://www.sgs-ehsusa.com/

SGS FORENSIC LABORATORIES

Analysis Request Form (COC)

Client Name & Address: Client No.: L1206

Environmental Assistance Group
16835 Algonquin Street #412
Huntington Beach CA. 92649

PO / Job#: EHAC425 1 day or 4 Date: 4-1-24

Turn Around Time: (Same Day) / 1Day / 2Day / 3Day / 4Day / 5Day

☐ PCM: ☐ NIOSH 7400A / ☐ NIOSH 7400B ☐ Rotometer

☒ PLM: ☒ Standard / ☐ Point Count 400 - 1000 / ☐ CARB 435

Contact: Ed Kennedy Phone: 661-304-8981

☐ TEM Air: ☐ AHERA / ☐ Yamate2 / ☐ NIOSH 7402
☐ TEM Bulk: ☐ Quantitative / ☐ Qualitative / ☐ Chatfield
☐ TEM Water: ☐ Potable / ☐ Non-Potable / ☐ Weight %
☐ TEM Dust: ☐ D5755 (microvac) / ☐ D6480 (wipe)

E-mail: comply@haztrainer.com

Site Name: Arroyo High School

☐ IAQ Particle Identification ☐ Opaques/Char (Wildfire)
☐ Limited Particle ID (Wildfire) ☐ Special Project

Site Location: Cafeteria Serving Lines

☐ Metals Analysis Matrix: Ghost Wipe Method: AA
Analytes: Lead

Comments:

☐ Silica in Air ☐ w/Gravimetry
☐ Quartz Only

Sample ID	Date / Time	Sample Location / Description	FOR AIR SAMPLES ONLY: Type (A P C)	Time On/Off	Avg LPM	Total Time	Sample Area / Air Volume
EHAC425 1	4-1-25		A P C				
2			A P C				
3			A P C				
4			A P C				
5			A P C				
6			A P C				
7			A P C				
			A P C				
			A P C				
			A P C				

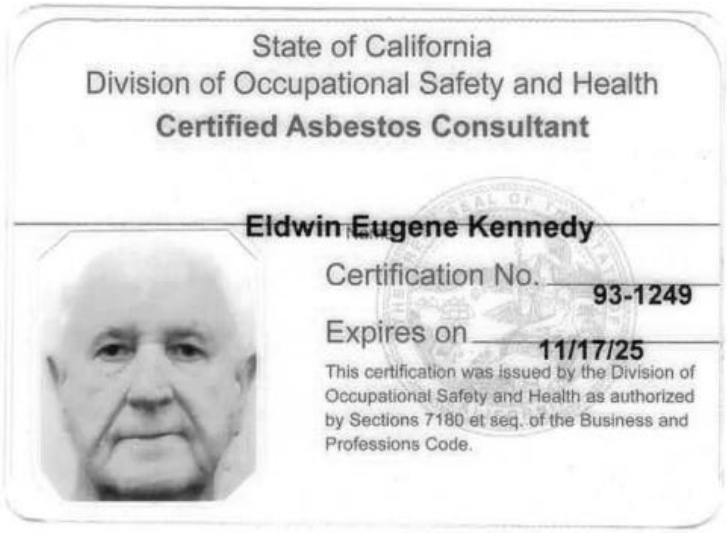
Sampled By: ~~Rena Belfrey~~ Ed Kennedy Date/Time: 4-1-25

Shipped Via: ☐ Fed Ex ☐ UPS ☐ US Mail ☐ Courier ☒ Drop Off ☐ Other:

Relinquished By:	Relinquished By:	Relinquished By:
~~Rena Belfrey~~ Ed Kennedy		
Date / Time: 4-1-25 1520	Date / Time:	Date / Time:
Received By: Gesta Lazar	Received By:	Received By:
Date / Time: 04/01/25 15:25 PM	Date / Time:	Date / Time:
Condition Acceptable? ☐ Yes ☐ No	Condition Acceptable? ☐ Yes ☐ No	Condition Acceptable? ☐ Yes ☐ No

V. INSPECTOR’S CERTIFICATIONS

V. INSPECTOR'S CERTIFICATIONS



State of California
Division of Occupational Safety and Health
Certified Asbestos Consultant

Eldwin Eugene Kennedy

Certification No. **93-1249**

Expires on **11/17/25**

This certification was issued by the Division of Occupational Safety and Health as authorized by Sections 7180 et seq. of the Business and Professions Code.

VI. DISCLAIMER/REPORT LIMITATIONS

VI. DISCLAIMER/REPORT LIMITATIONS

All reports and recommendations are based on conditions and practices observed and information made available to Environmental Assistance Group (EAG) by the client and the designated sites/facilities on the days the inspection was completed. This report does not purport to set forth all the hazards, or to indicate that other hazards do not exist. No responsibility is assumed by EAG for the control or correction of conditions or practices existing at the facilities, or at any other premises surveyed by EAG, for and on the behalf of the client. Services provided by EAG shall be governed by the standard of practice for professional services measured at the time those services are rendered.

All information contained in this report is proprietary and limited to the scope of services, parameters of the analytical methods used and the conditions present at the time of this inspection. Any references to quantities are considered estimates and are not to be construed as actual.