



TO: All Department Leadership **Date:** 7-12-2022
FROM: Kenneth J. Dalton, Sr. **D/RE4P B/601 P/10 Ext:** 2-3427
SUBJECT: ACTION - Distribution of "Asbestos Notification" Letter - Annual Update

State law requires LM Aero-Palmdale to notify employees of the presence of asbestos-containing construction materials (ACM) in their buildings and to provide information necessary to prevent release and exposure to asbestos. To ensure company compliance with legal requirements and to properly inform our employees, you must:

Review with every employee in your department the contents of the attached "Asbestos Notification" letter. Discussing the letter in your monthly safety meeting is suggested.

Post a copy of the "Asbestos Notification" letter with attached list of "Known...ACM" in your work area for employees to examine.

The list of "Known...ACM" includes LM Aero-Palmdale buildings with known asbestos-containing construction material. It includes areas where some asbestos may already have been removed, but may still be present in similar materials. Buildings are removed from this list if they have been demolished or if all known asbestos-containing construction materials were removed.

Your employees are expected to be familiar with the contents of the attached notification letter. Environment, Safety and Health (ESH) recommends that you document your employee notification.

If you have any questions, please contact ESH at extension 2-0787.

Kenneth J. Dalton, Sr.
Environment, Safety and Health Manager

KJD: la

CC: Kierah L. Leverton, Robert H. Plesich, Marcie McCain

Attachments

File SH 39



TO: All LM Aero-Palmdale Employees

Date: 7-12-2022

FROM: Kenneth J. Dalton, Sr. **D/RE4P** **B/601** **P/10** **Ext:** 2-3427

SUBJECT: ASBESTOS NOTIFICATION

WHAT IS THE ASBESTOS NOTIFICATION LAW?

The State of California requires employers, if they know asbestos is present in construction materials in their buildings, to inform employees working within these buildings of that fact. The law requires employers to notify new employees and distribute annual notices to all affected employees.

This letter, and the list of locations of "Known Asbestos-Containing Construction Material (ACM)" posted in your work area, includes information to assist you in minimizing or avoiding exposure to asbestos-containing construction materials.

WHAT IS ASBESTOS?

Asbestos is the name for a group of naturally occurring minerals that take the form of densely packed fine fibers. The fibers are heat and fire resistant and extremely durable. Because of these qualities, since the turn of the century asbestos was used extensively in building and other materials. Asbestos is still used in some products, but federal and state laws and regulations prohibit asbestos use in indoor construction materials.

WHAT ARE THE HAZARDS OF ASBESTOS?

Asbestos materials are grouped as *friable* or *non-friable*. *Friable asbestos* can be crushed into powder by hand pressure when it is dry (such as spray-on insulation), and can release airborne fibers. *Non-friable* asbestos is bound into other materials (such as old vinyl floor tile); fibers can only be released by cutting, grinding or sanding.

Asbestos is only dangerous if airborne fibers are inhaled or swallowed. Most asbestos fibers are microscopic and so not visible to the naked eye. When asbestos-containing construction materials are disturbed or damaged, tiny fibers can be released and then inhaled or sometimes swallowed. The asbestos fibers can become lodged in tissue. After many years these embedded fibers may cause:

- Mesothelioma - cancer of the lining of the lungs, chest, or abdominal cavities
- Asbestosis - scarring of the lung tissue or lung lining which reduces lung function and makes breathing difficult
- Lung and other cancers

If asbestos-containing materials are not damaged or disturbed, then fibers cannot be inhaled or swallowed and asbestos-related diseases cannot occur.

WHAT KINDS OF BUILDING MATERIALS MAY CONTAIN ASBESTOS?

Asbestos is often found in:

- Roofing and siding materials
- Wall and ceiling materials
- Flooring materials
- Pipe and boiler insulation materials

Attached to this IDC is a more detailed list showing the kinds of building materials that often contain asbestos.

Special laboratory techniques are needed to accurately determine if materials contain asbestos. Therefore, you should be very cautious around any of these materials because of the potential that they may contain asbestos.

WHAT IS THE LIST OF "KNOWN ASBESTOS-CONTAINING CONSTRUCTION MATERIAL (ACM)"?

Several surveys over the years have identified asbestos in certain types of construction materials at LM Aero-Palmdale (including Palmdale, Helendale, Rye Canyon and Buellton). Environment, Safety and Health has compiled this survey information, including the location and type of asbestos-containing material, into the list of "Known Asbestos-Containing Construction Material (ACM)". Buildings are removed from this list if they have been demolished or if all known asbestos-containing construction materials were removed. **The list of "Known...ACM" is posted in every work area. Contact your department manager if you are unsure where the list is posted, or if you would like a copy of the list.**

To protect your health, assume that if a type of asbestos-containing material (for example, pipe lagging, floor tile, etc.) is on the list for a building, then all materials of that type in the building contain asbestos, unless otherwise noted.

WHAT MEASURES CAN I TAKE TO PROTECT AGAINST ASBESTOS EXPOSURE?

Undisturbed and undamaged asbestos-containing materials normally pose no threat to your health. However, when fibers become airborne, through aging, deterioration, or damage to asbestos-containing materials, asbestos may cause lung cancer and other diseases. That is why it is so important for you and your co-workers to know where asbestos-containing construction materials are located and to avoid any actions which might release fibers into the air, such as drilling, boring, cutting, or sanding.

You can prevent exposure to asbestos in building materials by observing the following rules:

PAY ATTENTION TO SIGNS - You can reduce the possibility of exposure to asbestos in building materials by paying attention to the posted warnings that say:

DANGER - ASBESTOS
Cancer and Lung Disease Hazard
Do Not Disturb Building Materials
Without Proper Training and Equipment

Law requires these signs be posted when construction or other activity takes place and asbestos-containing materials may be disturbed.

NOTIFY ENVIRONMENT, SAFETY & HEALTH (ESH): Call Environment, Safety and Health at (661) 572-0787 if you have questions or want to report activities suspected of releasing asbestos.

DO NOT HANDLE: Most importantly, if you suspect that you have found some asbestos, do not handle it yourself. Do not bore, sand, plane, saw, scrape, sweep, vacuum, pick up or otherwise disturb the material. Call ESH immediately for assistance.

WHERE CAN I GET MORE INFORMATION?

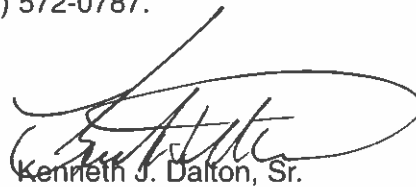
Frequently Asked Questions (FAQ):

- **Q:** "I know asbestos samples were collected in my area, but I don't see my building/area on this notification letter, why is that?"
A: If a building and/or area are not on the "Known Asbestos-Containing Construction Material (ACM)" list, the result from the analyzed sample indicates the material does not contain asbestos.
- **Q:** "My building was on the "Known ACM" list in the past, why don't I see it on the list again this year?"
A: If a building/area has been removed from the "Known ACM list", this means all Asbestos-Containing Construction Material was removed or the building no longer is occupied by LM employees.

On Asbestos Survey Results:

Past notices, data from actual survey results, description of laboratory procedures, procedures for the removal and handling of asbestos, standards for the workplace, and other asbestos compliance information are available in the ESH office located in B/601.

If you have any questions, please call ESH at (661) 572-0787.



Kenneth J. Dalton, Sr.
Environment, Safety and Health Manager

KJD: la

CC: Kierah L. Leverton, Robert H. Plesich, Marcie McCain

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WHAT KINDS OF BUILDING MATERIALS MAY CONTAIN ASBESTOS?

Product	Location	% Asbestos	Date of Use	Binder	Friable/ Nonfriable	How fibers can be released
Roofing & Siding						
Roofing felts	Flat, built-up roofs	10-15	1910 – present	Asphalt	Nonfriable	Replacement, repairing, demolishing
Roof felt shingles	Roofs	1	1971 – 1974	Asphalt	Friable	Replacing, demolishing
Roofing shingles	Roofs	20 - 32	? -present	Portland cement	Nonfriable	Replacing, repairing, demolishing
Roofing tiles	Roofs	20 - 30	1930 – present	Portland cement	Nonfriable	Replacing, repairing, demolishing
Siding shingles	Siding	12 - 14	? -present	Portland cement	Nonfriable	Replacing, repairing, demolishing
Clapboards	Siding	12 - 15	1944 – 1945	Portland cement	Nonfriable	Replacing, repairing, demolishing
Walls & Ceilings						
Spray coating	Ceilings, walls, and steelwork	1 – 95	1935 – 1978	Portland cement, sodium silicate, organic binders	Friable	Water damage, deterioration, impact
Troweled coating	Ceilings, walls	1 – 95	1936 – 1978	Portland cement, sodium silicate	Friable	Water damage, deterioration, impact
Asbestos cement sheet	Near heat sources such as fireplaces, boilers	20 - 50	1930 – present	Portland cement	Nonfriable	Cutting, sanding, scraping
Spackle	Walls, ceilings	3 – 5	1930 - 1978	Starch, casein, synthetic resins	Friable	Cutting, sanding, scraping
Joint compounds	Walls, ceilings	3 – 5	1945 - 1977	Asphalt	Friable	Cutting, sanding, scraping
Textured paints	Walls, ceilings	4 - 15	? - 1978		Friable	Cutting, sanding, scraping
Millboard, roolboard	Walls, commercial buildings	80 - 85	1925 - ?	Starch, lime, clay	Friable	Cutting, demolition
Vinyl wallpaper	Walls	6 - 8	?		Nonfriable	Removal, sanding, dry scraping, cutting
Insulation board	Walls	30	?	Silicates	Friable	Removal, sanding, dry scraping, cutting
Floors						
Vinyl asbestos tile	Floors	21	1950 – 1980?	Poly (vinyl) chloride	Nonfriable	Removal, sanding, dry scraping, cutting
Asphalt asbestos tiles	Floors	26 - 33	1920 – 1980?	Asphalt	Nonfriable	Removal, sanding, dry scraping, cutting
Resilient sheet flooring	Floors	30	1950 – 1980?	Dry oils	Nonfriable	Removal, sanding, dry scraping, cutting
Mastic adhesive	Sheet flooring and tile backing	5 - 25	1945 – 1980?	Asphalt	Friable	Removal, sanding, dry scraping, cutting
Pipes and Boilers						
Cement pipe and fittings	Water and sewer mains	20 - ?	1935 - present	Portland cement	Nonfriable	Demolition, cutting, removing
Block insulation	Boilers	6 - 15	1890 - 1978	Magnesium carbonate, calcium silicates	Friable	Damage, cutting, deterioration
Corrugated asbestos paper	Pipes, high and moderate temp.	90 35 – 70	1935 – 1980? 1910 – 1980?	Sodium silicate, starch	Friable	Damage, cutting, deterioration
Paper tape	Furnace, steam valves, flanges, electrical wiring	80	1901 – 1980?	Polymers, starches silicates	Friable	Tearing, deterioration
Putty (mudding)	Plumbing joints	20 - 100	1900 - 1973	Clay	Friable	Water damage, cutting, deterioration

LM AERO - PALMDALE
KNOWN ASBESTOS-CONTAINING CONSTRUCTION MATERIAL (ACM)
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ID#	PLANT	BLDG	PROCESS/LOCATION	TYPE OF ACM 1	TYPE OF ACM 2	TYPE OF ACM 3
2259	10		FLIGHT LINE	BLAST FENCE, CANVAS		
4819	10		NW RAPTOR WAY WEST LOOP	PIPE TRANSITE - GRAY		
2192	B4	210	3RD FLOOR LAB	WALL-SHEETROCK		
2580	B4	210	ROOM 136	VINYL FLOOR TILE		
2614	B4	210	210 ROOF	ROLLED ROOF SHEETING		
2642	B4	210	HALLWAY, 3RD FLOOR	BROWN FLOOR TILE, MASTIC	LIGHT BR FL TILE, MASTIC	
2751	B4	210	N HANGAR DOOR, EYEBROW, COL D15	INSULATION		
2801	B4	210	RM 306A LITTON LAB	DRYWALL SEAM TAPE		
2883	B4	210	CAFETERIA DOOR	DOOR INTERIOR INSULATION		
2987	B4	210	B/210 ROOM 124 A & B	TAN GLUE		
2995	B4	210	PAT'S OFFICE BY ROOM 208	PIPE INSULATION		
3040	B4	210	B210 HIGHBAY LIGHTS	GRAY WIRE INSULATION	BLACK WIRE INSULATION	
3088	B4	210	THIRD FLOOR RADIO LAB	TAN VINYL FLOOR TILE		
3095	B4	210	EYEBROW ROOM 225	BROWN VINYL FLOOR TILE		
4124	B4	210	SAFE RELOCATION	WHITE FIBROUS INNER LINING		
4143	B4	210	RAYTHEON AREA	GRAY-BROWN VINYL TILE	BROWN VINYL TILE	
4148	B4	210	RAYTHEON AREA	WHITE HALLWAY INSULATION		
4261	B4	210	B/210 ROOF	ROLLED ROOFING CORE COMPOSITE - SILVER/BLACK	ROOF PATCH PENETRATION MASTIC - SILVER/BLACK	PLATFORM PENETRATION MASTIC - SILVER/BLACK
4286	B4	210	B/210 ROOF	PENETRATION MASTIC - SILVER/BLACK		
4287	B4	210	B/210 ROOF	ROOF COMPOSITE - SILVER/BLACK	HVAC MASTIC COMPOSITE - SILVER/BLACK	
4381	B4	210	KITCHEN/DINING ROOM	BASEBOARD MASTIC - BROWN	JOINT COMPOUND - WHITE	DRYWALL - WHITE
4576	B4	210	PILOT EQUIPMENT SHOP	LEVELING COMPOUND UNDER CARPET - TAN	MASTIC BEHIND 6" BASEBOARD - BROWN/BLACK	
4644	B4	210	1ST FLOOR, ROOM 136	GREY TILE		
4646	B4	210	3RD FLOOR, ROOM 203	BROWN BASEBOARD	9" x 9" BROWN FLOOR TILE	
4646	B4	210	3RD FLOOR, ROOM 215 - HALLWAY	9" x 9" BROWN FLOOR TILE		
4678	B4	210	SUBSTATION 10	CIRCUIT BREAKER - GREY		
4689	B4	210	2ND FLOOR, ROOM 225	TAN FLOOR TILE	BLACK BASEBOARD	BROWN/WHITE BASEBOARD MASTIC
4691	B4	210	2ND FLOOR, ROOM 218	BASECOVE MASTIC - BROWN/BLACK/YELLOW	9" x 9" BROWN FLOOR TILE	
4692	B4	210	3RD FLOOR, ROOM 211U	9" x 9" BROWN FLOOR TILE		
4694	B4	210	2ND FLOOR BOILER	6" PIPE INSULATION - GRAY/WHITE	15" PIPE INSULATION - WHITE	
4732	B4	210	2ND FLOOR HALLWAY	9" VINYL FLOOR TILE AND MASTIC - BEIGE		
4733	B4	210	3RD FLOOR, ROOM 308	9" VINYL FLOOR TILE AND MASTIC - BROWN/BEIGE		
4734	B4	210	2ND FLOOR, ROOM 203	WALL PLASTER FIBROUS MATERIAL - WHITE		
4809	B4	210	3RD FLOOR, ROOMS 304 AND 306	BASEBOARD MASTIC - GREY	BASEBOARD MASTIC - BROWN	JOINT COMPOUND - TAN/BEIGE
4820	B4	210	3RD FLOOR, NORTH WALL	WINDOWPUTTY - WHITE/GRAY	WINDOW TO BLDG PUTTY/CAULKING - WHITE/GRAY	
4345	B4	211	SUBSTATION 3	BREAKER MATERIAL - GREY		
4346	B4	211	SUBSTATION 11	SHIELD MATERIAL - TAN		
4321	B4	212	SOUTH ROOM AND EXTERIOR WINDOWS	WINDOW PUTTY - BROWN/TAN		
2312	B4	221	EAST WALL COPY ROOM	DRYWALL JOINT COMPOUND		
2581	B4	221	SECURITY OFFICE CORRIDOR	VINYL FLOOR TILE		
3328	B4	221	PARKING LOT NEAR B/221 GUARD	TRANSITE PIPE/CONDUIT		
4366	B4	221	GUARD STATION	FLOOR TILE MASTIC - BLACK	JOINT COMPOUND - WHITE	
4329	B4	232	B/232 EXTERIOR	TRANSITE PIPE - GREY		
4679	10	600	ROOM 400	12" FLOOR TILE UNDER CARPET - TAN	MASTIC - TAN	
1245	10	601	DAMAGED PIPELAGGING E. TUNNEL	PIPE LAGGING		
1429	10	601	EAST TUNNEL DEBRIS	PIPE LAGGING		
1921	10	601	CARPENTERS SHOP - HALLWAY	BEAM/CEILING INSULATION		
1923	10	601	PRODUCTION ASSEMBLY-TANK FARM	PIPE LAGGING/FLOOR DEBRIS	PIPE LAGGING/2" PIPE	PIPE LAGGING/WEST LAGGING
2013	10	601	CARPENTER'S AREA	SPRAY-ON CEILING MATERIAL		
2057	10	601	VAULT #9	INSULATION		
2181	10	601	NE AREA, 3RD FLOOR, DOOR	DOOR INSULATION		
2191	10	601	ROOM 327	FLOOR TILE	WIRE INSULATION, LIGHT FIXTURE	
2224	10	601	GENERATOR ROOM (#351)	PIPE LAGGING ELBOW		
2225	10	601	4TH FLOOR, W SIDE OF SE CORNER	BROWN TILE AND MASTIC		
2228	10	601	FIRST FLOOR, ROOM 121	DOOR INSULATION		
2243	10	601	4TH FLOOR SOUTHWEST SIDE	INSULATION		
2244	10	601	STEAM PIT OUTSIDE NORTH	INSULATION		
2245	10	601	DOORS 1ST FLOOR N. SIDE	INSULATION		
2262	10	601	3RD FLOOR SOUTH, EAST WALL	DRYWALL SEAM TAPE		
2266	10	601	3RD FL NW MENS RESTROOM	FIRE DOOR		
2274	10	601	2ND FL WEST OF SE ELEVATOR	DRYWALL JOINT COMPOUND	PLASTER WALL MATERIAL	FIREPROOFING
2277	10	601	2ND FL NEXT TO SW ELEVATOR	JOINT COMPOUND		
2286	10	601	3RD FL SOUTH W OF E ELEVATOR	FIRE DOOR CORE		

To best protect your health, you should assume if a type of asbestos-containing material is listed for the building where you work, then ALL materials of that type in your building contain asbestos, unless otherwise noted.

LM AERO - PALMDALE
KNOWN ASBESTOS-CONTAINING CONSTRUCTION MATERIAL (ACM)
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ID#	PLANT	BLDG	PROCESS/LOCATION	TYPE OF ACM 1	TYPE OF ACM 2	TYPE OF ACM 3
2291	10	601	3RD FLOOR SOUTH EAST END	FLOOR TILE		
2294	10	601	SOUTHWEST ROLLUP DOOR	DRYWALL JOINT COMPOUND		
2329	10	601	ROOM 204	DRYWALL (SURFACE LAYER)	JOINT COMPOUND	
2330	10	601	ROOM 429-1 (NORTH)	VINYL FLOOR TILE	FLOOR TILE MASTIC	
2332	10	601	ROOM 206	FLOOR TILE WITH MASTIC		
2381	10	601	CONFERENCE ROOM (#263)	FLOOR TILE		
2641	10	601	B/601 EAST FOYER	FLOOR TILE		
2829	10	601	SECURITY OFFICE/STORAGE AREA	FLOOR TILE AND MASTIC		
2963	10	601	CIDF SECURITY ROOM	TAN FLOOR TILE MASTIC		
2976	10	601	SE TUNNEL NEAR ELEVATOR	CEILING TILE		
2994	10	601	CATWALK SW DOOR	FIRE DOOR		
3151	10	601	601 N SIDE WEST OF ROOM 321	GREEN SPECKLED FLOOR TILE		
3152	10	601	3RD FLOOR CORRIDOR NO. RM 319	12" GREEN/TAN SPEC FLR TILE		
3242	10	601	ROOM 118 CENTER ROOM	TAN SPECK FLOOR TILE	BLACK MASTIC FROM TILE	
3244	10	601	NEW (FUTURE) MODEL SHOP	OH LIGHTS WIRE INSULATION		
3286	10	601	ROOM 406 FEED WIRE TO LIGHTS	WIRE INSULATION - LIGHTS		
3489	10	601	B/601 ROOM 100-1	TAN SPECK 12" FLOOR TILE	BLACK MASTIC	
3493	10	601	ROOM 320 FLOOR	12" BEIGE FLOOR TILE	BLACK MASTIC	
4001	10	601	B/601 ROOM 102	WHITE WALL JOINT COMPOUND	BEIGE FLOOR TILE	
4016	10	601	ROOMS 330, 332, 334 AND 348	FLOOR TILE MASTIC	VINYL FLOOR TILE	WALL JOINT COMPOUND
4096	10	601	B/601 A, TUNNEL ENTRANCE	BULK INSULATION - WHITE		
4119	10	601	B/601 ROOM 131	12" FLOOR TILE - NORTHEAST	12" FLOOR TILE MASTIC - NE	
4122	10	601	WELLNESS CENTER	WHITE THICK WIRE		
4262	10	601	B/601 3RD FLOOR CONFERENCE ROOM	FLOOR TILE MASTIC - BLACK	FLOOR TILE - TAN/BLACK	
4263	10	601	B/601 ROOM 406	FLOOR TILE MASTIC - BLACK	12" FLOOR TILE - TAN	
4354	10	601	B/601 ROOM 418A	FLOOR TILE MASTIC - BLACK	12" x 12" FLOOR TILE - TAN	
4355	10	601	B/601 ROOM 406M	FLOOR TILE MASTIC - BLACK	BASEBOARD MASTIC - BROWN	JOINT COMPOUND - TAN/WHITE
4355	10	601	B/601 ROOM 406M	CEILING TILE MASTIC - BROWN	12" x 12" FLOOR TILE - TAN	
4361	10	601	B/601 ROOM 308	FLOOR TILE MASTIC - BLACK	12" x 12" FLOOR TILE - BROWN	
4363	10	601	B/601 ROOM 324M	FLOOR TILE MASTIC - BLACK	12" x 12" FLOOR TILE - BROWN	JOINT COMPOUND/TAPE - TAN
4363	10	601	B/601 ROOM 324M	DRYWALL - WHITE		
4416	10	601	B/601 ROOM 300A	JOINT COMPOUND - TAN/WHITE		
4417	10	601	B/601 ROOM 300B	FLOOR TILE MASTIC - BLACK	12" X 12" FLOOR TILE - GREEN/TAN	
4418	10	601	B/601 ROOM 300C	12" X 12" FLOOR TILE - GREEN/TAN	FLOOR TILE MASTIC - BLACK	
4419	10	601	B/601 ROOM 304	BASEBOARD MASTIC - TAN/BROWN		
4420	10	601	B/601 ROOM 306	BASEBOARD MASTIC - TAN/BROWN		
4421	10	601	B/601 ROOM306A	JOINT COMPOUND - TAN/WHITE		
4422	10	601	B/601 CORRIDOR OUTSIDE RM 304-306	FLOOR TILE MASTIC - BLACK	JOINT COMPOUND - TAN/WHITE	12" X 12" FLOOR TILE - GREEN/TAN
4422	10	601	B/601 CORRIDOR OUTSIDE RM 304-306	DRYWALL - TAN/WHITE		
4423	10	601	B/601 ROOM 414	12" X 12" FLOOR TILE - TAN	FLOOR TILE MASTIC - BLACK	BASECOVE MASTIC - TAN
4424	10	601	B/601 ROOM 408	BASECOVE MASTIC - TAN/BROWN	FLOOR TILE MASTIC - BLACK	12" X 12" FLOOR TILE - TAN
4425	10	601	B/601 ROOM 418C	BASECOVE MASTIC - TAN/BROWN	FLOOR TILE MASTIC - BLACK	12" X 12" FLOOR TILE - TAN
4425	10	601	B/601 ROOM 418C	JOINT COMPOUND - WHITE/TAN		
4426	10	601	B/601 ROOM 328 CDIF	JOINT COMPOUND - WHITE	CEILING TILE MASTIC - BROWN	
4427	10	601	B/601 ROOM 424	JOINT COMPOUND - WHITE		
4428	10	601	B/601 ROOM 426	JOINT COMPOUND - WHITE		
4429	10	601	B/601 SOUTHWEST MEZZANINE	JOINT COMPOUND - GREY/WHITE		
4465	10	601	BASEMENT ELEVATOR LOBBY	JOINT COMPOUND - TAN		
4466	10	601	1ST FLOOR ELEVATOR LOBBY	JOINT COMPOUND - TAN	WALLBOARD - TAN	
4467	10	601	2ND FLOOR ELEVATOR LOBBY	JOINT COMPOUND - TAN		
4468	10	601	4TH FLOOR ELEVATOR LOBBY	JOINT COMPOUND - TAN		
4516	10	601	NORTHWEST MEZZANINE	JOINT COMPOUND - TAN/WHITE		
4535	10	601	NORTH CATWALK	6" PIPE ELBOW INSULATION		
4536	10	601	3RD FLOOR ROOM 300	JOINT COMPOUND - NORTH WALL	JOINT COMPOUND - SOUTH WALL	
4537	10	601	3RD FLOOR ROOM 302	JOINT COMPOUND		
4540	10	601	3RD FLOOR ROOM 300 HALLWAY	JOINT COMPOUND		
4548	10	601	MEZZANINE - ROOM M19	FLOOR TILE MASTIC - BLACK	WALL JOINT COMPOUND - BEIGE/WHITE	12" X 12" VINYL FLOOR TILE - BEIGE
4586	10	601	2ND FLOOR ROOM 216	SOUTH WALL JOINT COMPOUND - OFFWHITE		
4587	10	601	2ND FLOOR ROOM 220	SOUTH WALL JOINT COMPOUND - OFFWHITE		
4588	10	601	2ND FLOOR ROOM 224	SOUTH WALL JOINT COMPOUND - OFFWHITE		
4589	10	601	2ND FLOOR ROOM 230	SOUTH WALL JOINT COMPOUND - OFFWHITE		
4590	10	601	2ND FLOOR ROOM 232	SOUTH WALL JOINT COMPOUND - OFFWHITE		
4591	10	601	2ND FLOOR ROOM 234	SOUTH WALL JOINT COMPOUND - OFFWHITE		

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ID#	PLANT	BLDG	PROCESS/LOCATION	TYPE OF ACM 1	TYPE OF ACM 2	TYPE OF ACM 3
4592	10	601	BASEMENT NORTH SIDE	CEMENT TRANSITE PANEL - GREY		
4629	10	601	BASEMENT SUBSTATION	GYPSUM BOARD INSULATION - BEIGE/GREY		
4630	10	601	3RD FLOOR ROOM 313	JOINT COMPOUND - BEIGE		
4632	10	601	4TH FLOOR ROOMS 400, 400A AND HALLWAY	JOINT COMPOUND - WHITE		
4681	10	601	2ND FLOOR, WOMEN'S RESTROOM - SOUTH	JOINT COMPOUND - OFFWHITE		
4682	10	601	1ST FLOOR, ROOM 106	JOINT COMPOUND - OFFWHITE		
4693	10	601	2ND FLOOR HALLWAY	12" FLOOR TILE - BEIGE	FLOOR TILE MASTIC - BLACK/YELLOW	BASEBOARD AND CARPET MASTIC - BEIGE/BLACK
4698	10	601	4TH FLOOR	WOOD PANEL JOINT COMPOUND - WHITE	JOINT COMPOUND - BEIGE	
4811	10	601	2ND FLOOR 2F JANITOR CLOSET	JOINT COMPOUND - WHITE	FLOOR TILE - BEIGE	
4818	10	601	1ST FLOOR JANITOR CLOSET	FLOOR TILE - TAN	FLOOR TILE MASTIC - BLACK	
5033	10	601	ROOF - WEST, SOUTH AND SOUTHWEST	ROOF CAPSHEET - BLACK	ROOF PATCH - DARK GREY	ROOF MASTIC - BLACK
2051	10	602	BASEMENT VAULT	TRANSITE		
2236	10	602	STEAM PIT EAST END	INSULATION		
2237	10	602	STEAM PIT OUTSIDE EAST	INSULATION		
2253	10	602	STEAM PIT EAST SIDE	PIPE LAGGING		
2260	10	602	4TH FLOOR BATHROOM	PIPE INSULATION		
2264	10	602	EQUIPMENT ROOM	STEAM LINE INSULATION	CHILL LINE INSULATION	
2273	10	602	MENS ROOM ENTRY 3RD FLOOR	BEIGE FLOOR TILE/MASTIC		
2284	10	602	CONFERENCE ROOM WEST CORNER	TAN AND GRAY FLOOR TILE		
2295	10	602	1ST FLOOR	SPECKLED FLOOR TILE	MASTIC/RAISED FLOOR	
2296	10	602	1ST FLOOR COMPUTER ROOM	DRYWALL MUD/TAPE		
2316	10	602	RM 305 P211 ENGINEERING	FLOOR TILE		
2317	10	602	1ST FL W STAIRWELL	LEFT FIRE DOOR	RIGHT FIRE DOOR	FIRE DOOR
2331	10	602	ADJACENT TO GUARD STATION	12" TILE, CORRIDOR	TILE MASTIC, CORRIDOR	
2387	10	602	ROOMS 409, 411	JOINT COMPOUND		
2563	10	602	UTILITY ROOM	PIPE LAGGING		
2964	10	602	ROOM 417	FLOOR TILE AND MASTIC		
2981	10	602	ROOM 213 CONFERENCE ROOM	FLOOR TILE AND MASTIC		
3097	10	602	ROOM 103 OFFICE CORNER	BEIGE VINYL FLOOR TILE		
4077	10	602	B/602 ROOF TOP	ELBOW CANVAS JACKETS		
4118	10	602	JANITOR ROOM AND RESTROOMS	JOINT COMPOUND - CEILING		
4130	10	602	B/602, 1ST FLOOR CORRIDOR	BLACK MASTIC		
4311	10	602	5TH FLOOR MECHANICAL ROOM	4" PIPE INSULATION HARD ELBOW - WHITE	8" PIPE INSULATION HARD ELBOW - WHITE	12" PIPE INSULATION HARD ELBOW - WHITE
4311	10	602	5TH FLOOR MECHANICAL ROOM	DUCT MASTIC - BROWN	JOINT COMPOUND - TAN	
4328	10	602	1ST FLOOR, ROOM 112	CERAMIC TILE MASTIC - BLACK		
4459	10	602	1ST FLOOR ROOM 130A	JOINT COMPOUND - WHITE INTERIOR		
4459	10	602	1ST FLOOR ROOM 130C	12" X 12" FLOOR TILE BLACK MASTIC UNDER CARPET		
4497	10	602	4TH FLOOR ROOM 423	FLOOR TILE - OFF WHITE	MASTIC - BLACK	
4519	10	602	4TH FLOOR ROOM 402	JOINT COMPOUND - OFF WHITE		
4573	10	602	1ST FLOOR ROOM 110 AND 117	FLOOR TILE MASTIC - BLACK/YELLOW		
4574	10	602	2ND FLOOR ROOM 217	FLOOR TILE MASTIC - BLACK	WALL SHEET ROCK - WHITE	WALL SHEET ROCK - TAN
4575	10	602	4TH FLOOR ROOM 402 TELEPHONE AREA	JOINT COMPOUND - BEIGE		
4627	10	602	2ND FLOOR ROOM 221	FLOOR TILE - TAN	MASTIC USED ON FLOOR TILE - BLACK	
4683	10	602	1ST FLOOR, ROOM141	TSI PIPE ELBOW - WHITE		
4699	10	602	1 THROUGH 4 FLOOR ELEVATOR LOBBIES	JOINT COMPOUND - BEIGE		
4701	10	602	5TH FLOOR MEZZANINE	JOINT COMPOUND - WHITE		
4810	10	602	1ST FLOOR ROOM 103	JOINT COMPOUND ROOM 103A - WHITE	12" BY 12" FLOOR TILE ROOM 103F - TAN/BEIGE	12" BY 12" FLOOR TILE MASTIC ROOM 103F - BLACK
1915	10	603	EDISON PLANT	CHILLER UNIT CONDUIT		
1916	10	603	EDISON PLANT	PIPE LAGGING		
1957	10	603	SO. CA. EDISON-BOILER ROOM	CANVAS JACKETING-DEBRIS		
2455	10	603	CHILLER UNDERGROUND PIPE	INSULATION		
3512	10	603	603 VAULT EDISON PLANT	PIPE INSULATION		
4593	10	603	INTERIOR AND EXTERIOR OF BUILDING	ELECTRICAL INSULATION - BEIGE		
4594	10	603	IN GROUND ELECTRICAL PIPING	ELECTRICAL LINE PIPING - BEIGE		
4645	10	603	OFFICE AREA	FLOOR TILE - GREY	MASTIC - BLACK	
4814	10	603	CONTROL ROOM	FLOORBOARD JOINT COMPOUND - BEIGE	FLOOR TILE MASTIC - BLACK	FLOOR TILE - GREEN
4814	10	603	CONTROL ROOM	DRYWALL JOINT COMPOUND 1 - WHITE		
2265	10	604	CORRIDOR OUTSIDE RESTROOMS	BEIGE FLOOR TILE/MASTIC		
2281	10	604	MENS RESTROOM, WALL	JOINT COMPOUND		
2319	10	604	MAINTENANCE SHOP	OFF WHITE FLOOR TILE		
2311	10	605	OFFICE TRAILER	12" FLOOR TILE		
4380	10	605	STORAGE YARD	INSULATION - GREY	INSULATION - GREY/TAN	
4628	10	605	CIRCUIT BREAKER	CEMENT-LIKE INSULATION - GREY		

To best protect your health, you should assume if a type of asbestos-containing material is listed for the building where you work, then ALL materials of that type in your building contain asbestos, unless otherwise noted.

LM AERO - PALMDALE
KNOWN ASBESTOS-CONTAINING CONSTRUCTION MATERIAL (ACM)
Thursday - July 16, 2022

ID#	PLANT	BLDG	PROCESS/LOCATION	TYPE OF ACM 1	TYPE OF ACM 2	TYPE OF ACM 3
3199	10	607	STEAM PIT BY ROADWAY	STEAM PIPE INSULATION		
4697	10	607	OUTSIDE - SOUTH OF BUILDING	2" PIPE INSULATION - BROWN	PIPELINE FIBROUS INSULATION - BEIGE	
4700	10	607	OUTSIDE - SOUTH OF BUILDING	8" PIPELINE INSULATION - TAN/RED		
2054	10	608	BASEMENT WITH END 2" FITTING	INSULATION		
2258	10	608	EAST SIDE STEAM PIT	PIPE LAGGING		
4688	10	608	OUTSIDE B/608 EAST SIDE	PIPE INSULATION		
4789	10	608	OUTSIDE B/608 EAST SIDE	PIPE INSULATION - GRAY		
3452	10	609	SW CORNER OUTSIDE B/609	PIPE ELBOW INSULATION		
1428	10	610	CEILING TILE	CEILING TILE		
2238	10	610	STEAM PIT OUTSIDE S EAST	INSULATION		
2239	10	610	STEAM PIT OUTSIDE N EAST	INSULATION		
2241	10	610	STEAM PIT OUTSIDE	INSULATION		
2254	10	610	CEILING TILE, GANTRY	CEILING TILE		
4128	10	610	B/610 HANGAR	CEILING PANEL		
4131	10	610	B/610 CORRIDOR	BLACK FLOOR TILE MASTIC	BROWN WALL JOINT COMPOUND	YELLOW FLOOR TILE MASTIC
4496	10	610	SE CORNER - OUTSIDE	20" PIPE INSULATION - GREY		
5005	10	610	1ST FLOOR MEN'S RESTROOM	CEILING JOINT COMPOUND - WHITE		
2456	10	612	ROOM 109	FLOOR TILE		
2528	10	612	ROOM 117	DRYWALL		
4631	10	612	SECURITY FORCE OFFICE	JOINT COMPOUND - BEIGE	MASTIC - 4" BROWN BASEBOARD -WHITE & BROWN	
4631	10	612	WEST HALL AND RESTROOMS	JOINT COMPOUND - BEIGE	MASTIC - 4" BROWN BASEBOARD -WHITE & BROWN	MASTIC - 12"X12" CEILING TILE - BROWN
4631	10	612	WEST HALL AND RESTROOMS	12"X12" TAN FLOOR TILE - BEIGE	MASTIC - 12"X12" TAN FLOOR TILE - BLACK	
4631	10	612	MAIN HALL	JOINT COMPOUND - BEIGE	MASTIC - 4" BROWN BASEBOARD -WHITE & BROWN	
4631	10	612	ROOM 117	JOINT COMPOUND - BEIGE		
4631	10	612	UNIFORM ROOM	JOINT COMPOUND - BEIGE	PIPE WRAP CLOTH - BEIGE	TSI PIPE INSULATION - BEIGE
4631	10	612	ROOM 110	MASTIC - 4" BROWN BASEBOARD -WHITE & BROWN		
2242	10	616	STEAM PIT OUTSIDE SOUTH	INSULATION		
2318	10	617	GARAGE SW CORNER	OLD FLOOR TILE		
4683	10	620	1ST FLOOR	MASTIC FROM FLOOR TILE - BLACK/YELLOW		
2223	10	623	OFFICE BAY	DOOR INSULATION		
4310	10	623	OFFICE BAY	FLOOR TILE - TAN	FLOOR TILE MASTIC - BLACK	
2249	10	625	UNDERGROUND PIPING	TRANSITE PIPE		
2060	10	629	PIPE LAGGING	PIPE LAGGING		
2386	10	633	FLIGHT LINE OUTSIDE	EQUIPMENT INSULATION	EQUIPMENT INSULATOR CONNECTOR	
4347	10	633	WORK AREA	FLOOR TILE MASTIC - BLACK		
4677	10	635	ROOM 234	JOINT COMPOUND		
4157	10	636	B/636, ROOM U113	BLACK FLOOR TILE MASTIC		
4160	10	636	B/636, ROOM U113	YELLOW/BLACK FLOOR TILE MASTIC		
4808	10	645	SE CORNER OUTSIDE	PIPE INSULATION - BLACK		
5006	10	645	SOUTH SIDE OUTSIDE OF BUILDING	12" DOMESTIC WATER TRANSITE PIPE - GRAY		
4696	10	648	OUTSIDE GROUND (REMOVED)	12" HORIZONTAL PIPELINE WRAP - GRAY/BLACK		
4695	10	651	HEAT OVEN AREA	OVEN DOOR ROPE GASKET - GRAY/WHITE	OVEN DOOR ROPE GASKET - BEIGE	
2287	10	655	S. TRAILER FRONT ROOM & KITCHEN AREA	BROWN FLOOR TILE	BLACK MASTIC	BROWN MASTIC
2288	10	655	NORTH ENTRY	FLOOR TILE MASTIC		
2343	10	655	ROOF OF TRAILER	ROOFING MATERIAL		
2562	10	669	SALVAGE SALES OFFICE	GRAY FLOOR TILE		
2205	B4	758	1ST FLOOR MAIN OFFICE	WALL-SHEETROCK		
4098	B4	758	B/758 ROOF WEST SIDE	ORIGINAL ROOF - SILVER/BLACK	BLACK PENETRATION MASTIC	
2206	B4	759	1ST FLOOR OFFICE	WALL-SHEETROCK		
2808	10	601B	UNDERGROUND CHILL WATER LINE	PIPE LAGGING		
2232	10	602N	OUTDOOR STEAM PIT, NE	STEAM LINE INSULATION		
2233	10	602N	4TH FL FLOOR TILE & UNDERGROUND PIPE	FLOOR TILE	PIPE INSULATION	
2263	B4	FLL	FL "SHACK" SITE 2	FLOOR TILE		
2547	10	OFF	MESSENGER PEAK	LINOLEUM (BACKING)		
3017	9	913	PIT 3	HOIST BRAKE PAD		
3018	9	912	PIT 2	MOTOR BRAKE PAD		