

WHITE LEAD PROMOTION PRDS

LEAD INDUSTRIES ASSOCIATION

Graybar Building, 420 Lexington Avenue

New York, N. Y.

October 21, 1964.

To Members Supporting the White Land Promotion Program

Subject: Survey of Political Practices of
Administrations, Counties and
States.

Area Covered: Parts of Texas, New Mexico,
Oklahoma, Missouri, Indiana,
Washington, Oregon and
California.

As opportunity arises in their travels, our field representatives have been making a survey of the painting practices of municipalities, counties and states, for we believe that the government market is one where white lead is peculiarly well fitted to serve. The attached report is the first record to be distributed. It only includes the cities on the routes covered in parts of the south, southwest and Pacific Coast. It will be followed by reports from other sections.

One conclusion that may be drawn from the report is the general absence of paint specifications in the smaller towns and counties and even in larger centers. Our field men comment on the fine reception they were usually accorded and the desire most officials had for further enlightenment on paints and painting.

This office has been supplying copies of our book WHAT TO EXPECT FROM WHITE LEAD PAINT to all officials interviewed with a follow-up letter and, where requested, have furnished brief white lead specifications, as per copy attached.

Very truly yours,

Book 04.07.

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LIIA

City, County and State Offices	Have Minimum Specifi- cations		Use White Lead		Use Mixed Paint		REMARKS
	IN	LY	Ext.	Int.	Ext.	Int.	
<u>State of Texas</u>	X		X	X (60%)	X	X (60%)	C. G. Wickham, Bridge Eng. Highway Department, and Harvey Dean, Asst. Eng. Houston, Tex. State Highway specifica- tions call for red lead on the first two coats. Mixed paint brands may differ every year. Any brand that meets the requirements is accepted.
<u>Houston, Tex.</u>		X			X	X	J. F. Furberville, Pur. Agent J. A. McKenna, Bridge Eng. Bridges are painted ac- cording to State Highway specifications. Mildew- proof paints are commonly used here. There are some hydrogen sulphide gases in the air around Houston. Occasionally the complaint is made that white lead blackens from the effect of these gases.
<u>Houston, Tex.</u> <u>(SCHOOLS)</u>		X		X	X	X	C. F. Burns, Superintendent of Main- tenance, City School Board. They have recently been using lead and lead mixing oil on interiors. The results have been very satisfactory.

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LIIII

City, County and State Offices	Have Minimum Specifi- cations ON NO.	Use WHITE Lead		Use Mixed Paint		REMARKS
		Exl.	Inl.	Exl.	Inl.	
<u>Harrison County,</u> <u>Texas</u>	X			X	X	E.J. LaBroom, Purchasing Agent. Euge V.H. Rapp, County Engineer. A.S. Pann, Instructor in Arch. Rice University, Houston, Tex. Climatized paints used in general. Sometimes white lead is used as an undercoat. Several departments are using a titanium zinc paint, because white lead is blackened by hydrogen sulphide gases.
<u>Victoria County,</u> <u>Texas</u>	X			X		A.J. Hickey, County Auditor, Victoria, Texas. The small quantities of paint used here are bought from local merchants.
<u>Corpus Christi, Tex.</u>	X	X			X	Clyde E. Simpson, Pub. Agent. Mildew is quite a problem along the Coast. By formulating lead and oil to bring on early chalking, engineers here have overcome this to a large extent.
<u>McAllen, Texas</u>	X			X	X	W. F. Krichera, Superintendent of Streets and Parks. Interested particularly in the control of mildew and method suggested by us of using lead and oil highly pigmented in the final coat.
<u>McAllen, Texas</u> <u>(SCHOOLS)</u>	X			X	X	John H. Gregory, Supt. of Schools The advice of local paint com- panies who recommend their mixed paint is followed.

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TEXAS

City, County and State Offices	Have Minimum Specifi- cations		Use White Lead		Use Mixed Paint		REMARKS
	128	20	201	141	201	141	
<u>Charlton, Tex.</u>		X			X	X	J.A. Hamilton, City Secretary. Use oxide primer on metal.
<u>Charlton County, Texas</u>	X				X	X	P. L. Haroon, County Auditor, Climate paint (mildew- proof) are used quite extensively through this area.
<u>Frederick, Texas</u>		X			X	X	City Engineer. Red lead used on metal work.
<u>Frederick, Texas. (SCHOOL)</u>	X				X	X	Gay B. Dean, Superintendent of Schools. Specification calls for two or three standard high quality mixed paints or equal.
<u>San Antonio, Tex.</u>		X			X	X	E.J.M. Borg, Superintendent, Sewage Treatment Plant. J. Briggs, City Engineer. Steel work is primed with red lead. Every department uses a different paint and frequently changes the brand. The City is in rather a poor condition politically at present. The in- dividuals contacted seemed more worried about their jobs than about quality paint specifica- tions. However, much promotion could be done here on all de- partments, excepting city schools.

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TABLE

City, County and State Offices	Have Minimum Specifi- cations		Use White Lead		Use Mixed Paint		REMARKS
	Int.	Ext.	Ext.	Int.	Ext.	Int.	
<u>San Antonio, Tex.</u> (SCHOOLS)	X		X	X			C. O. Hill, Supt. of Buildings. Lead and oil on all work, except a few interior wall surfaces. This contract had tried practically every paint on the local market before he switched over to lead. Completely satisfied now.
<u>Victoria, Tex.</u>	X		X		X		R. F. Mills, City Engineer. Steel work painted with red lead.
<u>Victoria, Tex.</u> (SCHOOLS)		X			X	X	Robert Melcheyser, Superintendent of Maintenance. Much interested in the white lead program of maintenance. Desired literature and Lead Industries Association specifi- fications.
<u>San County, Tex.</u>	X				X		A. C. Blackburn, County Engineer. Use State Highway specifications on steel bridges.
<u>San County, Tex.</u> (SCHOOLS)		X			X	X	Lloyd Wylie, County School Supt. Interested in features of a white lead maintenance program for recommendation to school boards.
<u>Reville, Tex.</u> (SCHOOLS)	X				X	X	Robert Marshall, Supt. of Schools. The Junior High School is to be painted soon, using the specifi- cations drawn up by a local paint company (mixed paint).
<u>San Marcos, Tex.</u>		X			X	X	C. R. Ramsey, Mayor of San Marcos Small amounts of painting are done by local contract.

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TEXAS

City, County and State Offices	Have Minimum Specifi- cations		Use White Lead		Use Mixed Paint		REMARKS
	IN	NO	Yes	No	Yes	No	
Ears County, Tex. (SCHOOLS)		X					Miss Belle Schmidt, County Superintendent of Schools Painting practice varies ac- cording to individuals on school board.
Fort Worth, Tex.		X	X		X	X	C. Nelson, Purchasing Agent. Most work is done by contract. This was said that there were many paint salesmen around but never any lead salesmen.
(In New County, Tex.)		X			X		James V.A. Donally (In Charge of Buildings) Painting on roads is done according to State Highway Specifications.
Greene County, Tex. (SCHOOLS)		X					Randolph O'Brien, Supt. of Schools Each school purchases their own paint to their own specifi- cations. The Superintendent is interested in having some standard specification he could use for recommendation.
Houston, Tex. (SCHOOLS)		X			X	X	C. H. Solomon, Supt. of Schools This Superintendent said that he believed white lead to be superior to mixed paint, but that his paint dealer had always switched him over to a mixed paint. He didn't realize he could get white lead in the same store he was buying his mixed paint.

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TEXAS

City, County and State Offices	Have Minimum Specifi- cations Oil Sol.		Use White Lead Ext. Int.		Use Mixed Paint Ext. Int.		REMARKS
<u>Wichita, Tex.</u>		X	X			X	L. Densley, City Engineer. PCA paint specifications on the new City Hall and County Court House. Otherwise, not much painting done.
<u>Washington County, Tex.</u> (SCHOOLS)		X			X	X	M. H. Shurt, Superintendent County Schools. Despite the fact that this com- tact had been buying paint from a local store carrying white lead, he didn't know where he could get it without having it shipped in. Planned to use white lead definitely on next painting job.
<u>Dade, Tex.</u> (SCHOOLS)		X			X	X	R. L. Clayton, Asst. County Eng. Red lead is used on all steel work. Cassin on interiors.
<u>Wichita, Tex.</u> (SCHOOLS)		X	X		X	X	J. E. Burnett, Supt. of Schools. Has tried both mixed paints and lead and oil. Believes lead and oil gives the best service if it is properly formulated.
<u>Wichita County, Tex.</u>		X			X	X	Judge W. Scott, County Judge. This is a poor county. Little paint is being used. Steel bridges are never painted.

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TEXAS

City, County and State Offices	Have Minimum Specifications		Use White Lead		Use Mixed Paint		REMARKS
	Min.	Max.	Min.	Max.	Min.	Max.	
Tyler, Tex.		X			X	X	J. P. Ferriman, City Engineer. Small paint requirements.
Tyler, Tex. (SCHOOLS)		X			X	X	J. T. Shelton, Building Eng. Tyler City Schools. Had trouble with casein paints. Now switching to flat mixed oil paints.
Smith County, Tex. (SCHOOLS)		X			X	X	E. S. Broulter, Supt. of Schools. Has been partial to mixed paint in recommendation to various school boards. Now interested in white lead program.
Paris, Tex.		X	X	X			J. M. Cook, Mayor All lead and oil with small percentage of zinc oxide in finish coat.
Paris, Tex. (SCHOOLS)		X			X	X	A. H. Chamness, Supt. of Schools Good results with mixed paints. However, he is interested in going over the Lead Industries Association specifications and brochure on white lead.
Lamar County, Tex. (SCHOOLS)		X			X	X	J. O. Brunson, Supt. of Schools Not interested in the paint question until he realized we were not selling a brand. Requested literature and specifications

LEADS

City, County and State Offices	Have Minimum Specifi- cations Yes No		Use White Lead Yes No		Use Mixed Paint Yes No		REMARKS
<u>Fort Worth, Tex.</u>		X			X	X	V.O. Jones, City Engineer. G.L. Cline, Purchasing Agent Practically all the city officials talked to preferred lead and oil, both from the standpoint of the quality of the paint and ease of pur- chasing, but politics and other factors kept mixed paint in the picture. Interested in Lead Industries Association specifications and hoped they would reinstate lead.
<u>Fort Worth, Tex.</u> (SCHOOL)		X	X			X	H. F. Harrison, Dir. of Maintenance City School, Fort Worth, Tex. A. E. Smith, County School Supt. All outside painting is lead and oil with 10 per cent zinc oxide added to the finish coat. They have just recently switched from mixed paints to lead and oil and are thoroughly satis- fied with the change.
<u>Tarrant County, Tex.</u>		X			X	X	V. L. Bell, County Pub. Agent Each department specifies its own paint. Mainly mixed paints.
<u>Tarrant County, Tex.</u> (SCHOOL)		X	X	X			This department is trying to centralize all paint purchas- ing. Interested in receiving Lead Industries Association white lead specifications. They prefer lead and oil because it is the standard paint - - they always know what they are getting.
<u>Mineral Wells, Tex.</u>		X			X	X	B. V. Burton, City Engineer. Alcoa white cement paint is used on cement and brick. Metal on bridge rails painted directly with aluminum.

TEXAS

City, County and State Offices	Have Minimum Specifi- cations Yes No		Use White Lead Ext. Int.		Use Mixed Paint Ext. Int.		REMARKS
Mineral Wells, Tex. (SCHOOLS)		X				X	W.A. Ross, Supt. of Schools The bleachers for the foot- ball field were painted last year with white lead on all parts, including the seats. So far not chalking.
Dallas, Tex.		X			X	X	J.L. Harper, Purchasing Agent Little control of paint pur- chases here. The Pur- chasing Agent just checks requisitions for price. Business must be spread around among the local concerns.
Dallas, Tex. (SCHOOLS)	X				X	X	V.E. Press, Supt. of Maintenance, School Board. Up to a few years ago they used white lead. Claims it was blackened in certain parts of the city, so now they use a leadless paint (Tit.-Em0).
Dallas County, Tex.		X			X	X	D. A. Phillips, Pur. Agent. Used to buy under specifi- cations but paint require- ments became so small, they gave them up. Now they just buy nationally advertised brands.
Dallas County, Tex. (SCHOOLS)		X			X	X	Joe P. Harris, Supt. of Schools This department doesn't use white lead because they have felt that their inexperienced painters could not mix it up properly. They are very in- terested in simplified white lead mixing chart. Mr. Harris has always preferred lead and believes he will go back to it now.

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TEXAS

City, County and State Offices	Have Minimum Specifi- cations		Use White Lead		Use Mixed Paint		REMARKS
	YES	NO	Ext.	Int.	Ext.	Int.	
Exlar County, Tex. (SCHOOLS)		X					C.S. Clift, County Supt. of Schools, Amarillo, Tex. Each school handles its own painting. The Superintendent felt it was important that the county have standard specifi- cations that could be recom- mended to individual school boards.
Wichita Falls, Tex.	X		X		X	X	F.M. Bagaley, City Engineer. They follow state highway specifications on all their work. On large paint orders, a sample is tested by a private laboratory before acceptance of the shipment.
Wichita Falls, Tex. (SCHOOLS)		X	X	X	X	X	J. B. McJell, Business Manager, City Schools, 1126 Holliday, Wichita Falls, Tex. Use both lead and oil and mixed paints. Interested in knowing more about white lead.
Wichita County, Tex.		X			X	X	Judge E.W. Fillmore, County Judge Believed that standard specifi- cations were needed in his county Asked for five sets of Lead In- dustries Association specifi- cations so that he could take it up with the County Commissioner.
Wichita County, Tex. (SCHOOLS)		X					J.B. Golden, Supt. of Schools. Each school handles its own purchasing. The superintendent was interested in standard specifications to use in recom- mending to various school boards.

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City, County and State Offices	Have Minimum Specifi- cations Yes No	Use White Lead		Use Mixed Paint		REMARKS
		Yes	No	Yes	No	
Abilene, Tex. (SCHOOLS)	X			X	X	Mr. Doolley, Supt. of Schools Not interested in learning anything more about paint or in purchasing under specification.
Taylor County, Tex. (SCHOOLS)	X			X	X	Sam McGhee, County Supt. of Schools, Abilene, Tex. Mainly mixed paint. They occasionally use some lead and oil.
Taylor County, Tex.	X			X	X	E.O. Francisco, County Eng. Follow State Highway specifications on steel painting.
Brownwood, Tex. (SCHOOLS)	X			X	X	E.J. Brownwood, Supt. Schools, c/o Brownwood High School, Have used a number of brands of mixed paint in the last few years, all bought on competitive bid- ding without close check on quality of paint re- ceived.
Brown County, Tex. (SCHOOLS)	X					Mr. Pierce, County Supt. of Schools, Brownwood, Tex. Now man in the Superin- tendent's position. Was desirous of learning more or subject of paint through Lead Industries Association literature and specifi- cations. Superintendent sometimes recommends the paint to be used.

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City, County and State Offices	Have Minimum Specifications		Use White Lead		Use Mixed Paint		REMARKS
	YES	NO	Ext.	Int.	Ext.	Int.	
Tom Green County, Tex. (SCHOOLS)		X					Frank M. Jackson, County Supt. of Schools. Each county school handles its own painting, but they frequently come to the Superintendent for recommendations. He is interested in learning more about paint. Sent him white lead brochure and Lead Industries Association white lead specifications.
Howard County, Texas		X			X	X	Judge Charles Sullivan. Paint (ready-mixed) bought in small quantities. Not much money here - - little painting has been done in the last few years.
Big Spring, Tex. (SCHOOLS)		X			X	X	Edward Detertine, Business Manager, City Schools. Mainly interior painting. Use ready-mixed flat wall paints.
Midland, Texas (SCHOOLS)		X			X	X	P. V. Leakey, City Supt. of Schools Practically all painting is done by contract.
Lubbock, Texas (SCHOOLS)		X	X	X			A. C. Jackson, Business Manager, Independent School System, 1007 Texas Avenue, Lubbock, Texas. Use lead and oil throughout.

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LIIIAI

City, County and State Offices	Have Minimum Specifi- cations		Use White Lead		Use Mixed Paint		REMARKS
	Min	Max	Min	Max	Min	Max	
<u>Amarillo, Tex.</u> <u>(SCHOOLS)</u>		X	X	X			S. H. Waddill, Asst. Mgr., City Schools, County Court House, Amarillo, Tex. Recently con- verted to lead & oil program. Interested in our specifications.
<u>Donalson, Tex.</u>		X			X	X	A. H. Brummecke, City Engineer. Small paint requirements. Paint is bought in gallon lots from the local lumber dealer.
<u>Donalson, Tex.</u> <u>(SCHOOLS)</u>		X			X	X	B. McDaniel, Supt. of Schools R. A. Sowers, Custodian of Buildings and Grounds. Use mixed paint entirely. However, the Superintendent is an old white lead man and would like to use it in present work, but friends of school board members force the use of their mixed paints. Hoped he could get white lead specifications established.
<u>Lawson, Tex.</u>		X			X	X	F. L. Bertschler, Supt. of Parks, Do not use white lead because they feel that if the local brands used fail, they will have a come-back. Also complaints on hydrogen sul- phide blackening of white lead.
<u>Jefferson County, Texas</u>		X			X	X	G. B. Doyle, Supt. of Schools. Local brand and eliminated paints used.

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REMARKS

City, County and State Offices	Have Minimum Specifi- cations		Use White Lead		Use Mixed Paint		REMARKS
	Oil	Oil	Ext.	Int.	Ext.	Int.	
Marshall, N.M.		X	X	X			Lee Rowland, City Engineer Interested in getting accurate white lead specifications. Sent the Lead Industries As- sociation specifications.
Marshall, N.M. (SCHOOLS)		X			X	X	J.B. Shankley, Supt. of Schools All school painting is done through a local merchant. This man was surprised to learn how much he could save on white lead paint. He is considering using white lead and oil accord- ing to Lead Industries Associ- ation specifications on next job.
Chaves County, N.M. (SCHOOLS)		X			X	X	R.M. Cockson, County Superintendent of Schools. Just becoming aware of the value of high quality paint specifi- cations. Desired Lead In- dustries Association specifi- cations and is particularly in- terested in the properties of flat interior lead and oil.
Doña Ana County, N.M. (SCHOOLS)		X	X			X	J.D. Waters, Asst. County Supt. of Schools. Use white lead on all exterior work because it has proven to be the lowest priced high quality paint they could buy. However, they were not familiar with lead and lead mixing or reducing oil for interiors and requested the L.I.A. specifications on this type of white lead paint.

REF. 111100

City, County and State Offices	Have Minimum Specifi- cations Yes No	Use White Lead		Use Mixed Paint		REMARKS
		Ext.	Int.	Ext.	Int.	
Las Cruces, N.M.	X			X	X	C.H. Biddle, City Engineer. The city plans to build a new city hall within the year. The City Engineer was interested in obtaining a good paint specification for this job and reacted favorably towards using a white lead program throughout.
Las Cruces, N.M. (SCHOOLS)	X			X	X	C.B. Conley, Supt., City Schools and County High School. The Superintendent has been experimenting for a number of years on mixed paints and is tired of paying up to \$4. a gallon for it. Was interested in the low-cost and low-maintenance features of a white lead program and particularly in the durability of interiors finished with white lead paint.
STATE OF NEW MEXICO	X					J.V. Rhea, Purchasing Dept., Highway Department, Albuquerque, N.M. The State of New Mexico has no centralized purchasing department. Specifications and purchasing of material is left up to each individual department. Consequently painting practices in the State vary greatly. The Highway Department has its own testing laboratory and specifications on road marking paints. Bridges are mainly concrete and left unpainted. Each public school does its own purchasing without any

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NEW MEXICO

City, County and State Offices	Have Minimum Specifi- cations Yes No		Use White Lead Yes No		Use Mixed Paint Yes No		REMARKS
Albuquerque, N.M. (SCHOOLS)		X			X	X	W.E. Little, Business Manager City Schools, Board of Education, 221 West Lead Avenue, Albuquerque, N.M. Had some trouble in the past with a contract job where the painters mixed up their own paint. The Superintendent believed it was difficult to mix white lead and oil. With this point cleared up, he showed renewed interest in white lead and plans to use lead and oil on the next job in accordance with Lead Industries Association white lead specifications.

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OKLAHOMA

City, County and State Offices	Have Minimum Specifi- cations		Use White Lead		Use Mixed Paint		REMARKS
	Yes	No	Ext.	Int.	Ext.	Int.	
<u>STATE OF OKLAHOMA</u>	X		X	X	X	X	C.A. Stadt, State Engineer. The State Department has a number of specifications to meet different requirements. Outside, white and light tints are mainly lead-zinc base paints with a minimum of 80 per cent white lead. No figures available on percentage of each type of paint purchased.
<u>Oklahoma City, Okla.</u>		X			X	X	Mr. Carnahan, Asst. City Eng. Bill Damon, Asst. Supt. of Parks. This city is in rather a political mess. Public is indifferent, therefore, there is little demand that city buildings be kept up with quality paints. With a new administration coming into office shortly, there should be a good market here for white lead paint.
<u>Tulsa, Okla.</u>		X			X	X	Chas. Bloom, Supt. of Maintenance. The Board of Education had so many paint salesmen making various claims that they decided to build their own test fence. Result: lead and oil spread 17 per cent further than average paints used and had the best re-paint surface after two years. Believe they are sold on white lead now.
<u>Lawtonville, Okla.</u>		X	X			X	Wes Taylor, City Manager. Mainly lead and oil used here, except for occasional interior jobs done with ready mixed paint.

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MISSOURI

City, County and State Offices	Have Minimum Specifi- cations Yes No		Use White Lead Ext. Int.		Use Mixed Paint Ext. Int.		REMARKS
Kansas City, Mo.	x		x	x			Wm. J. Seely, Commissioner of Purchases and Supplies. 75 per cent of all paint purchases for Kansas City call for white lead and oil. There is a central purchasing office through which all these purchases are made.
Jackson County, Mo.	x		x	x			M. L. Spear, Purchasing Agt White lead and oil and red lead make up 80 per cent of the paint purchases.

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INDIANA

City, County and State Offices	Have Minimum Paint Specifi- cations Oil No		Use White Lead		Use Mixed Paint		REMARKS
			Yes	No	Yes	No	
STATE OF INDIANA	X				X	X	L.L. Hoedler, Purchasing Agent. The State manufactures a large percentage of its paint at the State Reformatory at Pendleton, Ind. They have several white paint formulas more or less similar to Federal specifications.
Indianapolis, Ind.	X				X	X	Albert H. Louche, Purchasing Agent. Follow Federal speci- fications on most jobs. Use mixed paints manu- factured locally.
Indianapolis, Ind. (SCHOOLS)	X		X	X			H. C. Anderson. 90 per cent of paint bought is white lead and oil. The rest are specialties.

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WASHINGTON

City, County and State Offices	Have Minimum Specifi- cations		Use White Lead		Use Mixed Paint		REMARKS
	Yes	No	Yes	No	Yes	No	
State of Washington	X		X	X	X	X	Paint purchasing is all centralized in one office. Each department specifies grade and type of paint desired. Highway Department specifications lean heavily to white lead and red lead in practically all applications. White lead with lead mixing oil type vehicle is steadily gaining in favor and use in the various state departments. State purchases approximately 60,000 lbs. of white lead per year. A. Courtwright, Purchasing Dept., Bureau of Finance, Olympia.
Seattle, Wash. (CITY)		X	X	X	X	X	White lead is being used in this city almost exclusively and with great success. Have been purchasing white lead by brand name up until now but desire to have our specifications for future purchasing. White lead specifications and brochure sent them. H.C. Troll, Paint Buyer, Purchasing Dept., Seattle, Wash.
Seattle, Wash. (SCHOOLS)		X	X		X		S. Rich, Pur. Agt., A.O. Christianson, Dept. of Maintenance, City Schools. Completely sold on white lead for exteriors, but can't see value of white lead for interiors, and was not able to convince him. It was suggested that a demonstration of white lead and flat wall paint be run for this department by a lead salesman. All Seattle schools at 80 per cent of county schools purchase through this department.
Klick County, Wash. (SCHOOLS)		X	X		X		Miss H.O. Buchanan, County Dept. of Schools, Seattle, Wash. Has no control over paint purchases or specifications. However, 80 per cent of schools purchase through Seattle City School Administration. (See Seattle City Schools.)

TABLE 1
PAINTING

City, County and State Offices	Have Minimum Specifi- cations Yes No		Use White Lead No/Yes		Use Mixed Paint No/Yes		REMARKS
Tacoma, Wash. (CITY)	X			X		X	Exterior painting requirements are small except for several steel structures. These are painted according to State Highway specifications (red lead). Particularly interested in properties of white lead for interior work. C.B. Furgbaker, City Engineer, Tacoma, Wash.
Tacoma, Wash. (SCHOOLS)		X	X	X		X	Exterior work is all white lead with small percentage of zinc oxide added. Interior trim painted with white lead, walls with calcimine. Interested in white lead painting specifications for interiors. (Lead lining or reducing oil) C. B. Furgbaker, City Engineer, Tacoma, Wash.
Pierce County, Washington	X			X			E.A. White, County Eng., Tacoma. Steel bridges painted according to State Highway specifications.
Pierce County, Washington (SCHOOLS)		X					This office has no control over paint purchases. The Superintendent of Schools admitted that a general paint specification for county schools was very necessary. This Superintendent is running for the position of State Superintendent in 1940. If she is elected, she intends to set up a State Bureau of Standards to pass on all materials used on county schools. Interested in a white lead program of maintenance for exteriors and interiors. Requests a set of Lead Industries Association white lead specifications. Mrs. Louise Taylor, County Supt. of Schools, Tacoma, Wash.
Pierce County, Washington (County Health Department)		X					Explained properties of interior white lead paint, stressing sanitary aspects of a highly durable and valuable surface. This Department is frequently asked for painting specifications but have always felt that no brand name could be mentioned. However, they say that they may be able to recommend L.T.A.

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WASHINGTON

City, County and State Offices	Have Minimum Specifi- cations Pb. MQ		Use White Lead Ext. Int.		Use Mixed Paint Ext. Int.		REMARKS
Pierce County, Washington (County Health Department)		X					Explained properties of Interior white lead paint, stressing sanitary aspects of a highly durable and washable surface. This department is frequently asked for painting specifications, but have always felt that no brand name could be mentioned. However, they say that they may be able to recommend Lead Industries Association white lead specifications as they mention no one company's product. Has sent white lead specifications and a brochure. U.S. Dept. of Health, County Health Dept., Tacoma.

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OR 2008

City, County and State Offices	Have Minimum Specifi- cations Yes No		Use White Lead Yes-Ind.		Use Mixed Paint Yes-Ind.		REMARKS
Portland, Oregon		X			X	X	Lee A. Deurhoever, Pur. Agent Majority of paint used is for street marking and enameling of signs. All purchasing is done from local manufacturers.
Multnomah County, Oregon		X	X	X			All white lead except for a few interior wall surfaces. Ross B. Cooper, County Pur. Agt., Portland.
Multnomah County, Oregon (SCHOOLS)		X					This office has no control over county school paint purchases. This is another case of a County School Superintendent who is afraid to recommend any product because of politics and fear of being accused of racketeering. He admitted that the county school system was losing much every year because of inefficient purchasing. Roy E. Cannon, County Supt. of Schools, Portland, Ore.
Butte County, Oregon (SCHOOLS)		X			X	X	Practically all ready mixed paints. There is a local paint merchant on the school board. His products are being used on practically all school work. J. F. Cramer, Supt. of Schools, Eugene.
Lane County, Ore. (SCHOOLS)		X					Paint specifications and pur- chases are handled individually by each school. Mr. Moffett, County Supt. of Schools, Eugene, Ore.
Corvallis, Ore.		X			X	X	Very little painting other than street marking and sign enameling. City Hall was painted a year ago with mixed paint, by contract. C. J. Fisher, City Engineer.
Corvallis, Ore. (SCHOOLS)		X			X	X	Mr. Mack, Chairman of School Board. Specification calls for ready- mixed paint. The Chairman of the School Board is convinced that lead and oil paint is the best and uses it on his own home, but he has always used mixed paint on the schools because the are painted by handymen. He be- lieves that it takes a master painter to mix white lead. Painted out the fallacy in this and the case with which white lead and oil can be mixed by anyone. Painted out that painters would have better success with lead and oil because it will stand more abuse than will a mixed paint.

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City, County and State Offices	Have Minimum Specifi- cations Lst. 22	Use White Lead Ext. Int.	Use Mixed Paint Ext. Int.	REMARKS
<u>Wentworth County, Oregon</u>	X	X		F.C. Callaway, Eng., Corvallis All exterior work is white lead and red lead. Very little or no interior painting.
<u>Medford, Oregon</u>	X	X	X	Practically all painting is done with white lead and red lead except a few interior wall surfaces painted with casein. F.W. Scheffel, City Supt.
<u>Medford, Oregon</u> <u>(SCHOOLS)</u>	X	X	X	J.E. Redrick, Eng., City "Schools" Have been experimenting with a number of interior flat wall paints. Particularly inter- ested in receiving Lead In- dustries Association specifi- cations for white lead and lead mixing or reducing oil for interior painting.
<u>Jackson County, Oregon</u>	X		X	Bridges painted with two coats of red lead and top coat of aluminum. Guard rails, etc. painted with second grade mixed paint. Paul P. Ryning, County Eng., Medford, Ore.
<u>Jackson County, Oregon</u> <u>(SCHOOLS)</u>	X			Painting practice varies with the individual school. There are 66 of them in this county, and the Superintendent expressed considerable desire to get a standard specification that he can recommend to any school planning to paint. Requested a dozen copies of the Lead In- dustries Association's white lead specifications to be used in this capacity.

• O.R. Newman, County Supt. of
• Schools, Medford, Oregon.

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CALIFORNIA

City, County and State Offices	Have Minimum Paint Specifications		Use White Lead		Use Mixed Paints		REMARKS
	Ext.	Int.	Ext.	Int.	Ext.	Int.	
<u>City and County of San Francisco, Cal.</u>	X		X	X		X (small)	B.A. Reidy, City Architect L.J. Archer, Structural Engineer. R. Chisholm, Supt. Pub. Bldgs. Thos. A. Brooks, Purchasing Agent. Majority of paint used in San Francisco is lead and oil. On a few interior surfaces and in some special cases, mixed paint is used.
<u>City of Los Angeles, Cal.</u>	X		X	X		X (small)	J. V. Burns, Engineer, In Charge of Specifications A.J. Mohr, City Per. Agent Los Angeles' specifications favor white lead and red lead throughout. However, formulation calls for 25 per cent zinc oxide mixed with the lead in all coats. Showed considerable interest in the properties of lead and lead mixing or reducing oil. Requested Lead Industries Association specifications on that type of white lead paint.