



THE LOWE BROTHERS COMPANY

DAYTON, OHIO, U.S.A.

ESTABLISHED 1870

MANUFACTURERS OF PAINTS, VARNISHES AND LACQUERS

General Offices · 424 TO 450 EAST THIRD STREET

April 11, 1940.

Dr. Robert Kehoe,
Kettering Laboratory of Applied Physiology,
University of Cincinnati,
Cincinnati, Ohio.

Dear Dr. Kehoe:

Attached is a list of employees and length of service classified according to their location in the plant and the type of work. In addition we are enclosing a list of raw materials. The names of some of these materials may be trade names with which you are not familiar and if you want further information on them we will be glad to give you any information you desire.

Cordially yours,

THE LOWE BROTHERS COMPANY

Glenn L. Clark
Glenn L. Clark
Personnel Manager

GLC:CS
Enc.

PLEASE MARK REPLY FOR THE ATTENTION OF THE SIGNER OF THIS LETTER

Employees.	Service
Nawrot	24 years
Jablonski	17 years

THIRD FLOOR NO. FOUR BUILDING -- THINNING-FILLING DEPARTMENT

In this department paste material is thinned, shaded, and filled.

Thinners-Shaders:	Service	Fillers:	Service
Gregowic	16 years	Davis	5 years
Barnhart	13 years	Mankowski	21 years
George	15 years	Charlton, Jr.	3 years
Boehme	6 years	A. Poppe	20 years
Kirby	39 years	Wovries	11 years
Morgan	19 years	Bockoven	12 years
S. Dawicke	11 years	A. Plassenthal	15 years
J. Piekutowski	12 years	Waller	4 years
McGord	15 years	Williams	4 years
		Farquer	4 years
Thinners:	Service	Beard	4 years
Rohler	13 years	Haley	6 years
Johnson	14 years	H. Foreman	14 years

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PAINT PLANT, VARNISH PLANT, LACQUER PLANT

FIFTH FLOOR NO. FOUR BUILDING -- MIXING ROOM

Workmen on this floor are mixing into paste form the dry pigments and liquids.

Employees:	Service	Employees:	Service
Cichanowicz	14 years	Modras	14 years
Peterman	21 years	Mills	17 years
J. Poppe	14 years	Evick	15 years
Bacon	7 years	Burdzinski	31 years
Arzolaitis (mixes and fills aluminum paint)	15 years	Zimmerman (Janitor)	19 years

FOURTH FLOOR NO. FOUR BUILDING -- GRINDING

These men operate the grinding machines such as the steel roller mills, buhr stone mills, and stone roller mills.

Employees:	Service	Employees:	Service
Eder	3 years	Haupt	13 years
Fair	18 years	Grimes	3 years
Mountjoy	5 years	Walter Kunka	11 years
Benedict	4 years	Dan Kunka	15 years
Reilly	17 years	Fugh	4 years
F. Dawicke	11 years	Chmiel	18 years
Skowronski	25 years	Bauer	21 years
Layne	5 years	Sieg (Janitor)	16 years
Schaefer	17 years		

FOURTH FLOOR NO. TWO BUILDING -- SMALL ORDER DEPARTMENT

This department performs the complete manufacturing process from mixing to filling of small orders.

Employees:	Service
Schmenck	21 years
Zintl	5 years
B. Piekutowski	6 years

FOURTH FLOOR NO. TWO BUILDING WING -- TANK CLEANING

These men clean tanks, panels, and other pieces of equipment with solvents such as mineral spirits and by cleaning in lye solution.

Employees:	Service
Nawrot	24 years
Jablonski	17 years

THIRD FLOOR NO. FOUR BUILDING -- THINNING-FILLING DEPARTMENT

In this department paste material is thinned, shaded, and filled.

Thinners-Shaders:	Service	Fillers:	Service
Gregowic	16 years	Davis	5 years
Barnhart	13 years	Mankowski	21 years
George	15 years	Charlton, Jr.	3 years
Boehme	6 years	A. Poppe	20 years
Kirby	39 years	Wovries	11 years
Morgan	19 years	Bockoven	12 years
S. Dawicke	11 years	A. Plassenthal	15 years
J. Piekutowski	12 years	Waller	4 years
McCord	15 years	Williams	4 years
		Farquer	4 years
Thinners:	Service	Beard	4 years
Rohler	13 years	Haley	6 years
Johnson	14 years	H. Foreman	14 years

Winning-Filling Dept. Continued.

Fillers:	Service
Thomas	16 years
Mihaloew	3 years
G. Dawicke	5 years
Burgulis	12 years
Gustin	3 years

Fillers:	Service
Donnersbach	15 years
Seivering	12 years
Patton	21 years
Cummins (Janitor)	
	3 years

THIRD FLOOR NO. TWO BUILDING -- LABELING DEPARTMENT

In this department all cans are labeled, placed in cartons, cartons sealed.

Employees:	Service
Stidham	13 years
Barton	13 years
Killinger	3 years
H. Carr	17 years
W. Carr	16 years

Employees:	Service
Olekas	6 years
Kinney	23 years
Swink	15 years
Coleman	3 years
Grimes, Roy	3 years

SECOND FLOOR NO. FOUR BUILDING, FIRST FLOOR NO. FOUR BUILDING, BASEMENT NUMBER FOUR BUILDING -- SHIPPING DEPARTMENT

The men in this department place the finished stock into storage, assemble orders for shipping and load cars and trucks.

Employees:	Service
Beeghly	11 years
Sobieski	12 years
Caldwell	17 years
J. Fink	7 years
Hansher	24 years
Zinkiewicz	5 years
Maddox	3 years
Henry	3 years
Cooper	20 years

Employees:	Service
Holtgreven	4 years
Gray	6 years
Heindl	6 years
Tyozka	22 years
Chalecki	6 years
Glaser	6 years
Boothby	19 years
Beaver	5 years
Bisch (Janitor)	19 years

SECOND FLOOR NO. TWO BUILDING -- LOCKER ROOM

Janitor: Schewe - 5 years service

FIRST FLOOR NO. TWO BUILDING, BASEMENT NO. TWO BUILDING, BASEMENT NO. THREE BUILDING, FIFTH FLOOR NO. THREE BUILDING, FOURTH FLOOR NO. THREE BUILDING--RECEIVING DEPARTMENT

This department unloads from box cars dry pigments in bags placing them on skids. Skids are taken to the basement by means of elevators, stored in the basement and delivered to the manufacturing departments by these men. Liquids are received in drums or tank cars and are pumped to oil warehouse on seventh floor or delivered to manufacturing departments in drums.

Employees:	Service
Timbrook	5 years
Rogers	4 years
Cunningham	20 years
O'Brien	20 years
Tangeman	5 years

Employees:	Service
Sweeney	6 years
Heinz	9 years
Beel	6 years
C. Smith (Janitor)	
	17 years

FIRST FLOOR NO TWO BUILDING WING -- GENERAL MAINTENANCE DEPARTMENT

The duty of this department is to make all general repairs on buildings and equipment and dress buhr stones.

General Maintenance Department (continued)

Employees:	Service	Employees:	Service
Wombold	14 years	Leathers	17 years
Hilpolsteiner	17 years	Youngblood	3 years
Wright	4 years	Humphrey	3 years
Thompson	4 years	Dierkers	5 years
F.Plassenthal	30 years	Hoagland	4 years
Strobel	3 years		

Humphrey, Strobel, Wright, and Hoagland have been rotating on stone dressing the last year.

SIXTH FLOOR NO. ONE BUILDING -- ADVERTISING PAINTING DEPARTMENT

In this department special paints are shaded and thinned and sprayed on panels, brushed on panels, or are used to coat paper by means of a painting machine.

Employees:	Service	Employees:	Service
Burger	6 years	Zweisler	28 years
W. Fink	5 years	Young	3 years
Berger	18 years	Bonecutter (Janitor)	16 years

VARNISH PLANT

Loader: This man loads the various resins and gums into the kettles, pulverizes some of the resins and prepares the kettles for the fire.
Employee: Delong -- 7 years service.

Kettlemen: These men handle the kettles on the fire, watching the cooking process constantly.

Employees: Geradine -- 26 years service
Caverlee -- 21 years service
Werling -- 14 years service

Thinning: These men thin and blend the various finished varnishes.

Employees: Maloy -- 20 years service
Huffman -- 4 years service
Nonnenman -- 16 years service

Filtering: These men operate the filter press on the second floor of the Varnish warehouse.

Employees: M. Hanerty -- 23 years service
C. Fair -- 5 years service

Fillers: These men fill varnish into cans and label cans.

Employees: Robinette -- 3 years service
Layne -- 14 years service
Hapner -- 3 years service
Palmer -- 3 years service
Yahn -- 13 years service
Riley -- 6 years service
Sommers -- 4 years service

Varnish Plant Janitor: This man cleans drums, buckets, and other equipment in lye solution.

Employee: Huber -- 24 years service

Raw Material Handling, Dry Material: Jim Hanerty -- 21 years service

LACQUER PLANT

BASEMENT OR FIRST FLOOR OF THE LACQUER PLANT -- MIXING ROOM

Same type of mixing as in the paint plant.

Employees: Wangler -- 3 years service
Seaman -- 4 years service
Leininger -- 3 years service

BASEMENT OR FIRST FLOOR LACQUER PLANT -- GRINDING

Same as in the paint plant.

Employees: Charlton, Sr. -- 23 years service
Landis -- 5 years service
Schweitzer -- 5 years service

SECOND FLOOR OR CRANE STREET LEVEL

The thinning and shading of materials is done on this floor.

Employees: Angel -- 11 years service
Campbell -- 5 years service
Test -- 5 years service
Heeter -- 5 years service
Corrigan -- 19 years service

Fillers: These men fill into cans all lacquer materials.

Employees: Buhl -- 14 years service
J. Foreman -- 14 years service
King -- 3 years service
Fund -- 15 years service
Hurlow -- 3 years service

Janitor: Gottschick -- 19 years service

RAW MATERIAL LIST

Raw Soybean Oil	BC White Lead - Carter
Extracted Clarified Raw Soybean	BC White Lead - Old Dutch
Turpentine, Gum Spirits	Pumice Stone FFF
Raw Linseed Oil	B. S. White Lead
Boiled Linseed Oil	Green Seal Zinc Oxide
Acid Refined Linseed Oil	White Seal Zinc Oxide
VM&P Naphtha 220-290°	Barytes
Water	Blanc Fixe
China Wood Oil	40% Leaded Zinc Oxide
Soybean Oil - Varnish Grade	Titanox B-30
Varnish Oil	English Chalk Whiting
Varnish Oil - Admoline Type	Domestic Whiting
Apco Thinner	CCO Whiting (DeLore)
Benzoyl Peroxide Treated Linseed	Precipitated Whiting
Amber Petrolatum	Soapstone
Light Cold Pressed Fish Oil	Terra Alba - Calcium Sulphate
#2 Pale Paraffin Paint Oil	Sublimed Blue Lead
Carbon Dioxide	Asbestine Pulp - Reg.
90% Benzol	Asbestine Pulp - Ex. Fine
CP Benzol	Asbestine Pulp - HO Abs.
Solveaso #3	Silica
Solveaso #1	English China Clay
Mineral Spirits (Varnolene)	Lithopone
Apco Thinner #125	Bone Black #31 Cosmic
Neo-Fat 3-R	Bone Black DB Cosmic
Neo-Fat No. 19	Bone Black #24 Cosmic
Neo-Fat No. 19 Tri-Bodied	Bone Black #76 Cosmic
Neo-Fat #17 Tri. Reg.	Bone Black #75 Cosmic
Neo-Fat No. 19 Tri. Reg.	Bone Black HC Cosmic
Solveaso #2	Bone Black #400 Cosmic
Union Oil #30 Solvent	Lithopone
Sunflower Oil Fatty Acids	Neo Spectra Black Mark II
Mineral Oil 871	Neo Spectra Black Mark II Beads
Liquefied Oiticica	Zinc Chromate
Solox	Graphite
S.D. #1 Alcohol	CP Chrome Yellow Lemon
Anhydrous SD #1 Alcohol	CP Chrome Yellow Medium
Kerosene	CP Chrome Orange
Dynamite Glycerine	CP Chrome Dark Orange
Perrilla Oil Kettle Non Break	CP Primrose Yellow
Raw Castor Oil	Cadmium Sulphide
Blown Castor Oil	International Orange
Dehydrol	Coarse Soapstone
High Flash Solvent Naptha	Zinc Sulphide - N.J. ZS-30
CP Acetone	Zinc Sulphide - N.J. ZS-20
Methyl Acetone	Zinc Sulphide (Coffeyville)
Methyl Ethyl Ketone	Titanox L
Oil of Cedar Leaves, Tech.	French Ochre
Pine Oil	Magnesium Carbonate
Raw Perilla Oil FAQ	Titanox AA-LO
Lead Free Zinc Oxide (Am. Eagle or	Mapico Yellow Lemon
(N.J. Zinc)	Mapico Dark Orange
Lead Free Zinc Oxide (St. Joe)	40% Venetian Red
35% Leaded Zinc Oxide	Multifex
Red Seal Zinc Oxide	Titanox C
N. J. #101 Zinc Oxide	Pulped Lead in Oil

Raw Material List (continued)

Titanox A-LO #168
 Raycal Ho
 Titanox C HO
 Tical HO
 Tical MK LO
 Titanox A NC
 Rayox O
 Indian Red Light
 Indian Red Dark
 SP Fumed Litharge
 Dispersed Chr. Yellow Med. In Varn.
 Persian Gulf Red Oxide
 Red Oxide #725
 Zinc Oxide XX503
 Tuscan Red Light
 Tuscan Red Dark
 95% Red Lead
 95% Red Lead (From Evans or Eagle)
 98% Red Lead (From Evans or Eagle)
 VM Litharge
 Off-Grade Lithopone
 Metallic Brown 180-SS
 Purple Oxide 500-C
 Red Oxide 1220-M
 Keystone Filler
 50% Leaded Zinc Oxide
 Van Dyke Brown
 Raw Umber
 Raw Sienna
 Burnt Umber
 Burnt Sienna
 Raw Umber - J. Lee Smith
 Burnt Umber RC-513
 Raw Sienna RC-142
 Burnt Sienna RC-592 or J.L.S. - FF
 Graphic Red
 Light Chr. Yellow Pulp
 Med. Chr. Yellow Pulp
 Orange Chr. Yellow Pulp
 English Vermilion Lt.
 English Vermilion Dk.
 Turkey Red
 #50 Lake
 Lacquer Maroon
 Scarlet Lake
 Graphic Red R
 Rose Pink
 Para. Toner Pulp
 Toluidine Toner Pulped in Varnish
 Green Lake
 Toluidine Toner Pulp
 CP Chrome Green DD
 Ultramarine Blue
 Prussian Blue
 Non-Bronze Blue
 Permansa Toner
 No. 40 Carmine

Brightone Maroon
 Alizarine Lilac Lake X-762
 Lampblack - General #30
 Toluidine Toner RT-252
 Molybdate Orange
 Dispersed Chrome Green Med. In Var.
 CP Chrome Green Lt.
 Std. Varnish Powder
 Double Ground Cream Tripoli
 Zinc Oxide
 Aluminum Stearate
 Dry Ground Mica #40
 Dry Ground Mica #60
 CP Para Toner Dk.
 Nuact L 1984
 Anaconda White Lead
 Calcium Linoleate Pulp
 Oil Brown Dye - Calco M-693
 Carbon Black 999
 Oil Black Dye - Calco (Oil Jet)
 Lampblack - S. Cabot #8
 Std. Paste
 Surfex
 Zinc Stearate
 CP Para Toner Dk.
 Manganese Dioxide
 Chemical Lime
 Celite On-110
 L Grade Dicalite
 Celite No. 281
 Heliogen Blue
 Off-Grade Zinc Oxide #100
 Cuprous Oxide
 Mercury Oxide
 Rubanox Toner
 M Rosin
 Chr. Green DD Pulp
 Chr. Green Med. Pulp
 Lead Acetate, Crystals
 Borax, Refined Powdered
 Flour, Extra Grade
 Cobalt Acetate
 Anhydrous Ferrous Sulphate
 Caustic Soda
 TM Shellac
 Cumar V-1/2 Grade
 Cumar V-1 1/2 Grade
 Ester Gum - Acid 16 to 18
 Hydrolene
 Jet Asphaltum
 Yellow Dye
 ABC Damar
 No. 1 Singapore
 No. 2 Singapore
 No. 3 Singapore
 Damar E Seeds
 Std. Batavia Damar

Raw Material List (continued)

Amber Congo 4-A
 White Congo
 #8 Congo Opaque (Ivory)
 Bakelite 11504
 Kauri B-2
 Kauri B-1
 Kauri No. 1
 Bakelite 2963
 Pulverized Scraped Batu
 BB Scraped E_{st} India
 Yellow Crude Scale Wax
 2050 Beckacite
 Silicate of Soda
 Yacca Gum
 Spirit Soluble Manila DBB
 Ivory Soap Powder
 Amberol BS-1 Dark
 Ester Gum Acid 6
 Amberol BS-1 Light
 Amberol F-7 Light
 Amberol 226
 Amberol 801 Ex. Light
 Amberol 801
 Amberol 801 Dark
 Loba Dust
 Soda Ash
 Cobalt Hydrate
 Manganese Hydrate
 Cook HG-11 Resin
 Cook HG-40 Resin
 Cook HG-42-B Resin
 Snowflake or Diamond Crystals
 Bakelite 254
 Teglac #15
 500 Durez
 Powdered Soda Alum
 Mapico Red Oxide
 Nuodex Cobalt 6%
 Nuodex Lead 24%
 Nuodex Manganese 6%
 Soligen Lead 25%
 Soligen Manganese 6%
 Soligen Cobalt 6%
 Soligen Lead 16%
 Soligen Iron 6%
 Soligen Zinc 7%
 Benzoic Acid
 Bone Black 73
 White Chips
 Lacquer Maroon
 Lacquer Maroon Dark
 Rubanox Toner
 Magnesium Oxide
 Bakelite Resin 3360
 K12A Amberol
 Bakelite 4036
 500 Kopol

ST-137X Amberol Lt.
 Nuodex Zinc
 Antimony Oxide AXXX
 Red Star Timonox
 501 Kopol
 Cadmolith Primrose
 Teglac Z-152
 Celite 165-S
 Durez 550
 Zinc Fluosilicate
 Magnesium Fluosilicate
 Once Ground Rose Tripoli
 Double Ground Rose Tripoli
 Light Rose Bronze Powder 91
 Extra Fine Lining Al. Bronze 422
 Resin
 Permansa Yellow G
 Shamrock Green Dark
 Std. Lining Al. Bronze
 Resin
 Pontacyl Blue Black Dye SX
 Cadmium Red Med. Lt.
 Cadmium Red Deep
 Cadmium Maroon
 Cadmium Red Lt.
 Maleic Anhydride
 Britone Maroon
 Excelsior Beads
 140 Carbon Black
 Excelsior Black
 Superba Beads
 Steam Distilled Turpentine
 Toluol
 Butyl Acetate
 Ethyl Acetate
 Butyl Alcohol
 Dibutyl Phthalate
 Oil of Sassafras
 Oil of Citronella
 Glacial Acetic Acid
 Gum Tragacanth
 Formaldehyde
 Pent Acetate (Amyl Acetate)
 Cello Solve Acetate
 Phthalic Anhydride
 Butyl Cellosolve
 Film Scrap Solution 5919
 Xylol
 Celite Snow Floss
 Triethanolamine
 RS 15 Sec. Cotton
 1/2 Sec. RS Cotton
 50-60 Sec. RS Cotton
 AS 1/2 Sec. Cotton
 160 Sec. RS Cotton
 20 Sec. Bronzing Cotton
 1/2 Sec. Bronzing Cotton

Raw Material List (Continued)

20 Sec. Lacquer Cotton
1/4 Sec. RS Cotton
4 Sec. RS Cotton
8 Sec. RS Cotton
Super CP Glycerine
Baker's 1000 Castor Oil
Blown Castor Oil
Dehydrol
Cresylic Acid Lt.
Troluoil
"A" Tamzite (Colloidal Clay)
Ethylene Glycol
Tri-Sodium Phosphate
Dipentene
Guaiacol Tech
Flake Naphthalene
Methyl Cyclohexanone
Hexalin
Tetralin
Candellila Wax
Diacetone
Methyl Cellosolve
Sulphate Turpentine
Stearic Acid
Gum Camphor
Lacquer Solution
1/2 Sec. PXP
Oil
Butyl Lactate
Cellosolve
Lacquer Solution

6 Sec. Cotton Solution
Isopropyl Acetate
Baker's P6 Plasticizer
Black Lacquer Paste 195
Black Lacquer Paste 177
Plaz
Orange Stain
Yellow Stain
Red Stain
Paste Wax
5-6 Sec. RS Cotton
Rezyl Solution 775-4
Carbolac #3
BC Anti-Skinning Agent BC-97261
Ethyl Cellulose - B Med. Visc.
Non-Penetrating Oil
Soya Bean Fatty Acids
China Wood Oil Fatty Acids
Pine Tar
Linseed Fatty Acids (Wecoline)
Linseed Fatty Acids (Woburn)
Linseed Fatty Acids (Oil Mill)
Anthroquinone
Calcium Oxide
Pentaerythritol
Chlorinated Rubber 20 CPS
Chlorinated Rubber 130 CPS
Chlorinated Rubber 1000 CPS
Stillinga Oil
Du Pont's WDS Solvent
Zirex