

5900	U S Borax Boron Repairs # 6 AB Furnace Plant 5
5901	State Stove + Mfg. Co.. Henderson, Nevada Acid Brick Lining for 4 Tanks + adjacent floors + Gutters
5902	Continental Can Co Los Angeles Plant # 11 Modifications to Beer Can Ovens
5903	Heat Engr. + Supply Co San Gabriel Furnish + install refractory lining in 4 electric furnaces
5904	Consolidated Marine "SS President Jefferson " Repairs to port boiler San Pedro
5905	Glidden-Durkee Divn of SCM Corp. Baltimore, Md. Supply labor + material to heat treating furnace for Silica Tubes
5906	Standard Oil Co El Segundo Repair column vessel + pipe stanchion
5907	Standard Oil Co El Segundo # 11 Unit
5908	Texaco Inc Wilmington Repalce Gunite Lining in vessel

5909 Inspiration Consolidated Copper
Miami, Arizona
Combustion system for fired
matte launder

5910 H. Kramer
El Segundo A Reline transition
#1 Reverb furnace of flue manifold
Major Overhaul

OCTOBER
5911

Alcan
Riverside
Repair # E double hearth
Aluminum Reverbatory

5912 U S Reduction
Necessary repairs to #1
reverb furnace
Ontario

5913 Stauffer Chemical
Dominguez
Necesssary repairs to # 3
caustic pot

5914 Bethlehem Shipyards
Terminal Island
"SS Overseas Vivian"
Port + starboard boilers

5915 Shell Oil Co
Watson
3 + 4 boilers

5916 Emery Industries
Los Angeles
1 Pot Still

OCTOBER Continued

5917	U S Borax Boron Minor repairs to roof of # 5 and minor repairs to mixing chamber floor
5918	H Kramer El Segundo Repairs to # 2 Rotary Furnace
5919	Continental Can Co Commerce Modifications to line C-3 fume incinerator
5920	Continental Can Co Hayward Relocation of 12,000SCFM Fume incinerator from Pittsburg to Hayward, Calif.
5921	Bethlehem Shipyards Terminal Island "SS Montpelier Victory" Necessary repairs to Starboard Boiler
5922	American President Lines c/o Consolidated Marine "SS President Adams" Necessary repairs to starboard boiler
5923	Philadelphia Quartz South Gate Repairs to Anhydrous Furnace
5924	Stauffer Chemical South Gate Repairs to # 1 acid burner
5925	Watson Carbon + Chemical Wilmington Repairs to Kiln Lining
5926	Standard Oil Co El Segundo Repair 4748 Boiler
A	Repair # 48 Boiler

- 5927 Johns Manville
Long Beach
Repair # 4 boiler
- 5928 Standard Oil Co
El Segundo
Repair # 9 Thermal Unit
- 5929 California Shipbuilding
Long Beach
"USS Point Defiance"
Repairs to # 1 Boiler
- 5930 California Shipbuilding
Long Beach
"USS Tolavana"
- 5931 Grefco
Lompoc
Refractory Repair # 2 Air Heater
- 5932 Kaiser Steel
Fontana
20 X 20 X 60 Ft Furnace
- 5933 Jorgensen Steel
Los Angeles
Repairs # 5 Furnace
- 5934 Standard Oil
El Segundo
24 Vacuum Still
- 5935 U S Borax and Chemical Corp
Wilmington
Reline Forge Furnace
- 5936 Harvey Aluminum Inc
Torrance
Combustion System for Titanium Bar mill
Furnace # 3
- 5937 Reynolds Metals
Torrance
Replacing Control Dampers on 4 Fume Incinerators.

- 5938 U S Borax
Boron
Repairs on experimental furnace
- 5939 Lady's Choice Foods
Los Angeles
Repairs to Broderick H R T Boiler
- 5940 U S Borax and Chemical Corporation
Boron
Install secondary roof on # 2 R A Furnace
- 5941 U S Borax and Chemical Corporation
Boron
Repairs to # 2 Air Heater Plant # 4
- 5942 Southern California Gas Co .
Treasure Craft Co
Compton
Rotary Hearth Kiln
- 5943 Shell Chemical
Ventura
Repairs to F 701 Pritchard Reformer
- 5944 Todd Shipyards
San Pedro
"M S Italia"
Repairs to 2 waste heat boiler
- 5945 General Welding Co
Alhambra
Install new floor on existing insulating
firebrick
- 5946 Collier Carbon and Chemical Corp.
Brea
Repairs to Decomposer
- 5947 Jacobs Engineering
U S Borax and Chemical Corp.
Boron

- 5948 U S Borax and Chemical Corporation
Boron
Repairs to # 3 AB Furnace Plant 5
Secondary Roof and minor repairs inside
- 5949 U S Steel
Torrance
Repairs to Ingot furnace stack
- 5950 R M Parsons
Signal Oil
Bakersfield
Repairs Econtherm Heater
A Install Lightweight blaze crete in vessel
- 5951 Port Welding
Long Beach
"SS Keystone State"
- 5952 Monsanto Chemical
Long Beach
Repairs to # 2 Burner
- 5953 Harvey Aluminum
Torrance
Repairs to # 3 Normalizer
- 5954 General Welding
"SS Oregon Bear"
Long Beach
Repair to Starboard Boiler
- 5955 Shell Oil Co.
Dominguez
Nec. Repairs to Heater # 19
Petrochem Furnace
- 5956 J T Thorpe + Co Houston
Standard Steel Pasadena, Texas
Brown + Root
Furnace Lining
- 5957 U S Borax And Chem Corp.
Boron, Calif.
Minor gunite repairs to inside of furnace + roof
1 Furnace, plant #5

5958 Harvey Aluminum
Torrance
Repairs to # 11 Reverb

5959 American President Lines c/o CMI
"SS President Jackson "
Material to be placed on board
vessel in San Pedro.
Install material in San Diego

5960 American President Lines c/o CMI
Long Beach
"SS President Buchanan"
Repairs to Starboard Boiler

5961 Dockside Machine
Terminal Island
" SS Lane Victory"

5962 Philadelphia Quartz
South Gate
Repair Checker in Dryer Heater of
B + W Boiler

5963 Soule Steel
Long Beach
Repairs to Reheat Furnace

5964 L. W. Lefort
Norris Industries
Vernon
Acid Brick Lining for pickle tank
8 pickle machine

5965 Continental Can Co
Union Pacific Plant
Los Angeles
Engineering and equipment to change
controls of Plant # 11 Fume Burners

5966 Crosby and Overton
Wilmington Warehouse
Install lining in one steam boiler

5967 Harvey Aluminum
Torrance California
Labor only to repair Refractory
lining of # 1 Bar Mill Furnace

5968 Northrup Corporation
Hawthorne
Labor and material to modify
nozzleport

5969 The Ralph M Parsons Co Agent
Chevron Standard Limited
Alberta, Canada
Design and supply two (2)
waste gas incinerators

5970 Standard Oil Co of Calif.
El Segundo
Refractory repairs Furnaces
F1 and F2 #1 Crude unit
A Repair cone foundation as necessary
on above, F1 and F2

5971 Texaco Inc
Wilmington
Repairs to "B" Generator

5972 Phelps Dodge Copper Products Corp
Los Angeles
Install brickwork in bright
annealing furnace generator

5973 Bethlehem Shipyards
Terminal Island
Gaines Mill Repairs to port and starboard
boiler

NOVEMBER 1969

5974 Shell Chemical Company
Ventura
Labor and materials to repair
primary and secondary reformer
of Kellogg unit
A Labor and materials to repair
secondary reformer Pritchard Unit

5975	Monsanto Chemical Company Long Beach Repair # 1 Burner
5976	U S Borax and Chemical Corp Boron California Repair hole mixing chamber roof and minor repairs 4AB Plant 5
5977	Erie City Iron Works U S Navy Shipyards Terminal Island Remove and replace 8 burner tile
5978	Collier Carbon + Chem Santa Maria Design + construct new breeching and damper between afterburner and scrubber # 2 kiln
5979	Philadelphia Quartz South Gate Repair Anhydrous Furnace
5980	Bethlehem Shipyard SS President Polk Terminal Island Repair port boiler
5981	U S Borax Boron Patch roof # 3AB Furnace Plant # 5
5982	U S Borax Boron Plant 26 Repairs to Doghouse
5983	Stauffer Chemical Dominguez Repair # 4 Caustic pot;
5984	Shell Oil Co Wilmington Refractory alteration to Heater # 9
A	Additional repairs # 9 Furnace

5985	Calif. Shipbuilding USS Navasota Long Beach Repair dusting doors of boiler # 2
5986	U S Borax Boron Repairs # 3AB
5987	International Extrusion Alhambra Repair melting furnace A Repair upper side walls of Homogenizing Furnace
5988	Harvey Aluminum Torrance Labor to repair # 2 reverb
5989	States Steamship Company SS Michigan Long Beach Repair port boiler
5990	Todd Shipyards USS Hector San Pedro Repair boilers 1 2 3 and 4
5991	U S Borax Wilmington Repair AB Furnace
5992	Shell Oil Co Dominguez Repair # 2 boiler
5993	Bethlehem Shipyards USS Alamo Terminal Island Repairs to boilers 1 + 2
5994	Standard Oil Co El Segundo Fireproof V9 clay filter yard rectifier

December, 1969

5995	Coldwell Banker + Co Jasper Bldg Los Angeles Brickwork Repairs to boiler firebox
5996	U S Borax Boron Repair Burner Ring on Calciner # 5
5997	U S Borax Boron Major Repair to 5 AB Furnace
5998	Kay Bruner Steel Co Alhambra Repair Jamb on Annealing Furnace
5999	Matson Navigation S S Hawaiian Farmer Wilmington Repair Starboard Blr
6000	R M Parsons G m b H Lago Oil + Transport Co Ltd Aruba, Netherlands Antilles Caribbean Design + Supply 2 waste gas incinerators
6001	Standard Oil Co El Segundo Repair # 56 Boiler
6002	Pacific Smelting Torrance Labor and matls to replace muffle arch on # 1 furnace
6003	Shell Chemical Co Ventura Furnish 1"X 2" firebrick grog
6004	Heat + Power Equip Co LA Huntington Memorial Hospital Pasadena Repair 2 bros boilers
6005	Standard Oil Co El Segundo Repair lining reformer reactor A Repair F101, F102, F104 + F105 heaters

December, 1969 (continued)

6006 U S BORAX - BORON
Repair Boiler 5, Power house

6007 DIVERSIFIED METALS - CUCAMONGA
Repair access door

6008 DOCKSIDE MACHINE "SS Seatrain Washington"
San Diego
Repairs to port boiler

6009 MONSANTO CHEMICAL - LONG BEACH
Repair Calciner Combustion Unit

6010 DOCKSIDE MACHINE "SS Beauregard"
Long Beach
Repairs to boiler

6011 SHELL OIL - DOMINGUEZ
Repair cat cracker feed line and recycle
boiler cone

6012 CONS. MARINE - "SS Pres. Harding"
San Pedro
Repair starboard boiler

6013 SHELL CHEMICAL - DOMINGUEZ
Labor and matl to install 1/4" acidproof topping
at Hydrolizer area

6014 SOULE STEEL - LONG BEACH
Repair reheat furnace
'A' - Repair bull nose
'B' - Furnish Detrick Tile

6015 PROCTER AND GAMBLE - LONG BEACH
Repair Odor Control Furnace

6016 CONS. MARINE - "SS Hong Kong Bear"
San Pedro
Repair port and starboard boilers

6017 BABCOCK AND WILCOX - L.A.
Shell Oil Company - Dominguez
Repairs to Boiler #2

- 6018 INTERPACE - SAN BERNARDINO
Design and construct shuttle kiln
- 6019 CONTINENTAL CAN CO
UNION PACIFIC AVE PLANT - LA
Install mortar around catalyst baskets
- 6020 SHELL OIL - DOMINGUEZ
Repair #1 Flasher
'A' - Repair #13 and #14 Heaters
- 6021 KAISER STEEL FABRICATORS - FONTANA
Repair Plate Heating Furnace
- 6022 UNITED RIGGERS - SANTA FE SPRINGS
Line door
'A' - Install door at Aerojet, Anaheim
- 6023 SHELL OIL - DOMINGUEZ
Repairs to #7 Boiler
- 6024 USBORAX - BORON
Complete rebuild #1AB Furnace
- 6025 POWERINE OIL - SANTA FE SPRINGS
Repair Petrochem furnace
- 6026 INTERPACE (GLENDALE)
Misc. repairs
- 6027 PHILA.-QUARTZ (SOUTH GATE)
Repair Anhydrous Furnace
- 6028 MONSANTO CHEMICAL (LONG BEACH)
Repair #3 Burner
- 6029 NORRIS INDUSTRIES (VERNON)
Repair spherodizing furnace
- 6030 U S ELECTRICAL MOTORS (LA)
Labor and material to install refractory lining
in Thorpe annealing furnace
'A' - Repair 4" Panelag lining to east and west
ends of continuous annealing furnace.

6031 TODD SHIPYARDS (SAN PEDRO)
"SS Montana" - Port and Starboard Boilers

6032 SHELL OIL (DOMINGUEZ)
Repair regenerator during cat cracking shutdown

6033 SHELL CHEMICAL (TORRANCE)
Gunite repairs to A202A Reactor

6034 STAUFFER CHEMICAL (SOUTH GATE)
Rebrick #1 Kiln

6035 SHELL OIL (DOMINGUEZ)
Repair #2 Dubbs

6036 JACOBS ENGINEERING
U S BORAX (BORON)
Install brick floor in chill roll #7AB Furnace

6037 CONTINENTAL CAN CO (LA) Plant #1
Modifications to Beer Can Ovens #4 and #5

6038 KAISER GYPSUM (LONG BEACH)
Rebrick calcining kiln #3

6039 PROCTER AND GAMBLE (LONG BEACH)
Repair #2 Boiler

6040 DELCO REMY (ANAHEIM)
Repairs to sill lead furnace

6041 CALIF SHIP AND DRYDOCK (LONG BEACH)
"USS Caliente"
Repairs to #2 and #3 boilers

6042 SHELL CHEMICAL (TORRANCE)
Repairs to F503 Boiler

6043 U S BORAX (BORON)
Patch floor in mixing chamber, #2RA Furnace

6044 U S BORAX (BORON)
Patch roof - #1RA Furnace
Repair hole in floor - #2RA Furnace

- 6045 DOCKSIDE MACHINE (LONG BEACH)
"SS Seatrain Maryland"
Repair port boiler
'A' - Additional repairs port boiler
- 6046 H KRAMER AND CO (EL SEGUNDO)
Repair #3 reverb
'A' - Reline #1 rotary
- 6047 RALPH M PARSONS CO (LA)
Install lining in experimental reducing furnace
- 6048 CONTINENTAL CAN CO (LA)
Repairs to #1 Union Iron Works Blr
- 6049 CONSOLIDATED MARINE (TERM ISLAND)
"SS Pres. Pierce)
Repair port boiler
'A' - Repair starboard boiler
- 6050 SHELL CHEMICAL (DOMINGUEZ)
Repair preheater Petrochem furnace
- 6051 U S BORAX (BORON)
Replace throat of Thorpe Air Htr, Plants #234
- 6052 EDMOND J VADNAIS (ETIWANDA)
SHELL CHEMICAL (DOMINGUEZ)
Acid brick lining in 4 manholes
- 6053 RALPH M PARSONS CO
STANDARD OIL CO (EL SEGUNDO)
Install castable refractory in V221
'A' - Repair insulation Plant 4
- 6054 U S BORAX (WILMINGTON)
Repair ABA Furnace
- 6055 HORTON PROCESS DIVISION
CHICAGO BRIDGE AND IRON (OAKBROOK, ILL)
POZZOLAN PRODUCTS (CASMALIA, CALIF)
Supply and install firebrick lining for
miscellaneous ducts

December/69

(cont'd)

6056 U S BORAX (BORON)
Repairs to #2 Air Heater, Plant 4

6057 U S BORAX (BORON)
Repair plant 26 ABA Furnace

6058 SOULE STEEL (LONG BEACH)
Repairs to reheat furnace

6059 STAUFFER CHEMICAL (DOMINGUEZ)
Tear out and replace acid brick lining
Quench Tower, Plant 1

6060 LATCHFORD GLASS (LA)
Repair Furnace C

6061 MONSANTO CHEMICAL (LONG BEACH)
Necessary repairs to #3 Burner

6062 U S REDUCTION (ONTARIO)
Necessary repairs to Furnaces #51 and #52

6063 HARVEY ALUMINUM (TORRANCE)
Repairs to #3 Reverb

1970

6064 Watson Carbon and Chemical
Watson
Line one door

6065 Hayes Spray Gun (Pasadena)
Repair melting pot

6066 KAYNAR MFG CO INC (FULLERTON)
Repair Loftus Heat Treating Furnace

6067	CHAS PFIZER INC (CUSHENBURY) Replace middle deck in Dorr Oliver Lime Reactor
6068	U S BORAX (BORON) Major rebuild #2AB
6069	SEALAND SHIPPING (LONG BEACH) "SS Warrior" Repair Starboard Boiler
6070	PROCTER AND GAMBLE (LONG BEACH) Repair Odor Control Furnace
6071	STATES MARINE (LONG BEACH) "SS Steel Age" Starboard Boiler
6072	AMERICAN POTASH AND CHEMICAL (TRONA) Repair firebox of Carbonation Calciner
6073	OFCCO (LONG BEACH) KAL KAN FOODS Refractory and insulation repairs to Nebraska Boiler
6074	CONSOLIDATED MARINE (SAN PEDRO) "SSPres. Garfield" Port Boiler
6075	PHILADELPHIA QUARTZ (SOUTH GATE) Repair anhydrous furnace
6076	TODD SHIPYARDS (SAN PEDRO) "SS Colorado" Repair port and starboard boilers
6077	STAUFFER CHEMICAL (SOUTH GATE) Line acid burner, #2 plant
6078	MOBIL OIL (TORRANCE) Refractory repairs, Foster Wheeler CO boiler

January, 1970 (continued)

6079	CONSOLIDATED MARINE (SAN PEDRO) "SS Pres. Taylor) - Port Boiler
6080	STATES MARINE ISTHMUS AGENCY (SAN DIEGO" "SS Steel Artisan" Repaor port boiler
6081	CONSOLIDATED MARINE (SAN PEDRO) "SS Pres Buchanan) - Port Boiler
6082	BETHLEHEM SHIP. (LONG BEACH) "SS Monticello Victory" - Port Boiler
6083	PHILA QUARTZ (SOUTH GATE) Repair Silica Melting Furnace
6084	PHILIPPINE PRESIDENT LINES (LBEACH) "SS Pres Marcox" - front wall starboard blr
6085	STANDARD OIL CO (EL SEGUNDO) Install Penntrowel epoxy coating in drain basin at #3 cation unit, #1 Water Treater
6086	SHELL OIL (DOMINGUEZ) Repair Heater #17
6087	WILMINGTON WELDING (TERM ISLAND) "Dredge Alabama" - Repair boiler
6088	CONSOLIDATED MARINE (SAN PEDRO) "SS Washington Bear" - Port Boiler
6089	MORRIS P KIRK (DIVN OF PIONEER ALUMINUM) Design and construct #1 aluminum chip melting furnace
6090	STATES MARINE (PORT HUENEME) "SS Evergreen State" Port Boiler
6091	CALIFORNIA CLUB (LOS ANGELES) Repait Sterling boiler

6092	CONTINENTAL CAN CO UNION PACIFIC PLANT Modifications to beer can ovens 1, 2 and 3
6093	DOCKSIDE MACHINE (WILM.) "SS Connecticut" - Port and Strbord boilers
6094	MONSANTO CHEMICAL (LBEACH) Repair #2 burner
6095	STAUFFER CHEMICAL (VERNON) Repair aluminum cooker
6096	SHELL CHEMICAL (TORRANCE) Repair #10 boiler
6097	EMERY INDUSTRIES (BELL GARDENS) Repair #2 Kettle
6098	STATES STEAMSHIP CO (LBEACH) "SS Michigan" - Starboard boiler
6099	STANDARD OIL (EL SEGUNDO) Repair Boiler 32
6100	TODD SHIPYARDS (SAN PEDRO) "SS San Pedro" - Port and Starboard blrs
6101	SHELL CHEMICAL (WILMINGTON) Repair acid resistant linings in Mantius Concentrator E51, Acid Charge Tank T72A, and Acid Rundown Tank T74A.
6102	SHELL OIL (DOMINGUEZ) Repair Heater 20
6103	STAUFFER CHEMICAL (DOMINGUEZ) Repair pump base under Quench Tower
6104	NATIONAL SCREW + MFG CO (COMMERCE) Repair acid pickling tank

January, 1970 (cont'd)

- 6105 AMERICAN STANDARD (Louisville, Ky.)
Furnish flame safety panel
- 6106 BETHLEHEM SHIPYARDS (TERM ISLAND)
"USS Guadalupe" - Boilers 1, 2, 3 and 4
- 6107 REYNOLDS METALS (TORRANCE)
Fabricate and install collection duct for
post coater oven, Line 6
- 6108 HARVEY ALUMINUM (TORRANCE)
Rebuild #8 reverb

FEBRUARY - 1970

- 6109 CONSOLIDATED MARINE (SAN PEDRO)
"SS Japan Bear" - Starboard boiler
- 6110 UNION CARBIDE (TORRANCE)
Repair #1 furnace
'A' - Repair sludge furnace
- 6111 GREAT LAKES CARBON (WILMINGTON)
Repair #1 kiln
'A' - Repair preheat kiln
- 6112 PHELPS DODGE CO (L A)
Repair rotary heat treating furnace
- 6113 KAY-BRUNNER CO (ALHAMBRA)
Patch arch in annealing furnace
- 6114 NORAIR - DIVN OF NORTHROP CORP
HAWTHORNE
Repair Pebble Heater
- 6115 RALPH M PARSONS CO
ALLIED CHEMICAL (EL SEGUNDO)
Repair Reaction Furnace

6116	AMER TRADING + PRODUCTION (LBEACH) "SS American Trader" - Starboard boiler 'A' - Port boiler
6117	UNION OIL CO (WILMINGTON) Lining for 6 Reactor Cyclones
6118	U S BORAX (BORON) Repair #2 air heater, plant 4
6119	PROCTER AND GAMBLE LONG BEACH Repair Odor Control Furn and Peabody Furn 'A' - Repair Reformer
6120	GREAT LAKES CARBON (WILMINGTON) REPAIR #2 KILN
6121	STANDARD OIL (EL SEGUNDO) Repair #202 Econotherm Heater
6122	THE BENDIX CORP)ST JOSEPH, MICH.) Supply N. American equip. and prewired panels
6123	NATIONAL SUPPLY DIVISION ARMCO STEEL (TORRANCE) Labor to install Paco lining in #2950 press forge furnace
6124	U S BORAX (BORON) Repair #6AB furnace, plant 5
6125	TODD SHIPYARDS (SAN PEDRO) "SS Connecticut" - Port boiler
6126	NATIONAL GYPSUM (L BEACH) Install burner tile in heater Replace Burner Tile
A 6127	CALIF PORTLAND CEMENT (MOJAVE) Repair #1 Clinker Cooler
6128	SHELL OIL (DOMINGUEZ) Repair Heater #24, Desulfurizer Plant

February, 1970

6129	NORRIS INDUSTRIES (VERNON) Repair draw furnace
6130	SOULE STEEL (LONG BEACH) Labor to repair reheat furnace
6131	KAISER STEEL (EAGLE MOUNTAIN) Repairs to Dravo Pelletizing furnace
6132	FULTROL CORP (LA) Repair brickwork in furnace of #4 rotary calciner
6133	STANDARD OIL (EL SEGUNDO) Repair boiler #35
6134	CALIF SHIPBUILDING (LBEACH) "USS Ashtabula" - Boilers 1, 3 and 4
6135	U S REDUCTION (ONTARIO) Repair #52 furnace
6136	BETHLEHEM SHIPYARDS (TERM ISLAND) "SS Vantage Progress" - Port and Starboard blrs
6137	MOBIL OIL (TORRANCE) Repairs to Regenerator 'A' - Repair orifice chamber 'B' - Repair reactor 'C' - Repair 2Fl air heater

MARCH 1970

6138	STEEL CASTING CO (L A) Repair stress relieving furnace
6139	TODD SHIPYARDS (SAN PEDRO) "SS Spruce Woods" - Repair forward and afterburners

6140	SHELL OIL (DOMINGUEZ) Repair heater #28
6141	STATES STEAMSHIP CO (L BEACH) "SS Idaho" - Port Boiler
6142	STANDARD OIL (EL SEGUNDO) Labor and material to install Penntrowel epoxy coating in drain basin at #4 cation unit at #1 water treater
6143	CONSOLIDATED MARINE (SAN PEDRO) "SS Pres Hoover" - Port boiler
6144	GREAT LAKES CARBON (WILMINGTON) Air Pollution testing #2 kiln, settling chamber
6145	CALIF PORTLAND CEMENT (COLTON) Repair #1 kiln hood and cooler
6146	STAUFFER CHEMICAL (L BEACH) Repair H750 boiler
6147	U S BORAX (BORON) Repair #3AB Furnace
6148	U S BORAX (BORON) Install secondary roof, #4AB Furnace
6149	U S BORAX (BORON) Repairs to Plant 26
6150	MOBIL OIL (TORRANCE) Repair crude unit
6151	ABEX CORP (RAILROAD PRODUCTS GROUP) HOUSTON TEXAS Supply combustion equip and flame safety equip.
6152	UNION OIL (SANTA MARIA REFINERY) Arroyo Grande - Repair refractory in Coker A and B heaters during April turnaround.

March, 1970

6153	OCEAN SALT CO (L BEACH) Repair rotary kiln
6154	ANCHOR FENCE DIVN ANCHOR POST PRODUCTS INC (WHITTIER) Install new acid pickling tank
6155	HAYES SPRAY GUN (PASADENA) Repair melting furnace
6156	THEO HAMM BREWING CO (L A) Renew baffle at top of first pass in Kidwell Graver Boiler #3
6157	STATES MARINE (PORT HUENEME) "SS Keystone State" - port boiler
6158	COLLIER CARBON (BREA) Repair H ₂ transfer line
6159	SHELL OIL (DOMINGEUS) Build scaffold #19 heater
6160	BETHLEHEM SHIPYARDS (TERM ISLAND) "SS Avila" - Port and starboard blrs
6161	NORRIS INDUSTRIES (MAYWOOD) Repair Lindberg Slot Type Draw Furnace
6162	MONSANTO CHEMICAL (L BEACH) Repair #3 burner
6163	HARVEY ALUMINUM (TORRANCE) Labor to repair #1 foil mill furnace
6164	SHELL OIL (DOMINGUEZ) Repair heater #24 'A' - repair floor in #29 and #30 heaters
6165	DAY + NIGHT MFG CO (LA PUENTE) Fabricate and install monel pipe on #6 acid tank on water heater line

6166	BETHLEHEM SHIPYARDS (TERM ISLAND) "SS Oregon Bear" - Starboard boiler
6167	SHELL OIL (DOMINGUEZ) Repair Heaters 25 and 26
6168	CROSBY-OVERTON (at tt -Wilmington) Repair steam boiler
6169	GULF OIL (SANTA FE SPRINGS) Necessary repairs to TH-2 sulphur plant incinerator
6170	TEXACO INC (WILMINGTON) Repair #5 Boiler
6171	U S BORAX (BORON) Repair #1RA Furnace
6172	U S BORAX (BORON) Major repairs #2RA
6173	BETHLEHEM SHIPYARDS STATES MARINE (TERM ISLAND) "SS Michigan" - Port and starboard boilers
6174	SHELL CHEMICAL (TORRANCE) Repair F502 Boiler
6175	TEXACO INC (WILMINGTON) Repair to Reactor
6176	GULF OIL CO (NORWALK) Repair cat cracker 'A' - Repair CO boiler 'B' - Repair unifiner heater 'C' - Repair crude heater 'D' - Repair PH-2 platform heater
6177	STANDARD OIL (EL SEGUNDO) Repair F1-B Heater
6178	SHELL OIL (WILMINGTON) Repair #2 Dubbs

March, 1970

6179

Phelps Dodge Corp
Repairs to surface combustion
of rotary hearth

6180

U S BORAX
Repair Secondary roof #3AB
furnace Plant 5

6181

Calif Portalnd Cement
Furnish Detrick materials
for 1 Fuller Clinker Cooler

April 1970

6182

Cancelled see Job 6176A

6183

SOULÉ STEEL CO
Repair Reheat Furn.

6184

TEXACO
Repair Detrick arch B4
Kellogg Htr

61 85

U S Borax
Plant 26 Repair (patch doghouse)

61 86

TEXACO
Repair tank 17 alkie #2 plant

6187

U S BORAX
Install burner tile sulphate dryer furn.

6188

HARVEY ALUMINUM
Repair # 1 Mesta furn (labor only)

6189

CAPITAL WESTWARD INC
Furnish and install AAZZ lining
in one pacific valve

6190

PHILA QUARTZ
Repair anhydrous furnace

6191

SIGNAL OIL GAS CO
Replace 6 ft gunite lining in fluid
coke burner with one-shot

A

Repair Hydrogen Hydro furn (Selas Htr)

April 1970

6192	Shell Oil Co Repair # 8 boiler
6193	BELL and HOWELL CO Repair fume burner
6194	ZURN INC (ENERGY DIVN) M C PATTEN CO ERIE CITY IRON WORKS UNIV OF CALIF° Repair front wall boiler
6195	T L ARTZ FOUNDRY Supply Comb and control equip for cupola afterburner
6196	STANDARD OIL CO Repair Selas furnace F-301
6197	SHELL CHEMICAL CO Repair acid brickwork in reactor area
6198	AMERICAN CHEMICAL CO Furnish and install "elastacid" membrane and acidbrick lining in flue gas scrubber tower
6199	GREAT LAKES CARBON Repair # 2 kiln
6200	BETHLEHEM SHIPYARDS "USS Mistillon" Repair boilers 1, 2, 3, 4
6201	TEXACO Repair regenerator cone section and cyclone
A	Repair Cio line
6202	U S BORAX Major repairs #6AB plant 5
6203	UNION OIL CO Install top 80 fb of existing 100 ft stack

April 1970

6204	U S BORAX Repair leak at front wall of plant 26
6205	U S Reduction Repair # 51 furnace
6206	SOULE STEEL CO Repair hearth for reheat furnace
6207	TEXACO Repair bottom of synthesis gas generator
6208	H KRAMER CO El Segundo repair # 1 reverb
6209	MONSANTO CHEMCIAL Repair # 2 burner
6210	SHELL CHEMICAL CO Repair F506 boiler new rear wall and floor
6211	SHELL OIL CO brick in 10 windows on telephone bldg at Watson refinery also install partition
6212	U S BORAX Major repairs line 4 plant 5
6213	ALUMINUM EXTRUSION Install refractory lining in 40,000# melting furnace and 28,000 # holding furnace
6214	STANDARD OIL CO Repair throat on V208 boiler
6215	KERR GLASS Repair regenerator
6216	U S BORAX Repair # 1AB furnace plant 5

April 1970

- 6217 SHELL CHEMICAL CO
Repair "A" generator on
superheater
- 6218 TODD SHIPYARDS
"SS Enco Gloucester"
San Pedro Repair port and starboard
boilers
- 6219 STANDARD OIL CO
Repair F 203 Econotherm heater
- 6220 STANDARD OIL CO
Repair corroded concrete at pipe
trench north of V6 vessel at SQ₂ plant
- 6221 SHELL CHEMICAL CO
Repair primary reformer F701,
Bros boiler F702, and secondary
reformer V703.
A Furnish 45 cu ft broken FB
- 6222 SHELL OIL CO
Repair arch # 1 Dubbs
- 6223 BETHLEHEM SHIPYARDS
"SS Princess Italia"
Repair port boiler
- 6224 COLLIER CARBON CHEMICAL
Repairs to combustion chamber
sulphuric acid plant
A Repair humidifying tower
- 6225 UNION OIL CO
Repair B20 1 and B202 heaters
A Repair bullnose
- 6226 SHELL OIL CO
Repair # 8 boiler
- 6227 RM PARKS (KOPCO INC)
Repair firebox of dehydrater

April 1970

6228 SHELL OIL CO
Repair # 1 boiler

6229 US REDUCTION
Repair dryer furn.

6230 OFCCO CONSTRUCTION CO
STANDARD OIL CO
Repair Selas Reformer
A Scaffold rental

6231 KAY BRUNNER CO
Repair Annealing Oven # 11-D
on heat treating

6232 STANDARD OIL CO
Repair # 54 boiler

6233 PROCTER + GAMBLE
Repair exhaust furn.

6234 BETHLEHEM SHIPYARDS
"D S David Solomon"
Repair donkey boiler

6235 KOPPERS CO
Reline combustion chamber
on batch still

6236 E M JORGENSEN CO
Repair # 6 press furn.

MAY 1970

6237 STEEL CASTING CO
Repair # 1 and # 2 furnaces

6238 CROSBY + OVERTON INC
Reline jacket for steam coil

6239 HARVEY ALUMINUM
Labor to repair # 1 furnace

6240 HAYES SPRAY GUN
Repair extrusion furn.

MAY, 1970

6241	U S Borax Repair doghouse plant 26
6242	STAUFFER CHEMICAL Repair sulphur burner
6243	PACIFIC VALVE Install AA 22 in two slide valves
6244	CHEVRON SHIPPING "SS H. D. Collier" Repair port and starboard boilers
6245	Procter + Gamble Mfg Co Brickwork repairs to # 1 boiler
6246	REFINING ASSOCIATES Furnish material for overseas shipment.
6247	TIOGA FOUNDRY CORP Supply panel for cupola dust control
6248	HALL HEAT TREAT CO Replace brick in door of 16' x 16' furnace
6249	STAUFFER CHEMICAL CO Repair F303 incinerator
6250	JOHNS MANVILLE CO Repair # 1 and # 2 boilers
6251	M G R S "SS Catalina" Repair Blrs 1. 2. 3. & 4
6252	STAUFFER CHEMICAL CO Design and supply hot air furnace
6253	STANDARD OIL CO Repair convection section of Selas furn. F 301

MAY 1970

6254	SO CALIF GAS CO Services of combustion engineer to operate rotary hearth kiln
6255	DISPENSER'S INC Repair DFC oven door
6256	SOULE STEEL CO Repair reheat furnace
6257	US BORAX Repair # 2 air heater plant 4 dryer
6258	GULF OIL CORP Repair hydrogen quench steam generator
6259	CALIF PORTLAND CEMENT Repair kiln hood
6260	PORT WELDING + MACHINE WORKS "SS Copper State" Repairs to port boiler
6261	DOCKSIDE MACHINE + BOILER WORKS "Sea Train Washington" Repairs to starboard boiler
6262	STANDARD OIL COMPANY Repairs to # 33 boiler
6263	U S BORAX Repairs to doghouse + sloping floor
6264	HARVEY ALUMINUM Labor only to repair # 2 foil furnace
6265	STANDARD OIL CO Repairs to #9, 10 11, + 12 units
6266	H KRAMER + CO Repairs to top main flue Repair rotary furnace

A

MAY 1970

- 6267 STANDARD OIL CO
Repairs to V208 gas generator
- 6268 STAUFFER CHEMICAL CO
Brick material for brick lining
for brink mist eliminator tank
- 6269 COLLIER CARBON CHEM CORP
POCO GRAPHITE CO
Flue system + afterburner for
carbon baking furnace
- 6270 FLUOR CORP
MOBIL OIL CORP
Design and supply two
sulphur furnaces
- 6271 CALIF PORTLAND CEMENT CO
Repair # 4 fuller cooler roof

JUNE 1970

- 6272 TODD SHIPYARDS
"SS American Forwarder"
Repair starboard blr
- 6273 SHELL OIL CO
Build scaffold in tower and repair brickwork
as necessary Htrs 20, 21, 23 2nd 27
- 6274 TOSCO PETRO CORP
Repair # 7 boiler
- 6275 U S BORAX
Repair # 3AB furnace plant 5
- 6276 US REDUCTION
Repair #51 and # 52 furnace
- 6277 STAUFFER CHEMICAL CO
Material only for combustion
- A Repair Package boiler

JUNE 1970

6278 PHILA QUARTZ
Repair Anhydrous furnace

6279 TEXACO INC
Repair C8 Line
A Repair C22 line
B Repair C10 line

6280 LEVER BROS
Rebrick girdler hydrogen furnace

6281 AMERCARGO
"SS American Forwarder"
Long Beach
Repair port boiler

6282 U S BORAX
Repair # 5 boiler

6283 INTERPACE
Misc Repairs

6284 U S BORAX
Minor repairs # 1AB furn
plant 5

6285 U S BORAX
Repair # 2 AB plant 5

6286 BETHLEHEM SHIPYARDS
"SS Overseas Alice"
Repair port and starboard boilers

6287 Port Welding
"SS Steel Chemist"
Repair port boiler

6288 RALPH M PARSONS CO
furnish matls + labor to install
refractories in magnesium
pilot plant.

JUNE 1970

6289 CONSOLIDATED MARINE
"SS China Bear"
San Pedro
Repair Starboard Boiler

6290 STAUFFER CHEMICAL
Vernon
Repair Sulphur Burner

6291 STANDARD OIL CO
El Segundo
Repair Boiler #34

6292 CROSBY + OVERTON
Long Beach
Rebrick Boiler Stack
"A" Reabrick Steam Machine

6293 GREAT LAKES CARBON
Wilmington
Repair #1 Kiln

6294 TODD SHIPYARDS
"SS Virginia Trader"
San Pedro
Repair Port + Starboard Boilers

6295 TEXACO
Montebello
Install lining in dust tunnel (per
Norton Dwg. RB-23316

6296 HARVEY ALUMINUM
Torrance
Labor repairs to #5 furnace

6297 U S BORAX RESEARCH
L. A.
Evaluation study B₂D₃ Furn. Plant 26

6298 CONSOLIDATED MARINE
"SS Pres Coolidge"
San Pedro
Repair starboard Blr

JUNE 1970

6299 PACIFIC SMELTING
Torrance Labor to rebuild 3
retort furnaces

6300 H K PORTER CO INC
Great Lakes Carbon Corp.
Wilmington
Construct # 3 coke calciner

6301 STATES MARINE ISTHMIAN AGENCY INC
"SS Keystone State"
Long Beach Repair starboard boiler

6302 STATES MARINE ISTHMIAN AGENCY INC
"SS Blue Grass State"
Long Beach Repair port boiler

6303 Monsanto Chemical Co
Long Beach Repair # 3 burner
"A" Repair # 2 burner

6304 GLASS CONTAINERS
Los Angeles Labor to repair shop 13
forehearth on # 1 furnace

6305 Procter + Gamble
Long Beach
Repair odor control furnace

6306 ABEX CORPORATION
Minneapolis Supply combustion and
flame safety equipment for cupola
afterburner

6307 Standard Oil Co.
El Segundo Repair boiler # 36

6308 SHELL OIL CO
Wilmington Repair boiler # 3

6309 Schlitz Brewery
Van Nuys Repair boiler # 1

JUNE 1970

- 6310 PHILADELPHIA QUARTZ
South Gate Repairs to Silicate
furnace
"A" Repair Anhydrous Furn.
- 6311 CONSOLIDATED MARINE
"SS Japan Bear"
Long Beach Repair starboard boiler
- 6312 PORT WELDING
"SS Bay State"
Long Beach Repair starboard blr

JULY 1970

- 6313 STEEL CASTING CO
Los Angeles Repairs to #1 furnace
- 6314 GULF OIL CO
Santa Fe Springs
Repair H-H1 Hydrogen heater
- 6315 HOOD CORP° Whittier
ATLANTIC RICHFIELD CO
Watson Install lining in Nichols
multihearth and floor in 12
Leopold concrete pits
- 6316 TEXACO REFINERY
Wilmington
Necessary support repairs on
tank V-654
- 6317 U S REDUCTION
Ontario Repair # 51 furnace
- 6318 CONSOLIDATED MARINE
"S S Pres Buchanan"
San Pedro
Repair starboard blr

JULY 1970

- 6319 Celotex Corp
Los Angeles, Repair #3 kettle and #2
tubular still and Springfield boiler.
- 6320 GENERAL ELECTRIC CO
Ontario Repairs to sweat furnace
"A" Repair A + M Furnace
"B" Repair Thorpe Die Castin g furn.
- 6321 TEXACO INC
Wilmington Repairs on HF302 #3
reactor hydrogen heater
"A" Repair HF301 #2 Hydrogen heater
"B" Reapir HF300 #1 Hydrogen hte
- 6322 GOLDEN EAGLE REFINING CO
Torrance Repair born heater
A To install burners in Born heater
- 6323 CONSOLIDATED MARINE
"SS Golden Bear"
San Pedro Repair starboard blr
- 6324 STATES STEAMSHIP
"SS Idaho"
Long Beach Repair burner throats
starboard blr
- 6325 HARVEY ALUMINUM OF WASH° INC
Torrance Design + construct four casting
furnaces at John Day reduction facility
Furnish Spare Parts
"A"
- 6326 Continental Can Co
Commerce Brick repair on Baffles for
line PC-1 incinerator.
- 6327 SHELL CHEMICAL CO
Ventura Remove and replace lining for
Pritchard secondary reformer
- 6328 PHILIPPINE PRES° LINES
"Pres. Osmena"
Repair starboard boiler

JULY 1970

6329 TORRANCE TUBING
Torrance Boiler repairs

6330 TEXACO INC
Wilmington Repair "B" Generator
"A" Repair "A" Generator

6331 WATSON CARBON + CHEMICAL
Wilmington Repair kiln + settling chamber

6332 INDUSTRIAL CONTRACTORS INC
Idaho Falls, Idaho
Arnold Engineering Development Center
Arnold Air Force Station
Tullahoma, Tennessee
Remove and re-install pebbles + refractory
lining in pebble air heater
"A" Installation of Lining at Tullahoma

6333 U S BORAX
Boron
Minor repairs # 4AB plant 5

6334 STAUFFER CHEMICAL CO
South Gate Repair # 3 kiln

6335 SCOTT RIGGING CO
Henderson, Nevada
Titanium Metals co
Henderson, Nevada
Design and supply one launder heater unit

6336 Soule Steel Co
Dominguez
Repair reheat furnace

6337 ACE FOUNDRY
Huntington Park
Pour concrete slab in oven

6338 BETHLEHEM SHIPYARDS
"SS Sierra" Terminal Island
Repair starboard boiler
"A" Repairs to starboard boiler

JULY 1970

6339 TODD SHIPYARDS
"SS Connecticut" San Pedro
Repair port + starboard boilers

6340 SHELL OIL CO
Dominguez Repairs to heater 24

6341 SHELL OIL CO
Dominguez Repair heater 16 and
Heater 20

6342 Myer Drum Co
Los Angeles Repair # 1 boiler south

6343 CONSOLIDATED MARINE
"SS Pres. Lincoln"
San Pedro Repair starboard boiler

6344 PHELPS DODGE
Los Angeles Repair annealing furnaces, sloping
hearth furn. and rotary hearth furn.

6345 PACIFIC SMELTING
Torrance
Repair # 2 muffle furn.

6346 DOCKSIDE MACHINE
"SS Jaricha" Long Beach
Repair starboard boiler

6347 TEXACO INC
Wilmington
Install insulation in high pressure vessel

6348 AERO JET GENERAL CORP
Fullerton
Repair glo-bar box furnace.

6349 Hall Heat Treating
Paramount
Repairs to furnace after explosion

~~6350 BROOKER & GAMBLE CO~~

JULY 1970

6350 Proc ter + Gamble
Long Beach
Repair # 3 boiler

6351 BETHLEHEM SHIPYARDS
"SS David E. Day"
Terminal Island
Repair port and starboard boilers

6352 CONTINENTAL CAN CO
Hayward
Repair 12,000 SCFM fume incinerator

6353 UNION PACIFIC REFINERY
Wilmington
Repairs to S400 Sulfur boiler

6354 H Kramer + Co
El Segundo
Repair # 2 Rotary furnace

6355 NORRIS INDUSTRIES
Vernon
Reline door on draw furnace #4129

AUGUST 1970

6356 TEXACO INC
Wilmington
Repair H-2 stripper tower

6357 Great Lakes Carbon Corp
Wilmington
Supply No. American Equip.
and pre-wired panel

6358 U S REDUCTION
Ontario
Repair # 52 Furnace
"A" Repairs to afterburner

6359 GREAT LAKES CARBON
Wilmington
Repair # 1 Kiln
A Repair Offic Bldg

036 0 XXX R A C H E X S M E L X I N N C

AUGUST 1970

6360 PACIFIC SMELTING
Torrance
Repair # #3 muffle furnace

6361 U S BORAX
Boron
Repair Plant 26
(doghouse)
A Repairs Plant 26 Furnace

6362 Standard Oil Co
El Segundo
Repair F 2 Heater

6363 H. Kramer + Co
El Segundo
Repair # 3 Furnace

6364 Ofcco
Atlantic Richfield Co
Wilmington
Repairs to Hydrogen furnace Insulate
manifold housing

6365 U S Borax
Wilmington
Repair # 2 boiler

6366 Texaco
Wilmington
Repair A Generator

6367 Bethlehem Shipyards
Port Hueneme
U S Navy Huntsville
Repair Starboard boiler

6368 Shell Chemical
Ventura
Selas Furnace
Repair Floor of Duct

~~6369 XXXXXSoul's Steak~~

6375
"A"
"B"
"C"

Field Installation
Spare Parts
Install Insulation on a Duct
System

6369	Soule Steel Dominguez Rebuild heheat furnace
6370	Calif Portland Cement Mojave Repairs to # 2 cooler roof
6371	Standart Oil Co El Segundo Repairs to cat cracker regenerator U - bend
6372	Interpace Glendale Misc. Repairs
6373	U S Borax Boron Minor repairs # 1 furnace plant # 5
6374	Standard Oil El Segundo Nec Repairs to # 47 crude unit
6375	Continental Can Co Passiac, N.J. Design + construct 8500 SCFM fume incinerator plant 30 incinerator + components contr. installation
6376	Aluminum Co. of America Vernon Replace refractory lining # 2 melting furnace
6377	Port Welding + Machine Works Port Hueneme U S N S Huntsville Repair Port Boiler

AUGUST, 1970 (cont'd)

6378	Sea Land Long Beach S S San Juan
6379	Farmer John Clougherty Packing Co - Vernon Repair fire box.
6380	MYERS DRUM - LOS ANGELES Repairs to drum kiln
6381	PROCTER AND GAMBLE - LONG BEACH Necessary repairs to Air Heater
6382	U S BORAX - BORON Repair #3 Boiler
6383	U S BORAX - BORON Major repairs #5AB Furnace
6384	U S BORAX - BORON Repair #2AB Furnace
6385	BETHLEHEM SHIP YARDS - Term. Island S S MOBILE OIL Repair port and starboard boilers
6386	NORRIS INDUSTRIES - MAYWOOD" Repairs to #2 Lindberg Furnace
6387	NORRIS INDUSTRIES - MAYWOOD Repairs to #2 Furnace

September, 1970

6388	FISH ENGINEERING (HOUSTON, TEXAS) J T THORPE COMPANY (HOUSTON, TEXAS) PANHANDLE EASTERN CO (Kansas City, Mo.) Design fume incinerator.
6389	CONSOLIDATED MARINE - SAN PEDRO SS CALIFORNIA BEAR Repair port boiler

SEPTEMBER, 1970 (continued)

- 6390 PROCTER AND GAMBLE - LONG BEACH
Repair Reformer Furnace
- 6391 HALL HEAT TREAT - PARAMOUNT
Replace roof and repair sidewall furnace #18
16 x 16 heat treat furnace
- 6392 EARLE M JORGENSEN STEEL CO - L.A.
Repair #5 Furnace
- 6393 FOSTER WHEELER CORP (Livingston, N.J.)
PSF INDUSTRIES (Seattle, Wash.)
ATLANTIC-RICHFIELD (Cherry Point, Wash.)
Stack lining
- 6394 U S BORAX - BORON
Repair #7AB Furnace
- 6395 PHILA. QUARTZ - SOUTH GATE
Repair Anydrous Furnace
- 6396 QUAKER OATS - WILMINGTON
Repair baffle in #1 boiler
- 6397 U S BORAX - BORON
Repair #1 Boiler
- 6398 COMBUSTION ENGINEERING CO - L.A.
U S ATOMIC ENERGY COMM. (Richland, Wash.)
Design and furnish materials for front wall
of two boilers.
- 6399 HOME-STAKE PRODUCTION CO
(LIMESTONE DIVN. - TULSA, OKLA.)
near Sahuarita, Arizona
Labor to install refractories - Lime Kiln,
Firing Hood and Dust Chamber
- 6400 UNION OIL CO - WILMINGTON
Design and construct FCC Gas Incinerator

SEPTEMBER, 1970 (continued)

- 6401 STAUFFER CHEMICAL CO - DOMINGUEZ
Repair manhole
- 6402 GREAT LAKES CARBON CORP - WILMINGTON
Repair #1 Kiln
(A) - furnish material only
- 6403 PORT WELDING - SAN PEDRO
SS HONG KONG BEAR
Enclose superheater doorway
- 6404 J F PRITCHARD CO (KANSAS CITY, MISSOURI)
ENJAY CHEMICAL CO (Baton Rouge, La.)
Design and construct two 40,000 scfm Phthalic
Anhydride incinerators
(A) - Construct and install two 67% effective
heat exchangers for above incinerators.
- 6405 SHELL CHEMICAL - WILMINGTON
Repair F4001, F4002 and hot oil furnace
- 6406 WATSON CHEMICAL - LONG BEACH
Repair chute below firing hood
- 6407 NORRIS INDUSTRIES - MAYWOOD
Repair #1 Furnace
- 6408 SHELL OIL CO - DOMINGUEZ
Repair Heater #24
- 6409 STANDARD OIL CO - EL SEGUNDO
Repairs to F1A, F1B, F1C, F3 and F5
at platformer
- 6410 PACIFIC SMELTING CO - TORRANCE
Repair #5 Muffle Furnace
- 6411 PACIFIC SMELTING CO - TORRANCE
Repair vibrating hearth furnace
- 6412 SHELL OIL CO - DOMINGUEZ
Repair Boiler #5

SEPTEMBER, 1970 (continued)

- 6413 STAUFFER CHEMICAL - WESTEND
Repair #1 Calciner Furnace
- 6414 CLIMATE CONDITIONING CORP, Stanton, Calif.
OWL CONSTRUCTION CO, Compton, Calif.
Repair front wall of Riley boiler damaged
during shipment
- 6415 STANDARD OIL - EL SEGUNDO
Repair pump foundation #4 District
- 6416 STAUFFER CHEMICAL CO - LONG BEACH
Repair H601 and H602 Sulfur Burners
- 6417 U S BORAX - WILMINGTON
Replace burner mounting plates, burner tile
and make refractory repairs
- 6418 STANDARD OIL - EL SEGUNDO
Repair Furnace F301 at Isomax Plant
- 6419 PACIFIC ELECTRICAL AND MECHANICAL CO - LA
CROWN CORK AND SEAL (Fullerton)
Repair stack lining for fume burner
- 6420 RALPH M PARSONS CO
BANFF OIL LTD (ALBERTA, CANADA)
Design and supply one Waste Gas Incinerator
and Breeching
- 6421 TOSCO PETRO - BAKERSFIELD
Repair #7 boiler
- 6422 NORRIS INDUSTRIES - MAYWOOD
Repair #1 Hearth Furnace
- 6423 COLLIER CARBON - BREA
Engineering and materials for brick-lined
"U" bend.
A - Field installation

SEPTEMBER, 1970 (continued)

6424 NORRIS INDUSTRIES - VERNON
Repair #1 Pickling Tank

OCTOBER, 1970

6425 REDMAN EQUIPMENT CO (TORRANCE)
Repairs to Heater E906

6426 DELCO-REMY (ANAHEIM)
Repairs to door sill

6427 POWERINE OIL (SANTA FE SPRINGS)
Repairs to Lomax Heater

6428 MONSANTO CHEMICAL (LONG BEACH)
Repair #2 Burner

6429 TEXACO (WILMINGTON)
Brickwork repairs to #1 and #2 VPS Heaters

6430 L W LEFORT CO (ANAHEIM)
NORRIS INDUSTRIES (VERNON)
Install acid brick lining in #3 Pickle Tank

6431 SELAS CORPORATION (LA)
STANDARD OIL (EL SEGUNDO)
Repair insulation on upper tube seal casting
on Selas Furnace

6432 TOSCO PETRO (BAKERSFIELD)
Refractory lining - Flue Gas Lines

6433 AMERICAN CAN CO (VERNON)
Labor and material to remove and replace
2 American Can-furnished tile and castable
refractory around burner

6434 UNION OIL (WILMINGTON)
Construct and deliver one H₂S Furnace

6435 BETHLEHEM SHIPYARDS (LONG BEACH)
USS DENVER Repair blrs 1 and 2.

- 6436 BETHLEHEM SHIPYARDS
USS DENVER - Long Beach
Repair boilers #1 and #2
- 6437 H KRAMER AND CO (EL SEGUNDO)
Repair #1 Rotary Furnace
- 6438 STANDARD OIL (EL SEGUNDO)
Repair Heater F530-A, F530-B, F540-A
and F620-A
- 6439 FIBERBOARD PAPER PRODUCTS (VERNON)
Repair B+W Stirling Boiler
- 6440 CONSOLIDATED MARINE
"SS KOREAN BEAR" (SAN PEDRO)
Repair Port Boiler
- 6441 TEXACO (WILMINGTON)
Repair hot oil system, circulating system heater
- 6442 U S REDUCTION (ONTARIO)
Repair Boilers #51 and #52
- 6443 U S BORAX (BORON)
Remodel air mixing chamber, #2AB, Plant 5.
A - Construct new mix chamber
- 6444 STANDARD OIL (EL SEGUNDO)
Repair refined oil treating separator
- 6445 STANDARD OIL (EL SEGUNDO)
Repair F302 Hydrofiner
- 6446 U S BORAX (BORON)
Major repairs, #4AB Furnace, Plant 5
- 6447 TOBD SHIPYARDS (SAN PEDRO)
"CHEVRON LEIGE"
Repair port and starboard boilers
- 6448 GULFOIL CO (SANTA FE SPRINGS)
Lining for transition duct - boiler to economizer

OCTOBER, 1970

- 6449 U S BORAX (BORON)
Repair Plant 26, B₂O₃ furnace
- 6450 U S BORAX (WILMINGTON)
Repair ABA Furnace
- 6451 REPUBLIC CARBON PRODUCTS
DIVN AMAX CORP (BAKERSFIELD)
Design and construct two metallurgical coke kilns
- 6452 SHELL OIL (WATSON)
Build scaffold in Brine Oxidizer Column
- 6453 TODD SHIPYARDS (LONG BEACH)
SS ORIENTAL ARROW
Repair port boiler
- 6454 W R GRACE AND CO (DAVISON CHEMICAL DIVN)
SOUTH GATE
Repair combustion chamber in 3 Peabody Air Htrs
- 6455 BETHLEHEM SHIPYARDS (TERM. ISLAND)
SS PHILLIPINE BEAR
Line 2 economizer vestibule doors
- 6456 STANDARD OIL (EL SEGUNDO)
Repairs to butadiene plant
- 6457 KAISER STEEL (FONTANA)
Labor to insulate hot air ducting
- 6458 SOULE STEEL (LONG BEACH)
Repair reheat furnace
'A' - Repair jambs on west door of south wall
- 6459 STAUFFER CHEMICAL (WESTEND)
Repair trefoil in lime kiln
- 6460 HARVEY ALUMINUM (TORRANCE)
Repair Upton Salt Bath

- 6461 STANDARD OIL CO (EL SEGUNDO)
Repair pump foundation
- 6462 TODD SHIPYARDS (SAN PEDRO)
SS JUNEAU
Remove and install burner tile around 5 burner
openings in Foster-Wheeler boiler
- 6463 U S BORAX (BORON)
Repair #3AB Furnace, Plant 5 - Secondary roof
- 6464 U S BORAX (BORON)
Minor repairs #5AB Furnace, Plant 5
- 6465 U S BORAX (BORON)
Minor repairs #2AB
- 6466 AMERICAN PRESIDENT LINES (SAN PEDRO)
SS PRESIDENT HAYES
Repair port boiler
- 6467 COLLEY ENGINEERS AND CONST. CO.
SO. CALIF. REFINING (WATSON)
Rebrick two oil heaters
- 6468 STEEL CASTING CO (LOS ANGELES)
Repairs to #2 Annealing Furnace
- 6469 W R GRACE AND CO (DAVISON CHEMICAL DIVN)
SOUTH GATE
Repair Swenson evaporator
- 6470 U S BORAX (BORON)
Repair #2 Dryer, Plant 3
- 6471 SHELL OIL CO (DOMINGUEZ)
Repair #2 Dubbs
- 6472 DELCO-REMY (ANAHEIM)
Furnish and install brick lining in lead
furnace.
- "A" Repair Furnace Door

NOVEMBER, 1970

- 6473 GREAT LAKES CARBON (WILMINGTON)
Furnish and install preheat burners, control
equipment and cooling air fan for #2 combustion
chamber
- 6474 H KRAMER AND CO (EL SEGUNDO)
Repair #1 flue and main flue
- 6475 KAISER STEEL CO (FONTANA)
Labor to install refractories in walking beam furnace.
- 6476 BETHLEHEM SHIPYARDS (TERM. ISLAND)
SS ARIZONA STANDARD
Repair port and starboard boilers
- 6477 CONSOLIDATED MARINE (SAN PEDRO)
SS CALIFORNIA BEAR
Repair port boiler
- 6478 BETHLEHEM SHIPYARDS (TERM. ISLAND)
SS ATLANTIC TRADER
Repair port and starboard boiler
- 6479 W R GRACE AND CO (DAVISON CHEMICAL CO)
SOUTH GATE
Repair calciner firebox
- 6480 STAUFFER CHEMICAL CO (WESTEND)
Design and furnish fuse cast lining for outlet
on fusing furnace
- 6481 COLLIER CARBON AND CHEMICAL (SANTA MARIA)
Repair #2 Kiln and Stack
- 6482 OFCCO CONSTRUCTION (LONG BEACH)
B F GOODRICH CO - LOS ANGELES
Gunitite internal lining of tank
- 6483 PHILIPPINE PRESIDENT LINES (SAN PEDRO)
c/o AMERIND SHIPPING CORP (NEW YORK)
SS PRESIDENT MACAPAGAL
(furnish material)

- 6484 STANDARD OIL CO (EL SEGUNDO)
Repairs to Boiler #35
- 6485 U S REDUCTION (ONTARIO)
Repair #51 Furnace
- 6486 ALCAN (RIVERSIDE)
Repair #64 melting furnace
- 6487 U S BORAX (BORON)
Repair #6AB Furnace, Plant 5
- 6488 SHELL OIL CO (DOMINGUEZ)
Labor to build scaffold #7 Boiler and misc. repairs.
- 6489 SOULE STEEL (LONG BEACH)
Repair reheat furnace
- 6490 BETHLEHEM SHIPYARDS (TERM. ISLAND)
SS SANTA MONICA
Repair port and starboard boilers
- 6491 PROCTER AND GAMBLE MFG CO (LONG BEACH)
Repair #3 Boiler
- 6492 GREAT LAKES CARBON CO (WILMINGTON)
Repair #2 Kiln
- 6493 STANDARD OIL CO (EL SEGUNDO)
Repair Boiler #32
- 6494 MONSANTO CHEMICAL CO (LONG BEACH)
Repair catch basin, #3 Burner
- 6495 POWERINE OIL CO (SANTA FE SPRINGS)
Cat cracker shutdown - repairs to cyclone
- 6496 U S BORAX - BORON
Repair #5 Boiler

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- 6497 MONSANTO CHEMICAL CO (LONG BEACH)
Repair #2 Burner

- 6498 TRANS PACIFIC TRANSPORTATION
SS ZEELAND (TERMINAL ISLAND)
Repairs to port boiler

- 6499 POWERINE OIL CO (SANTA FE SPRINGS)
Repair reboiler furnace

- 6500 RALPH M PARSONS CO (LOS ANGELES)
ARCO REFINERY (CHERRY POINT, WASH.)

- 6501 KOPPERS CO (FONTANA)
Repair to batch still

- 6502 HOLT INDUSTRIES (VENICE)
Line air inductor

- 6503 U S BORAX (BORON)
Minor repairs, #2 Boiler

- 6504 PHELPS DODGE CORP (LOS ANGELES)
Refractory linings, 15/Ton Ascast gas
holding furnace
'A' - Install 4" castable refractory in
spill basin below melting furnace.

- 6505 POWERINE OIL (SANTA FE SPRINGS)
Repair sulfur burner

- 6506 BETHLEHEM SHIPYARDS (TERM. ISLAND)
USS TOLOVANA
Repair boilers 1, 2, 3 and 4

- 6507 STANDARD OIL CO (EL SEGUNDO)
Necessary repairs to F610 - A and B Heaters,
F510 - A and B Heaters, F520 - A and B Heaters,
Isocracking Reactor section, Plant 6

- 6508 STANDARD OIL CO (EL SEGUNDO)
Repairs to #3 Catalytic Reformer, Plant 4
- 6509 REFINING ASSOCIATES (ORANGE, CALIF.)
Furnish material for overseas shipment
- 6510 CALIF./ALABAMA PIPE CO (SOUTH GATE)
Line cupola ductwrk
- 6511 PACIFIC SMELTING (TORRANCE)
Repairs to #4 Muffle Furnace
- 6512 SUPERWELD CORPORATION (N. HOLLYWOOD)
Brickwork repairs to GE electric furnace
- 6513 ~~at~~ TEST FURNACE
- 6514 TOSCO PETRO CORP (BAKERSFIELD)
Necessary repairs on coker turnaround
- 6515 TEXACO INC (WILMINGTON)
Repair #2 asphalt crude still
- 6516 NORRIS INDUSTRIES (VERNON)
Repair electric furnace
- 6517 U S BORAX (BORON)
Pump insulation around burners, B2O3 Furnace,
Plant 26
- 6518 GREFCO (LOMPOC)
Brickwork repairs, #2 kiln
- 6519 SHELL CHEMICAL CO (DOMINGUEZ)
Install new burner tile around each of
five burners on box furnace F3 and F4
- 6520 THATCHER GLASS CO (SAUGUS)
Repair #2 Glass Tank
- 6521 GENERAL ELECTRIC (ONTARIO)
Repair die cast furnace

DECEMBER, 1970

6522	"B"	Acid Brick Paving Around Sulphuric Acid Tank
"C"		Remove Concrete Fill in Bottom of Water Rinse Tank
6525	"B"	Install Soundproofing
"C"		Stack Lining Repair
"D"		Install 3 Burners and Soundproofing Material.

6522	RICH STEEL PICKLING CO (LA)	Construct new sulfuric acid pickling tank. A - Repair water rinse tank
6523	OCEAN SALT CO (LONG BEACH)	Repairs to kiln
6524	CROSBY AND OVERTON (LONG BEACH)	(Work to be done at tt yard) Insulate one boiler casing steam machine #5
6525	FLUOR CORP (HOUSTON) ARCO (CARSON, CALIF.)	Install refractory lining, Foster-Wheeler Heater 'A' - Unload and store material
6526	GOLDEN EAGLE REFINERY (TORRANCE)	Repair two Bigelow boilers
6527	PHILADELPHIA QUARTZ CO (SO GATE)	Repair silicate furnace
6528	CALIF. SHIPBUILDING USS TALUGA	Repair #1 and #2 Boiler
6529	U S BORAX (BORON)	Repair #3 Air Heater
6530	U S BORAX (BORON)	Repair Line 7 Furnace
6531	U S BORAX (BORON)	Repair #5 Boiler r
6532	U S BORAX (BORON)	Major repairs #1 Furnace, AR Plant "A" Complete Repairs #1AR Furnace
6533	U S BORAX (BORON)	Minor repairs #2AR Furnace "A" Complete Repairs #2AR Furnace

- 6534 S-G METALS INC (GARDENA)
Furnish Detrick material
- 6535 GLIDDEN-DURKEE DIVN (BALTIMORE, MD.)
Fabricate and deliver 5 Adiabatic duct sections
- 6536 GREAT LAKES CARBON (WILMINGTON)
Provide test temperature control equipment
for preheating of #3 settling chamber
- 6537 SOULE STEEL (LONG BEACH)
Repair reheat furnace
- 6538 SHELL OIL (DOMINGUEZ)
Repair secondary cyclone
- 6539 STATE STEAMSHIP LINE (LONG BEACH)
SS MONTANA
Repair starboard boiler
- 6540 WATSON CHEMICAL CO (WILMINGTON)
(HARVEY ALUMINUM)
Furnish and install combustion chamber
preheat burners
- 6541 PROCTER AND GAMBLE (LONG BEACH)
Repair Peabody Air Heater
- 6
6542 GENERAL ELECTRIC (ONTARIO)
Construct furnace door for die cast furnace
- 6543 CONTINENTAL CAN CO (COMMERCE PLANT)
Refractory repairs on fume burner unit

JANUARY, 1971

- 6544 U S REDUCTION (ONTARIO)
Repair #52 Furnace
- 6545 GREAT LAKES CARBON (WILMINGTON)
Repair #1 Kiln

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- 6546 CALIF. PORTLAND CEMENT (COLTON)
Repair #1 Kiln, Firing Hood and Cooler
- 6547 CAPITAL WESTWARD (WILMINGTON YARD)
Insulate "T" Section
- 6548 U S BORAX (BORON)
Preparation of Drawings for B₂O₃ Furnace
- 6549 U S BORAX (BORON)
Updating Fusing Plant Furnace Drawings
- 6550 TODD SHIPYARDS (SAN PEDRO)
USS CALIENTE
Repair Boilers 1, 2, 3 and 4
- 6551 KEYSTONE SHIPPING (WILMINGTON)
SS FORT FETTERMAN
Repair starboard boiler
- 6552 COLLIER CARBON AND CHEMICAL (BREA)
Labor to install Corundum brick lining and
checkers in secondary reformer.
- 6553 KAY-BRUNNER (ALHAMBRA)
Repair #11B Heat Treating Furnace
- 6554 PROCTER AND GAMBLE (LONG BEACH)
Repair Peabody Heater
- 6555 STANDARD OIL CO (EL SEGUNDO)
Repair #48 Crude Unit
- 6556 BETHLEHEM SHIPYARDS (TERM. ISLAND)
Repair burner on B+W Stationary boiler
in boiler house.
- 6557 PROCTER AND GAMBLE (LONG BEACH)
Repair Odor Control furnace

6552
"A"
"B"
Repair Primary Reformer B701
Repair Floor of Concrete Tank

- 6558 PACIFIC SMELTING (TORRANCE)
Repair #3, #4 and #5 Muffle Furnace and
Vibrating Hearth
- 6559 L W LEFORT (ANAHEIM)
NORRIS INDUSTRIES (VERNON)
Install acid brick lining in one pickling tank.
- 6560 REFINING ASSOCIATES (ORANGE)
Furnish material for export
- 6561 INGLEWOOD PARK CEMETERY (INGLEWOOD)
Repairs to cremation retort furnace #2
- 6562 HANSKILL MAINTENANCE (LONG BEACH)
U S GYPSUM (SOUTH GATE)
Repair #11 Still
- 6563 STANDARD OIL CO (EL SEGUNDO)
Repair #39 boiler
- 6564 SHELL CHEMICAL CO (VENTURA)
Repairs to Bros Boiler
- 6565 U S BORAX (~~WK~~ BORON)
Minor repairs #1AB Furnace
- 6566 STAUFFER CHEMICAL (LONG BEACH)
Repair H901-B Boiler
- 6567 SCOTT RIGGING (HENDERSON, NEVADA)
Design and supply one Launder Heater Unit
and furnish misc. No. American parts
- 6568 J T THORPE COMPANY (HOUSTON, TEXAS)
SHELL OIL COMPANY (HOUSTON, TEXAS)
Tail Gas Incinerator - ~~at~~ Grid Burner
- 6569 HARVEY ALUMINUM (TORRANCE)
Repair #9 Reverb Furnace
- 6570 SHELL OIL CO (DOMINGUEZ)
Repair #9 Boiler

JANUARY, 1971

- 6571 DI CARLOS BAKERY (SAN PEDRO)
Repair Baffle Wall in Bread Oven
- 6572 STAUFFER CHEMICAL CO (REDONDO BEACH)
REDONDO STEAM STATION
Refractory repairs #17 Boiler
- 6573 SO. CALIF. EDISON CO
REDONDO STEAM STATION (REDONDO BEACH)
Refractory repairs #17 Boiler
- 6574 INGLEWOOD PARK CEMETERY (INGLEWOOD)
Replace hearth tile for #2 Cremation Retort Furnace
- 6575 STAUFFER CHEMICAL CO (LONG BEACH)
Repair incinerator
- 6576 KERR GLASS MFG. CORP. (SANTA ANA)
Repair Glass Furnace
- 6577 H. KRAMER (EL SEGUNDO)
Minor repairs #1 Reverb

FEBRUARY 1971

- 6578 BETHLEHEM SHIPYARDS
SS TEXACO GHENT (TERMINAL ISLAND)
Repair main boiler
- 6579 MONSANTO CHEMICAL (LONG BEACH)
Repair #1 burner
- 6580 CONS. MARINE
SS HONG KONG BEAR (SAN PEDRO)
Repair port boiler
- 6581 CALIFORNIA SHIPBUILDING
USS GUADALUPE (LONG BEACH)
Repair boilers 1, 2, 3 and 4

FEBRUARY 1971

- 6582 HOLT INDUSTRIES (VENICE)
Labor to line inductor
- 6583 WATSON CARBON + CHEMICAL (WILMINGTON)
Rotary cooler - refractory lining
- 6584 STANDARD OIL CO (EL SEGUNDO)
Labor + equipment to cut 42 porcelain tile.
- 6585 LIANCO CONTAINER CORP (CHICAGO, ILL.)
ST LOUIS, MISSOURI
~~Design and supply one 21,000 SCFM fume~~
~~incinerator~~
- 6586 STANDARD OIL CO (EL SEGUNDO)
Repair #3 thermo cracker unit
- 6587 US BORAX (BORON)
Major repairs - #3AB Furnace, Plant 5
- 6588 REFINING ASSOC. (ORANGE)
Furnish material for export
- 6589 STANDARD OIL CO (EL SEGUNDO)
Repair Alkylation Plant
- 6590 UNION OIL CO (WILMINGTON)
Maintenance repairs
- 6591 WEYERHAUSER CO (LA PUENTE)
Remove old stack and install new stack
"A" Repair existing incinerator
- 6592 GREAT LAKES CARBON CO (WILMINGTON)
Testing #3 settling chamber and comb. chamber
- 6593 US BORAX (BORON)
#4AB - Secondary roof

6585
"A"
"B"
Design and Supply one 15,000 SCFM Fume Incinerator
and one 18,000 SCFM Fume Incinerator
Installation
Spare Parts

FEBRUARY 1971

- 6594 SOULE STEEL CO (LONG BEACH)
Repair smoking section - reheat furnace
"A" Gunitite castable refractory on side wall of
pit on casting furnace
- 6595 THATCHER GLASS CO (SAUGUS)
Repair #1 furnace due to earthquake damage
"A" Fireproofing
- 6596 STANDARD OIL CO (EL SEGUNDO)
Install red brick in pipe leading to separator
- 6597 STANDARD OIL CO (EL SEGUNDO)
Repair Cat. Cracker
- 6598 SHELL CHEMICAL CORP (TORRANCE)
Repair boiler #F-1015
- 6599 INTERPACE (GLENDALE)
Miscellaneous repairs
- 6600 THATCHER GLASS (SAUGUS)
Rebuild #3 furnace due to earthquake damage
"A" Fireproofing
- 6601 GAS PROCESSORS (BREA)
Install lining in one Broach Heater
- 6602 CONTINENTAL CAN CO (VAN NUYS)
Repair 2 Fume Burners
- 6603 CONS. MARINE (SAN PEDRO)
SS PRESIDENT LINCOLN
Repair Starboard Boiler
- 6604 PROCTER + GAMBLE (LONG BEACH)
Repair girdler furnace
- 6605 THORPE INSULATION CO (LOS ANGELES)
ANHEUSER BUSCH (VAN NUYS)
Repair #3 Boiler
- 6606 TODD SHIPYARDS (SAN PEDRO)
SS STEEL CHEMIST
Repair port and starboard boilers

FEBRUARY 1971

- 6607 MOBIL OIL CO (TORRANCE)
Install 3" thick lining litecrete-90 in Co Boiler Duct
- 6608 CONSOLIDATED MARINE (SAN PEDRO)
SS GOLDEN BEAR
Brickwork repairs to vestibule of Starboard Boiler
- 6609 US BORAX (BORON)
Minor repairs #5AB
- 6610 FILTROL CORP (LOS ANGELES)
Repair #1424 Acid Digester
- 6611 US BORAX (BORON)
Major repair - #2AB Furnace
- 6612 CONTINENTAL CAN CO (LOS ANGELES)
UNION PACIFIC PLANT
Modify beer can ovens BC1, BC2, and BC3
- 6613 CRANE CO (COLTON)
Repair Kiln
- 6614 THATCHER GLASS (SAUGUS)
Repair #2 Furnace
"A" Steel Protection + Insulation
- 6615 KAYNAR MFG CO (FULLERTON)
Repair Retort Furnace
- 6616 TOSCO PETRO (BAKERSFIELD)
Hexteel Lining Material for Top Zone of TCC
Reactor
- 6617 GRANO STEEL (LOS ANGELES)
Install 5½" Lining Litecrete-70 in 76" ID 96"
Long Cylinder
"A" Line Additional 2' Change of Firebox
- 6618 HARVEY ALUMINUM (TORRANCE)
Repair #1 Circular Furnace

FEBRUARY 1971

- 6619 US BORAX (BORON)
Major repair Plant #26
"A" Repair Doghouse Plant #26

MARCH 1971

- 6620 GREAT LAKES CARBON CO (WILMINGTON)
Repair #3 Kiln
- 6621 WATSON CARBON + CHEMICAL (WILMINGTON)
Repair Kiln and Cooler Chute
- 6622 STANDARD OIL CO (EL SEGUNDO)
Install Penntrowel in two pump bases around the
pump #885 tank
- 6623 ABEX CORP (MEADOWLANDS, PA)
Supply comb. and flame safety equipment for
Cupola Afterburner
- 6624 COLLIER CARBON + CHEMICAL (BREA)
Guniting two drainage pits
- 6625 CONTINENTAL CAN CO (VAN NUYS)
Burner revision to two Fume Burners
- 6626 STANDARD OIL CO (EL SEGUNDO)
Repairs to C12 Caustic Scrubber
- 6627 TEXACO (WILMINGTON)
Scaffold rental
- 6628 PROCTER + GAMBLE (LONG BEACH)
Repair Granular Furnace
- 6629 HUNTS WESSON FOODS INC (FULLERTON)
Repairs to boilers #7 and #9
- 6630 REULAND ELECTRIC (CITY OF INDUSTRY)
Install new refractory linings in two 3500#
Melting Furnaces

MARCH 1971

- 6631 BETHLEHEM SHIPYARDS (TERMINAL ISLAND)
SS NAVASOTA
Repair #4 Boiler
- 6632 EHRHART + ASSOC (LOS ANGELES)
SHELL CHEMICAL CO (DOMINGUEZ)
Install acid brick linings
- 6633 PHELPS DODGE CORP (LOS ANGELES)
Repair Ascast Holding Furnace
- 6634 SHELL OIL CO (DOMINGUEZ)
Repair #8 Boiler
- 6635 SHELL OIL CO (DOMINGUEZ)
Repair #24 heater, cross box
- 6636 STANDARD OIL CO (EL SEGUNDO)
Repair F202 Furnace rerun stills
- 6637 LEVER BROS (LOS ANGELES)
Repair #1 Boiler
- 6638 US BORAX (BORON)
Design and install scrubber system duct work
#6AB Furnace
- 6639 TEXACO (WILMINGTON)
Repair Regenerator and Reactor
"A" Repair C10 Line
- 6640 HUMBLE OIL + MFG CO (BATON ROUGE LA)
RALPH M PARSONS CO (LOS ANGELES)
Design and construct two waste gas incinerators
- 6641 CITY OF PASADENA (PASADENA)
Labor + equipment for sparying refractory on unit
B3 boiler tubes
- 6642 DAY + NIGHT MFG CO (LA PUENTE)
Renew outlet pipe in acid tank water heater
pickle line

6632
"A"
"B"
Install 30 ft of Curbing
Replace Acid Brick + Membrane on Damaged
Area of Floor

MARCH 1971

6643 TEXACO (MONTEBELLO)
Repairs to synthesis gas regenerator

6644 SHELL OIL CO (WILMINGTON)
Repair vertical fired feed heater at the DHT
(Shell Heater PT-29)

6645 J M COVINGTON CORP (BAKERSFIELD)
Design and supply BSP coke cooler

6646 CALIF PORTLAND CEMENT (COLTON)
Repair #2 kiln hood

6647 US BORAX (BORON)
#6AB Furnace - Minor repairs to breeching

6648 KAYNAR MFG. CO (FULLERTON)
Rebrick Lindberg pit furnace

6649 INTERPACE (GLENDALE)
Repair #21 pottery kiln due to earthquake damage

"A" Repair #22 Pottery Kiln
6650 CONTINENTAL CAN CO (COMMERCE)
Design and construct 3000 SCFM fume incinerator

6651 STAUFFER CHEMICAL (DOMINGUEZ)
Necessary repairs to nitro acid pump base

6652 PACIFIC PUMP (HUNTINGTON PARK)
Necessary repairs to Union iron works package
boiler

6653 CLIMATE CONDITIONING (CAL STATE - FULLERTON)
Repair baffle damaged in freight shipment

6654 ALEX ROBERTSON CO
SHELL OIL CO (WILMINGTON)
Lining for ground flare

6655 PACIFIC VALVE (LONG BEACH)
AA22 lining on two slide valve discs

MARCH 1971

- 6656 COMBUSTION ENGINEERING INC (ORANGE)
KAUAI ELECTRIC CO
PORT ALLEN POWER STN (KAUAI HAWAII)
Furnish material for one C-E boiler
- 6657 CELOTEX CORP (LOS ANGELES)
Repairs to tubular still #1 and #2
- 6658 J T THORPE + SON INC (EMERYVILLE)
STANDARD OIL CO (RICHMOND, CALIF)
Dryout for four reformer reactors
- 6659 STANDARD OIL CO (EL SEGUNDO)
Repairs to F520 A + B Furnace and F510 A + B
Furnace
- 6660 STAUFFER CHEMICAL CO (LONG BEACH)
Repair #700 Incinerator
- 6661 U S BORAX (BORON)
Repair Air Heater #1, Plant 4, Minor Repairs
- 6662 TEXACO (WILMINGTON)
Repair "A" Generator
- 6663 GREAT LAKES CARBON (WILMINGTON)
#3 Kiln-Acid Brick Lining in Duct, Chute to
Precipitator
"A" Remove + Replace Dams in #3 Kiln
- 6664 GULF OIL (SANTA FE SPRINGS)
Repair Co Boiler
"A" Repair Selas (Reformer) Heater
- 6665 TODD SHIPYARDS (SAN PEDRO)
"SS AMERICAN CHIEFTAIN"
Repair Port and Starboard Boilers
- 6666 WHELAND FOUNDRY (CHATTANOOGA, TENN.)
Burner and Flame Safety for Cupola Afterburner

APRIL 1971

- 6667 RALPH M PARSONS CO
ARCO (CHERRY POINT, WASH.)
Labor and material for Technical Services to
Conduct Tests as Directed by Client.
- 6668 VISTRON CORP (HAWTHORNE)
SILMAR DIVISION
Precast 3 Burners and 6 Refractory Sleeves
(At ~~jt~~ Yard)
- 6669 NORRIS INDUSTRIES (VERNON)
Repairs to #1 Dip Pickling Tank
- 6670 STANDARD OIL CO (EL SEGUNDO)
Repair F202 Heater
- 6671 GREAT LAKES CARBON (WILMINGTON)
Repair #2 Kiln
- 6672 INTERPACE (VICTORVILLE)
Repair Shuttle Kiln
- 6673 A JOHNSON + CO (OXNARD)
Repair Boiler and Upright Heater
- 6674 STANDARD OIL CO (EL SEGUNDO)
Repair #10 Boiler-Butadiene Plant
- 6675 RALPH M PARSONS CO
STANDARD OIL CO (EL SEGUNDO)
Repair Born Heater
- 6676 TEXACO (MONTEBELLO)
Repair 20" ID Generator
- 6677 KAISER STEEL CO (EAGLE MOUNTAIN)
Repair Dravo Furnace During May Shutdown
- 6678 KAISER FABRICATING (FONTANA)
Repair Car Bottom Furnace

APRIL 1971

- 6679 AUTO SPECIALTIES MFG CO (ST JOSEPH, MICH)
Supply Burner and Flame Safety Equipment for
Cupola Afterburner
- 6680 KAY BRUNNER STEEL (ALHAMBRA)
Renew Doors
- 6681 BETHLEHEM SHIPYARDS (TERM ISLAND)
"SS HAWAIIAN MOTORIST"
Repair Port Boiler
- 6682 US BORAX (BORON)
#4AB Furnace Roof and Front and Sidewalls
- 6683 SHELL CHEMICAL CO (DOMINGUEZ)
Repair F-3 Heater
- 6684 JOHNS-MANVILLE PRODUCTS CORP (LONG BEACH)
Repair #3 Boiler
- 6685 PHELPS DODGE CORP (MORENCI, AIRZONA)
Supply 5 burners and Installation Design for
#3 Reverb
- 6686 STANDARD OIL CO (EL SEGUNDO)
Repair Platformer
- 6687 HARVEY ALUMINUM (TORRANCE)
Repair #3 Furnace
- 6688 QUAKER OATS (WILMINGTON)
Repair #2 Boiler
- 6689 SHELL OIL CO (DOMINGUEZ)
Repair CO Boiler
- 6690 LEVER BROTHERS (LOS ANGELES)
Repair #2 Boiler
- 6691 CONSOLIDATED MARINE (SAN PEDRO)
"SS PRESIDENT COOLIDGE"
Repairs to

APRIL 1971

- 6692 CALIFORNIA PORTLAND CEMENT (COLTON)
Repair #1 Kiln Hood
- 6693 TODD SHIPYARDS (SAN PEDRO)
"SS AMERICAN TRADER"
Repair Port & Starboard Boilers
- 6694 SOULE STEEL CO (LONGBEACH)
Repair Reheat Furnace

MAY 1971

- 6695 GULF OIL CO (SANTA FE SPRINGS)
Labor and material to install John Zink Burner
Tile in heaters RHIA, RHIB and RHIC at
#2 Reformer
- "A" Labor and material to remove and replace 10 L. F.
on east side of convection section of heater RHIA.
- 6696 H KRAMER & CO (EL SEGUNDO)
Repair Reverb Furnace
- 6697 HARVEY ALUMINUM (TORRANCE)
Repair #10 Reverb Furnace
- 6698 C M I (SAN PEDRO)
"SS KOREA BEAR"
Repair Port Boiler
- 6699 REPUBLIC CARBON CO (BAKERSFIELD)
Install refractory lining in 19' 6" ID
six-hearth BSP Calcining Furnace
- * "A" Additional Work
- 6700 EARLE M JORGENSEN CO (SEATTLE, WASH)
Conversion of A2 and A5 annealing furnaces to
dual-fuel combination system.
- "A" Add Pilot FM Checking system to Furnace A2.
- 6701 NORMAN PITT CO (LOS ANGELES)
Design and construct rice hull burner
- 6702 AMETEK ALUMINUM EXTRUSION (L. A.)
Supply one combustion control panel for
aluminum melting furnace

MAY 1971

- 6703 CHAMPLIN PETROLEUM (WILMINGTON)
Repair heaters H100, H200 and H300
- 6704 J D DIFFENBAUGE INC (RIVERSIDE)
LONG BEACH SALT CO (SALTDAL, CALIF)
Labor and material to line standard steel
dryer
- 6705 PACIFIC SINTERED METALS (GARDENA)
Install lining in 20" retort elevator furnace
- 6706 SHELL OIL CO (WILMINGTON)
DOMINGUEZ REFINERY
Repair Heater #14
- 6707 OFCCO (LONG BEACH)
STANDARD OIL CO (EL SEGUNDO)
Repairs to damage in transit on Foster-Wheeler
heater #4531
"A" Same as above - Heater #4532
- 6708 H KRAMER CO (EL SEGUNDO)
Repairs to rotary furnace
- 6709 SHELL CHEMICAL CO (DOMINGUEZ)
Repair F4 Heater
- 6710 CALIFORNIA SHIPBUILDING (LONG BEACH)
TUGBOAT "GEAR"
Repair Galley Range
- 6711 INTERPACE (LOS ANGELES)
Repair #3 Pottery Kiln
- 6712 U S BORAX (BORON)
Major repairs #1AB Furnace
- 6713 INTERPACE (GLENDALE)
Repair #22 Tile Kiln
- 6714 DELTA PROJECTS LTD (RAINBOW LAKE,
ALBERTA, CANADA)
Engineering to modify tail gas incinerator

MAY 1971

- 6715 M. G. R. S. (SAN PEDRO)
"SS CATALINA"
Repairs to Boilers 1, 2, 3 & 4
- 6716 TODD SHIPYARDS (SAN PEDRO)
"SS IDAHO"
Remove and replace burner tile in
starboard boiler
- 6717 STANDARD OIL CO (EL SEGUNDO)
Repair F101 Furnace at Cat. Reformer
- 6718 THORPE INSULATION
ANHEUSER BUSCH (VAN NUYS)
Repairs to #4 Keeler Boiler
- 6719 STANDARD OIL CO (EL SEGUNDO)
ISOMAX COMPLEX
Repair Throat of Synthesis gas generator
- 6720 CONTINENTAL CAN CO (PATTERSON, N. J.)
Design and construct two 10,000 SCFM
Incinerators
"A" Installation of components
- 6721 RIETZ MFG CO (ANAHEIM)
Install lining in dryer firebox
- 6722 STAUFFER CHEMICAL CO (DOMINGUEZ)
Install acid brick lining in new Alum Cooler
- 6723 CONTINENTAL CAN CO (COMMERCE)
Inspect, clean, adjust and repair PC-2
Fume Burner
- 6724 QUAKER OATS CO (E LOS ANGELES)
Repairs to B & W Boiler
- 6725 GREAT LAKES CARBON (WILMINGTON)
Design and construct #4 Kiln

6722
"A"
"B"

Repair Pump Base P30A
Extra Labor to lay floor dry, the N pick-up
and lay in mortar

MAY 1971

- 6726 COMBUSTION ENGINEERING
POWER SERVICES DEPT (WINDSOR, CONN)
ARIZONA PUBLIC SERVICES CO
SAGUARO STEAM STATION
RED ROCK, ARIZONA
Repairs to C-E Boiler damaged in Explosion
- 6727 J D DIFFENBAUGH INC (SAN JUAN CAPISTRANO)
OWENS ILLINOIS INC (MISSION VIEJO, CALIF)
Install refractories in one dryer firebox
- 6728 U S BORAX (WILMINGTON)
Repair #1 Boiler
- 6729 U S BORAX (BORON)
Repair #5AB Furnace
- 6730 U S BORAX (BORON)
Repair #7AB Furnace
- 6731 W R GRACE CO (SOUTHGATE)
Repair #32 Kiln
- 6732 INTERPACE (LOS ANGELES)
Miscellaneous Repairs
- 6733 OFCCO CONSTRUCTION CO (LONG BEACH)
Repair Field Boiler
- 6734 DELCO-REMY (ANAHEIM)
Repair Sill of Lead Furnace
"A" Repair Sill of Lead Furnace

JUNE 1971

- 6735 PORT WELDING (LONG BEACH)
"SS RAPPAHANNOCK"
Repairs to Port Boiler
- 6736 U S BORAX (BORON)
Repair #3 Boiler

JUNE 1971

6737

J T THORPE CO (HOUSTON)
FLUOR CORP (LOS ANGELES)
MOBIL OIL CORP (BEAUMONT, TEXAS)
Refractory Lining for new FCC Unit

6738

SHELL OIL CO (DOMINGUEZ)
Repair #2 Boiler

6739

SHELL OIL CO (DOMINGUEZ)
Build Scaffold in Heater 19 - Petrochem
Furnace

6740

U S BORAX (BORON)
Repairs to #3AB Furnace

6741

COLLIER CARBON + CHEMICAL (BREA)
Repairs to decomposer

6742

CITY OF PASADENA (PASADENA)
Guniting economizer - Broadway #2 station

6743

CONSOLIDATED MARINE (SAN PEDRO)
"SS PRESIDENT LINCOLN"
Repair port boiler

6744

CALIFORNIA SHIPBUILDING (LONG BEACH)
"USS MANATEE A.O. 58"
Repair boilers 1, 2, 3 and 4

6745

STAUFFER CHEMICAL CO (DOMINGUEZ)
Acid Brick lining H_2SO_4 make tank T30A

6746

STATES STEAMSHIP (LONG BEACH)
"SS MICHIGAN"
Repair port boiler

6747

SHELL CHEMICAL CO (WILMINGTON)
Repair NW exterior corner of F3 brickwork
plus point up internal brick on center wall

6748

U S BORAX + CHEMICAL CORP (BORON)
#7AB - Major repairs
"A" Repair #2 Burner - 7AB Furnace

JUNE 1971

6749 STANDARD OIL CO (EL SEGUNDO)
Repair Boiler #36

6750 WATSON CARBON + CHEMICAL (WILMINGTON)
Repair kiln lining

6751 AEROJET GENERAL CORP (FULLERTON)
Repair knapp-lee quick quench annealing
furnace

6752 PACIFIC VALVES INC (LONG BEACH)
Install AA22 lining in 8 slide valves
"A" Install AA22 lining in 6 slide valves

6753 NORTHROP CORP (HAWTHORNE)
Repair pebble air heater

6754 STAUFFER CHEMICAL (DOMINGUEZ)
Acid brickwork on pump bases
"A" Acid Brickwork on Pump Base

6755 AMERICAN PRESIDENT LINES (SAN PEDRO)
CMI
"SS PRESIDENT MONROE"
Repair starboard boiler

6756 REYNOLDS METALS (TORRANCE)
Brickwork and burner repair

6757 MONSANTO CHEMICAL (WILMINGTON)
Repair #3 burner

6758 GREAT LAKES CARBON (WILMINGTON)
Repair #3 kiln
"A" Repair Discharge Chute

6759 BETHLEHEM STEEL CORP (VERNON)
Acid brick repairs to galvanizing tank area
"A" Resurface Acid Tank Wall

6760 STARKIST TUNA INC (TERMINAL ISLAND)
Refractory lining in one large evaporator
firebox dryer
"A" Line Stack on Small Furnace

6761 U S BORAX (BORON)
#1AB-Plant 5 - minor repairs

JUNE 1971

- 6762 UNION OIL CO (WILMINGTON)
Repairs to petrochem oil furnace
(drawing C1628-14A)
- 6763 CELOTEX CORP (LOS ANGELES)
Repairs to kettle #6
"A" Annual shutdown inspection
- 6764 TEXACO (MONTEBELLO)
Repairs to 6' diameter generator
- 6765 SEALAND (LONG BEACH)
"SS BROOKLYN"
Repair starboard boiler
- 6766 U S BORAX (BORON)
Minor repairs to discharge chute -
#6AB furnace
- 6767 KOPCO (PORT HUENEME)
Repair kelp dryer
- 6768 STANDARD OIL CO (EL SEGUNDO)
Acid brick lining in cistern pump
- 6769 INTERPACE (GLENDALE)
Repair #24 tile kiln
- 6770 STANDARD OIL CO (EL SEGUNDO)
Repair #37 boiler
- 6771 MONSANTO CHEMICAL CO (LONG BEACH)
Repairs to calciner combination unit
- 6772 CMI (SAN PEDRO)
"SS OREGON BEAR"
Repair port boiler
- 6773 STANDARD OIL CO (EL SEGUNDO)
Fireproofing in C-101 area

6763
"B"
"C"
Replace Brickwork Front + Rear Walls due
to Steel Plate Replacement
Repair Asphalt Still

JUNE 1971

- 6774 BALL CORP (WEST COAST DIVISION)
EL MONTE
Repair #1 Melting Furnace
- 6775 LEVER BROTHERS (LOS ANGELES)
Furnish and install ceilcote floor surfacing
- 6776 OCEAN SALT CO (LONG BEACH)
Repair burner lining
- 6777 KEYSTONE SHIPPING (WILMINGTON)
"SS GAINES MILL"
Repair Starboard boiler
- 6778 STANDARD OIL CO (EL SEGUNDO)
Repair F301 heater at SMR plant
- 6779 RALPH M PARSONS CONST CO OF CANADA
AQUITAINE CO OF CANADA
RAM RIVER (CANADA)
Design and construct one waste gas incinerator
"A" Repairs to Buffalo Forge Blower
- 6780 U S BORAX (BORON)
#5AB furnace - Secondary roof

JULY 1971

- 6781 PHILADELPHIA QUARTZ (SOUTH GATE)
Repairs to silica furnace
- 6782 THORPE INSULATION
HUGHES AIRCRAFT (CANOGA PARK)
Labor only for repairs to boiler
- 6783 E M JORGENSEN CO (LOS ANGELES)
Repair #5 heater
- 6784 TOSCO PETRO (BAKERSFIELD)
Repairs to selas heater #20-H-11

JULY 1971

6785 GREAT LAKES CARBON CORP (WILMINGTON)
Repair #1 kiln
"A" Repair settling chamber
"B" Repair cooling chute

6786 US BORAX (BORON)
Repair #5 Boiler

6787 MOBIL OIL CO (TORRANCE)
Repair #1 F1 crude heater

6788 TEXACO INC (WILMINGTON)
Repair "B" generator

6789 WATSON CARBON+CHEMICAL CO
(WILMINGTON)
Repair kiln lining

6790 SHELL OIL CO (DOMINGUEZ)
Repair #3 Boiler

6791 PHELPS DODGE CORP (LOS ANGELES)
Repair rotary furnace
"A" Repair pierce furnace
"B" Repair #682 furnace
"C" Repair #683 furnace

6792 BETHLEHEM SHIPYARDS (TERMINAL ISLAND)
"USS MISTILLION" AO-105
Repairs to boilers 1, 2, 3 +4

6793 U S BORAX (BORON)
Repair #5 boiler

6794 REPUBLIC CARBON PRODUCTS (BAKERSFIELD)
Labor and material to install lining in cyclone

6795 STANDARD OIL CO (EL SEGUNDO)
Repairs to F101A, F101B, F102A and F102B
heaters
"A" Repair 301A and B crude heaters

JULY 1971

- 6796 INTERPACE (GLENDALE)
Brickwork repairs to B-1 kiln
- 6797 U S BORAX (BORON)
Major repairs to #1 AB - Plant 5
- 6798 ALPASE (DOWNEY)
Gunitite Pryor-Giggey's hot top moldit on
sidewalls of reverb furnace
- 6799 A. JOHNSON + CO (OXNARD)
Repair upright heater
- 6800 KAISER STEEL CORP (FONTANA)
Labor only to reline #2 blast furnace
- 6801 TEXACO INC (WILMINGTON)
Install crystal, silica sand, and lumnite cement
in bottom half - V-1008 vessel
- 6802 BETHLEHEM SHIPYARDS (TERMINAL ISLAND)
"USS HEPBURN"
Repair boilers 1A + 1B
- 6803 ALUMINUM EXTRUSION (LOS ANGELES)
Labor to repair furnace
- 6804 EHRHARDT AND ASSOCIATES
STANDARD OIL CO (EL SEGUNDO)
Labor and material to install fireproofing
- 6805 MONSANTO CHEMICAL (LONG BEACH)
Repair #3 Burner
- 6806 TODD SHIPYARDS (SAN PEDRO)
"WESTERN HUNTER"
(UNION OIL DOCK #46)
Brickwork repairs port boiler

JULY 1971

6807 TODD SHIPYARDS (SAN PEDRO)
"SS HOUSTON"
Repair port and starboard boilers

6808 SOULE STEEL CO (LONG BEACH)
Repairs to reheat furnace

6809 STANDARD OIL CO (EL SEGUNDO)
Repair header doors

6810 BETHLEHEM STEEL CORP (VERNON)
Modify 16" - 12" mill billet reheat furnace

6811 TODD SHIPYARDS (SAN PEDRO)
"SS HAWAIIAN QUEEN"
Repair port and starboard boilers

6812 GENERAL ELECTRIC CO (ONTARIO)
Repair Thorpe die cast furnace
"A" Repair Thorpe sweat furnace
"B" Repair reverb furnace
"C" Repair 2 12" Belt Annealing Ovens

6813 U S BORAX (BORON)
#2AB Furnace - Minor repairs

6814 U S BORAX (BORON)
#6AB furnace - Minor repairs

6815 GREAT LAKES CARBON CO (WILMINGTON)
Repair #2 kiln
"A" Repair cooler chute

6816 BETHLEHEM SHIPYARDS (TERMINAL ISLAND)
"SS WYOMING"
Repair port and starboard boilers

6817 SHELL CHEMICAL CO (DOMINGUEZ)
Repair F4001 - DMK converter preheater and
F4002 DMK converter

6818 TODD SHIPYARDS (SAN PEDRO)
"SS CALIFORNIA BEAR"
later

6810
"A"
"B"
Repair + Enlarge Furnace Flue
Material and Labor not covered by above.

JULY 1971

- 6819 UNION CARBIDE + CHEMICAL (TORRANCE)
Repair #5 Furnace
- 6820 STANDARD OIL COMPANY (EL SEGUNDO)
Repair #48 Crude unit
- 6821 STANDARD OIL COMPANY (EL SEGUNDO)
Fireproof column in cumene
- 6822 STANDARD OIL COMPANY (EL SEGUNDO)
Repair F302 feed heater in hydrofiner plant
- 6823 SHELL OIL COMPANY (DOMINGUEZ)
Repair #4 Boiler
- 6824 U S BORAX (BORON)
Minor repairs #4AB Furnace, Plant 5

~~AUGUST 1971~~

- 6825 KAISER FABRICATING (FONTANA)
Extend Plate Heating Furnace - 9'0"
"A" Install Castable on Furnace for floor
"B" Detail New Flapper Door
- 6826 STANDARD OIL COMPANY (EL SEGUNDO)
Repair F206 Heater
- 6827 TODD SHIPYARD (SAN PEDRO)
"USS CALIENTE" AO-53
Repair Boilers 1 and 4
- 6828 STAUFFER CHEMICAL COMPANY
DOMINGUEZ
Repair #2 Caustic Pot
- 6829 SHELL OIL COMPANY (DOMINGUEZ)
Repair Heater #13
- 6830 CONTINENTAL CAN CO
UNION PACIFIC PLANT
Revision to 3 burners

AUGUST 1971

6831	U S BORAX (BORON) Repair Boiler #2 - Rear and side walls and burner throat
6832	STAUFFER CHEMICAL COMPANY (DOMINGUEZ) Repairs to #4 Caustic Pot
6833	U S BORAX (BORON) Minor repairs to #5 furnace, Plant 5
6834	J T THORPE + SON INC (EMERYVILLE) COMBUSTION ENGINEERING INC (ORANGE) TEXACO (SAN ARDO, CALIF) Repairs to "A" Type Boiler
6835	U S BORAX (WILMINGTON) Repair #2 Boiler
6836	INTERPACE (GLENDALE) Repair #1 Pottery Kiln
6837	J T THORPE CO (HOUSTON) PAN HANDLE EASTERN PIPE (ALEDO, OKLA, Repair Waste Gas Incinerator
"A"	Engineering Services
6838	INTERPACE (GLENDALE) Miscellaneous Repairs
6839	U S BORAX (BORON) Repair #7 Furnace - Mixing Chamber Roof
6840	STAUFFER CHEMICAL (DOMINGUEZ) Repair F3 Incinerator
6841	WATSON CARBON + CHEMICAL (LONG BEACH) Necessary Repairs to kiln
6842	L W LEFORT CO (ANAHEIM) Install acid brick paving in one pickle tank.

AUGUST 1971

6843
"A"
"B"
Repair Absorbing Tower, 5D102.
Repair Combustion Chamber.

6843 COLLIER CARBON + CHEM (WILMINGTON)
Reline 98% acid tank

6844 TEXACO INC (WILMINGTON)
Repair CO Boiler

6845 MOBIL OIL CORP (TORRANCE)
Repair FCC Regenerator lower cone
"A"
Repair CO Boiler

6846 J T THORPE COMPANY
GREAT LAKES CARBON CORP
PORT ARTHUR, TEXAS
Water cooled stack breeching damper

6847 QUALITY PACKING CO (LOS ANGELES)
Rebrick two boilers

6848 J T THORPE CO (HOUSTON)
M W KELLOGG CO
STANDARD OIL CO (PASCAGOULA, MISS)
Reactor dryout

6849 BETHLEHEM SHIPYARDS (TERMINAL ISLAND)
"SS PHILLIP NEW JERSEY"
Repair port and starboard boilers

6850 US BORAX (BORON)
Repair Plant #26 furnace
"A"
Repair #26 Doghouse

6851 CALIFORNIA PORTLAND CEMENT (COLTON)
Labor repairs to #2 Todd Air Furnace
"A"
Repairs to #1 Kiln + Cooler
"B"
Repairs to Kiln Boiler
"C"
Repair #1 Todd Furnace

6852 BETHLEHEM SHIPYARDS (TERMINAL ISLAND)
"SS PIONEER VALLEY"
Repair Port Boiler

6850
"B"
"C"
Labor to Line Flue to Stack
Furnish Cooling Air Piping, Front
Wall

AUGUST 1971

6853 STANDARD OIL CO (EL SEGUNDO)
Repair F1 Atmospheric Furnace and F2
Vacuum Furnace - #1 Crude Unit

6854 HARVEY ALUMINUM (TORRANCE)
Labor only to ram one Ajax Inductor Furnace
"A" Labor and material for door

6855 CALIFORNIA SHIPBUILDING (TERM. ISLAND)
"USS MANATEE"
Repair Boilers 1 and 3

6856 DELCO REMY (ANAHEIM)
Repair Furnace Sill

6857 H KRAMER + COMPANY (EL SEGUNDO)
Repairs to the #1 Reverb and Main Flue

6858 STAUFFER CHEMICAL (DOMINGUEZ)
Acid Brick Lining in Concrete Sumps

6859 MONTROSE CHEMICAL CORP (LOS ANGELES)
Labor and material to install acid brick lining
in tank

6860 U S BORAX (BORON)
Replace tubes and brickwork #3 Boiler

6861 ARIZONA PORTLAND CEMENT
RILLITO, ARIZONA
Design and construct air heater

6862 SHELL OIL COMPANY (DOMINGUEZ)
Repairs to #9 Boiler

6863	COLLIER CARBON + CHEMICAL (UNION) BREA Repair Primary Reformer Heater
6864	HARVEY ALUMINUM (TORRANCE) Repair the Bar Billit Mill Furnace
"A"	Whiten Arc Electrical Furnace
6865	ASSOCIATED PIPE + ENGR. CORP. COMPTON Labor and material to install AA22 in Eight (8) ends
6866	CONTINENTAL CAN CO (COMMERCE) Rebuild two Brick Arches in Line C-2 Incinerator
6867	POWERINE OIL COMPANY SANTA FE SPRINGS Necessary repairs to Lomax DC Furnace
6868	EARLE M JORGENSEN CO (SEATTLE) Construct one Forge Furnace 13' x 20'
6869	PACIFIC CONVEYOR CO (DOWNEY) Carbon Brick Lining Acid Pickling Tank
"A"	Repair Carbon Brick lining in acid tank
6870	STANDARD OIL CO (EL SEGUNDO) #2 Residium Stripper S201 A + B
6871	CALIFORNIA PORTLAND CEMENT (COLTON) Repairs to #2 Firing Hood and Cooler
6872	STANDARD OIL CO (EL SEGUNDO) Fireproof the Naptha Hydrotreater - Plant #45
6873	SEALAND (SAN PEDRO) "SS BOSTON" Port and Starboard Boiler

SEPTEMBER 1971

6874 FILTROL CORP (VERNON)
Necessary repairs to "C" Calciner
Repair "B" Calciner
"A"
6875 RALPH M PARSONS CO
STANDARD OIL CO (EL SEGUNDO)
Refractory Linings - Sulfur Recovery Unit
Furnish Material
"A"
6876 STARKIST TUNA (TERMINAL ISLAND)
Repair Stack in Large Dryer

6877 U S BORAX (WILMINGTON)
Repairs to #5 Boiler

6878 SOULE STEEL CO (LONG BEACH)
Repair Preheat Furnace
"A"
6879 Repair Castable Refractory in Preheat Unit
CONTINENTAL CAN CO
UNION PACIFIC PLANT
Repair Brick Arch Baffles on Oven Line C-3

6880 ALCAN (RIVERSIDE)
Design and Construct 55,000# Aluminum
Melting Furnace
"A"
6881 Roof opening and Closure
TEXACO INC (WILMINGTON)
Repairs to "A" Generator North

6882 STANDARD OIL CO (GAVCOTA)
Insulate Convection Section of BSP Thermal
Heater

6883 U S BORAX (BORON)
Repairs to Line #5

6884 TEXACO INC (WILMINGTON)
Repair Combustion Section of HTU2 F101
Heater

SEPTEMBER 1971

6885	CALIFORNIA PORTLAND CEMENT ARIZONA PORTLAND CEMENT RILLITO, ARIZONA Refractory Linings Kiln, Cooler and Preheater
6886	BETHLEHEM SHIPYARDS (TERMINAL ISLAND) "SS TENADORES" Repairs to Port Boiler
6887	HARVEY ALUMINUM (TORRANCE) Brickwork Repairs to #11 Furnace
6888	U S BORAX (BORON) Labor to make major repairs to #5 Furnace at #5 Plant
6889	U S BORAX (BORON) Labor and equipment to make repairs to #26 Doghouse
6890	CALIFORNIA PORTLAND CEMENT (MOJAVE) Cut two 8" holes - #3 Kiln Housing
6891	NATIONAL TANK AND MANUFACTURING LOS ANGELES Line Inert Gas Generator
6892	SWINDELL-DRESSLER (VICTORVILLE) INTERPACE Labor to install Lining In Tunnel Kiln
6893	TORRANCE TUBING (TORRANCE) Repair Reducing Furnace
6894	STAUFFER CHEMICAL CO (LONG BEACH) Repair Boiler H-601
6895	PACIFIC SMELTING (TORRANCE) Repair #5 Muffle Furnace

SEPTEMBER 1971

6896 MOBIL OIL CORP (SANTA FE SPRINGS)
Repairs to #1 Boiler

6897 STAUFFER CHEMICAL CO (CARSON)
Acid Brick Repairs to Pump Bases
P104, P107, P120, P103 A+B, P102 A+B
and P34A.

"A" Line Box using epoxy

OCTOBER

6898 TEXACO (WILMINGTON)
Repair H2S Stripper

6899 GARDENA POST OFFICE (GARDENA)
Repair Thermo Pak Boiler

6900 JACOBS ENGINEERING
HOOKER CHEMICAL COMPANY
SEARLES LAKE, CA.
Design and Construct Melting Furnace

6901 CONSOLIDATED MARINE (SAN PEDRO)
"SS PRESIDENT TAYLOR"
Repair Front Wall, Starboard Boiler

6902 CONSOLIDATED MARINE (SAN PEDRO)
Repair Port Boiler
"SS GOLDEN BEAR"

6903 REDMAN EQUIPMENT COMPANY (TORRANCE)
Tail Gas Heater

6904 CONSOLIDATED MARINE (SAN DIEGO)
"SS PRESIDENT LINCOLN"
Repair Starboard Boiler

6905 KAY-BRUNNER (ALHAMBRA)
Repair Heat Treating Furnace

6906 MASTER BUILDERS (CUCAMONGA)
North American Service and Parts

OCTOBER 1971

6907	PACIFIC SMELTING (TORRANCE) Repair #2 Furnace
6908	INTERPACE (GLENDALE) Brickwork Repairs to #23 Pottery Kiln
6909	U S BORAX (BORON) Install Secondary Roof - #3AB Furnace
6910	EMERY INDUSTRIES (CITY OF COMMERCE) Repairs to #2 Pot Still
6911	DELCO-REMY (ANAHEIM) Repairs to Door Sill
6912	CITY OF PASADENA (PASADENA) Install Refractory Lining, Unit B-2, Economizer Wall
6913	RALPH M PARSONS (LOS ANGELES) NL INDUSTRIES (ROWLEY, UTAH) Design and Construct Gas Fired Launder Heaters
6914	BETHLEHEM SHIPYARDS (TERMINAL ISLAND) "SS SANTA MARIA" Repair Port and Starboard Boilers
6915	STANDARD OIL CO (EL SEGUNDO) Repairs to Cat Reformer #SO1 thru #SO6 "A" Fireproof Vessel and Piers
6916	WATSON CARBON + CHEMICAL (WILMINGTON) Necessary Repairs to Kiln Lining "A" Gunitite #1 Kiln Tail End "B" Rework
6917	APEX SMELTING (LONG BEACH) Combustion Equipment and Service Call
6918	DELCO-REMY (ANAHEIM) Repair Door Sill

OCTOBER 1971

- 6919 FILTROL CORP (LOS ANGELES)
Furnish and Supply Acid Proof Lining for one
3' x 10' Digestion Tub
- 6920 U S BORAX (BORON)
#3AB Furnace - Minor Repairs to Roof
- 6921 STAUFFER CHEMICAL CO (DOMINGUEZ)
Repair Primary Quench Chamber, Plant 2
"A" Brick Line Quench Tower Pump Base
- 6922 BETHLEHEM SHIPYARDS (TERMINAL ISLAND)
"SS ORIENTAL AMIGA"
Repair Foster-Wheeler D-Type Boiler
- 6923 U S BORAX (BORON)
#4AB Furnace - Hot Patch Repair
- 6924 GULF OIL CO (SANTA FE SPRINGS)
Repair Crude Heater #CHI
- 6925 U S BORAX (BORON)
Line 7 Furnace - Repair RA Discharge
Spout
"A" Repair to Scrubber - Line 7
- 6926 HEAT ENGINEERING + SUPPLY
SAN GABRIEL
Construct Refractory Enclosure for Sodium
Heater
- 6927 STANDARD OIL CO (EL SEGUNDO)
Install Bulk Head in 2 Tile Drains at Hot Oil
Treating Plant.
- 6928 STANDARD OIL CO (EL SEGUNDO)
Repair F2 Vacuum Furnace at No. 1 Crude
Unit
- 6929 SOULE STEEL CO (LONG BEACH)
Repair Reheat Furnace

OCTOBER 1971

- 6930 STANDARD OIL CO (EL SEGUNDO)
Repair Boiler #35
- 6931 SHELL OIL CO (DOMINGUEZ)
Repairs to Coke Plant Due to Fire.
- 6932 BETHLEHEM SHIPYARDS (TERMINAL ISLAND)
"SS MOBIL OIL"
Repair Port Boiler

NOVEMBER 1971

- 6933 CONTINENTAL CAN CO
UNION PACIFIC PLANT (LOS ANGELES)
Modify Catalytic Unit of Line C9
- 6934 RALPH M PARSONS CO (LOS ANGELES)
NATIONAL LEAD CO
SALT LAKE CITY, UTAH
Design and Supply Combustion System for 5
Magnesium Pot Furnaces
- 6935 U S BORAX (BORON)
Repairs to #1 RA Furnace
- 6936 BETHLEHEM SHIPYARDS (TERMINAL ISLAND)
"USS PASSUMPSIC - ALIO7"
Repairs to Boilers 1, 2, 3, + 4
- 6937 SHELL OIL CO (DOMINGUEZ)
Repair Heater #19
- 6938 U S BORAX (BORON)
Repair #4AB Furnace
- 6939 U S BORAX (BORON)
Repair to Spout - #2 RA Furnace

NOVEMBER 1971

- 6940 BETHLEHEM SHIPYARDS (TERMINAL ISLAND)
"Lompoc"
Repair Port and Starboard Boiler
- 6941 ALLIED CHEMICAL (EL SEGUNDO)
Repair Hydrogen Sulfide Burner
- 6942 ALLIED CHEMICAL (EL SEGUNDO)
P. A. Incinerator Insulate Top and Bottom Heat
Exchanger
"A" Repair Burner
- 6943 U S BORAX (BORON)
Repair #1AB Plant 5
- 6944 STANDARD OIL COMPANY (EL SEGUNDO)
Repair Heaters F1A, F1B, and F1C and Heaters
F2, F3, F4 and F5 at Platformer
"A" Fireproof C-5 Tower
- 6945 CONTINENTAL CAN CO (COMMERCE)
Rebuild 3,000 CFM Fume Incinerator to 5,000
CFM Fume Incinerator
- 6946 CMI (SAN PEDRO)
"SS PRESIDENT BUCHANAN"
Repair Starboard Boiler
- 6947 H KRAMER (EL SEGUNDO)
Repair #1 Reverb
- 6948 STANDARD OIL CO (EL SEGUNDO)
Repair Hydrofiner
- 6950 EARLE M. JORGENSEN CO (SEATTLE)
Design and Construct Car Bottom Tempering
Furnace

NOVEMBER 1971

- 6951 PACIFIC VALVES (~~tt~~ YARD)
Install AA22 in Valve
- 6952 US BORAX (BORON)
Repairs to #2AB Furnace, Plant 5
- 6953 EARLE M JORGENSEN CO (LOS ANGELES)
Replace Existing Flame Safeguard on Aluminum
Billet Heater with New Model.
- 6954 POWERINE OIL CO (SANTA FE SPRINGS)
Concrete Lining in Lomax Rerun Overhead
Receiver
- 6955 U S BORAX (BORON)
Repair #4AB, Plant 5
- 6956 FIBREBOARD CORP (VERNON)
Furnish and Install Brickwork in #1 Boiler
- 6957 GREAT LAKES CARBON CORP (WILMINGTON)
Repair #4 Kiln
- 6958 PROCTER + GAMBLE (LONG BEACH)
Repair Peabody Furnace
- 6959 TORRANCE TUBING (TORRANCE)
Repair Zink Bath Furnace
- 6960 C.M.I. (SAN DIEGO) (PIER #10)
"SS PRESIDENT HARRISON"
Repair Starboard Boiler
- 6961 JOHNS MANVILLE CORP (LONG BEACH)
Repair #1 Boiler
- 6962 INTERPACE (GLENDALE)
Repair #2 Pottery Kiln
- 6963 PROCTER + GAMBLE (LONG BEACH)
Repair #2 Boiler

NOVEMBER 1971

- 6964 C.M.I. (SAN PEDRO)
"SS PRESIDENT HARRISON"
Repair Starboard Boiler
- 6965 STAUFFER CHEMICAL (DOMINGUEZ)
Install Acid Brick in Sewer Sump
"A" Install 1 $\frac{1}{4}$ " Duro Splits in Double Pump Base
- 6966 U S BORAX (BORON)
#7AB FURNACE Repairs
- 6967 SHELL OIL CO (DOMINGUEZ)
Necessary Repairs to #7 Boiler
- 6968 CONTINENTAL CAN CO
WESTERN COMPLEX
Modification to Fuel Gas Supply Systems
and Control Systems
- 6969 TODD SHIPYARDS (TERMINAL ISLAND)
"SS HAWAIIAN CITIZEN"
Repairs to Starboard Boiler
- DECEMBER
- 6970 GREAT LAKES CARBON (WILMINGTON)
Install Decrete-40 on Settling Chamber Roof
of #4 Kiln
- 6971 BETHLEHEM SHIPYARDS (TERMINAL ISLAND)
"USS LANG - DE 1060"
Repairs to Boiler 1-B
- 6972 U S BORAX (BORON)
Repair Plant 4, #2 Air Heater
- 6973 APEX SMELTING (LONG BEACH)
Repair #3 Furnace
- 6974 TEXACO (WILMINGTON)
Repair #2 Still at #2 Crude Unit

DECEMBER 1971

- 6975 PROCTER + GAMBLE (LONG BEACH)
Repairs to Hydrogen
- 6976 HANSKILL REFINERY + MAINTENANCE CORP
LOS ANGELES
ALLIED CHEMICAL (EL SEGUNDO)
Repairs to Decomposition Chamber and
Waste Heat Boiler
- 6977 INTERPACE (VICTORVILLE)
Install new Roof on Thorpe Shuttle Kiln
- 6978 POWERINE OIL CO (SANTA FE SPRINGS)
Install Lining in one Auxiliary Burner
- 6979 GREAT LAKES CARBON (WILMINGTON)
Repairs to #3 Kiln
- 6980 U S BORAX (BORON)
Repair Sloping Hearth in ABA Furnace and
ABA Discharge Spout Floor
- 6981 POWERINE OIL CO (SANTA FE SPRINGS)
Repairs to Lomas DC Heater
- 6982 F. T. ZIEBARTH CO (CARSON)
ORANGE COUNTY SANITATION DISTRICT
Repairs to Incinerator
- 6983 C. M. I. (SAN PEDRO)
"SS PRESIDENT HARRISON"
Repair Starboard Boiler
- 6984 SHELL CHEMICAL CO (VENTURA)
Repairs to Reformer
"A" Repair Lower Vestibule of Secondary Reformer
- 6985 BETHLEHEM SHIPYARDS (TERMINAL ISLAND)
"SS HOOPER"
Repairs to #1 B Boiler

DECEMBER 1971

- 6986 H KRAMER COMPANY (EL SEGUNDO)
Repairs to #1 Reverb
- 6987 U S BORAX :(BORON)
Repair RA Spout #IRA Furnace, Old Plant
- 6988 CONTINENTAL CAN CO (TERMINAL ISLAND)
Rebuild 2 Catalytic Units
- 6989 CONTINENTAL CAN CO (VAN NUYS)
Addition of Burner Grids to 2 Fume Incinerators
- 6990 STAUFFER CHEMICAL CO (DOMINGUEZ)
Necessary Repairs to #1 Absorbing Tower
Plant #1
- 6991 COLLIER CARBON & CHEMICAL (BREA)
Install Castable In Arch Steel Castings
Assembly
- 6992 W R GRACE & CO (SOUTH GATE)
DIVN OF DAVISON CHEMICAL
Repairs to Cross-Over Ducts in Swenson
Evaporator
- 6993 SHELL OIL CO (DOMINGUEZ)
Repair #20B Heater
- 6994 PACIFIC SMELTING CO (TORRANCE)
Repairs to #1 Muffle Furnace
- 6995 AMETEK ALUMINUM EXTRUSION CORP
LOS ANGELES
Repair Melting Furnace and Replace Tap Out
in Holding Furnace
- 6996 AMETEK ALUMINUM EXTRUSION CORP
LOS ANGELES
Design and Construct 80, 000# Homogenizing
Furnace

6991 Collier Carbon + Chemical

"A"

Install new Burner Deflectors around
Burners and make necessary
brickwork repairs to Convection Section.

DECEMBER 1971

6997 AIROX CORP (SANTA MARIA)
Repair Lining in Cyclone and Fluidized Bed
Reactor

6998 AMETEK ALUMINUM EXTRUSION
LOS ANGELES
Furnish Pressure Switches, etc., for two
Aging Furnaces
"A" Provide labor to Install Above Material

6999 STEARNS-ROGER CORP
DENVER, COLORADO
PHELPS-DODGE CORP
MORENCI, ARIZONA
Design one Air Preheater

7000 CONTINENTAL CAN CO
CORPORATE PURCHASING
NEW YORK
3-9000 SCFM Fume Incinerators
Portland, Oregon

7001 BETHELEHEM SHIPYARDS (WILMINGTON)
"SS AVILLA"
Repair Starboard Boiler

7002 STANDARD OIL CO (EL SEGUNDO)
Repair Pump Bases C49 and C50.

7003 TODD SHIPYARDS (SAN PEDRO)
"SS OAKLAND"
Repair one Boiler Door

7004 PACIFIC SMELTING (TORRANCE)
Repairs to Muffle #4

7005 CALIFORNIA PORTLAND CEMENT CO.
COLTON
Repair #1 Kiln
"A" Repairs to Cooler

JANUARY 1972

- 7006 STANDARD OIL CO, EL SEGUNDO
Repair F301 Furnace in Isomax Plant
"A" Arch and tube support castings and
point up expansion joints
"B" Repair roof on F301
- 7007 U S BORAX, BORON
Repair #4AB Furnace, Plant 5
- 7008 SOULE STEEL CO, LONG BEACH
Repair to skid rail
- 7009 CALIFORNIA PORTLAND CEMENT, COLTON
Repair #1 Kiln, front end
- 7010 NL INDUSTRIES, INC (ROWLEY, UTAH)
Ralph M. Parsons, Agent
Design and Supply Melt Cell Burner System
- 7011 MONSANTO CHEMICAL, LONG BEACH
Repair #3 Burner
- 7012 PHILADELPHIA QUARTZ, SOUTH GATE
Repair Silicate Furnace
- 7013 HARVEY ALUMINUM, TORRANCE
Labor to repair #8 Furnace
- 7014 HARVEY ALUMINUM, TORRANCE
Labor to repair #1 Reverb.
- 7015 GREAT LAKES CARBON CORP., WILMINGTON
Repair #3 Kiln
- 7016 U S BORAX, BORON
#2AB Furnace, Major Furnace Repairs
- 7017 LEVER BROS, LOS ANGELES
Repair Therminol Furnace

JANUARY 1972

- 7018 CALIFORNIA PORTLAND CEMENT, COLTON
Repair #2 Kiln Cooler
- 7019 TODD SHIPYARDS, SAN PEDRO
"SS PRESIDENT MC KINLEY"
Repair boilers
- 7020 TODD SHIPYARDS, SAN PEDRO
"SS PRESIDENT ADAMS"
- 7021 PHELPS DODGE CORP, DOUGLAS, ARIZ.
Furnish Abresist and Mortar for
Parshall Flume
- 7022 STANDARD OIL CO, EL SEGUNDO
Repair F610-A Heaters
- 7023 STANDARD OIL CO, EL SEGUNDO
Repair F731 and F720 Heaters
- 7024 U S BORAX, BORON
#3AB Furnace, Plant 5, Minor Repairs
- 7025 SHELL OIL CO, WATSON
Repair #33 Flasher Heater, Eastcell
"A" Repair #33 Flasher Heater, West cell
"B" Repair 31 and 32 Coker Heater
"C" Repair 34 Heater
- 7026 AMAX CARBON PRODUCTS, BAKERSFIELD
(Formerly Republic Carbon)
Design and construct fume burners for
coke kilns
- 7027 TEXACO, INC, WILMINGTON
Repairs to C-10 Line

JANUARY, 1972

7028	STANDARD OIL, EL SEGUNDO Repairs to F103 Heater
7029	U S BORAX, WILMINGTON Repairs to ABA Furnace
7030	U S BORAX, BORON Major repairs to #1 Furnace, Plant 5, Line 1
7031	SCHLITZ BREWING CO, VAN NUYS Repair #3 Boiler
7032	HARVEY ALUMINUM, TORRANCE Repairs to #11 Furnace
7033	HARVEY ALUMINUM, TORRANCE Tear out and replace 5 melt inductors
7034	U S BORAX, BORON Repair Plant 26 B ₂ O ₃ Furnace
"A"	Repairs to Doghouse
7035	H KRAMER CO, EL SEGUNDO Repair #2 radiator kiln
7036	INTERPACE, GLENDALE Brickwork repairs #4 Pottery Kiln
7037	TEXACO, WILMINGTON Repair # 5 Boiler
7038	STAUFFER CHEMICAL, LONG BEACH Repair Boiler H-901-B
7039	SHELL CHEMICAL, VENTURA Repairs to F301 Heater
7040	DIFFENBAUGH CO, U S LIME CO APEX, NEVADA Fabricate Elbows

JANUARY, 1972

- 7041 WATSON CARBON AND CHEMICAL CO
WILMINGTON
Repairs to cooler chute on kiln
- 7042 COLLIER CARBON + CHEMICAL CORP
BREA
Repair Urea Prill
- 7043 U S BORAX
BORON
Repair #7AB,
- 7044 U S BORAX
BORON
Repair #4AB, Plant 5
- 7045 STANDARD OIL CO
EL SEGUNDO
Repair #47 Crude Unit
- 7046 PROCTER + GAMBLE MFG. CO.
LONG BEACH
Repair Brickwork in Gas Plant Reformer
Furnace
- 7047 TOSCO PETRO
BAKERSFIELD
Labor, Equipment and material as necessary
for Coker Turnaround
- 7048 SOULE STEEL CO
LONG BEACH
Repair Reheat Furnace
- 7049 CROSBY AND OVERTON
JTT YARD WILMINGTON
Reline Boiler
- 7050 TEXACO INC
WILMINGTON
Repairs to C10 Line

JANUARY 1972

7051 NL INDUSTRIES
ROWLEY, UTAH
Design and Supply 20 Cell Preheat
Burner Systems

7052 U S BORAX
BORON
Repair Plant 5, Furnace 3 AB

7053 SO CALIFORNIA EDISON CO
LONG BEACH
GARDEN CITY PAPER CO
POMONA
Repair Duct on Foster-Wheeler Boiler

7054 BETHLEHEM STEEL CORP
TERMINAL ISLAND
"USS PIEDMONT"
Repair #2 and #4 Boiler

7055 U S BORAX
WILMINGTON
Repair Spray Dryer Furnace

7056 MONSANTO CHEMICAL
LONG BEACH
Repair Calciner Combination Unit

FEBRUARY 1972

7057 TEXACO, INC
WILMINGTON
Repair "B" Generator

7058 SHELL CHEMICAL CO
VENTURA
Repair F702 Boiler

7059 JOSEPH SCHLITZ BREWING CO
VAN NUYS
Repair #2 CE Vertical Unit Boiler

FEBRUARY 1972

7060	DAY AND NIGHT MFG CO LA PUENTE Renew Outlet Pipe in #6 Acid Tank
7061	H. KRAMER CO EL SEGUNDO Repair #1 Rotary
7062	HARVEY ALUMINUM TORRANCE Repair GE Forge Press Furnace
7063	GREAT LAKES CARBON WILMINGTON Repairs to #2 Kiln, Firing Hood and Discharge Chute
"A"	Repairs to Settling Chamber
7064	KAISER ENGINEERS OAKLAND KAISER GLASS FIBERS IRWINDALE, CALIFORNIA Construct #3 Glass Furnace and Forehearth)
7065	SHELL CHEMICAL CO DOMINGUEZ Repair to Petrochem Furnace
7066	TEXACO, INC WILMINGTON Repair Reactor Grid
7067	PROCTER + GAMBLE MFG CO LONG BEACH Repair Boilers #1, #2 and #3
7068	SHELL OIL CO DOMINGUEZ Repair #8 Boiler

FEBRUARY 1972

- 7069 CONSOLIDATED MARINE INC
SAN PEDRO
"SS PRESIDENT POLK"
Repair S arboard Boiler
- 7070 MONSANTO ENVIRO-CHEM SYSTEMS, INC
CHICAGO, ILLINOIS
STANDARD OIL CO
EL SEGUNDO
Labor to Install Acid Proof Lining in Three
Humidifying Towers and Three Acid Pans
- 7071 CONSOLIDATED MARINE INC
SAN PEDRO
"SS PRESIDENT LINCOLN"
Repair Port Boiler
- 7072 PROCTER + GAMBLE
LONG BEACH
Repair Peabody Furnace
- 7073 SHELL OIL CO
DOMINGUEZ
Refractory Repairs on Cat Cracker
Turnaround
- 7074 NORRIS INDUSTRIES
VERNON
Repair Electrical Furnace
- 7075 JOSEPH SCHLITZ BREWING CO
VAN NUYS
Repairs to #1 CE Boiler
- 7076 SOULE STEEL CO
LONG BEACH
Repairs to Reheat Furnace
- 7077 STARKIST TUNA
TERMINAL ISLAND
Refractory Lining in one Small
Dryer Firebox

(7073)
"A" Remove and replace refractory in
top head of regenerator
"B" Install Lining in 4 secondary cyclones
"C" Miscellaneous Patch work
"D" Install AA22 in Cyclone Chimneys
"E" Repair Heaters 15 and 16

FEBRUARY 1972

7078	STANDARD OIL CO EL SEGUNDO Repairs to #38 Boiler
7079	STANDARD OIL CO EL SEGUNDO Furnish Labor only to Install Epoxy on E-57
7080	NL INDUSTRIES ROWLEY, UTAH Design and Supply 6 Cell Preheat Burner Systems
7081	PACIFIC SMELTING TORRANCE Repair Retort Furnace
7082	STAUFFER CHEMICAL WESTEND, CALIFORNIA Repair Detrick Roof on #3 Borax Melting Furnace
7083	U S BORAX BORON Major Repairs - #3 AB Furnace
7084	INTERPACE GLENDALE Miscellaneous Maintenance Repairs
7085	CONSOLIDATED MARINE SAN PEDRO "SS WASHINGTON BEAR" Repair Starboard Boiler
7086	EARLE M. JORGENSEN CO. SEATTLE Brick Repairs Turnaround Furnaces 10 + 11 "A" Brick Repairs #14 Furnace

FEBRUARY 1972

7087	FIBREBOARD VERNON Repair #4 Boiler
7088	GENERAL ELECTRIC ONTARIO Repairs to Cal Rod Furnace
7089	RIVERSIDE DIVISION AMERICAN CEMENT CORP. RIVERSIDE Refractory Repairs #2 Kiln Hood "A" Extra cutting of brick
7090	STAUFFER CHEMICAL CO DOMINGUEZ Sludge Furnace, Plant #1 "A" Rebrick Sludge Furnace Dust Chamber Outlet "B" Clean Out Hot Gas Flue and Make Repairs to Quench Tower
7091	M. W. KELLOGG COMPANY PARAMOUNT (JTT YARD) Insulate 5 Piers and Furnish Material
7092	POWERINE OIL CO SANTA FE SPRINGS Repairs to South Foster Wheeler Boiler
7093	CONSOLIDATED MARINE SAN PEDRO "SS KOREA BEAR" Repairs to Starboard Boiler
7094	COLLIER CARBON + CHEMICAL CO BREA Converter in Nitric Acid Plant

FEBRUARY 1972

7095 SHELL OIL CO.
DOMINGUEZ
Repairs to #7 and #8 Heaters at Alky Plant

MARCH

7096 PROCTER + GAMBLE
LONG BEACH
Repairs to Granular Furnace

7097 U S BORAX
BORON
Repairs RA #2 Furnace - Old Plant

7098 CONTINENTAL CAN CO
SAN LEANDRO
Modifications to Incinerator Safety Controls

7099 CONTINENTAL CAN CO
HAYWARD
Modifications to Incinerator Safety Controls

7100 CHICAGO BRIDGE + IRON WORKS
AMERICAN OIL COMPANY
SALT LAKE CITY, UTAH
Regenerator Lining

7101 CONTINENTAL CAN CO
Standard Incinerator Engineering

7102 CONTINENTAL CAN CO
PITTSBURG, CALIFORNIA
Incinerator Safety Modifications

7103 U S BORAX
BORON
Repairs to #3 Air Heater, Plant 4

7095
"A"
"B"
Additional Work
Repairs in Heater #17 at
Alky #2

MARCH 1972

7104

AIR CORRECTION DIVISION
UNIVERSAL OIL PRODUCTS CO
DARION, CONNECTICUT
AMERICAN CYANAMID
AZUSA

Repair Lining in NO_x Destructor

"A"

Dryout of the Lining

"B"

Miscellaneous work assigned by U. O. P.

7105

U S BORAX
BORON
#3 Furnace - Plant 5

7106

CONTINENTAL CAN COMPANY
UNION PACIFIC PLANT
Furnish set of Heat Exchanger Tubes - Line C-4

7107

U S BORAX
BORON
Repair Around Burner - #7AB Furnace

7108

UNION OIL COMPANY
WILMINGTON
B201 Heater - Unit 8

7109

ALLIED CHEMICAL
EL SEGUNDO
Repairs to Alum Cooker

7110

CALIFORNIA SHIPBUILDING AND DRYDOCK
LONG BEACH
"USS CACAPON" (AO52)
29901-Repair Boilers 1, 2 and 4
299-04-Repair Boilers 1, 2, 3 and 4
299-07-Repair Boiler #3

7111

CONTINENTAL CAN COMPANY
TUMWATER, WASHINGTON
Design and Construct 12,000 SCFM Incinerator

7104
"C"
"D"
Additional Work.
Modify Burner Tile

MARCH 1972

7112 PACIFIC VALVES
JTT YARD
Install Refractory in Slide Valve
"A" Install Refractory in Slide Valve with AA22

7113 U S BORAX
WILMINGTON
Repairs to No. 4 Boiler

7114 H KRAMER COMPANY
EL SEGUNDO
#3 Reverb Furnace

7115 HARVEY ALUMINUM
TORRANCE
Tearout #2 Reverb Furnace
"A" Replace #2 Reverb Furnace

7116 KEYSTONE SHIPPING
LONG BEACH
"SS JULESBURG"

7117 U S BORAX
BORON
Repairs to Airheater #2, Plant #3

7118 DAY + NIGHT MFG. CO.
LA PUENTE
Renew Outlet Pipe in #4 Acid Tank

7119 GENERAL ELECTRIC
ONTARIO
Construct Furnace Door for Die Cast Furnace

7120 U S BORAX
BORON
Design Air Pump and Syphoning System D-203

MARCH 1972

7122
"B"
Line Pumpbase with Splits.

- 7121 U S BORAX
BORON
Repairs #2 Furnace, Plant 5
- 7122 STAUFFER CHEMICAL COMPANY
DOMINGUEZ
Acid Brick Lining Mist Eliminator and Stripper
"A" Cut Support Plate
- 7123 U S BORAX
BORON
Provide Supervision and Equipment Necessary
to make minor repairs to curtain walls, burner
walls and breeching on #2 Furnace Main Fusing
Plant.
- 7124 AIROX, INC.
SANTA MARIA
Install Coral Plastic in ducts end connections
- 7125 GREAT LAKES CARBON CORPORATION
ROSAMOND, CALIFORNIA
Fume Collection System
- 7126 KITCHEN FRESH FOODS
PICO RIVERA
Heat Exchanger Repairs
- 7127 HARVEY ALUMINUM
TORRANCE
Labor only to Repair #11 Reverb Furnace
"A" Install material in #11 Reverb Furnace
- 7128 SHELL CHEMICAL COMPANY
DOMINGUEZ
Patch Around Pump Bases
- 7129 U S Borax
BORON
Labor, supervision and equipment to rebrick
spout in #7 Furnace, Plant 5

MARCH 1972

- 7130 U S BORAX
BORON
Labor, supervision and equipment to make
major repairs - refractory - to Line #4
Furnace, Plant 5
- 7131 STAUFFER CHEMICAL COMPANY
LONG BEACH
Repair #700 Unit Incinerator
- 7132 U S BORAX
WILMINGTON
Rebrick salt cake furnace.
- 7133 PACIFIC VALVE
LONG BEACH
Repair #1 Valve.
- 7134 INTERPACE
GLENDALE
Brickwork Repairs To #6 Pottery Kiln.
- 7135 CONTINENTAL CAN COMPANY
LOS ANGELES - PLANT 11
Convert Incinerator Burners to Flame Grids
Oven Lines C6 and C11

APRIL 1972

- 7136 TODD SHIPYARDS
SAN PEDRO
"SS FILLMORE"
Repairs to Boiler - Item #15
- 7137 TOSCO PETRO CORPORATION
BAKERSFIELD
TCC Reactor Lining.

APRIL 1972

7138	U S BORAX BORON Design and Construct One Elbow Transition for No. 6 Furnace
7139	STAUFFER CHEMICAL CO DOMINGUEZ Repairs to Tank #28A
7140	U S BORAX BORON Plant #28 ABA Doghouse Repair
7141	SOULE STEEL CO LONG BEACH Repairs to Reheat Furnace
7142	U S BORAX BORON Repairs Line 1 Furnace, Old RA Plant.
7143	U S BORAX BORON Minro Repairs Line 5 Furnace, Plant 5
7144	CROSBY + OVERTON JTT YARD Reline Two Fireboxes of Boiler
7145	CONTINENTAL CAN COMPANY UNION PACIFIC PLANT Replacement of 3 Tube Sheets
7146	ALCOA VERNON #8 Remelt Furnace Tearout
"A"	Replace

APRIL 1972

7147	SHELL CHEMICAL CO TORRANCE Repairs to F1301-A Petrochem Furnace
7148	STANDARD OIL CO EL SEGUNDO #47 Crude Unit Repairs to Convection Section
7149	GULF OIL CO SANTA FE SPRINGS Repairs to TA2 Incinerator
7150	U S BORAX BORON Refractory Repairs, Line 6, Plant 5
7151	ALAMEDA TANK CO LEVER BROS LOS ANGELES Repairs to Super-Heater Furnace
7152	GREAT LAKES CARBON WILMINGTON Repair #3 Kiln
7153	PACIFIC SMELTING TORRANCE Repair #2 Muffle Furnace
7154	TEXACO INC WILMINGTON Repair "A" Generator
7155	STANDARD OIL COMPANY EL SEGUNDO Repair Four Soot Hoppers, Boiler #39
7156	MOORE PRODUCTS BETHLEHEM STEEL CO LOS ANGELES Furnish Panel

APRIL 1972

7157	NORRIS INDUSTRIES VERNON Repair #1 Dip Pickling Tank
7158	SHELL OIL COMPANY DOMINGUEZ Repair #1 Boiler
7159	HARVEY ALUMINUM TORRANCE Line 2 Ladles
7160	HARVEY ALUMINUM TORRANCE Repair #9 Reverb Furnace
7161	DELCO-REMY ANAHEIM Acid Brick Lining for Drainage Trench
"A"	Extend Drainage Trench 3' -6" South
7162	U S BORAX WILMINGTON Repair #3 Boiler
7163	SHELL OIL COMPANY WILMINGTON Fireproof Vessel V-1148
7164	ALCAN RIVERSIDE Repair #64 Remelt Furnace
7165	STANDARD OIL COMPANY EL SEGUNDO Repair #48 Crude Unit
7166	STAUFFER CHEMICAL LONG BEACH Repair Burner Throats in Large and small Boilers
7167	PACIFIC SMELTING TORRANCE Repair #1 Furnace

APRIL 1972

7168	BETHLEHEM SHIPYARDS "USS THETIS" TERMINAL ISLAND Repair Port and Starboard Boilers
7169	U S BORAX BORON Repair Plant 26 ABA Doghouse Furnace Repairs to Furnace Proper
"A"	
7170	CONTINENTAL CAN COMPANY PATERSON, NEW JERSEY Design and Construct Two Fume Incinerators B-Heat exchanger rework
A-Startup	
7171	E M JORGENSEN COMPANY SEATTLE Construct 15' x 38' Car Bottom Heat Treating Furnace
7172	STANDARD OIL COMPANY EL SEGUNDO Repair F301 Hydrogen
7173	STANDARD OIL COMPANY EL SEGUNDO Repairs to Hydrofiner
7174	AMERICAN CHEMICAL COMPANY WILMINGTON Repairs to 250# Dixon Boiler
7175	ALLIED CHEMICAL EL SEGUNDO Repair John Zinc Furnace
7176	CHARLES E WARDMAN COMPANY EL SEGUNDO Laying brick in precipitator floor

APRIL 1972

7177

RALPH M. PARSONS COMPANY
IMPERIAL OIL COMPANY
DARTMOUTH NOVA SCOTIA (CANADA)
Design and construct one waste gas incinerator

MAY 1972

7178	CHAMPLIN PETROLEUM WILMINGTON Repair H100 and John Zinc Incinerator
7179	BETHLEHEM SHIPYARD TERMINAL ISLAND "SS HARRY LUNDEBERG" Repair port and starboard boilers
7180	CONTINENTAL CAN COMPANY UNION PACIFIC PLANT Alteration of 20" x 24" grid burner
7181	BETHLEHEM SHIPYARDS TERMINAL ISLAND "USS DE HAVEN CDD-727" Repair boilers 1 and 4, Repair boiler 3
7182	UNIVERSAL CAST IRON MFG. CO. SOUTH GATE Combustion Equipment for cupola afterburner
"A"	Labor + Matl to install cupola afterburner
7183	STAUFFER CHEMICAL LONG BEACH Repair large and small boilers
7184	U S BORAX BORON Repairs to #2RA Furnace

MAY 1972

7185

UOP

AMERICAN CYANAMID

AZUSA

Tearout and reline NOx Incinerator

"A"

Dryout refractory lining

7186

STANDARD OIL COMPANY

EL SEGUNDO

Cut porcelain tile

7187

H KRAMER AND COMPANY

EL SEGUNDO

Repair #1 reverb and #1 flue

7188

STAUFFER CHEMICAL COMPANY

DOMINGUEZ

Repair sulfur burner in #3 Plant

7189

J T THORPE COMPANY

HOUSTON

GREAT LAKES CARBON CORP

PORT ARTHUR, TEXAS

Engineering and materials for Detrick
arch and walls for #3 calciner

7190

W R GRACE AND COMPANY

SOUTH GATE

Repair combustion chamber on center
peabody air heater

7191

RIVERSIDE CEMENT

CRESTMORE

Repair #2 kiln cooler

"A"

Additional repair

7192

AIROX, INC

SANTA MARIA

Install internal brick wall in reactor

MAY 1972

7193	SOULE STEEL COMPANY LONG BEACH Repair reheat furnace
7194	NATIONAL SCREW MFG. CO. LOS ANGELES Repair pickling tank
7195	POWERINE OIL COMPANY SANTA FE SPRINGS Repair cat cracker
7196	DOCKSIDE TERMINAL ISLAND "TRANS SUPERIOR" Repair starboard boiler
7197	NORRIS INDUSTRIES MAYWOOD Repair #1 hard furnace "A" Repair #1 draw furnace "B" Additional repairs #1 hard and #1 draw furnaces
7198	STANDARD OIL COMPANY EL SEGUNDO Repair cat cracker
7199	NORRIS INDUSTRIES MAYWOOD Install insulation in five burner boxes in paint department.
7200	

MAY 1972

7201	MARTIN MARIETTA ALUMINUM INC TORRANCE Tearout #1 Furnace "A" Replace brickwork #1 Furnace
7202	MOBIL OIL COMPANY SANTA FE SPRINGS Repair #1 Boiler
7203	MONSANTO CHEMICAL COMPANY LONG BEACH Repair #1 Burner
7204	INTERPACE LOS ANGELES Brickwork repairs to #5 Kiln (Earthquake Damage)
7205	TODD SHIPYARDS SAN PEDRO "SS RAMSEY (DEG-2)" Repair Foster-Wheeler Boiler
7206	ANHEUSER BUSCH VAN NUYS Repair Keeler Boiler
7207	STANDARD OIL COMPANY EL SEGUNDO Repair Boiler #32
7208	CHICAGO BRIDGE + IRON COMPANY TEXACO INC WILMINGTON Renew section of reactor grid
7209	U S BORAX BORON Repair #1AB Furnace

MAY 1972

7210	U S BORAX BORON Repair #7AB Furnace
7211	TEXACO INC WILMINGTON Repairs to Reactor
7212	U S BORAX BORON Repair #2AB Furnace
7213	STAUFFER CHEMICAL COMPANY DOMINGUEZ Repair Dutch oven on sludge furnace in #2 Plant
7214	U S COAST GUARD LONG BEACH "USCC BURTON ISLAND" Repair Starboard Boiler
7215	TEXACO INC WILMINGTON Repair C9 Line
7216	CAVANAUGH MACHINE WORKS "SS PANAMA" LONG BEACH Repair Starboard Boiler
7217	APEX SMELTING LONG BEACH Repair L-3 Furnace
7218	GULF OIL COMPANY SANTA FE SPRINGS Install AA22 in 3 Buell Cyclones

JUNE 1972

7219	PRODUCTION STEEL COMPANY INC GARDENA SHELL OIL COMPANY Install Refractories in Born Heater #21
7220	SOULE STEEL COMPANY LONG BEACH Furnish Special Ladle Heater Burner Tile
7221	BETHLEHEM SHIPYARDS TERMINAL ISLAND "SS HONG KONG BEAR" Repair Port Boiler
7222	PHILADELPHIA QUARTZ SOUTH GATE Repairs to Silica Furnace
7223	THORPE INSULATION COMPANY PRODUCTION STEEL COMPANY JTT YARD Line one Incinerator Chamber
7224	NL INDUSTRIES ROWLEY, UTAH Design and Construct one Launder Heater
7225	PHELPS DODGE CORP MORENCI ARIZONA Labor only to Repair #3 Reverb Furnace
7226	BETHLEHEM SHIPYARD TERMINAL ISLAND "SS AMERICAN TRADER" Repair Port and Starboard Boilers
7227	STATE STEAMSHIP LONG BEACH "SS MONTANA" Repair Starboard Boiler

JUNE 1972

7228
"A"
"B"
Repair #1 Kiln.
Repair #2 Kiln.

7228	GREAT LAKES CARBON CORP WILMINGTON Repair #4 Kiln
7229	MGRS INC SAN PEDRO "SS CATALINA" Repair Boilers 1, 3 and 4
7230	CONTINENTAL CAN COMPANY TERMINAL ISLAND Repair Ross Fume Incinerator - Oven Line C-1
"A" 7231	Repair Ross Fume incinerator oven line C1 POWERINE OIL COMPANY SANTA FE SPRINGS Repairs to North Foster-Wheeler Boiler
7232	STANDARD OIL COMPANY EL SEGUNDO Repairs to #2 Cat. Reformer Plant 4, F430 and F410
7233	STANDARD OIL COMPANY EL SEGUNDO Repair #1 Crude Unit, F1 and F2 Vacuum Heater
7234	U S BORAX BORON Minor Repairs #6AB, Plant 5
7235	BUMSTEAD-WOOLFORD CO SEATTLE, WASHINGTON CITY OF BURBANK Furnish and Install Stack Material for one Stack Lining
7236	TEXACO INC WILMINGTON Fireproof Skirt for V446

JUNE 1972

7237	CALIFORNIA SHIPBUILDING LONG BEACH "USS LANG" Brickwork Repair on Boiler 1A
7238	CELOTEX CORPORATION LOS ANGELES Miscellaneous repairs - July Shutdown - Tube Still, Kettle and Boiler Repairs
7239	WILMAC CONSTRUCTORS LONG BEACH KAISER GYPSUM LONG BEACH Furnish and Install Refractories in Gypsum Kettles and Hot Pits
7240	ATLANTIC RICHFIELD WATSON Refractory and Insulation repairs - #33 Boiler
7241	MOORE PRODUCTS LOS ANGELES BORDEN CHEMICAL COMPANY FREMONT, CALIF Furnish Instrument Panel
7242	CONTINENTAL CAN COMPANY FIBER DRUM 25 PITTSBURG, CALIF. Safety Modifications to Fume Incinerator
7243	NORRIS INDUSTRIES MAYWOOD Repair #2 Hard Furnace
"A"	Repair #2 Draw Furnace

JUNE 1972

7249
"A"
"B"
"C"
Kiln 90' Mark Refractory
Cooler Feed End Refractory
Stack Breeching

7244	BETHLEHEM SHIPYARDS TERMINAL ISLAND "SS NEWARD" Repair Port and Starboard Boilers
7245	MOBIL OIL CORP TORRANCE Repairs to Cyclones
7246	SUPERIOR DRUM COMPANY SOUTH GATE Construct New Barrel Furnace
7247	Crosby + Overton (AT JTT YARD) Reline Two Fireboxes
7248	U S BORAX BORON Minor Repairs, Plant 26 Doghouse
7249	MARTIN MARIETTA CORP WATSON Repair Kiln Lining
7250	STAUFFER CHEMICAL COMPANY DOMINGUEZ Repair #2 Sludge Furnace
7251	UNION OIL COMPANY WILMINGTON Repair Unit 67
7252	MOBIL OIL COMPANY TORRANCE Necessary Repairs #21 Heater

JUNE 1972

7253	ENJAY CHEMICAL COMPANY BATON ROUGE, LOUISIANA Field Supervision for Repairs to Heat Exchanger
7254	ALAMEDA TANK COMPANY LOS ANGELES Furnish and Install Refractory Linings in Two Combustion Chambers
7255	MONSANTO CHEMICAL COMPANY LONG BEACH Repair Crossover to #3 Burner
7256	GULF OIL COMPANY SANTA FE SPRINGS Repair Unifier Heater
7257	SOULE STEEL COMPANY LONG BEACH Repair Preheat Furnace
7258	GENERAL ELECTRIC COMPANY ONTARIO Labor and Material to Repair A + M Reverb Furnace
"A"	Labor and Material to Repair Die Cast Furnace
"B"	Labor and Material to repair Thorpe Sweat Furnace
"C"	Repair to inert gas generators.
7259	GREAT LAKES CARBON CORP WILMINGTON Unit #4 - Drill 3" Hole in Firing Hood
7260	DELCO-REMY ANAHEIM Labor and Material to Repair Door Sill Door and replace Burner Blocks

JUNE 1972

7261	DELCO-REMY ANAHEIM Labor and Material to Rebrick Fireboxes on #1, #2 and #3 Barton Pots
7262	U S BORAX BORON Minor Repairs Plant 5 - #3 Furnace
"A"	Repair on #5 Boiler
7263	L W LEFORT COMPANY ANAHEIM NORRIS INDUSTRIES VERNON Acid Brick Lining in Pickling Tank
"A"	Widen Piers under acid tank
7264	U S BORAX BORON Design and Material for New Air Mixing Chamber - Plant 5
7265	U S BORAX BORON Process Design for Increasing Capacity of #5AB Furnace - Plant 5
7266	CONTINENTAL CAN COMPANY SAN LEANDRO Conversion of Existing Maxon Burners to North American Grid Burners for C2 Fume Incinerator
7267	SHELL OIL COMPANY DOMINGUEZ Repairs to #2 Boiler
7268	C M I SAN PEDRO "SS PRESIDENT TAYLOR" Repairs to Port Boiler

JULY 1972

7269	STANDARD OIL COMPANY EL SEGUNDO Repairs to Boiler #37
7270	GREAT LAKES CARBON CORP WILMINGTON Repairs to #3 Kiln
7271	RIVERSIDE DIVISION AMERICAN CEMENT CORP RIVERSIDE Supply and Install Refractory Materials in N.E. and S. Walls of #1 Cooler
7272	GLIDDEN-DURKEE BALTIMORE, MARYLAND Complete Adiabatic Duct System
7273	U S BORAX BORON Minor Repairs to #1 Furnace, Plant 5
7274	BETHLEHEM SHIPYARDS TERMINAL ISLAND "SS PENN CHAMPION" Port and Starboard Boilers
7275	MARTIN MARIETTA TORRANCE Labor only to repair Two Bell Industrial Furnaces
"A"	Repairs to #3 Bell Furnace
7276	SHELL OIL COMPANY WATSON Repairs to Heaters 21, 22, 23 and 27
"A"	Install Two Burners
7277	TEXACO, INC. WILMINGTON Repairs to #2 Still and #2 Crude Units

JULY 1972

7278 FILTROL CORPORATION
 LOS ANGELES
 Repair Peabody Air Heater

7279 SEALAND
 LONG BEACH
 "SS PANAMA"
 Repairs to Starboard Boiler

7280 U S BORAX
 BORON
 Repairs to #3AB Furnace

7281 INTERPACE CORPORATION
 LOS ANGELES
 Repairs to #24 Pottery Kiln

7282 ARTHUR G. McKEE AND COMPANY
 INDEPENDENCE, OHIO
 MOBIL OIL COMPANY
 FERNDALE, WASHINGTON
 Refractory Linings, Reformer Reactors

"A"
7283 DRYOUT OF LININGS.
 STANDARD OIL COMPANY
 EL SEGUNDO
 Repairs to Boiler #33

7284 PROCTER + GAMBLE
 LONG BEACH
 Peabody Furnace

7285 BETHLEHEM SHIPYARDS
 TERMINAL ISLAND
 "SS MORNING LIGHT"
 Repairs to Support Boiler

7286 U S BORAX
 BORON
 Repairs to Furnace #26

"A"
 Repairs to Dog House
"B"
 Install Air Lift + Sidewall Burner

JULY 1972

7287	UNIVERSAL PROPULSION COMPANY RIVERSIDE Construct Test Furnace
7288	BETHLEHEM SHIPYARDS TERMINAL ISLAND "SS MORNING LIGHT" Repairs to Port Boiler
7289	KEYSTONE SHIPPING LONG BEACH "SS MEADOW BROOK" Repairs to Port Boiler
7290	SHELL OIL COMPANY DOMINGUEZ Repairs to #3 Boiler
7291	BETHLEHEM STEEL COMPANY VERNON Install new Drain in East Neutralizing Tank Wire Mill Department
7292	COAST GUARD CUTTER "RAPPAHANNOCK" PORT WELDING COMPANY LONG BEACH Starboard Boiler Repair
7293	H. KRAMER AND COMPANY TORRANCE Repairs to #3 Reverb
7294	RIVERSIDE DIVISION AMERICAN CEMENT CORP CRESTMORE, CALIFORNIA Design and Install Detrick Arch in Kiln Cooler
7295	MARTIN-MARIETTA ALUMINUM TORRANCE Labor only to Repair one Filter Pot and Remove Castable from 2 Inductors

JULY 1972

- 7296 COLLIER CARBON + CHEMICAL
BREA
Repairs to Conduction Section of Reformer
- 7297 AMETEK ALUMINUM EXTRUSION
LOS ANGELES
Repair Charging Door, Jambs + Sill,
50,000# Melting Furnace
- 7298 ACE FOUNDRY
HUNTINGTON PARK
Repairs to Quench Towers
- 7299 MARTIN MARIETTA
TORRANCE
Tearout Brickwork #8 Furnace
"A" Replace Brickwork

AUGUST 1972

- 7300 MONSANTO CHEMICAL
LONG BEACH
Repairs to #3 Burner
- 7301 GREAT LAKES CARBON
WILMINGTON
Air Pollution Testing #2 Kiln Settling Chamber
- 7302 MONSANTO CHEMICAL
LONG BEACH
Repairs to #2 Burner
- 7303 POWERINE OIL COMPANY
SANTA FE SPRINGS
Repairs to CO Boiler

AUGUST 1972

7304 U S BORAX
WILMINGTON
Repairs to #2 Boiler

7305 GREAT LAKES CARBON
WILMINGTON
Repairs to #3 Kiln
"A" Brick up window in block window

7306 MARTIN-MARIETTA
TORRANCE
Repair Area Four Press Forge Furnace

7307 MARTIN-MARIETTA
TORRANCE
Repair #5 Furnace

7308 MONSANTO CHEMICAL
LONG BEACH
Repairs to #1 Burner

7309 INTERPACE
GLENDALE
Miscellaneous Maintenance Repairs

7310 U S BORAX
BORON
Repairs to #1RA Furnace, Old Plant

7311 HUMBLE OIL + REFINING COMPANY
BAYTOWN, TEXAS
Design + Fabricate two Waste Gas Incinerators

7312 BETHLEHEM SHIPYARDS
TERMINAL ISLAND
"SS NAVASOTA"
Repair Boilers 1, 2, 3 and 4

7313 STAUFFER CHEMICAL
LONG BEACH
Repairs to #1 Boiler

AUGUST 1972

7314	MARTIN-MARIETTA TORRANCE Repairs to Knapp Furnace #3291
7315	SHELL OIL COMPANY WATSON Repair #11 Heater
7316	VULCAN MATERIALS COMPANY A + M DIVISION CORONA Construct Afterburner System
7317	UNION OIL COMPANY WILMINGTON B101 Heater and Burner Throats
7318	PHELPS-DODGE CORPORATION LOS ANGELES Repairs to Rotary Kiln
"A"	Repairs to Furnace #680
"B"	Repairs to Furnace #681
"C"	Repairs to Furnace #682
7319	McDONNELL-DOUGLAS EL SEGUNDO Pebble Heater Dome
7320	SOUTHWEST ENGINEERING LOS ANGELES Supply Norton Refractory for Texaco Generator in Santos Brazil
7321	Texaco, INC. WILMINGTON Repairs to Convection Section over heaters #301, 302 and 303

AUGUST 1972

- 7322 H KRAMER AND COMPANY
EL SEGUNDO
Repairs to Rotary Furnace
- 7323 UNION OIL COMPANY
WILMINGTON
Repairs to #3 Boiler
- 7324 AMERICAN STANDARD
TORRANCE
Labor only to repairs on Shuttle Kiln.
- 7325 U S BORAX
BORON
Design and material for new 3AB air mixing
chamber Plant 5
- 7326 STAUFFER CHEMICAL COMPANY
LONG BEACH
Necessary repairs to boiler.
- 7327 NATIONAL SUPPLY DIVISION
ARMCO STEEL COMPANY
TORRANCE
Adjust and recalibrate car bottom heat treat
furnace #3051 (Ref. Job 5100)
- 7328 U S BORAX
BORON
Repair #4 Furnace
- 7329 U S BORAX
BORON
Repair #5 Furnace Plant 5
- 7330 NORRIS INDUSTRIES
MAYWOOD
Necessary repairs to #1 Draw Furnace

7331

ATOMICS INTERNATIONAL
DIVISION NORTH AMERICAN ROCKWELL
CHATSWORTH, CALIFORNIA
Design and supply Preheater and Combustor.

7332

J F PRITCHARD AND COMPANY
ATLANTIC RICHFIELD COMPANY
CARSON
Design and Construct Waste Gas Incinerator
and Stack

7333

STANDARD OIL COMPANY
EL SEGUNDO
Repairs to a GSU Furnace

7334

QUEMETCO, INC.
CITY OF INDUSTRY
Labor, equipment and supervision to repair the
refractory lining in Reverberatory Lead Lined
Furnace

7335

SHELL OIL COMPANY
DOMINGUEZ
Repairs to #9 Boiler

7336

KAISER ENGINEERS
KAISER GLASS FIBERS
IRWINDALE
New Refractory linings, Furnace #5

7337

HALL HEAT TREATING
PARAMOUNT
Repairs to #13 Heat Annealing Oven.

7338

U S BORAX
BORON
Repairs to #4 Boiler

SEPTEMBER 1972

- 7339 MARTIN-MARIETTA
TORRANCE
Labor to remove refractory into two Ajax Inductors
and install refractory in one ladle cover.
- 7340 TODD SHIPYARDS
SAN PEDRO
"SS UNION COMPANION"
Repairs to Starboard Boiler
"A" Repairs to Port Boiler
- 7341 U S BORAX
BORON
Repairs to Furnace #2
- 7342 STAUFFER CHEMICAL COMPANY
DOMINGUEZ
Install Acid Brick lining to manhole
- 7343 KAISER ENGINEERS
KAISER GLASS FIBERS
IRWINDALE
New refractory linings, Furnace #2
- 7344 BLISS & LAUGHLIN STEEL COMPANY
LOS ANGELES
Acid Pickling Tank
- 7345 BETHLEHEM SHIPYARDS
TERMINAL ISLAND
"SS DECATUR" DDG31
Repairs to Boiler 1A and 1B
- 7346 KAY BRUNNER
ALHAMBRA
Repair #10B Furnace

SEPTEMBER 1972

7347 U S BORAX
BORON
Line #1AB Furnace

7348 STAUFFER CHEMICAL COMPANY
LONG BEACH
Repairs to Boiler #H-750

7349 MARTIN-MARIETTA
TORRANCE
Labor only to install roof on Whiting Arc
Electric Furnace

7350 PROCTER & GAMBLE
LONG BEACH
Removal of all brickwork and insulation and
replace - #1 boiler

7351 INTERPACE
GLENDALE
Brickwork Repairs #7 Pottery Kiln

7352 SHELL OIL COMPANY
DOMINGUEZ
Repair #20A Furnace

7353 INTERPACE
LOS ANGELES
Brickwork Repairs #8 Pottery Kiln

7354 BECHTEL CORPORATION
AUSTRALIAN OIL REFINING PTY. LTD.
KORNULL, AUSTRALIA
Labor crew for guniting three Rheniformer
Reactors.

7355 SHELL OIL COMPANY
DOMINGUEZ
Repair HDU Heater #24
"A" Repair Heaters 25 and 26

SEPTEMBER 1972

- 7356 MARTIN MARIETTA
TORRANCE
Labor only to Repair #9 Reverb
- 7357 H. KRAMER and COMAPNY
EL SEGUNDO
Repairs to #2 Rotary Kiln
- 7358 MARTIN MARIETTA
TORRANCE
Repairs to #2 Melting Furnace
- 7359 MONSANTO CHEMICAL
LONG BEACH
Repairs to #2 Burner
- 7360 GULF OIL COMPANY
SANTA FE SPRINGS
Repair Hydrogen Reformer
"A" Repair HE-1 Steam Quench Generator
- 7361 U S BORAX
BORON
Repairs to ABA Furnace, Plant 26
- 7362 UNITED FABRICATORS COMPANY
PRITCHARD - GULF
SANTA FE SPRINGS
Refractory lining in one vessel
- 7363 U S BORAX
BORON
Plant #5, Repair #6 furnace
- 7364 JACOBS ENGINEERING
~~SEARLES LAKE CHEMICAL CORP.~~
SEARLES LAKE, CALIFORNIA
~~Hot leach slurry heating furnace~~
Hooker Chemical
Borax Standley Furnace

OCTOBER 1972

- 7365 GREAT LAKES CARBON
PORT AUTHUR, TEXAS
Water cooled damper, #3 Calcining unit
- 7366 HARBOR BOAT CO
LONG BEACH
"USS LARSON"
Repairs to boiler #1.
- 7367 STAUFFER CHEMICAL
DOMINGUEZ
Necessary repairs to Dutch oven on # 1
sludge furnace.
- 7368 CONSOLIDATED MARINE
SAN PEDRO
"SS President Adams"
Repair port boiler
- 7369 U S BORAX
BORON
Repair furnace #2 Plant 5
- 7370 CALIFORNIA SHIP BUILDING ± DRY DOCK CO
LONG BEACH
"USS Hooper"
Repair boiler #1A DD1026
- 7371 HALL HEAT TREAT
PARAMOUNT
Necessary repairs to #16 furnace 31 x 616" x
Bx. Furnace
- 7372 STANDARD OIL CO
EL SEGUNDO
Repairs to Iso cracker furnace Plant 6
"a" Necessary repair to heaters 540A and B and 530
A and B
- 7373 ~~U S BORAX~~ Cancelled ~~J~~ J-7369
~~BORON~~
~~Major repairs to #2AB furnace.~~

OCTOBER 1972

- 7374 U S BORAX
BORON
Major repairs to #3AB furnace.
- 7375 CALIF SHIP BUILD ± DRY DOCK CO
LONG BEACH
"USS Highbee"
Repairs boilers 1, 2, 3 and 4.
- 7376 POWERLINE OIL
SANTA FE SPRINGS
Necessary repairs to the south FW boiler.
- 7377 HALL HEAT TREATING
PARAMOUNT
Door 5'3" x 6'7" for #8 furnace
- 7378 CONSOLIDATED MARINE
SAN PEDRO
"USS Buchanan"
- 7379 INTERPACE
GLENDALE
Misc. and Maintenance repairs A thru Z
- 7380 RICH STEEL PICKLING CO
LOS ANGELES
Repair west pickling tank
- 7381 U S BORAX
BORON
Minor repairs #6AB
- 7382 NORRIS INDUSTRIES
MAYWOOD
Repairs to # 1 Draw furnace and #1 hard furnace
- 7383 TEXACO INC
WILIMINGTON
Necessary repairs to cell #2 on #1 heater

OCTOBER 1972

- 7384 STANDARD OIL CO
EL SEGUNDO
Repairs to #48 crude unit F1.
"A" Repairs to #48 crude unit F2.
- 7385 INTERNATIONAL EXTRUSION
ALHAMBRA
Labor and material to reline aluminum
melting furnace
- 7386 BETHLEHEM SHIPYARDS
TERMINAL ISLAND
"SS Transerie"
Repairs to Port and starboard boilers.
- 7387 CARLTON FORGE WORKS
PARAMOUNT
Design and supply 2 portable forge furnaces.
- 7388 COLLIER CARBON CHEMICAL
BREA
Labor and material to acid brick pump base,
ammonia plant
- 7389 STANDARD OIL CO
EL SEGUNDO
Fireproof V2 reflex drum
"A" Fireproof #C2 column
- 7390 MARTIN MARIETTA
TORRANCE
Repair #1 mesta press furnace
- 7391 FORD, BACON AND DAVIS TEXAS
TORRANCE
Refractory linings, sulphur recovery unit.
- 7392 STAUFFER CHEMICAL
DOMINGUEZ
Install acid brick lining in sewage manholes
#7 and #8.
"A" Repair pump base

OCTOBER 1972

7393	U S BORAX - Boron Repair #4 Doghouse
7394	U S BORAX - Boron Repair #26 Doghouse
7395	TODD SHIPYARD - San Pedro SS Idaho - Repairs to Port & Starboard Boiler
7396	STAUFFER CHEMICAL CO-Long Beach Nec Repairs to #H750 Furnace
7397	J T THORPE INC-Los Angeles Die Heating Burner
7398	U S BORAX-Boron Rebuild #26 Doghouse
7399	GULF OIL - Terminal Island Repairs to Stationary boiler
7400	U S BORAX-Boron Repair #6 Furnace at Plant #5
7401	U S BORAX-Boron Replace burner in Air Heater
7402	STANDARD OIL CO-El Segundo Repairs to V208 Generator at the Isomax Plant
7403	PACIFIC SMELTING-Torrance Repairs to Line 3 of Muffle Furnace
7404	STANDARD OIL CO-El Segundo Repairs to #21-A Pump Pad

NOVEMBER 1972

7405	TODD SHIPYARD - San Pedro SS Wyoming - Repairs to Port & Starboard Boiler
7406	UNION OIL CO-Wilm Repair Unit #67
7407	U S BORAX-Boron Recast Syphor Sulphate Systems
7408	STAUFFER CHEMICAL CO-Long Beach Repair #H601 & H602 Units
7409	REULAND ELECTRIC - City of Industry Labor & Material to Supply Refractory Lining
7410	KOPPERS COMPANY-Fontana Nec Repairs to the Batch Steel
7411	CONTINENTAL CAN CO Sparrows Point, Maryland Design & Construct Four 8000 SCFM Fume Incinerators and Two 10,000 SCFM Incinerators
"A"	Modification to Control Panel
"B"	Heat Exchanger Rework
"C"	Modify Control Panels for 3 Units & Ship to Whitecap
"D"	Convert Control for (1) 8000 Incinerator to 3 Oven
"E"	Convert (1) 8000 Incinerator to Catalytic
"F"	Repaint
"G"	Service of Erection Engineer on Incinerators in Chicago
"H"	Start-up for J-7411-E

NOVEMBER 1972

- 7412 STANDARD OIL CO
EL SEGUNDO
Repair F301 furnace Plant 30.
- 7413 CALIF. SHPBUILDING and DRY DOCK CO
LONG BEACH
"SS Ashtabula"
Repair boilers 1, 2, 3 and 4.
- 7414 CONSOLIDATED MARINE
"SS President Arthur"
SAN PEDRO
Repair port boiler
- 7415 GREAT LAKES CARBON
WILMINGTON
Install insulation around outside of stack
#2 Kiln.
- 7416 AMERICAN OIL CO
SALT LAKE CITY, Utah
Remove cover coat of refractory in certain
areas of 54" flue gas line and remove and
replace defective HL41.
- "A" Labor and material to case harden the existing
refractory in the bend section and tee of the
54" flue gas line.
- 7417 STANDARD OIL CO
EL SEGUNDO
Necessary repairs to #35 boiler.
- 7418 PRECISION HEAT TREATING CO
MONTEBELLO
Install refractory lining in two draw furnaces.
- 7419 POZZO CONSTRUCTION CO
LONG BEACH
St Marys Hospital
Repairs damaged package boiler.

NOVEMBER 1972

- 7420 SMITH FORGE CO
COMPTON
Modifications to walking beam furnace.
- 7421 PHILADELPHIA QUARTZ
LOS ANGELES
Necessary repairs to #1 boiler.
- 7422 BETHLEHEM STEEL
VERNON
Necessary repairs to pickling tank,
- 7423 THATCHER GLASS
SAUGUS
Rebuild of melter.
- 7424 INTERNATIONAL ALUMINUM
ALHAMBRA
Design and construct doller hearth glass
tempering furnace. 11/2
- 7425 PACIFIC SMELTING
TORRANCE
Repairs to retort furnace.
- 7426 PACIFIC SMELTING
TORRANCE
Repairs to muffler.
- 7427 GREATLAKES CARBON
WILMINGTON
Necessary repairs to #2 kiln.
- 7428 NORRIS INDUSTRIES
MAYWOOD
Necessary repairs to #1 draw furnace and
#1 hard furnace.
- 7429 HOAGLAND ENGINEERS
ORANGE COUNTY SANITATION
FOUNTAIN VALLEY
Furnish labor and material to construct
incinerator #22, Reclamation Plant #21.

NOVEMBER 1972

- 7430 BETHLEHEM SHIPYARDS
TERMINAL ISLAND
"SS HAWAIIAN MOTORIST"
Repair starboard boiler.

- 7431 CONTINENTAL CAN CO.
TERMINAL ISLAND
Repairs to catalytic fume incinerator.

- 7432 LURGI KNOST INC.
STAUFFER CHEMICAL
DOMINGUEZ
Supply and install acidbrick linings in vessels.

- 7433 HARBOR BOAT
TERMINAL ISLAND
"USS JOHN PAUL JONES"
Long Beach Naval Sta Pier #16.
Repairs to boiler #1B.

- 7434 HALL HEAT TREATING CO.
PARAMOUNT
Electrical repair to furnace #17.

- 7435 GREAT LAKES CARBON
WILMINGTON
Repairs to #2 stack.

- 7436 H. KRAMER
EL SEGUNDO
CHAPMAN METALS
CHINO
Reline rotary furnace

- 7437 SHELL OIL CO.
DOMINGUEZ
Repair #4 boiler.

- 7438 APEX SMELTING
TORRANCE
Labor only to repair #3 furnace.

NOVEMBER 1972

- 7439 TODD SHIPYARDS
SAN PEDRO
"SS PRESIDENT LINCOLN"
Repair port and Starboard boiler.
- 7440 TODD SHIPYARDS
SAN PEDRO
"SS FETTERMAN"
Repair starboard boiler.
- 7441 AFFILIATED METALS
LOS ANGELES
Repair stainless steel pickling tank.
- 7442 U S BORAX
BORON
Repair #4 furnace.
- 7443 U S BORAX
BORON
Repair #2 furnace
- 7444 POWERINE OIL
SANTA FE SPRINGS
Repairs to HC heater.
- 7445 ALCAN
RIVERSIDE
Repair #63 holding furnace.
- 7446 ALCAN
RIVERSIDE
Repair north wall #65 furnace.
- 7447 ALCAN
RIVERSIDE
Repair dividing wall on E furnace #8.

NOVEMBER 1972

- 7448 STANDARD OIL
EL SEGUNDO
Necessary repairs to F610B heater .
- 7449 STANDARD OIL
EL SEGUNDO
Cut ceramic insulators.

DECEMBER 1972

- 7450 GREAT LAKES CARBON
WILMINGTON
Construct heat shield for #3 kiln stack.
- 7451 SHELL OIL CO.
DOMINGUEZ
Repair #6 boiler
- 7452 TEXACO
Wilmington
Repair concrete and brickwork acid truck
loading rack.
- 7453 COLLIER CARBON ± CHEMICAL
BREA
Necessary repairs to flue from secondary
reformer to waste heat boiler.
- 7454 FEDERAL PAPER BOARD
CITY OF INDUSTRY
Repair to boilers.
- 7455 SCHULTZ STEEL CO.
MAYWOOD
Design and construct one 8x25 carbottom
forging furnace.
- 7456 MONSANTO CHEMICAL
LONG BEACH
Necessary repairs to calciner combustion unit.

DECEMBER 1972

- 7457 STANDARD OIL CO.
EL SEGUNDO
Repair #8 crude unit.
- 7458 PORT WELDING AND MACHINE WORKS
MV SILVERSTONE
SAN PEDRO - BERTH 97
Repair cockran boiler.
- 7459 GREAT LAKES CARBON
WILMINGTON
#2 stack.
- 7460 STEANS-ROGER
PHELPS DODGE
Morenci, Arizona
Refractory installation.
- 7461 JOHNS- MANVILLE
CORONA
Repair incinerator #5.
- 7462 BIRD and SON INC
WILMINGTON
Repair 10mm btu asphalt heater and fume burner.
- 7463 HEAT AND POWER
LOS ANGELES
TEMPLE HOSPITAL
Repair package boiler.
- 7464 STAUFFER CHEMICAL
DOMINGUEZ
Repair sulphur burner #3 plant.
- 7465 MOBIL OIL
TORRANCE
Repair regenerator.
A - Repair reactor riser line.
B - Repair overhead line.

DECEMBER 1972

- 7466 MARTIN MARIETTA
TORRANCE
Necessary repairs to the combustion chamber of
#1 Westinghouse furnace at Press Forge Plant.
- 7467 U S BORAX
BORON
Refractory repairs #RA furnace.
- 7468 VALLEY NITROGEN PRODUCERS INC
EL CENTRO
Repair primary reformer.
A- Repair bross boiler.
- 7469 SHELL OIL COMPANY
Dominguez
Repair Heater #18
- 7470 MARTIN MARIETTA
TORRANCE
Repair #1 Melter Furnace
"A" Remove and replace zircon curtain wall
- 7471 STANDARD OIL COMPANY
EL SEGUNDO
Pump Base
- 7472 INTERNATIONAL EXTRUSION
ALHAMBRA
Construct 90,000# Homogenizing Furnace
- 7473 STAUFFER CHEMICAL
DOMINGUEZ
Repair #1 Caustic Pot
- 7474 STAUFFER CHEMICAL
DOMINGUEZ
Repairs to #5 Caustic Pot

DECEMBER 1972

- 7475 U S Borax
BORON
Repair #2 Air Heater, Plant #3
- 7476 CARSON OIL CO
CARSON
Necessary Repairs to #6 Born Heater
- 7477 MARTIN MARIETTA
TORRANCE
Repair #1 Holding Furnace
- 7478 STANDARD OIL CO
EL SEGUNDO
Repairs to Regenerator FCC Unit
- 7479 STATE STEAMSHIP CO
SS MONTANA
Necessary Repairs to Starboard Boiler & Heater
- 7480 RIVERSIDE DIVISION
AMERICAN CEMENT CORP
CRESTMORE, CALIFORNIA
Supply labor and materials to install lining on
west wall #2 firing hood
- 7481 QUEMETCO
CITY OF INDUSTRY
Replace tapout block on reverb furnace
- 7482 MARTIN MARIETTA CARBON
LONG BEACH
Necessary repairs to kiln
- 7483 ALCAN ALUMINUM
RIVERSIDE
Repairs to #65 Furnace
- 7484 ALCAN ALUMINUM
RIVERSIDE
Repairs to #8 Furnace

DECEMBER 1972

- 7485 SHELL OIL CO
WILMINGTON
Replace top half of burner wall with brick
- 7486 JORGENSEN STEEL
LOS ANGELES
Labor to replace roof on #1 furnace
- 7487 NORRIS INDUSTRIES
MAYWOOD
Repairs to #1 Hard Furnace
- 7488 H KRAMER CO
EL SEGUNDO
Necessary repairs to #1 reverb
- 7489 MARTIN MARIETTA
TORRANCE
Labor only to repair #11 furnace
- 7490 PACIFIC FAR EAST LINES
CONSOLIDATED MARINE INC
SAN PEDRO
SS SOMOA BEAR
Repairs to the starboard boiler
- 7491 KOPPERS
FONTANA
Necessary repairs to oil heater
- 7492 GREAT LAKES CARBON
WILMINGTON
Repairs to #4 kiln
- "A" #4 Stack Heat Shield
- 7493 ARROWJET GENERAL
FULLERTON
Necessary repairs to GE Glo Bar Furnace

DECEMBER 1972

- 7494 STANDARD OIL
EL SEGUNDO
Necessary repairs to #2 Residium Stripper
- 7495 NORRIS INDUSTRIES
MAYWOOD
Repair #1 Hard Furnace
- 7496 GENERAL ELECTRIC
ONTARIO
Necessary Repairs to a Cal Rod Furnace
- 7497 U S BORAX
BORON
Repairs to #7 Furnace, Plant #5
- 7498 STANDARD OIL
EL SEGUNDO
Repair Boiler #37
- 7499 PHELPS DODGE
LOS ANGELES
Burner Modifications.
- 7500 CARLTON FORGE WORKS
PARAMOUNT
Design and Construct one Carbottom Forge
Furnace
- 7501 W R GRACE COMPANY
SOUTH GATE
Repair Crossover duct #1 Swenson Evaporator
- "A" Insulate top of roof

JANUARY 1973

- 7502 GREAT LAKES CARBON
WILMINGTON
#3 Kiln and settling chamber - Repairs
- "A" #3 Stack - Heat Shield

JANUARY 1973

7503 UNITED STATES GYPSUM CO
South Gate
Refractory repairs #1 Still Roofing Plant.

7504 CONSOLIDATED MARINE INC
SAN PEDRO
SS PRESIDENT COOLIDGE
Necessary repairs to Port Boiler

7505 E M JORGENSEN
LOS ANGELES
Necessary repairs to #6 Furnace

7506 RALPH M PARSONS CO
UNION OIL CO
WILMINGTON
Refractory Linings Sulfur Recovery Unit

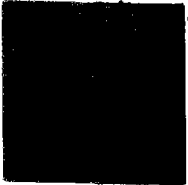
7507 KAISER FAB
FONTANA
Labor and material to reline plate heating
furnace car deck

7508 NORRIS INDUSTRIES
MAYWOOD
Repair #2 Hard Furnace.

7509 STANDARD OIL CO
EL SEGUNDO
Repair #48 Crude Unit

7510 TODD SHIPYARD
USS ROARK
SAN PEDRO
Repair Boilers #1A And #1B

7511 MARTIN MARIETTA ALUMINUM
TORRANCE
Nec. Repairs to #10 Furnace.



JANUARY 1973

7512 NL INDUSTRIES
SALT LAKE CITY, UTAH
Furnish one launder heater

7513 CAL SHIPYARDS
USS MISPILLION
LONG BEACH
Repair Boilers, 1,2,3, and 4

7514 COLLIER CARBON AND CHEMICAL
BREA
Repair refractory B-701 Reformer

7515 CMI
SS PRES HAYES
SAN PEDRO
Repair port boiler.

7516 PACIFIC SMELTING
TORRANCE
Repair to #1 Muffle Furnace

7517 JORGENSEN STEEL
LOS ANGELES
Repairs to #3 Furnace

7518 UNION CARBIDE
TORRANCE
Necessary repairs to sludge furnace.

7519 HITCO
TORRANCE
Furnish Detrick Arch for Luminous wall
Ceramic Fabric Furnace.

7520 W R GRACE CO
SOUTH GATE
Repair Crossover Duct of #3 Swenson Evaporator

"A" Repair #2 Swenson Evaporator

JANUARY 1973

7521	CALIF PORTLAND CEMENT COLTON Repair Westend #2 Cooler
7522	MARATHON STEEL CO TEMPE ARIZONA Supply labor and material to reline filled heating furnace
7523	TEXACO WILMINGTON Repair #5 Boiler
7524	RALPH M PARSONS CO MOBIL OIL CO TORRANCE Furnish and install refractory installation tail gas scrubbing facility "A" Furnish extra material
7525	PROCTOR AND GAMBEL MFG CO LONG BEACH Labor and material necessary to repair Peabody furnace
7526	MONSANTO CHEMICAL CO LONG BEACH Repair #1 Burner
7527	GULF OIL CO U S SANTA FE SPRINGS Supply and install refractory materials for duct lining and heater modification
7528	WESTERN PETRO-CHEM SERVICES INC MOBIL OIL CO TORRANCE Build Scaffold in Regenerator

JANUARY 1973

7529 U S BORAX
BORON
Repair Plant #26 ABA Furnace.

7530 BETHLEHEM SHIPYARDS
SS STEEL DESIGNER
TERMINAL ISLAND
Repair port and starboard boilers

7531 STANDARD OIL CO
EL SEGUNDO
Repair #1 Atmospheric Unit

7532 SHELL CHEMICAL CO
DOMINGUEZ
Repairs to Stripper

7533 STAUFFER CHEMICAL CO
DOMINGUEZ
Repairs to #3 Caustic Pot

7534 HARBOR BOAT BUILDING
TERMINAL ISLAND
USS SOMERS
Repair #2A Boiler Access door

7535 TOSPETRO
BAKERSFIELD
Necessary Repairs to Selas Furnace

7536 U S BORAX
BORON
Rebuild Doghouse ABA furnace Plant 26

7537 U S BORAX
BORON
Repair Syphon ABA Furnace, Plant 26

7538 VULCAN MATERIALS METALS DIVN
CORONA
Furnish and install refractory lining on
#4 Furnace

JANUARY 1973

- 7539 AMERICAN SMELTING AND REFINING
HAYDEN, ARIZONA
Install refractory linings in anode plant
- 7540 GULF OIL CORPORATION
SANTA FE SPRINGS
Repair Millard Heater
- 7541 RIVERSIDE DIVISION
AMERICAN CEMENT CORP
RIVERSIDE
Labor and material for lining #1 kiln firing
hood including south cooler wall below firing
hood and cooler bullnose

FEBRUARY 1973

- 7542 STAUFFER CHEMICAL CO
LONG BEACH
Repair H31 Boiler
- 7543 PROCTER AND GAMBLE
LONG BEACH
Repair Girdler Furnace
- 7544 SHELL OIL CO
DOMINGUEZ
Smoke test and repairs to HDU Heater #24
- 7545 PRITCHARD AND CO
ARCO
WILMINGTON
Repair Born Heater
- 7546 PRODUCTION STEEL
GARDENA
Line Plug with AA22
- 7547 KAY-BRUNNER STEEL
ALHAMBRA
Repair 11D Annealing Furnace

FEBRUARY 1973

7548

MISSION CLAY PRODUCTS

SANTA FE SPRINGS

Supply Oil Burner Systems for 4 periodic kilns

7549

MARTIN MARIETTA CARBON

TORRANCE

Supply coralite tubes 14" x 17" x 36'

7550

ATLANTIC RICHFIELD

WATSON

FCC Turnaround refractory repairs

7551

HUNT WESSON FOOD CO

FULLERTON

Labor and material for refractory repairs to #7 Boiler

7552

FLETCHER OIL CO

CARSON

Repair Burner Wall Boiler

7553

STANDARD OIL CO

EL SEGUNDO

Repair Boiler #39

7554

INTERNATIONAL EXTRUSION

ALHAMBRA

Labor and materials to construct glass cooling section

7555

US BORAX

BORON

Design air lift system for sodium sulphate removal B₂O₃ Furnace.

7556

INTERNATIONAL EXTRUSION

ALHAMBRA

Electrical and castable repair in older furnace unit

FEBRUARY 1973

7557	APEX SMELTING LONG BEACH Repair #1B Furnace
7558	U S BORAX BORON Repair Line 1 Furnace Main Fusing Plant
7559	PHILADELPHIA QUARTZ SOUTH GATE Repairs to Silica Furnace Labor Only
7560	CROSBY OVERTON CARSON YARD Repair #1 Steam Machine
7561	KOPCO PORT HUENEME Repair Kelp Kiln
7562	MARTIN-MARIETTA CARBON LONG BEACH Repair Kiln
7563	WEST WINDS, INC "USNS GENERAL ARNOLD" Outboard Side Wall in Doghouse.
7564	MARTIN MARIETTA TORRANCE Provide design only to modify old foundry furnace doors
7565	TODD SHIPBUILDING SAN PEDRO "USS BADGER" Repair Boilers 1A & 1B
7566	STAUFFER CHEMICAL CORP DOMINGUEZ Repair Manhole

FEBRUARY 1973

7567	BETHLEHEM STEEL TERMINAL ISLAND "SS AVILA" Repair Port and starboard boilers
7568	OWENS ILLINOIS EL CERRITO Repair Rotary Dryer
7569	INTERPACE GLENDALE Repair Pottery #25
"A"	Supply labor and material to install test thermocouples system on #25 kiln.
7570	TODD SHIPYARDS "SS HOLT" SAN PEDRO Repair #1B Boiler
7571	BETHLEHEM SHIPYARD "SS CARRILLO" TERMINAL ISLAND Repair Center boiler
7572	STANDARD OIL CO EL SEGUNDO Sulphur acid plant
7573	STAUFFER CHEMICAL CO DOMINGUEZ Repairs to #5 Caustic pot
7574	STAUFFER CHEMICAL LONG BEACH Repair Boiler
7575	CALIFORNIA PORTLAND CEMENT COLTON Repair #1 Cooler

MARCH 1973

7576	OFCCO CONSTRUCTION GULF OIL SANTA FE SPRINGS Install Burner Tile
7577	ALCOA VERNON Repair #5 Furnace
7578	U S BORAX BORON Repair #2 Furnace
7579	CALIFORNIA PORTLAND CEMENT MOJAVE #1 Kiln End Housing
"A"	#3 Kiln End Housing
7580	STANDARD OIL CO EL SEGUNDO Necessary repairs to V 215 reactor in the Pox Plant
7581	GENERAL ELECTRIC ONTARIO Repair Cal Rod Furnace
7582	STANDARD OIL CO EL SEGUNDO Repair #2 Cat Reformer at the Isomax Plant #4, F410 and F420 Furnaces and repair peep hole doors F410, F420, F430 and F440
7583	GULF OIL CO SANTA FE SPRINGS Install refractory lining in reaction boiler duct and expansion joint
"A"	Cut out 1" section of castable refractory on the stack side of the expansion joint. Install castable refractory in access door on top of boiler

MARCH 1973

7584	CHEVRON CHEMICAL CO KENNEWICK, WASHINGTON Install refractory lining for Fume Abater V-210
7585	MARTIN MARIETTA CARBON CARSON YARD Dryout one sleeve
7586	H. KRAMER & CO EL SEGUNDO Reline #1 Rotary Furnace
7587	GULF OIL CO SANTA FE SPRINGS Repairs to regenerator & flue gas lines
"A"	Repairs to cat cracker feed heaters #H1A & H1B
"B"	Repairs to CO boiler
"C"	Repairs to Incinerator
"D"	Repairs to HCH 1&2 heaters
"E"	Repair to CH-1 heater
"F"	Repairs to RH-1B & RH-1C heater
"G"	Repairs to hydrogen heater
7588	UNION OIL CO WILMINGTON Repair #1 boiler
7589	U S BORAX BORON Repair doghouse #4 furnace
7590	U S BORAX BORON Airlift syphon for Plant 26
7591	COLLIER CARBON & CHEMICAL WILMINGTON Necessary repairs to vestibule of B101 waste heat boiler

MARCH 1973

7592	CONSOLIDATED MARINE INC SAN PEDRO "SS SAMOA BEAR" Repairs to Starboard Boiler
7593	CONTINENTAL CAN COMPANY PORTLAND, OREGON SPARE PARTS
7594	HARBOR BOAT BUILDING FELLOWS AND STEWART TERMINAL ISLAND "SS MC KEANE Repairs to boilers 1 and 4
7595	BETHLEHEM STEEL CORP VERNON Repair acid brick lining in pickling tank 22" mill line.
7596	U S BORAX WILMINGTON Necessary repairs to salt cake furnace
7597	PACIFIC SMELTING TORRANCE Install vaporizing arch on #2 muffle furnace
7598	CANCELLED
7599	UCLA WESTWOOD Repairs to #1 & 3 boilers
7600	MARTIN MARIETTA ALUMINUM TORRANCE Repair #9 furnace
"A"	Remove and replace syphon well and south half of rear wall.

MARCH 1973

7601 MONSANTO CHEMICAL
LONG BEACH
Repair #3 burner

7602 U S BORAX
BORON
Install spout in doghouse and patch roof for
Plant #5

7603 U S BORAX
BORON
Repairs to #2 air heater

7604 CHICAGO BRIDGE & IRON CO
ARCO
CARSON
Refractory repairs FCC regenerator

7605 OWL CONSTRUCTORS
UNION OIL CO
L A REFINERY
Refractory lining vent stack unit #152

7606 OFCCO CONSTRUCTION
GULF OIL
SANTA FE SPRINGS
Furnish anchors and litecrete 90 to line
expansion joints

7607 CONTINENTAL CAN CO
PITTSBURG
Miscellaneous Controls

7608 U S BORAX
BORON
Repairs on airlift syphon ABA plant

7609 PACIFIC SMELTING
TORRANCE
Construct new dross furnace

"A" Repair two old dross furnaces

MARCH 1973

7610	MARTIN MARIETTA ALUMINUM TORRANCE Repair #1 Furnace
7611	BETHLEHEM STEEL CORP VERNON Supply labor and material to repair lining and drain in west neutralizing tank. Wire mill Dept.
7612	GULF OIL EHRHART SANTA FE SPRINGS Build Scaffold.
7613	HALL HEAT TREATING CO PARAMOUNT Necessary repairs to #18 furnace
7614	UNION OIL CO WILMINGTON Repair Unit #60 B101 heater
7615	UNITED RIGGERS & ERECTORS INC GREAT LAKES CARBON WILMINGTON Kiln #4 stack emission pilot plant
7616	JTT LA Development of oil burner
7617	U S BORAX BORON Minor repairs to doghouse ABA furnace, Plant 26
7618	STANDARD OIL CO EL SEGUNDO Necessary repairs to the head V-215 reactor

APRIL 1973

7619	U S BORAX BORON REPAIR #3 air heater, Plant 4
7620	INTERPACE GLENDALE Miscellaneous Repairs
7621	GREAT LAKES CARBON CORP WILMINGTON Furnish labor and equipment to drill six 3" holes thru firing crown on #3 kiln
7622	ALCOA VERNON Tearout #2 furnace "A" Replace #2 furnace
7623	STANDARD OIL COMPANY EL SEGUNDO Repairs to sulphur acid unit
7624	EMERY INDUSTRIES CITY OF COMMERCE Necessary repairs to #4 boiler
7625	ARCO CARSON Repairs to CO boiler
7626	VISTA METALS CORP FONTANA Design and construct three aluminum furnaces
7627	U S BORAX BORON Repairs to #2 Air Heater
7628	U S BORAX BORON Minor patch #3 furnace, Plant 5

APRIL 1973

7629	U S BORAX BORON Minor repair #2 furnace, old plant
7630	BETHLEHEM SHIPYARD TERMINAL ISLAND "Esso Newark" Repairs to Port and Starboard Boiler
7631	GRANO STEEL SANTA FE SPRINGS Labor and material to line 6 dust pots
7632	JORGENSEN STEEL LOS ANGELES Necessary repairs to #5 Furnace
7633	CONTINENTAL CAN CO TERMINAL ISLAND Modification to C1 Fume Incinerator
7634	CHAPMAN METALS DIV OF CHINO Repair rotary furnace
7635	H KRAMER and CO EL SEGUNDO Repair flue
7636	U S BORAX BORON Repair #6 furnace, Plant 5
7637	STANDARD OIL CO EL SEGUNDO Repairs to #33 boiler
7638	PHILADELPHIA QUARTZ SOUTH GATE Drill hole in stack

7639 CONTINENTAL CAN CO
OLYMPIA, WASHINGTON
Spare parts for J-7111

7640 KAY-BRUNNER STEEL PRODUCTS, INC
ALHAMBRA
Repair 10-D furnace

7641 STEEL CASTING
VERNON
Repair arch and supports in #2 Annealing
Oven

7642 TODD SHIPYARD
"USS BADGER"
San Pedro

7643 APEX SMELTING
LONG BEACH
Repair #9 furnace

7644 U S BORAX
BORON
Repair #1 furnace, Main Fusing Plant

7645 BETHLEHEM STEEL
VERNON
Repair 12" Mill Furnace Roof

7646 STANDARD OIL
EL SEGUNDO
Repair #35 boiler

7647 POWERINE OIL
SANTA FE SPRINGS
Necessary repairs to #24 and #3 reformer
heaters

7648 STANDARD OIL
EL SEGUNDO
Repair #48 crude unit, FL Furnace

APRIL 1973

7649

RALPH M PARSONS

TEXACO

Refractory lining furnace H-751, Sulfur
Recovery Unit

7650

STANDARD OIL

EL SEGUNDO

Repair to Coker Bottom

Repairs to Heaters #501, A, B and C on the
delayed Coker shutdown

7651

U S BORAX

BORON

Experimental furnace

Anhydrous borax melting

7652

U S BORAX

BORON

Repair #4 furnace, Plant 5

7653

ARROWHEAD PRODUCTS

LOS ALAMITOS

Repair the electric annealing furnace

7654

ARIZONA PORTLAND CEMENT

RILLITO, ARIZONA

Repairs to #4 kiln inlet housing

7655

ARIZONA PORTLAND CEMENT

RILLETO, ARIZONA

Install lining on top portion of two First
Stage Cyclone

7656

KAY-BRUNNER STEEL PRODUCTS

ALHAMBRA

Repair #11D Annealing Furnace

7657

APEX SMELTING

LONG BEACH

Replace blower in Zinc Furnace

APRIL 1973

- 7658 ~~IS~~ OWENS-ILLINOIS GLASS
CORONA
Necessary repairs to Rotary Dryer
- 7659 UNION OIL RESEARCH CENTER
BREA
Supply one 40 scfm Fume Incinerator
- 7660 U S BORAX
BORON
Necessary repairs to #1 furnace, old
LA Plant
- 7661 UNION OIL CO
WILMINGTON
Repair heaters B201 and B202, Unit 152

MAY 1973

- 7662 RUST ENGINEERING
STAUFFER CHEMICAL
DOMINQUEZ
Necessary repairs to 4 Air Heaters
- 7663 GREAT LAKES CARBON
WILMINGTON
Air flow damper discharge chute #4 kiln
- 7664 POWERINE OIL CO
SANTA FE SPRINGS
Cut out hex steel in bottom of Reactor
Cat Cracker shutdown
- 7665 APEX SMELTING
LONG BEACH
Necessary repairs to #1 Zinc Furnace
1B Furnace
- 7666 CHAMPLIN PETROLEUM
WILMINGTON
Necessary repairs to #H100, H200, H300A
and H300B Sulfur Boiler, Reactor, and
Sulfur Incinerator

MAY 1973

7667	MONTROSE CHEMICAL CORP TORRANCE Acid Brick Linings for 1 Acid Extraction Column
7668	PRODUCTION STEEL GARDENA Repair Doors, Carson Yard
7669	BETHLEHEM SHIPYARDS USS JUNEAU TERMINAL ISLAND Repair boilers #1 and #2
7670	U S BORAX BORON Repair Air Cooled Back Wall #7 Furnace, Plant 5
7671	HEAT POWER and EQUIPMENT CO ST VINCENT HOSPITAL LOS ANGELES Repair around burners to two boilers
7672	UNION OIL CO WILMINGTON Necessary repairs to Cat Cracker shutdown
7673	BETHLEHEM STEEL VERNON Labor and material to reline Carbottom furnace
7674	U S BORAX BORON Minor repair #3 furnace, Plant 5
7675	STANDARD OIL CO EI SEGUNDO Necessary repairs to residuum stripper heaters 101A, 101B, 102A and 102B
7676	Cancelled

MAY 1973

7677	MARTIN MARIETTA TORRANCE Labor and material to modify #1 Aluminum Melter
7678	TODD SHIPYARDS SAN PEDRO "SS MICHIGAN" Necessary repairs to port and starboard boiler
7679	U S BORAX BORON Design and construct inconel air lift mounting
7680	TOSCOPITA CORP BAKERSFIELD Repair fireproofing on the TCC Unit
7681	U S BORAX BORON Minor repairs, #5AB furnace, Plant 5
7682	CONS MARINE SS "PRESIDENT JACKSON" SAN PEDRO Repair Port Boiler
7683	HUDSON WATER WAYS SS "TRANSHURON" WILMINGTON Repair Starboard Boiler
7684	MARTIN MARIETTA ALUMINUM TORRANCE Repairs to #10 furnace
7685	STANDARD OIL CO EL SEGUNDO Necessary repairs to sulfur acid plant
7686	BETHLEHEM SHIPYARD "SS SANTA MARIA" TERMINAL ISLAND Repair to port and starboard boilers

MAY 1973

7687. MARTIN MARIETTA CARBON
CARSON
Repair the cooler section
- 7688 GREAT LAKES CARBON COPR
WILMINGTON
Necessary repairs to the cooler chute on
#4 Kiln
- 7689 POWERINE OIL
SANTA FE SPRINGS
Install heat shield at top and bottom of orifice
chamber of the fluid catalytic cracking unit.
- 7690 H KRAMER CO
EL SEGUNDO
Repair #2 rotary furnace
- 7691 M G R S INC
"SS CATALINA"
Necessary repairs on Boilers 1, 3 and 4
- 7692 CROSBY AND OVERTON
LONG BEACH
Reline 14 Fireboxes
Repair upper and lower firebox assemblies
- 7693 THE FLINTKOTE COMPANY
U S LIME DIVISION
HENDERSON, NEVADA
Repairs to Rotary Kiln Lining
- 7694 PHELPS DODGE TUBING
LOS ANGELES
Necessary repairs to incinerator
- 7695 GENERAL ELECTRIC
ONTARIO
Furnish burner tile and observation ports
for A and M furnace and door for Thorpe
Die Casting Furnace.

MAY 1973

7696	INTERNATIONAL EXTRUSION ALHAMBRA Repair reverb furnace
7697	U S BORAX BORON: Minor repairs to #2 furnace, old plant
7698	RALPH M PARSONS TEXACO LONG BEACH Refractory lining sour water stripper column
7699	A C AND S UNION OIL CO L A REFINERY WILMINGTON Fire proofing vessel
7700	CONOCO (CONTINENTAL OIL CO) LAKE CHARLES, LA Design and Detrick wall and arch materials for coke calcining incinerator.
"A"	Model Study & Test Work
7701	LINCOLN FOUNDRY VERNON Repair cupola burner system
7702	C M I "SS PRESIDENT HAYES" SAN PEDRO Repair port boiler
7703	STANDARD OIL CO EL SEGUNDO Necessary repairs to Boiler #36
7704	TORRANCE TUBING TORRANCE Necessary repairs to #1 Acid Tank, Unit 381

MAY 1973

- 7705 MARTIN MARIETTA ALUMINUM
TORRANCE
Necessary repairs to #11 furnace
- 7706 APEX SMELTING
LONG BEACH
Labor only to repair #3 furnace
- 7707 JOSLYN PACIFIC DIV
DOMINGUEZ
Supply and install two galvanizing kettles
- 7708 J T THORPE INC
LA/CARSON
Engineering evaluation of WRP Felt 1/8" thick
- 7709 MONSANTO CHEMICAL
LONG BEACH
Necessary repairs to the calciner combustion unit
- 7710 CALIFORNIA PORTLAND CEMENT
COLTON
Repair #2 Cooler and Firing Wood
- 7711 U S ELECTRIC MOTORS
LOS ANGELES
Repairs to Thorpe Annealing Furnace

JUNE 1973

- 7712 POWERINE OIL CO
SANTA FE SPRINGS
Repairs to north Foster Wheeler boiler
- 7713 RALPH M PARSONS CO.
TEXACO INC
CARSON
Refractory linings furnaces 17-1401, 17-1402,
Hydrogenation 11-1201 and Reducing Gas
Generator 11-1401

JUNE 1973

7714	U S BORAX BORON Main Fusing Plant #2 Furnace
7715	U S BORAX BORON Repairs to ABA Furnace, Plant 26
7716	U S BORAX BORON Repairs to ABA Furnace Doghouse
7717	Apex Smelting Long Beach Repair #5 Furnace
7718	CONSOLIDATED MARINE INC SAN PEDRO "SS PRESIDENT TAYLOR" Repairs to Port Boiler Economizer Vestibule
7719	MARTIN MARIETTA ALUMINUM TORRANCE Repairs to #8 Furnace
7720	STANDARD OIL CO EL SEGUNDO Repair #34 boiler
7721	NORRIS INDUSTRIES VERNON Repair Sunbeam Furnace
7722	RICHARD M LANE CO SHULTZ STEEL CO SOUTH GATE Repair slab between car tracks
7723	LIGHTWEIGHT PROCESSING CO VENTURA Repair #11 kiln lining

JUNE 1973

7724	GREAT LAKES CARBON WILMINGTON Repairs to #2 kiln
7725	STANDARD OIL CO EL SEGUNDO Replace Haydite -Lumnite floor with steel and brick floor F1 Xylene Feed Heater, GFU Plant
7726	STAUFFER CHEMICAL CO DOMINGUEZ Supply and install refractory materials for modification of converters in Plants 1 and 2
7727	KOPPERS FONTANA Repair to the batch steel south combustion chamber
7728	STANDARD OIL CO EL SEGUNDO Necessary repairs to F-1A, 1B and 1C platform heaters, F2, 3, 4 and 5 heaters, F101, 102 heaters ARP Plant
7729	CALIFORNIA SHIPBUILDING LONG BEACH, LAND SS "WICHITA" Material only.
7730	POWERINE OIL SANTA FE SPRINGS Labor only to rebrick wall in heater
7731	FLUOR UNION OIL WILMINGTON Acid brick lining for sump

JUNE 1973

7732	JELCO INC LEA COUNTY ELECTRIC COOPERATIVE INC LOVINGTON, NEW MEXICO CE boiler repairs
7733	MARTIN MARIETTA TORRANCE Supply engineering to redesign charge door on new foundry furnace
7734	ALCAN RIVERSIDE Necessary repairs to #55M aluminum melting furnace #66
7735	U S BORAX BORON Sulfate system removal ABA furnace, Plant 26
7736	INTERNATIONAL EXTRUSION Alhambra
7737	PACIFIC SMELTING TORRANCE Rebrick retort
7738	MARTIN MARIETTA ALUMINUM TORRANCE Remove and replace refractories #11 reverb furnace
7739	STANDARD OIL EL SEGUNDO Repairs to #1 crude unit
7740	STANDARD OIL EL SEGUNDO Necessary repairs to S201 Born heater at the rerun plant

JUNE 1973

7741 APEX SMELTING
LONG BEACH
Clean out floor on #1B furnace

7742 STARKIST FOODS INC
TERMINAL ISLAND
Necessary repairs to #3 reduction dryer

7743 STAUFFER CHEMICAL
DOMINGUEZ
Repairs to Caustic Pot #2. Remove floor and
repair burner tunnel

7744 ALLIED CHEMICAL
YARD - CARSON
Pour Castable in burner

7745 ALCAN ALUMINUM
RIVERSIDE
Repair #65 Furnace
"A" Repair #63 Furnace
"B" Repair #64 Furnace

7746 MARTIN MARIETTA ALUMINUM
TORRANCE
Repair #5 Furnace

JULY

7747 NICHOLS ENGINEERING & RESEARCH CORP
ORANGE COUNTY WATER DISTRICT
FOUNTAIN VALLEY
Refractory linings to multiple hearth furnace

7748 STAUFFER CHEMICAL COMPANY
DOMINGUEZ
Furnish labor and material for major reline of
plant 2 sludge furnace

JULY 1973

7749	CELOTEX CORPORATION LOS ANGELES Necessary repairs to Asphalt Kettles and replace firing tunnel in #1 tubular heater
7750	BETHLEHEM SHIPYARD USS ST LOUIS TERMINAL ISLAND Repair boiler casing
7751	W R GRACE COMPANY SOUTH GATE Repairs to 1, 2 & 3 dryers
"A"	Necessary repairs to calciner dryer
7752	U S BORAX BORON Minor repairs to #3, Plant 5
7753	BECHTEL CORPORATION LONG BEACH STEAM PLANT Repair wall of two born heaters
"A"	Install burner tile and floor paving
"B"	Supply material
7754	DOCKSIDE MACHINE & SHIP REPAIR SS COASTAL TEXAS HUNTINGTON BEACH HARBOR Repairs to port boiler
7755	STAUFFER CHEMICAL DOMINGUEZ Necessary repairs to the sulfur recovery unit boiler
7756	CONTINENTAL CAN COMPANY WHITE CAP DIVISION CHICAGO, ILLINOIS Design & Construct one 8000 SCFM and two 10,000 SCFM Fume Incinerators New design & Mols for electrical controls
"A"	
"B"	Heat Exchanger rework
"C"	Invert 1 8000scfm Incr. to 3 oven opr.
"D"	Convert 1 8000scfm Incr. to Catalytic opr.
"E"	Start-up for J-7756-D

JULY 1973

7757	U S BORAX BORON Repair #1 furnace, Plant 5
7758	GENERAL ELECTRIC ONTARIO A & M Furnace "A" Thorpe sweat furnace "B" Thorpe die casting furnace
7759	TODD SHIPYARDS SS COUNCIL GROVE SAN PEDRO Repairs to port and starboard boilers
7760	VULCAN MATERIALS COMPANY CORONA Furnish labor and equipment to install oil ratiotrol system
7761	SHELL OIL COMPANY DOMINGUEZ Repair #9 boiler
7762	SOULE STEEL COMPANY LONG BEACH Repair reheat furnace
7763	STANDARD OIL COMPANY EL SEGUNDO Repair F610 A and B Isomax furnace
7764	KOPPERS COMPANY FONTANA Supply material for 2 combustion chambers of batch still
7765	DIAMOND SHAMROCK CHEMICAL OXNARD Boiler Stack reline

JULY 1973

7766	ARMCO STEEL TORRANCE Design and construct portable heat treating furnace
7767	CMI SS PRESIDENT GARFIELD SAN PEDRO Repair starboard boiler
7768	ORTLOFF CONSTRUCTION COMPANY ARAPAHO, OKLAHOMA 170' Exhaust Stack
7769	COLLIER CHEMICAL COMPANY BREA Reline first section of transfer line past the inlet elbow with brick
7770	APEX SMELTING LONG BEACH Necessary repairs to #6 furnace
7771	FLETCHER OIL WILMINGTON Repairs to #1 and #2 heaters
7772	U S BORAX BORON Repairs to #4 furnace, Plant 5
7773	U S BORAX BORON Repairs to #5 boiler
7774	U S BORAX BORON Design and construct new #4AB air mixing chamber

JULY 1973

7775	BETHLEHEM STEEL VERNON Labor and material to repair 12" mill furnace Detrick roof
"A"	Labor and material to replace horizontal arches at down comer
7776	QUEEN OF ANGELS HOSPITAL LOS ANGELES Repairs to sterling boiler
7777	KAISER STEEL FABRICATING DEIVISION FONTANA Furnish and install acidtab in elbow
7778	NATIONAL METAL TERMINAL ISLAND Repairs to waste burners
7779	VALLEY BRASS ALHAMBRA Install linings in furnaces
7780	BETHLEHEM STEEL CORP VERNON Design and construct lead patenting furnace
7781	FILTROL CORPORATION LOS ANGELES Repair indirect fired rotary calciner
7782	CMI SS GOLDEN BEAR SAN PEDRO" Repair port and starboard boilers
7783	NORRIS INDUSTRIES MAYWOOD Necessary repairs to #1 hard and #2 draw furnaces

JULY 1973

- 7784 CARSON OIL COMPANY
CARSON, CALIFORNIA
Install burner tile in Born heater
- 7785 KERR GLASS
Santa Ana
Repair section above doghouse on glass furnace
- 7786 MARTIN MARIETTA CARBON
CARSON
Install refractory lining in firing hood and
cooler chute

AUGUST 1973

- 7787 PRODUCTOL CHEMICAL COMPANY
SANTA FE SPRINGS
Furnish engineering
- 7788 FELLOWS & STEWART
USS POINT DEFIANCE
TERMINAL ISLAND
Repair #1 and #2 boilers
- 7789 INSPIRATION CONSOLIDATED COPPER CO
INSPIRATION, ARIZONA
Design and supply components for six copper
converter burner systems
Startup Service - 5/74 & 8/74
- A & B
7790 U S BORAX
BORON
Minor repairs to Line 7 furnace, main fusing
plant
- 7791 MAC MILLIAN RING FREE OIL COMPANY
LONG BEACH
Repair #2 heater

AUGUST 1973

7792	PACIFIC SMELTING TORRANCE Repair arch on #3 dross furnace
7793	PHELPS DODGE TUBE COMPANY LOS ANGELES Labor and material to lower slag door on ascast furnace
"A"	Labor and material for repairs to rest of furnace
7794	APEX SMELTING LONG BEACH Repairs to #9B Furnace
7795	ATOMICS INTERNATIONAL CHATSWORTH Supply components and repair heater lining.
7796	ALCAN RIVERSIDE Repairs to #8 Furnace
7797	PACIFIC VALVE LONG BEACH Lining for two valve discs.
"A"	Lining for two additional valve discs
7798	COLLIER CARBON & CHEMICAL WILMINGTON Repairs to Converter
"A"	Repairs to waste heat boiler and combustion chamber
7799	MARTIN MARIETTA ALUMINUM TORRANCE Labor only to repair #7 Ajax Furnace
7800	INSPIRATION CONSOLIDATED COPPER INSPIRATION, ARIZONA Design and supply seven preheat burner systems

AUGUST 1973

7801	GREAT LAKES CARBON WILMINGTON Repairs to #4 Kiln
7802	U S BORAX BORON Experimental doghouse with two outlets for #5AB furnace, Plant 5
7803	TEXACO INC LONG BEACH Necessary repairs to furnace
7804	ARCO WILMINGTON Refractory repairs to Raygo Muffle Furnace
7805	TOSCO PETRO CORPORATION BAKERSFIELD Labor and material to refractory line roof plates convection box in transition section for heaters 16-H-11, 12, 13 & 15
"A"	Install new lining on existing structural members
7806	INTERPACE GLENDALE Miscellaneous repairs
7807	U S BORAX BORON Major repairs to #5 furnace main fusing plant
7808	PHELPS DODGE CARBON PRODUCTS LOS ANGELES Necessary repairs to rotary furnace
7809	PACIFIC SMELTING TORRANCE Repair #4 Muffle Furnace

AUGUST 1973

7810	PRODUCTOL CHEMICAL COMPANY SANTA FE SPRINGS Repairs to #4 waste heat boiler
7811	UNION OIL COMPANY WILMINGTON Necessary repairs to heaters B2A and B3A
7812	MARTIN MARIETTA ALUMINUM TORRANCE Design and engineering for MSA Detrick Arch for melting furnaces 1 thru 4
7813	U S BORAX BORON Minor repairs to #1RA Furnace, Old Plant
7814	OWL CONSTRUCTORS SO. CALIF. EDISON LOS ALAMITOS PLANT LONG BEACH Repairs to Born heater
7815	SS GAINS MILL To install plastic burner cones in starboard boiler
7816	WEBER AIRCRAFT BURBANK Necessary repairs to Annealing Oven
"A"	Line door
7817	H KRAMER & COMPANY EL SEGUNDO Repairs to #1 Rotary Furnace
7818	CONTINENTAL CAN COMPANY UNION PACIFIC Repair of Incinerator Line PC-8

AUGUST 1973

7819	U.S. BORAX Boron Repair #2 boiler
7820	GREAT LAKES CARBON Wilmington Repair #2 cooler chute
7821	STANDARD OIL CO. El Segundo Necessary repairs to hydrofiner
7822	STANDARD OIL CO. El Segundo repairs to V215 reactor head
7823	MARTIN MARIETTA CARBON Carson Repairs to rotary kiln
7824	ARCO Wilmington TCC #1 and TCC #2 De Florez heater
7825	PRODUCTOL CHEMICAL CO. Repairs to #7 waste heat boiler "A:" Engineering
7826	AMAX CARBON Bakersfield Repairs to BSP Calciner
7827	VISTA METALS Fontana Construct three alcoa type aluminum filter units with combustion equipment
7828	N L INDUSTRIES Rowley, Utah Furnish 6 launder heaters

AUGUST 1973

7829	AIR CONDITIONING CO, INC. Glendale, California Boul Office Bldg 1 Suson, Arizona Furnish and install insulation
7830	U S BORAX Boron Elevate the freeching floor #7AB furnace plant #5
7831	GENERAL WELDING Los Angeles Install K26 FB in
7832	U S BORAX Boron Repairs to #2RA furnace, Old Plant
7833	OWENS-ILLINOIS El Cerrito Repair #1 Dryer
7834	COLLIER CARBON AND CHEMICAL Santa Maria Acid resistant lining for gas outlet zone #2 calciner
7835	STEEL CASTING CO Los Angeles Repair door #1 furnace
"A"	Necessary repairs to the combustion chamber at rear of furnace
7836	PHELPS DODGE Los Angeles Design and construct portable oil burner
7837	STANDARD OIL CO. El Segundo Necessary repairs to roof #47 crude unit

AUGUST 1973

- 7838 STAUFFER CHEMICAL
Dominguez
Install acid brick linings in sewer
manhole, sewer catch basin and pump
- 7839 U S BORAX
Wilmington
Refractory repairs to 5 RTD ABA furnace
- 7840 N L INDUSTRIES
Rowley, Utah
Fabricate one damper assembly
- 7841 Martin Marietta Carbon
Watson
Design and calculations for
secondary after burner
- 7842 U S BORAX
Boron
Design and construct experimental doghouse
#6 AB furnace, Line #5

SEPTEMBER 1973

- 7843 SHELL CHEMICAL
Dominguez
Repairs to Stripper
- "A" Repairs to stripper
- 7844 U S BORAX
Boron
Repairs to #2 air heater
- 7845 APEX SMELTING
Long Beach
Replacing tapout blocks

SEPTEMBER 1973

7846	TEXACO INC. Wilmington Repairs to "B" generator
7847	H KRAMER AND CO. El Segundo Repair #1 revert
7848	U S BORAX Boron Necessary repairs to recast holding blocks for sulfate air lift.
7849	JORGENSEN STEEL Los Angeles Necessary repairs to #4 furnace
7850	ORTLOFF CONSTRUCTION Arkansas-Louisiana Gas Co. Arapaho, Oklahoma Design and supply waste gas incinerator
"A"	Startup
7851	WESTERN PETROCHEM U.S. Gypsum Torrance Labor only to line one after burner
7852	ARIZONA PORTLAND CEMENT Rillito, Arizona New lining for #2 kiln hood
7853	APEX SMELTING Long Beach Replace arch on #9 furnace
7854	GREAT LAKES CARBON Wilmington Repair #3 kiln

SEPTEMBER 1973

7855	U S BORAX Boron Repair B2 O3 furnace, plant 26
"A"	Repairs to doghouse B2 O3 furnace Plant 26
7856	SUPERWELD No. Hollywood To install element in annealing furnace and repair necessary brickwork
7857	TOSCO PETRO Bakersfield Repair #3 boiler
7858	TEXACO INC. Wilmington Necessary repairs to H25 stripper
7859	TEXACO INC. Wilmington Repair H3 heater
7860	TEXACO INC. Wilmington Repairs to H-1 and H-2 heaters
7861	FLUOR ENGINEERS UNION OIL CO. Wilmington Repairs to Sels heater 100-100, 101, -102, -103 and -104
7862	PHILADELPHIA QUARTZ South Gate Necessary repairs to silicate furnace
7863	INTERNATIONAL EXTRUSION Alhambra Necessary repairs to the reverb furnace

SEPTEMBER 1973

A - Pick up, prepare & deliver HW 3027 shortage.
B - Remove & replace poke hole blocks in preheater roof.
C - Point up bottom of NSA arch in preheater.
D - Add 3/8" plates to existing support beams as req'd.
E - Enlarge poke holes in sidewall of preheater.

7864 C-E HAYMOND/BARTLETT-SNOW
American Cyanamid
Azusa
Refractory lining rotary kiln, firing
hood and feed and housing

7865 KENNEDY VAN SAUN
U.S. LIME
Nelson, Arizona
Refractory linings lime calcining system

7866 TEXACO
Wilmington
Repairs to UPS #2 heater

7867 BETHLEHEM SHIPYARDS
SS "Telde"
Necessary repairs to starboard boiler

7868 PACIFIC PUMP
Huntington Park
Replace burner tile #1 boiler

7869 STANDARD OIL
El Segundo
Labor and material for Steam Methane
reformer furnace. (F-301) Isomax.
Replace and repair refractory in H2
transfer line and repair refractory
around burners #9 and #22

"A" Cut inspection peep holes in refractory
total of 16

7870 U S BORAX
Boron
Repairs to #4 boiler

7871 STANDARD OIL CO.
El Segundo
Repairs to #48 crude unit

SEPTEMBER 1973

7872 STAUFFER CHEMICAL CO.
Carson
Brick line a mitered ell

7873 WEBER AIRCRAFT
Burbank
Insulate hood over heat treat
furnace

7874 STAUFFER CHEMICAL CO.
Dominguez
Refractory repairs plant #1
Sludze furnace
"A" Flue gasline
"B" Quench tower

7875 STANDARD OIL CO
El Segundo
Brick up access door to Sulfur plant

7876 FILTROL CORP
Los Angeles
Necessary repairs to C201 Dryer

7877 TEXACO
Long Beach
Necessary repairs to F603 Incinerator

7878 PATHWAY BELLOWS INC.
El Cajon
Install and dry out refractory in
expansion joint.

7879 GREAT LAKES CARBON
Gilmington
Necessary repairs to #4 kiln

7880 W R GRACE
South Gate
Repairs to #2 Dryer

SEPTEMBER 1973

- 7881 TEXACO INC.
 Redman Corp.
 Torrance
 Line channel head of E732
- 7882 GREAT LAKES CARBON
 Wilmington
 Repair #1 kiln
- 7883 VISTA METALS
 Fontana
 Two preheat furnaces
- 7884 LEVER BROS
 City of Commerce
 Repairs to #3 boiler
- 7885 ARIZONA PORTLAND CEMENT
 Rillito, Arizona
 Install 3½ Lo-Erode lining in gas-
 duct system second and third stage
 cyclones, #4 kiln preheater
- 7886 PHELPS DODGE TUBE
 Los Angeles
 Replace the main arch in #680
 Annealing Furnace
- 7887 J T THORPE COMPANY
 Texaco Inc.
 El Paso, Texas
 CO Incinerator
- 7888 SHELL OIL
 Dominguez
 Repair #3 boiler
- 7889 CAL SHIPYARDS
 Long Beach
 Necessary repairs to #1 boiler

SEPTEMBER 1973

- 7890 CONTINENTAL CAN CO.
Terminal Island
Replace oven exhaust fan,
Oven C-2
- 7891 CONTINENTAL CAN CO.
Commerce
Repair fume burner for PC-2
and PC-3
- 7892 DELCO REMY
Anaheim
Repair door and jamb of lead revert
- 7893 U S BORAX
Boron
Experimental Doghouse #7 AB
Furnace

OCTOBER 1973

- 7894 U S BORAX
Boron
Repair #3 furnace
- 7895 VALLEY BRASS
El Monte
Install lining in furnace
- 7896 APEX SMELTING
Long Beach
Repair #1B furnace arch and jamb
- 7897 MONSANTO CHEMICAL
Long Beach
Necessary repairs to #1 furnace

OCTOBER 1973

7898	COMMERCIAL ENAMELING Los Angeles Necessary repairs to enameling furnace
7899	BETHLEHEM SHIPYARDS Terminal Island SS "Gaines Mills" Repairs to port and starboard boilers B and W
7900	PROCTOR AND GAMBLE Long Beach Necessary repairs to Peabody Furnace
7901	SHELL OIL CO. Dominguez Necessary repairs to heater #35
"A"	Repairs to heater #24
7902	MORRIS P KIRK AND SON Los Angeles Repairs to reverb
7903	APEX SMELTING Long Beach Gunitite west wall on #3 furnace
7904	STARKIST-FOODS INC. Terminal Island Install bullseye in burner of larger dryer
7905	MONSANTO CHEMICAL Long Beach Necessary repairs to #2 burner
7906	TOSCO PETRO Bakersfield Necessary repairs to the John Zink Direct fired heater

OCTOBER 1973

- 7907 CONTINENTAL FORGE
Compton
Repair Die preheat furnace 10/9
- 7908 MORRIS INDUSTRIES
Maywood
Repair #1 hearth furnace
- 7909 GULF OIL COMPANY
Santa Fe Springs
Repairs to #1 package boiler
- 7910 HOPPING FOUNDRY
Pasadena
Install refractory in rotary
hearth furnace
- 7911 RUST ENGINEERING
STAUFFER CHEMICAL
Dominguez
Point up brick works
- 7912 CONSOLIDATED MARINE
San Pedro
SS "Pres. Coolidge"
Necessary repairs to starboard boiler
- 7913 MARTIN MARIETTA ALUMINUM
TORRANCE
Necessary repairs to #2 Furnace.
- 7914 SHELL CHEMICAL
DOMINGUEZ
Repair Stripper.
- 7915 ASTECH
SANTA ANA
Repair carbon brick lined tank.

OCTOBER 1973

- 7916 WESTERN BRASS
LOS ANGELES
Ram an inductor.
- 7917 INTERNATIONAL EXTRUSION
ALHAMBRA
Repair door jambs of reverb furnace.
- 7918 INTERPACE
LOS ANGELES
Brickwork repairs to #8 tile kiln.
- 7919 APEX SMELTING
LONG BEACH
Repair #1 and #1B furnaces.
- 7920 ARTHUR G. McKEE & CO
EXXON COMPANY
BAYWAY REFINERY
LINDEN, NEW JERSEY
Design and construct Waste Gas Incinerator.
- 7921 H. KRAMER & COMPANY
EL SEGUNDO
Repairs to #3 reverb.
- 7922 RALPH M PARSONS
LOS ANGELES
Refractory repairs to two Selas Super Heaters.
- 7923 CALIFORNIA PORTLAND CEMENT
COLTON
Necessary repairs to the #2 firing hood and cooler.
- 7924 JORGENSEN STEEL
LOS ANGELES
Repairs to south 7½ furnace.
- 7925 U S BORAX
BORON
Repairs to #1AB Furnace.

OCTOBER 1973

- 7926 STANDARD OIL COMPANY
EL SEGUNDO
Necessary repairs to the #2 residium stripper.
- 7927 J T THORPE & SON INC
STANDARD OIL COMPANY
RICHMOND, CALIFORNIA
Refractory dryout.
- 7928 KOPPERS
FONTANA
Reline batch still
- 7929 AMETEK
LOS ANGELES
Repair curtain wall.
- 7930 TODD SHIPYARDS
SAN PEDRO
Necessary repairs to #3 stationary boiler.
- 7931 NORRIS INDUSTRIES
MAYWOOD
Necessary repairs to #1 and #2 draw furnaces and
#1 and #2 hard furnaces.
- 7932 STANDARD OIL COMPANY
EL SEGUNDO
Necessary repairs to Cat Reformer.
- 7933 MOBIL OIL
TORRANCE
Refractory lining flare stack.
- 7934 RALPH M PARSONS
HECLA MINING CO
CASA GRANDE, ARIZONA
ACID BRICK LINING FOR LEACH TANK #1

OCTOBER 1973

- 7935 PRODUCTION STEEL COMPANY
GARDENA
Install castable in stack.
- 7936 MARTIN MARIETTA ALUMINUM
TORRANCE
Repairs to Ajax furnace.
- 7937 KAISER STEEL CORPORATION
EAGLE MOUNTAIN
Repairs to Dravo Pelletizing Furnace.

NOVEMBER 1973

- 7938 JORGENSEN STEEL
LOS ANGELES
Repairs to #6 hammer mill furnace.
- 7939 COLLIER CARBON & CHEMICAL
BREA
Repairs to H2 transfer line brick lined elbow below
primary reformer.
- 7940 VALLEY NITROGEN PRODUCERS, INC
AGRIFORM
IMPERIAL, CALIFORNIA
Supply combustion system and flame safety
panel.
- 7941 GREAT LAKES CARBON
ENID, OKLAHOMA
Supply water cooled damper and mechanical system.
- 7942 HOLLY SUGAR
BRAWLEY, CALIFORNIA
Repairs to #1 & #2 dryer furnace.
Refractory installation on Coen Burners on Dryers
1, 2 & 3.
- "A"

NOVEMBER 1973

7943 PACIFIC SMELTING
TORRANCE
Repairs to #1 Muffle Furnace, Vaporizing unit.
"A" Tie in work to melter section.

7944 UNION OIL COMPANY
WILMINGTON
Fireproof three tanks #302

7945 CALIFORNIA PORTLAND CEMENT
COLTON
Repairs to #1 cooler.

7946 STAUFFER CHEMICAL
DOMINGUEZ
Line seven sump holes with Belden shale brick and
HB mortar.

7947 U S BORAX
BORON
Repair #4 furnace, Plant 5.

7948 JORGENSEN STEEL
LOS ANGELES
Repair normalizing furnace.

7949 U S BORAX
BORON
Repair #2 furnace in RA plant.

7950 RUCKER SHAFFER
BREA
Design and construct heat treating furnace.

7951 STANDARD OIL COMPANY
EL SEGUNDO
Repair F1 atmospheric furnace at #1 crude unit.

7952 MARTIN MARIETTA CARBON
CARSON
Repair kiln.

NOVEMBER 1973

- 7953 KERR GLASS
SANTA ANA
Hot patch glass furnace.
- 7954 STAUFFER CHEMICAL
DOMINGUEZ
Acid brick lining Brink Mist Eliminator Plant #3.
- 7955 GLASS CONTAINERS CORPORATION
VERNON
Rebuild #1 Furnace.
- 7956 ATLANTIC RICHFIELD
CARSON
Repair regenerator riser line.
"A" Repairs to generator cyclone.
"B" Repair boiler #41.
"C" Insulation repairs to regenerator 90° ell and CO
duct.
"D" Repairs to reactor and reactor riser.
- 7957 OWENS-ILLINOIS
EL CERRITO
Necessary repairs to dryer.
- 7958 H KRAMER (CHAPMAN METALS)
CHINO
Repairs to #1 rotary furnace.
- 7959 RESEARCH COTTRELL
STANDARD OIL
NEW JERSEY
CARSON YARD
Cut 100-200 ceramic flower pots.
- 7960 U S BORAX
BORON
Repairs to #5 doghouse.
- 7961 VALLEY BRASS
EL MONTE
Install lining in furnace.

NOVEMBER (Continued)

7962 LOVECO
Terminal Island
Repairs to Two stack sections

7963 SHELL CHEMICAL
Dominguez
Acid brick paving repairs

7964 GLASS CONTAINERS
Vernon
Shoring platform in front of #1 Furnace

7965 UNIO OIL
Wilmington
Replace broken tile
on floor of cafeteria

7966 ALCAN
Riverside
Repair #65 Furnace

7967 H KRAMER CO
El Segundo
Repairs to #1 rotary

7968 H KRAMER CO
El Segundo
Repairs to #1 reverb

7969 APEX SMELTING
Long Beach
Nec. Repairs to #3 furnace

7970 JORGENSEN STEEL
Los Angeles
Repairs to North 7½ Upsetter Furnace

7971 Boron
Repair #5 Doghouse

7972 SOULE STEEL
Long Beach
Repair reheat burner

NOVEMBER 1973

- 7973 . PACIFIC FAR EAST LINE, INC.
c/o Consolidated Marine
SS "Philippine Bear"
Long Beach
Repairs to starboard boiler
- 7974 U S BORAX AND CHEMICAL
Boron
Repair #2 furnace, Plant #5
- 7975 U S BORAX AND CHEMICAL
Boron
Repair #1 Furnace old RA Plant
- 7976 STANDARD OIL
El Segundo
Repairs to #3 2 boiler
- 7977 MONSANTO CHEMICAL
Long Beach
Nec. repairs #3 burner
- 7978 GREAT LAKES CARBON CORP.
Wilmington
Nec. repairs #4 kiln
- 7979 RALPH M. PARSONS
Los Angeles
Refractory linings six experimental
reaction furnaces
- 7980 STANDARD OIL
El Segundo
Repairs to #1 Crude
F1 atmospheric furnace
- 7981 ALCOA
Vernon
Tear out and renew lining in #3-25 Ton
Melting Furnace
"A" Replace lining

- 7982 AMERICAN CEMENT CORP.
Riverside Division
Crestmore
Repair sloping section of MSA arch on
#2 kiln cooler
- 7983 U S BORAX
Boron
Redesign firebox and burner equipment for
oil firing for Four Wyssmont Dryers, 10
Mol. Units.
"A" Three 5 Mol Units
- 7984 U S BORAX
Boron
Firebox and burner equipment for oil
firing R 46 Dryer - "A" Modify R46 Dryer
"B" Install forced air cooling firebox on above.
- 7985 J T THORPE AND SON
Shell Oil Co.
Martinez
Line expansion joint at associated piping
- 7986 ATLANTIC RICH FIELD
Watson
Refractory repairs to the "B" unit muffle
furnace
- 7987 KOPPERS
Fontaca
Repair combustion batch still
- 7988 STATES STEAMSHIP
SS "Montana"
Long Beach
Labor only to remove debris from port boiler
super heater
- 7989 NORRIS INDUSTRIES
Carson Yard
One furnace door to be recast

DECEMBER 1973

- 7990 U S BORAX
Boron
T Shape Doghouse #5 Furnace, Model #2
- 7991 STAUFFER CHEMICAL
West end
Repairs to 8' diatrotary kiln
- 7992 U S BORAX
Boron
Repairs to #6AB Furnace, Plant #5
- 7993 CALIFORNIA PORTLAND CEMENT
Mojave
Refractory repairs
#5 kiln end housing
- 7994 HARBOR BOAT BUILDING
USS "Illusive"
Terminal Island
Repair #1 boiler
- 7996 INTERPACE
Glendale
Brickwork repairs to #10 Tile Kiln
- 7997 UNION OIL COMPANY
Wilmington
Repairs to E103 unit
~~"A" Repairs to access doors of waste
head boiler~~ *cancelled*
- 7998 STANDARD OIL
El Segundo
Nec. repairs to boiler No. 31
- 7999 BETHLEHEM SHIPYARDS
Terminal Island
SS "Overseas Alice"
Remove and install Oceanite in port and
starboard boilers

DECEMBER 1973

8000 INTERPACE
Los Angeles
Repairs to #15 Tile Kiln

8001 INTERPACE
Los Angeles
Repairs to #14 Tile Kiln

8002 PRODUCTION STEEL
Gardena
Install AA22 in reactor riser extension for Texaco.

8003 GLASS CONTAINERS
Vernon
Extra work on checkers

8004 GREAT LAKES CARBON
Wilmington
Necessary repairs to cooler chute of #2 kiln

8005 TEXACO INC
Wilmington
Repairs to "A" Generator lining - HGU

~~8006 CONTINENTAL CAN COMPANY~~ *cancelled*
~~Hayward~~
~~Rework of 12,000 scfm heat exchanger to~~
~~include tubulars.~~

8007 APEX SMELTING
Long Beach
Gunite jambs on #1 furnace.

8008 SHELL OIL COMPANY
Wilmington
Install AA22 in slide valves.

8009 U S BORAX
BORON
Major repairs to ABA furnace, Plant 26

DECEMBER 1973

8010	LEVER BROTHERS Los Angeles Repair #1 boiler "A" Supply additional material
8011	ALCOA Riverside Necessary repairs to #63 furnace "A" Labor only to cold clean interior of #7 furnace
8012	ALCAN Riverside Necessary repairs to #64 furnace
8013	INTERPACE Los Angeles Repairs to #16 tile kiln
8014	U S BORAX Bakersfield Test Namco #6790-12 Burner for heavy oil firing
8015	UNION CARBIDE & CHEMICAL CO Torrance Necessary repairs to #1 furnace.
8016	APEX SMELTING Long Beach Repairs to #1B furnace
8017	MONSANTO CHEMICAL Long Beach Necessary repairs to the calciner combustion unit
8018	VISTA METALS Fontana Install pad 10 x 20 x 3" with Aztex firebrick
8019	APEX SMELTING Long Beach Repair #2 furnace

DECEMBER 1973

- 8020 POWERINE OIL CO
Santa Fe Springs
Necessary repairs to B crude unit
- 8021 SOULE STEEL
Long Beach
Necessary repairs to the curtain wall on
reheat furnace
- 8022 TEXACO INC
Long Beach
Necessary repairs to Incinerator
- 8023 U S BORAX
Boron
Minor repairs Plant 5, #4 Furnace
- 8024 MARTIN MARIETTA CARBON
Carson
Necessary repairs to transition chute, settling
chamber and combustion chamber.
- 8025 STANDARD OIL COMPANY
El Segundo
Fireproofing support beams on re-run stills
- 8026 GREAT LAKES CARBON
Wilmington
Repairs to #1 kiln
- 8027 CONSOLIDATED MARINE
"SS PRESIDENT HARRISON"
San Pedro
Necessary repairs to superheater
- 8028 VISTA METALS
Fontana
Labor and material to insulate the two corners
of the vertical walls in the well of #2 furnace with
2½" IRC-22.

JANUARY 1974

8029 CONTINENTAL CAN COMPANY
Union Pacific Plant
Repairs to PC10 Oven

8030 ARROWHEAD PRODUCTS
Los Alamitos
Repair the Huppert Furnace

8031 SHELL OIL CO
Watson
Repairs to Heater 22

8032 APEX SMELTING
Long Beach
Clean out #5 furnace
"A" Repair L-3 furnace

8033 OWENS-ILLINOIS
El Cerrito
Repair furnace

8034 STANDARD OIL CO
El Segundo
Necessary repairs to the Hydrofiner Sidewalls

8035 H KRAMER
El Segundo
Necessary repairs to #2 rotary.

8036 INTERNATIONAL EXTRUSION
Alhambra
Necessary repairs to Melting furnace

8037 SOULE STEEL
Dominguez
Repair sidewalls and discharge endwall with
plastic firebrick.

8038 INTERPACE
Glendale
Miscellaneous repairs.

JANUARY 1974

8039 KERR GLASS
Santa Ana
Tank Rebuild

8040 NORRIS INDUSTRIES
Maywood
Necessary repairs to #1 Hard Furnace

8041 CARLTON FORGE WORKS
Paramount
Design & Construct Double Box Forge Furnace

8042 UNION OIL CO
Wilmington
Repairs to Petro Chem Heater

8043 STEEL CASTING CO
Los Angeles
Necessary repairs to #1 Circulating Furnace

"A" Repair roof of #1 Circulating Furnace

8044 PACIFIC VALVE
Carson Yard
Install AA22 in two slide valve discs.

8045 STEWART CONSTRUCTION CO
Corona
Design & Construct Holding Furnace

8046 GENERAL WELDING
Alhambra
Rebrick gas fired furnace

8047 KERR GLASS
Santa Ana
Fabricate and line stack flue intercept duct.

8048 BETHLEHEM SHIPYARDS
"SS LURLINE"
Terminal Island
Necessary repairs to port & starboard boilers.

JANUARY 1974

8049	ARCATA GRAPHICS PACIFIC PRESS DIVISION Vernon Necessary repairs to afterburner of #4 Press
8050	GOLDEN BEAR DIVISION WITCO CHEMICAL COMPANY Oildale, California Hot Oil Heater
8051	U S ELECTRIC MOTORS Los Angeles Repair Thorpe Furnace
8052	GREAT LAKES CARBON Wilmington Necessary repairs to #3 kiln
8053	EARLE M JORGENSEN Seattle Combustion system conversion to dual fuel on Furnace #6
8054	VALLEY BRASS El Monte Install lining in furnace
8055	TEXACO, INC Wilmington Renew hex steel & refractory lining C10 reactor charge line.
8056	U S BORAX Boron Minor repairs to #7 Furnace, Plant 5
8057	U S BORAX Boron Fabricate one spare forehearth for Line 6 & 7 Furnaces, Plant 5

JANUARY 1974

8058	HOBBS-BANNERMAN DOUGLAS OIL Paramount Refractory lining hot receiver PR-4862
8059	STANDARD OIL CO El Segundo Repairs to FIA, 1B & 1C
8060	STANDARD OIL CO El Segundo Repairs to F101 heater
8061	N L INDUSTRIES Los Angeles Necessary repairs to reverb furnace
8062	TEXACO Wilmington Necessary repairs to reactor lining
-1	C8 regenerator charge line
-2	B1 air preheater
-3	Lean oil tower
-4	Labor & material metal parts to expansion joints on C10 line
-5	Metal repairs to C10 line, labor only
8063	TOSCO PETRO Bakersfield Repair brick work on inside of Boiler #2
8064	TODD SHIPYARDS San Pedro "SS J.H. TUTTLE" Necessary repairs to port & starboard boilers
8065	STANDARD OIL El Segundo Necessary repairs to #38 boiler

JANUARY 1974

- 8066 TEXACO, INC
 Wilmington
 Repairs to #1 heater at #3 crude
- 8067 REYNOLDS METALS
 Torrance
 Modify burners on existing fume incinerator
- 8068 SHELL CHEMICAL
 Dominguez
 Necessary repairs to the stripper
- 8069 CONTINENTAL CAN COMPANY
 Terminal Island
 Repair of Incinerator on Oven Line C-2
- 8070 RALPH M PARSONS
 ALLIED CHEMICAL
 Anacortes, Washington
 Acid brick & refractory linings #3 Sulfuric
 Acid Plant
- 8071 ALCOA
 Vernon
 Repair #2 Furnace

FEBRUARY 1974

- 8072 PROCTER & GAMBLE MFG CO
 Long Beach
 Repairs to #1 & #3 boilers
- 8073 GREAT LAKES CARBON
 Wilmington
 Scaffolding for experimental test
- 8074 MGF
 Los Angeles
 Necessary repairs to acid tank

FEBRUARY 1974

8075	RALPH M PARSONS TEXACO Long Beach Repairs to sour water stripper #16-1101
8076	LEVER BROTHERS Los Angeles Repairs to #2 boiler
8077	PROCTER & GAMBLE MFG CO Long Beach Necessary repairs to reformer
8078	TODD SHIPYARDS "SS BURMA AMBER" San Pedro Repairs to starboard & port boilers
8079	PROCTER & GAMBLE MFG CO Long Beach Repair Peabody furnace
8080	AEROJET MFG CO Fullerton Gas torch ring preheater
8081	UNION OIL CO Wilmington Repairs to B2 Heater
8082	SHELL OIL CO Wilmington Refractory repairs to Heaters 13, 14, 15 & 16
"A"	CO Boiler
"B"	Regenerator
8083	GULF OIL CO Long Beach Necessary repairs to boiler

FEBRUARY 1974

8084 BETHLEHEM SHIPYARDS
TERMINAL ISLAND
"USS NAVASOTO"
Repairs to #1 Boiler

8085 STAUFFER CHEMICAL
Dominguez
Repairs to one manhole & fireboxes at
Plant #1

8086 U S BORAX
Boron
Design and fabricate single plug type forehearth
for furnaces 3AB and 4 AB.

8087 STANDARD OIL
El Segundo
Repairs to Unit #1 Sulfur Acid Plant

8088 PACIFIC SMELTING
Torrance
Repairs to #3 Retort

8089 TEXACO INC
Wilmington
Repairs to the regenerator cyclone
"A" Repairs to regenerator walls
"B" Install AA22 in two slide valves

8090 STANDARD OIL
El Segundo
Repairs to #39 boiler

8091 TEXACO
Wilmington
Repairs to boiler #1
"A" Repairs to Boiler #3

8092 U S BORAX
Boron
Minor repairs Plant 5, #2 Furnace

FEBRUARY 1974

- 8093 SHELL OIL CO
Dominguez
Repairs to #5 Boiler
- 8094 U S BORAX
Boron
Repairs to #2 Furnace, Old RA Plant
- 8095 PHILADELPHIA QUARTZ
South Gate
Nec. Repairs to the silica furnace.
- 8096 MARTIN MARIETTA CARBON
Carson
Nec. repairs to kiln.
- 8097 U S ELECTRICAL MOTORS
Los Angeles
Repairs to the recirculating annealing furnace.
- 8098 STANDARD OIL CO
El Segundo
Repairs to Alkylation Plant
- 8099 INSPIRATION COPPER
Inspiration, Arizona
Supply one unit combination oil-gas converter
airburner.
- 8100 U S BORAX
Boron
Fabricate single plug type forehearth for
Furnace 5 AB
- 8101 SHELL OIL
Dominguez
Install AA22 lining in reactor riser
- 8102 ALLIS-CHALMERS
Oxnard
Supply combustion system for cupola
afterburner.

FEBRUARY 1974

8103	OCEAN LABS Port Hueneme Repairs to the kiln dryer
8104	MARTIN MARIETTA Torrance Labor & material for #8 Aluminum reverb'
8105	TOSCO PETRO Bakersfield Repairs to selas reformer heater
8106	JORGENSEN STEEL Los Angeles Repairs to #6 furnace
8107	U S BORAX Boron Repairs to #1 air heater, Plant 3
8108	CONTINENTAL CAN CO Van Nuys Modify burner systems of pin ovens
8109	APEX SMELTING Long Beach Clean out L2 furnace
8110	COLLIER CARBON & CHEM Brea Repairs to decomposer
8111	VISTA METALS Fontana Repairs to melting furnace
8112	TEXACO, INC Wilmington Labor & material CO boiler repairs
"A"	Repairs of plenum of CO boiler

FEBRUARY 1974

8113	PACIFIC CLAY PRODUCTS Santa Fe Springs Repairs to tunnel kiln
8114	U S BORAX Boron Minor repairs to #1AB furnace, Plant 5
8115	DOCKSIDE MACHINE & SHIP REPAIR Wilmington-Terminal Island USNS YUKON Repairs to starboard boiler
8116	STANDARD OIL CO El Segundo Nec. repairs to F2 heater in Asphalt Plant
8117	HUDSON WATERWAYS San Pedro "USS EMA ELIZABETH" Repairs to starboard boiler
8118	TOSCO PETRO Bakersfield Repair B reformer heaters #22H-11, 12, 13, 14 & 15
8119	JORGENSEN STEEL Los Angeles Repair lintel of carbottom furnace
8120	SHELL CHEMICAL Dominguez Repairs to bumb bases P274, 275, P2102
8121	MARTIN MARIETTA ALUMINUM Torrance Repairs to #10 furnace
8122	STANDARD OIL CO El Segundo Repairs to jet hydrofiner F110E & F130 furnaces

MARCH 1974

8123	DELCO-REMY Anaheim Repairs to sill of reverb
8124	COMMERCIAL ENAMELING Los Angeles Replace two floor tiles in enameling furnace
8125	APEX SMELTING Long Beach Nec. repairs to #1 Zink furnace
8126	JORGENSEN STEEL Los Angeles Repairs to #3 furnace
8127	REDMAN EQUIPMENT & MFG CO Torrance Repairs to heat treat furnace
8128	MOBIL OIL Torrance Repairs to #2 sulfur recovery unit
8129	HARBOR BOAT BUILDING CO "SS PLEDGE" Terminal Island Repairs to #1 boiler
8130	JELCO Canoga Park Supply, design & material to install refractory lining in fired sodium heater
8131	NL INDUSTRIES Los Angeles Refractory repairs to north lead blast furnace flue.
8132	H KRAMER & CO El Segundo Repairs to #3 Reverb

MARCH 1974

- 8133 WESTERN PETRO-CHEM SERVICE INC
SHELL OIL CO
Dominguez
Furnish labor and equipment to build scaffold
at reactor at Shell Oil Cat Cracker Shutdown
- 8134 MATSON LINE S
"SS MATSONIA"
Terminal Island
Repairs to starboard boiler
- 8135 AEROJET MFG CO
Fullerton
Construct cylindrical heat treating furnace
labor and material
- 8136 NATIONAL TANK & MFG CO
GULF OIL CO
Los Angeles
Refractory lining COS/CS2 Converter
- 8137 UNION OIL CO
Wilmington
Repairs to B201, 202, 203 heaters at unit 90
- 8138 CONTINENTAL CAN CO
PITTSBURG, CA
Addition of turbulators to heat exchanger.
- 8139 VULCAN MATERIALS CO
Corona
Installation of refractories in new OH2 furnace
- 8140 C S McANLEY
Signal Hill
Heater repair
- 8141 U S BORAX
Boron
Repairs to #3 furnace, Plant 5

MARCH 1974

8142	MOBIL OIL CORPORATION Torrance Repairs to Unit #3
8143	F.M.C. Carson Yard Reline Ducts
8144	ARIZONA PORTLAND CEMENT Rillito, Arizona Major repairs to #4 kiln hood and #4 kiln cooler
8145	MOBIL OIL CORPORATION Torrance Supply labor and materials for #1 sulfur recovery unit.
8146	STANDARD OIL CO El Segundo Necessary repairs to the F501B heater, Delayed Coker Plant
8147	BETHLEHEM SHIPYARDS Terminal Island Repairs to stationary boiler in compressor room
8148	CITY OF LOS ANGELES DEPT. OF AIRPORTS LA Airport Repairs to three boilers
8149	POWERINE OIL CO Santa Fe Springs Repairs to "A" Petro-Chem furnace
8150	CAPITAL METALS CO INC Livermore, California Design & construct 10 TPH walking beam furnace

MARCH 1974

- 8151 U S BORAX
Boron
Minor repairs to #5AB furnace, Plant 5.
- 8152 STAUFFER CHEMICAL
Westend
Necessary repairs to #5 calciner.
- 8153 ALLIED CHEMICAL
El Segundo
Repair sulfur condenser
- 8154 MONSANTO CO
Long Beach
Repairs to #1 acid burner & sidewalls
- 8155 STANDARD OILCO
El Segundo
Repairs to F301B furnace and #2 crude unit
"A" Repair F101 A&B and F102 A&B.
"B" Repair F101B fireproofing.
"C" Repair E106A, E103B, E109, E110 & F101A.
- 8156 PACIFIC SMELTING
Torrance
Repairs to catenary arch of retort.
- 8157 MARTIN MARIETTA CARBON
Carson
Dryout ceramic tube
- 8158 AMERON
San Pedro
Remove and replace brick from floor.
- 8159 MARTIN MARIETTA ALUMINUM
Torrance
Necessary repairs to 6CHX furnace.

MARCH 1974

8160	UNION OIL CO Wilmington Fireproof tank 300
8161	GREAT LAKES CARBON Wilmington Necessary repairs to #3 kiln
8162	CARLTON FORGE WORKS Paramount Labor, material and engineering to install new roof in 10 x 16 Forge Furnace.
8163	JENKINS CONSTRUCTION CO STANDARD OIL El Segundo Fireproof structural members at Area 4
8164	MARTIN MARIETTA ALUMINUM Torrance Repair #9 Furnace
8165	BETHLEHEM SHIPYARDS Terminal Island "SS Gulf Knight" Repairs to port superheater Repairs to starboard superheater.
"A"	
8166	ALCAN Riverside Repairs to #66 furnace. Repair arch #8 furnace.
"A"	
8167	CHAMPLIN OIL COMPANY Wilmington Repair heater #H200.
8168	PROCTOR & GAMBLE Long Beach Repairs to #3 boiler

MARCH 1974

- 8169 COLLIER CARBON & CHEMICAL
Brea
Repairs to Erie City B-601 Boiler

- 8170 BETHLEHEM SHIPYARDS
San Pedro
"SS HILDA"
Repairs to starboard boiler

- 8171 NL INDUSTRIES
Vernon
Repair lead crucible

- 8172 BETHLEHEM SHIPYARDS
Terminal Island
"SS LURLINE"
Repairs to starboard boiler

- 8173 PHELPS DODGE
Los Angeles
Repairs to rotary furnace

- 8174 U S BORAX
Wilmington
Repairs to salt cake furnace

- 8175 STANDARD OIL CO
El Segundo
Repairs to 501-C furnace.

- 8176 MARTIN MARIETTA CARBON
Carson
Install ceramic tube in stack transition

APRIL 1974

- 8177 GREAT LAKES CARBON
Wilmington
Repair #2 Kiln
- 8178 PACIFIC FELLOWS
Carson (tt yard)
Install anchors in expansion joint
- 8179 UNION OIL
Wilmington
Repairs to B101 & B102B heaters
- 8180 GENERAL ELECTRIC
Ontario
Annual refractory repairs to A&M Furn. for '74.
- "A" Annual refractory repairs to tt Diecasting Furn.
"B" Annual refractory repairs to sweat furnace.
- 8181 STANDARD OIL CO
El Segundo
Repairs to boiler 35
- 8182 PACIFIC SMELTING
Torrance
Repairs to #2 muffle furnace
- 8183 ATLANTIC RICHFIELD
Long Beach
SS Atlantic Enterprise
Repairs to starboard boiler
- 8184 INTERNATIONAL ALUMINUM
CAL TUF DIVISION
Alhambra
Design and supply 16' furnace extension.
- 8185 MARTIN MARIETTA CARBON
Carson
Repairs to Kiln

8186	JORGENSEN STEEL LA Repairs to #2 Furnace
8187	SHELL CHEMICAL CO. Dominguez Repairs to petro chem heater
8188	NORRIS INDUSTRIES Vernon-Carson Yard Furnish insulating firebrick & drill hole
8189	H KRAMER & CO CHAPMAN METALS Chino Repairs to Rotary furnace
8190	HARBISON WALKER REFRACTORIES HECLA MINING CO Casa Grande, Ariz. Install refractories in (2) fluid bed roasters Remove&Replace ALE53 in 1 roaster, furnish "A" asbestos millboard behind skews.
8191	DEEPWATER CHEMICAL CO. Carson Line (4) Iodine Kettles "A" Supply extra material
8192	STAUFFER CHEMICAL Dominguez Nec. repairs to caustic pot #5
8193	US BORAX Boron Major repairs to #4 furnace, plant 5
8194	MARTIN MARIETTA ALUMINUM Torrance Steel for modification of #2 melting furnace "A" Supply labor for installation of refractories "B" Supply additional material

APRIL 1974

8195 RALPH M PARSON
CITIES SERVICE OIL CO
Lake Charles, La.
Design & supply thermal oxidizer w/stack
"A" Add Electric Motor to Stack Cap cancelled
"B" Drive Motor for Weather Cap
8196 MARTIN MARIETTA CARBON
Carson
Nec repairs to Rotary Kiln

8197 DOCKSIDE MACHINE & SHIP REPAIR
SS Coastal Texas
San Pedro
Repairs to starboard boiler

8198 COLLIER CARBON & CHEMICAL
Santa Maria
Labor & material to repair scrubber

8199 SHELL OIL
Dominguez
Nec repairs to #8 boiler

8200 AMETEK ALUMINUM
LA
Refractory lining for 40,000# melting furn.
"A" Repair to Holding Furnace

8201 STANDARD OIL CO
El Segundo
Repairs to F20 heater

8202 L W LEFORT CO
NORRIS INDUSTRIES
City of Industry
To reline (2) pickling tanks

8203 CHROMIZING CO
Gardena
Repairs to #13 furnace
"A" Repair #15 furnace

8204 GULF OIL CO
Santa Fe Springs
Repair #2 package boiler

APRIL

8205	STEARNS-ROGER CORP PHELPS DODGE (cutting brick only, carson Ajo, Arizona yard) Acid brick doubles lining for (2) humidifying towers
8206	STANDARD OIL CO El Segundo Repairs to #33 boiler
8207	GREAT LAKES CARBON Wilmington Repairs to #4 stack
8208	ROHR INDUSTRIES Riverside Repairs to carbon brick lined tank
8209	PATHWAY BELLOWS Carson Yard Install refractory linings in expansion joint
8210	VULCAN MATERIALS CO Corona Refractory materials for #1 furnace "A" Installation of refractory materials "B" For (1) steel shell & installation
8211	SOUTHERN CALIF ^o EDISON CO Highgrove Plant Nec repairs to #4 boiler
8212	TOSCO PETRO CO Bakersfield Repairs to TCC Unit Turnaround
8213	UNION OIL CO Wilmington Repairs to CO boiler
8214	JORGENSEN STEEL LA Repairs to 65 ft carbottom furnace

APRIL

8215	STANDARD OIL CO El Segundo Repair GFU Unit V12
"A"	Repair " " F1 furnace
8216	L W LEFORT CO Lockheed Burbank Tear out lining in acid pickling tank
"A"	Install lining in new pickling tank
"B"	Tearout & reline new pickling tank
8217	STANDARD OIL El Segundo Repairs to sulfur acid plant #2
8218	AMERICAN CAN CO LA Repairs to #3 fume burner
8219	GLASS CONTAINERS LA Repairs to Tank #2 in Shop #21
8220	ALCOA Vernon Repair #2 furnace
"A"	Replace hearth, sub-hearth and ramp
8221	ALCOA Vernon Repairs to trough heater
8222	ARMCO STEEL/Machinery & Equip Divn Torrance Design and construct 8' ID x 5' high hood type gas fired heat treating furnace
8223	COLLIER CARBON & CHEMICAL Wilmington Acid proof floor plates of tank

APRIL

- 8224 U S BPRAX & CHEMICAL
Boron
Repairs to No 1 furnace, RA Plant
- 8225 STANDARD OIL CO
El Segundo
Fireproofing line 4B, 5B & 6B columns
- 8226 CARLTON FORGE
Paramount
Repair Furnace C-203
"A" Modifications to Furnace C 203 doors
- 8227 GENERAL ELECTRIC-Ontario
Furnish High Alumina Refractory for A & M
Furnace, Thorpe Die Cast Furnace & Sweat
Furnace.
- 8228 U S STEEL CORP
Torrance
Furnish combustion & flame safety equip.
for ladle heater lids
- 8229 TEXACO INC
Long Beach
Repairs to #700 incinerator
- 8230 VISTA METALS
Fontana
Furnish all refractory material for repair
to reverb furnace
- 8231 CALIF SHIPBUILDING & REPAIR
USS Ashtabula
Long Beach
Repair #3 boiler
- 8232 STAUFFER CHEMICAL CO
Dominguez
Refractory repairs to #3 caustic pot

APRIL

8233	U S BORAX & CHEMICAL Boron Repairs to ABA furnace, plant 26 "A" Repairs to doghouse
8234	MONSANTO CHEMICAL Long Beach Repair #2 unit
8235	STEEL CASTING LA Repair #2 Furnace
8236	UNION OIL CO Wilmington Repairs to Catcracker Turnaround
8237	CHAMPLIN PETROLEUM OIL Wilmington Repair unit of sulfur recovery boiler
8238	H KRAMER El Segundo Repairs to rotary furnace
8239	APEX SMELTING Long Beach Repairs to B1 furnace "A" Repair No. 1 furnace
8240	DAYTON FOUNDRY South Gate To ram induction casing
8241	RUSSELL, BURDSALL & WARD INC LA Acid brick repairs
8242	PRECISION Montebello Line (2) Ipsen Draw Furnaces
8243	US BORAX & CHEMICAL Boron Repair No. 5 boiler

APRIL 1974

- 8244 CMI
SS Pres. Arthur
Long Beach
Repairs to port boiler
- 8245 INTERPACE
Glendale
Install refractory lining in research
shuttle kiln

MAY 1974

- 8246 STANDARD OIL CO
El Segundo
Repairs to #36 boiler
- 8247 TODD SHIPYARDS
Long Beach
SS "Clementina"
Repairs to port boiler
- 8248 US BORAX & CHEMICAL
Boron
Repairs to 10MOL Wyssmont Dryer Firebox
- 8249 CALIFORNIA PORTLAND CEMENT
Colton
Repair cooler & hood, #1 kiln
- 8250 STANDARD OIL CO
El Segundo
Repairs to #20 heater
- 8251 BETHLEHEM STEEL CO
LA
Supply design and matls to modify 10"
billet heating furnace
"A" Install refractory
- 8252 HECLA MINING CO
Casa Grande, Ariz
Acid brick linings Chemico acid plant
"A" Extra Work 5/75

*cancelled
2/75*

MAY 1974

8253 STANDARD OIL CO
El Segundo
Repairs to F2 furnace

8254 BETHLEHEM SHIPYARDS
SS "Wyoming" - Terminal Island
Replace insulation in door

8255 US BORAX & CHEMICAL
Boron
Design fabricate & refractory lining
New discharge section on flue gas discharge
section on #7AB furnace

8256 SHELL OIL CO
Dominguez
Repair #16 heater

8257 SHELL CHEMICAL
Dominguez
Repairs to stripper

8258 STANDARD OIL CO
El Segundo
Repairs to #1 crude units F1 & F2
"A" Fireproof C-8 vessel
"B" F1 Atmospheric Furnace

8259 GREAT LAKES CARBON
Wilmington
Repairs to #1 cooler chute

~~8260 VISTA METALS~~ *cancelled 5/75*
~~Fontana~~
~~Design & construct new 60,000# reverb furnace~~

8261 ~~NORRIS INDUSTRIES~~ *cancelled 12/74*
~~Maywood~~
~~Rec repairs to No 1 hard furnace~~

8262 UNITED FABRICATORS
Santa Fe Springs
Foster Wheeler stack linings

8263	JORGENSEN STEEL LA Repairs to aluminum furnace
8264	PACIFIC SMELTING Torrance Repairs to No. 4 Dross furnace
8265	MARTIN MARIETTA ALUMINUM Torrance Repairs to #10 furnace reverb
8266	CARLTON FORGE Paramount Repairs to forge furnace
8267	SOULE STEEL CO Long Beach Furnish (5) special ladle heater burner tile
8268	ATLANTIC RICHFIELD Carson Nec repairs to No. 1 coker furnace construction section
8269	US BORAX & CHEMICAL Boron Minor repairs to No. 2 furnace, Plant 5
8270	STANDARD OIL CO SS Chevron Hawaii - San Pedro Repairs to port & starboard boiler
8271	DELCO REMY Anaheim Repair lead reverb furnace
8272	MGRS SS Catalina Repairs to boilers No. 1, 2, 3 & 4
8273	M W KELLOGG Paramount Repairs to Stress Relieving Furnace

MAY 1974

8274	SHELL OIL CO Dominguez Repairs to the Flare
8275	KAISER GYPSUM Long Beach Repairs to No. 2 Kettle
8276	ATLANTIC RICHFIELD Carson Repairs to the Rayco Furnace West Unit
8277	APEX SMELTING Long Beach Repair L6 Sweat Furnace
8278	STANDARD OIL CO El Segundo Repairs to Isomax Plant
"A"	Dryout
8279	APEX SMELTING Long Beach Repair L2 & L5 Furnaces
8280	CYPRUSS CO (formerly Torrance Tubing) Torrance Make 20 Brick Plugs
8281	H KRAMER El Segundo Repairs to No. 1 Reverb
8282	U S BORAX & CHEMICAL Boron Major Repairs to #1AB Furnace Plants
8283	FILTROL LA Nec Repairs to #2 Calciner
8284	STANDARD OIL CO El Segundo Repairs to Sulfur Acid Plant

MAY 1974

8285 MARTIN MARIETTA ALUM
Torrance
Repairs to #11 Furnace

JUNE 1974

8286 TOSCO PETRO CORP
Bakersfield
Repairs to #8 Boiler

8287 TOSCO PETRO CORP
Bakersfield
Repairs to HA-11 Crude Heater
"A" Repairs to 12H12 Crude Heater

8288 SHELL OIL CO
Carson
Scaffolding of Coker

8289 BETHLEHEM SHIPYARDS
SS EXXON NEWARK
Terminal Island
Repairs to Port & Starboard Boiler

8290 SHELL OIL CO
Watson
Repairs to Heaters #31 & #32

8291 J M COVINGTON CORP
STANDARD OIL
El Segundo
Install Refractories in Born Heater
"A" Pack Kaowool around Openings

8292 SHELL OIL CO
Watson
Scaffolding for Flasher Columns

8293 VISTA METALS
Fontana
Repair Tapout Block Opening #2 Furnace

JUNE

8294 STANDARD OIL CO
El Segundo
Repairs to Catcracker
"A" Repair Regenerator Plenum
"B" Repair Regenerator Flange Gas Line
"C" Regenerator Cyclones
"D" U Bends
"E" Third Stage
"F" Reactor
"H" Repair Air Heater
"J" Penntrowel & Fireproofing
"K" Regenerator Cone

8295 STANDARD OIL
El Segundo
Repair Boiler #39

8296 CARLTON FORGE
Paramount
Nec Repairs to Portable Forge Furnace
"A" Repair Roof of Forge Furnace

8297 U S BORAX & CHEMICAL
Boron
Repair #3 Boiler

8298 MARTIN MARIETTA ALUM
Torrance
Gunitite #1 Furnace

8299 U S BORAX & CHEMICAL
Boron
No. 3 Furnace Plants

8300 HECLA MINING CO
Casa Grande, Ariz.
Refractory Linings for Rotary Kiln Afterburner
& Indurating Machine
"A" Extra work to grind & Cut brick at retaining bars
& Boxes in Rotary.

8301 UNION OIL CO
Wilmington
Repairs to #3 Boiler

JUNE

8302 STARKIST TUNA
Terminal Island
Repairs to large and small Druers

8303 MARTIN METALS
LA
Repairs to Multiple Chamber Incinerator

8304 TEXACO INC
Long Beach
Repairs to H601B Boiler & H602 Donkey Boiler

8305 VISTA METALS
Fontana
Repairs to Sweat Furnace
"A" Repair Holding Furnace

8306 SHELL OIL
Dominguez
Repairs to #9 Furnace

8307 HALL HEAT TREATING
Paramount
Furnish Labor & Material to remove & install
Existing Lining
"A" Repair six burners, clean and install air tubes.
Reinstall additional special ignition wire
"B" Furnish New Door & Lining

8308 GULF OIL CO
Santa Fe Springs
Repairs to the Vista Breaker Heater

8309 MARTIN MARIETTA ALUMINUM
Torrance
Repairs to #9 Furnace

8310 CAL-TEX PETROLEUM CORP
AUSTRALIAN OIL REFINING CO
Kurnell, Australia
Repair Lining on C301 Reactor

8311	INTERPACE Glendale Repairs to #13 Kiln
8312	MARTIN MARIETTA ALUM Torrance Repairs to Normalizing Furnace
8313	ALCAN ALUMINUM Riverside Repairs to #65 Furnace
8314	UNION OIL Wilmington Repairs to 114 Asphalt Heater
8315	ALCAN ALUMINUM Riverside Repairs to #7 Furnace
8316	VISTA METALS Fontana Drain out Block Repair - #1 Furnace
"A"	Replace Tapout Block
8317	STANDARD OIL El Segundo Fireproof Vessel Skirt
8318	GRANING ENAMELING CO El Monte Repairs to #1 Enameling Furnace
8319	ARCO Carson Repairs to #2 Coker
8320	NORRIS INDUSTRIES Maywood Repairs to #1 Hard Furnace
8321	N.A.V. REC. PRO USS WYANDOT Port Hueneme Repairs to Port Boiler

JUNE 1974

8322 CARLTON FORGE
Paramount
Reline Exit Door on Carbottom Furnace

8323 SHELL OIL CO
Dominguez
Repairs to Heater 24

8324 BETHLEHEM STEEL CORP
Vernon
Repair Leak in Acid Pickling Tank

8325 PACIFIC SMELTING
Torrance
Repairs to #3 Melter

8326 DiCARLO BAKERY
San Pedro
Repairs to Small Boiler

8327 MONSANTO CHEMICAL
Long Beach
Repairs to #1 Burner

8328 MARTIN MARIETTA ALUM
Torrance
Gunitite #5 Furnace

J6
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8329 AEROJET MFG CO
Fullerton
Supply Gas Burner Ring with Support Arm

8330 RALPH M PARSONS
ARCO
HOUSTON, TEXAS
Design & Supply Thermal Oxidizer

8331 INTERPACE
Glendale
Instrumentation of Test Kiln

8332 APEX SMELTING
Long Beach
Repairs to #1 Furnace

JUNE 1974

- 8333 STEARNS-ROGER
PHELPS DODGE
Morenci, Ariz.
Spare Parts
- 8334 SOUTHERN CALIF. EDISON
Palmdale
Repair Erie City Boiler

JULY 1974

- 8335 TOSCO PETRO
Bakersfield
Repair Boiler #7
- 8336 FMC
Vernon
Reline Cupola Furnace
- 8337 JOHNS-MANVILLE PRODUCTS CORP
Long Beach
Repair Boiler #2
- 8338 SHELL OIL CO
Dominguez
Repairs to #7 Boiler
"A" Repairs to #1 Boiler
- 8339 ACE FOUNDRY
Huntington Park
Repairs to Quench Tower
- 8340 PHELPS-DODGE COPPER PRODUCTS
LA
Replace Hearth Rotary Furnace
"A" Repair Sloping Hearth
"B" Repair 6-80 Furnace
"C" Repair 6-81 Furnace
"D" Repair 6-82 Furnace
- 8341 PACIFIC SINTERED METALS CO
Gardena
Labor & Material to Insulate 2 Sintering Furnaces

JULY 1974

8342 CONTINENTAL CAN CO
Paterson, New Jersey
Conversion of Incinerators to Catalytic Oper.

8343 RALPH M PARSONS
STANDARD OIL CO OF OHIO
Toledo, Ohio
Design & Supply Thermal Oxidizer

8344 MOBIL OIL
Torrance
Repair Catcracker

8345 SWIFT EATABLE CO
Vernon
Repair #4 Boiler

8346 POWERINE OIL CO
Santa Fe Springs
Repairs to Born Heaters at Crude B Unit

8347 STEEL CASTING CO
LA
Repair Door Jamb on #1 Recire. Furnace

8348 N L INDUSTRIES
LA
Repairs to JIH Furnace

8349 ALCAN ALUMINUM
Riverside
Repair #8 Furnace

8350 UNION OIL CO
Wilmington
Repairs to B-1 & B-2 Heaters at Unit #67

8351 JORGENSEN STEEL
LA
Repairs to #5 Furnace

8352 STANDARD OIL CO
El Segundo
Repair K 400 Pump Base

JULY 1974

8353 MARTIN MARIETTA ALUM
Torrance
Repairs to #3 Furnace

8354 NORTH AMERICAN ROCKWELL

El Segundo
Repair Etching Furnace

8355 TEXACO INC
Long Beach
Repair So. Rental Boiler
"A" Repair H751 Boiler

8356 BETHLEHEM SHIPYARDS
USS Mobile
Terminal Island
Repairs to Alpha and Bravo Boilers

8357 DOCKSIDE MACHINE & SHIP REPAIR
SS Permina Famobra
San Pedro
Repairs to Port & Starboard Boilers

8358 MOBIL OIL COMPANY
Torrance
Repairs to Incinerator Stack

8359 UNION OIL CO
Wilmington
Repapr #1 Unit Sulfur Acid Plant

8360 W R GRACE CO
South Gate
Repairs to #1,2, 3 Dryers

8361 STAUFFER CHEMICAL CO
Dominguez
Repair Caustic Pot

8362 DOCKSIDE MACHINE & SH IP REPAIR

SS Sumico
San Pedro
Repair Port Boiler

JULY 1974

8363

RALPH M PARSONS
ARCO
Carson
Design & Construct Thermal Oxidizer

8364

MARTIN MARIETTA ALUMINUM
Torrance
Repairs to #4 Holding Furnace

8365

MARTIN MARIETTA ALUM
Torrance
Gunite Door Jambs on #1, 5, 9 & 10 Furnaces

8366

SMITH TOOL CO
Compton
Repairs to Walking Beam Burnace

8367

CALIF. PORTLAND CEMENT
Mojave, Calif.
Repairs to #3 Kiln Hood

8368

PHELPS DODGE COPPER CORP
Morenci, Ariz'
Labor only to Repair #3 Reverb
Repairs to Walls

"A"

8369

STANDARD OIL
El Segundo
Necessary repairs to Hydrofiner Furnace

8370

MARTIN MARIETTA ALUM
Torrance
Nec Repairs to #4 Normalizer Furnace

8371

FELLOWS & STEWART
USS Point Loma
Terminal Island
Nec Repairs to Alpha and Bravo Boilers

8372

UNION OIL COMPANY
Wilmington
Repair #2 Unit Sulfur Plant

JULY 1974

8373	GREAT LAKES CARBON CORP Wilmington Repair #4 Kiln
8374	APEX SMELTING CO Long Beach Repair L2 Furnace
8375	BETHLEHEM SHIPYARDS Long Beach SS Ogden Sacramento Repairs to Port Boiler Rear Economizer "A" Repairs to Port Boiler Front Economizer
8376	APEX SMELTING CO Long Beach Repair L3 Furnace "A" Repair L5 Furnace
8377	MARTIN MARIETTA CARBON Carson Repair Kiln
8378	TOSCO PETRO Bakersfield Repairs to #1 Boiler
8379	ROHR INDUSTRIES Riverside Nec. repairs to Acid Tank "A" Supply new Line for Pickling Tank
8380	SOUTHERN CALIF EDISON CO Dominguez Hills Repair 2 Burn Heaters
8381	STANDARD OIL CO El Segundo Repairs to Heaters 410, 420, 430, 440 Plant #4 at Cat. Reformer
8382	CELOTEX LA Repair #2 Still, Replace Firing Tunnel

JULY 1974

8383 INTERPACE
LA
Misc. Repairs

8384 CALIF OIL PURIFICATION CO (COPO)
Ventura
Repairs to Selas Furnace

8385 STAUFFER CHEMICAL CO
Dominguez
Install Acid Brick on 2 Pump Bases

8386 STAUFFER CHEMICAL
Henderson, Nev.
Labor to Line One Vacuum Stripper

8387 RUSSELL BURDSALL & WARD BOLT & NUT CO
LA
Furnish and install Acid Brick Lined Pickling Tank
"A" Install Acid Proof Lining in Pit

8388 STANDARD OIL CO
El Segundo
Repairs to F103 Heater

8389 ARTHUR G MCKEE & CO
EXXON COMPANY USA
Bayway Refinery - Linden N.J.
Design and Supply Combustor

8390 ARTHUR G MCKEE & CO
EXXON COMPANY USA
Baton Rouge Refinery
Design and supply Combustor

AUGUST 1974

8391	HALL HEAT TREATING CO Paramount Repairs to Circulating Fan Inlet Combustion Section #20 Furnace
8392	STAUFFER CHEMICAL CO Dominguez Line Neutralization Tank
8393	EHRHART INC RALPH M PARSONS CO STANDARD OIL CO El Segundo Labor & Materials for LSF Project Extra Labor & Material 3/75
"A"	
8394	CELOTEX LA Nec Repairs to #4 Kettle
8395	SUPERIOR INDUSTRIES Van Nuys Repair Warwick Furnace
8396	BROCK GLASS Santa Ana Install New Lining in Direct Fired Glass Tank'
8395	H KRAMER El Segundo Repairs to #3 Reverb
8398	CHAPMAN METALS DIV. of H KRAMER Chino Reline Rotary Furnace
8399	AMETEK ALUMINUM EXTRUSION LA Furnish & Install New Combustion Control Panel for Aluminum Holding Furnace. Move Existing Combustion Control Panel of Aluminum Melting Fur.
"A"	Furnish Additional Material
8400	JORGENSEN STEEL LA Gunitite Furnaces 1 thru 6

AUGUST 1974

8401	ERIE CITY BOILER MC PATTEN CO TEXACO Wilmington Repair Erie City Boiler
"A"	Additional repairs to Erie City Boiler
8402	STANDARD OIL CO El Segundo Fabricate Burner Plenums for Platformer Unit
8403	JOHNS-MANVILLE PRODUCTS Lompoc Supply Dual Fuel Immersion System
8404	MONSANTO CHEMICAL Long Beach Repair #3 Burner
"A"	Repair Absorber Tower
8405	CARLTON FORGE Paramount Repair Jambs to Forge Furnace
8406	NORRIS INDUSTRIES Maywood Repairs to #1 Hard Furnace
8407	JORGENSEN STEEL LA Repairs to #7 Hammer Furnace
8408	US BORAX & CHEMICAL Boron Repairs to 2AB Furnace
8409	ARROW PLATING CO LA Acid Brick Lining Chrome Plating Tank
8410	GULF OIL Santa Fe Springs Nec Repairs to CO Boiler

AUGUST 1974

- 8411 SARGENT INDUSTRIES
Huntington Park
Repair Chromic Acid Tank
- 8412 GREAT LAKES CARBON
Wilmington
Repair #3 Kiln
- 8413 JORGENSEN STEEL
LA
Repairs to #8 Hammer Furnace
- 8414 ANACONDA AMERICAN BRASS
Paramount
Tear out 2 lower cases of cast shop furn & ram
- 8415 STANDARD OIL CO
El Segundo
Repair F620 #A & #B Located #6 Plant at Isomax
- 8416 CELOTEX
LA
Repair #1 Still
- 8417 STAUFFER CHEMICAL CO
Henderson, Nev
Repair to Waste Gas Incinerator
- 8418 MARTIN MARIETTA ALUM
Torrance
Design and supply a gas fired heating sys on
2 ladle lids
- 8419 PACIFIC SMELTING
TORRANCE
Repairs in Dross Furnace
- 8420 TEXACO
Wilmington
Repair #1 Boiler
- 8421 PHILADELPHIA QUARTZ
South Gate
Repairs to Silica Furnace located in So. Gate

AUGUST 1974

8422 BRAGG CRANE
TEXACO
Wilmington
Install new burners in Texaco Born Up Flow
Heaters

8423 MARQUARDT AIRCRAFT
Van Nuys
Repair Erie City Boiler

8424 INTERPACE
LA
Misc Repairs

8425 CAL SHIPYARDS
USS HOLLISTER
Long Beach Naval Shipyards
Repairs to #3 Boiler
"A" Additional Repairs to #3 Boiler

8426 BETHLEHEM SHIPYARDS
SS Tamamo
Wilmington
Repairs to Port Boiler

8427 US BORAX & CHEMICAL
Boron
Repairs to #3AB Furnace

8428 STANDARD OIL CO
El Segundo
To Acid Brick on Pump Base P511, P510 & A

8429 ALCAN ALUMINUM
Riverside
Repairs to #64 Furnace

8430 HOWE-BAKER ENGINEERS INC
STANDARD OIL
El Segundo
Desalter Vessel Linings - 2 Units.

AUGUST 1974

- 8431 STAUFFER CHEMICAL
Westend
Repair Walls #2 Calcining Furnace
- 8432 TEXACO INC
Long Beach
Repairs to Waste Heater F751 at No. 750 SRU
- 8433 CONTINENTAL CAN CO
Plant No. 16A
Baltimore, Maryland
Engineering for a CCC Standard 14,000 SCFM
Incinerator
- 8434 CONTINENTAL CAN CO
Plant No. 462
Sparrows Point, Md
Installation of 14,000 SCFM Fume Incinerator
- 8435 UNION OIL CO
Wilmington
Nec Repairs to #3 Boiler
- 8436 SOULE STEEL CO
Long Beach
Nec Repairs to Reheat Furnace
- 8437 H KRAMER CO
El Segundo
Repairs to #1 Rotary
- 8438 SHELL CHEMICAL
Dominguez
Repairs to Stripper
- 8439 CONTINENTAL CAN CO
Sparrows Point, Md
Fabrication of a 14,000 scfm Unit for
Installation at CCC Plant 462
- 8440 CONTINENTAL CAN CO
Baltimore, Md
Fabrication of Std 14,000 scfm Fume Incinerator
for Installation at CCC Plant 16A

AUGUST 1974

8441 STANDARD OIL CO
El Segundo
Repairs to F540 A & B Heaters

8442 UNITED FABRICATORS
Santa Fe Springs
Furnish and install lining for Toscopetro
Heater Stack

8443 STANDARD OIL CO
El Segundo
Nec Repairs to Generator

8444 CONTINENTAL CAN CO
Location not applicable
Design of Catalytic Frame for Std Incinerator

8445 APEX SMELTING
Long Beach
Repairs to L3 Furnace

8446 TODD SHIPYARD
San Pedro
Repair No. 1 Stationary Boiler

8447 STANDARD OIL CO
El Segundo
Repair all walls & roof #47 Unit
"A" Fireproofing Stripper & Columns #47 Unit

8448 FERNHOLTZ MACHINERY CO
LA
Line Ball Mill

8449 NORRIS INDUSTRIES
Vernon
Install Insulating Castable in 1 Door

8450 US BORAX & CHEMICAL
Boron
Repairs to #5AB Furnace
"A" Repairs to #2, Plant 4

AUGUST 1974

- 8451 PORT WELDING CO
SS Chevron Lehigh
Wilmington & San Pedro
Repairs to Starboard Boiler
- 8452 STANDARD OIL CO
El Segundo
Fireproofing #48 Unit
"A" Repair F1 Heater at #48 Crude Unit
"B" Repair F2 Heater at #48 Crude Unit
- 8453 ARO INC, MATERIALS DIV.
ARNOLD AIRFORCE STATION
Tennessee
Pebble Heater Inspection
- 8454 MARTIN MARIETTA ALUM
Torrance
Repairs to #9 Furnace
- 8455 CARLTON FORGE
Paramount
Repair and Reline Existing Fibre Frax
7'x15' East Side Door Furnace #FC201
- 8456 CALIF SHIPBUILDING & REPAIRS
Long Beach
US Coastguard "Glacier"
Repairs to Starboard Boiler
- 8457 H KRAMER & CO
El Segundo
Repairs to Flue

SEPTEMBER 1974

- 8458 MARTIN MARIETTA CARBON
Carson
Repair Kiln
- 8459 PASCOE STEEL
Pomona
Line 5 Hot Air Mixers & 6 - 18" Gas Cylinders

SEPTEMBER 1974

8460	STANDARD OIL CO El Segundo Repairs to Selas Furnace F301
8461	NORRIS INDUSTRIES Maywood Repair #2 Hard Furnace
8462	MARTIN MARIETTA ALUM Torrance Labor & Material to modify #4 Melter
"A"	Brickwork
"B"	Additional Material
8463	WESTERN BRASS LA Ram Inductor
8464	MOBIL OIL CO Torrance Nec Repairs to R1 & R2 Reactors
8465	N L INDUSTRIES LA Repairs to #10 Outlet Pot
8466	MOBIL OIL CO Torrance Nec Repairs to CF Braun #20F-2 Heater
8467	STANDARD OIL CO El Segundo Repairs to Stress Relieving Furnace
8468	MARTIN MARIETTA ALUM Torrance Furnish 1 Ajax Furnace Cover for Oxy Fuel Test
"A"	Repair Cover furnished on Main Job
8469	TEXACO INC Wilmington Repairs to HF301-A CF Braun Heater

8470 U S BORAX
Boron
Major Repairs to ABA Furnace Plant 26

8471 PACIFIC SMELTING
Torrance
Nec Repairs to #10 Retort

8472 STANDARD OIL CO
El Segundo
Fireproof V808

8473 UNION OIL CO
Wilmington
Repairs to #2 Boiler

8474 N L INDUSTRIES
LA
Repairs to Lead Pot

8475 DOCKSIDE MACHINE & SHIP REPAIR
San Pedro
SS Mission Ynez
Repairs to Super Door

8476 REDMAN EQUIPMENT
VALLEY NITROGEN
Torrance
Furnish and install Corlok Castable and
Furnish Ceramic Fiber Blanket for Heat
Exchanger Tube Bundle in Nitric Acid Plant

8477 REULAND ELECTRIC
City of Industry
Line 2 JTT Melting Furnaces

8478 MARTIN MARIETTA ALUM
Torrance
Repairs to #10 Reverb Furnace

"A" Repairs to Holding Furnace

8479 CALIF PORTLAND CEMENT
Colton
Repairs to #1 Firing Hood

SEPTEMBER 1974

8480	SHELL OIL CO Watson Repairs to Heater #27
8481	ARIZONA PORTLAND CEMENT Rillito, Ariz Rental of Scaffolding & Installation of 2 Poke Holes in Preheater Second Stage Cyclone
8482	STANDARD OIL CO El Segundo Fireproof Residium Stripper Vessel #204
"A"	Repairs to Residium Stripper #2
8483	CARLTON FORGE Paramount Design, supply and install a door of Fibre Construction on Furnace FC-201
8484	APEX SMELTING Long Beach Remove and Replace Tapout Blocks #5 Furn.
8485	MARTIN MARIETTA CARBON Carson Pour Damper
8486	RALPH M PARSONS SOUTHERN CALIF EDISON Huntington Beach Repairs to Gas Fired Heater
8487	BETHLEHEM SHIPYARDS Terminal Island SS St. Louis Repairs to Port and Starboard Boilers
8488	COLLIER CARBON & CHEMICAL Santa Maria Repairs to Pyro Scrubber & Afterburner
8489	H KRAMER CO El Segundo Reline #1 Rotary

SEPTEMBER 1974

8490 PACIFIC SMELTING
 Torrance
 Repairs to Catenary Arch of Retort

8491 STANDARD OIL CO
 El Segundo
 Repairs to #37 Boiler

8492 TEXACO INC
 Wilmington
 Repairs to VPS #1 and Heater #1

8493 STANDARD OIL CO
 El Segundo
 Repairs to F610 A & B in Isomax Plant

8494 FOSTER WHEELER CORP
 UNITED FABRICATORS
 Santa Fe Springs
 Stack Lining for Export to Taiwan
 Breech lining for export to Taiwan

"A"

8495 UNION OIL CO
 Wilmington
 Line Wemco Tank

8496 GREAT LAKES CARBON
 Wilmington
 Nec Repairs to Combustion Chamber of #2 Kiln

8497 U S BORAX
 Boron
 Repairs to #4 Furnace

8498 ANACONDA AMERICAN BRASS
 Paramount
 Repair Crucible

OCTOBER 1974

8499 STANDARD OIL CO
 El Segundo
 Repair to 2 Coker Heads

8500 PRECISION HEAT TREATING CO
 Montebello
 Line Ipsen "T" Furnace

OCTOBER 1974

8501 NORRIS INDUSTRIES
Maywood
Repairs to #2 Draw Furnace

8502 VISTA METALS
Fontana
Misc Repairs to Furnaces # 1 & 2

8503 MATSON LINES
Terminal Island
SS Matsonia
Repairs to Port Boiler

8504 MARTIN MARIETTA ALUMINUM
Torrance
Modifications to Lining for #3 Melting Furn.
"A" Modification to Steel
"B" Furn extra matl

8505 UNION CARBIDE
Torrance
Repairs to Sludge Furnace

8506 ANACONDA AMERICAN BRASS
Paramount
Ram 2 Inductors

8507 STANDARD OIL CO
El Segundo
Repairs to F501-B Coker

8508 INTERPACE
LA
Nec Repairs to #12 Tile Kiln

8509 COLLIER CARBON & CHEM
Wilmington
Replace Insulation Brick in Top Manway
Converter Door

8510 KAY BRUNER STEEL
Alhambra
Nec Repairs to 10-C & 10-D Furnaces

OCTOBER 1974

8511 MOBIL OIL CO
Torrance
Nec Repairs to Bullnose of F-W Furnace
(#4F1 Heater)

8512 ATLANTIC RICHFIELD
Wilmington
Nec Repairs to Rayco Furnace

8513 CMI
San Pedro
SS Pres. Polk
Nec Repairs to Boiler

8514 GREAT LAKES CARBON
Wilmington
Repairs to #1 Kiln

8515 MONSANTO CHEMICAL
Paramount
Remove Surplus Material

8516 W R GRACE & CO
South Gate
Refractory Repairs Peabody Air Heater
Repairs to Downcomer 5/75

"A"
8517 PLESSEY PRECISION METALS
LA
Line Hydro Fluoric Acid Tank

8518 PACIFIC SMELTING
Torrance
Install Lining #4 Muffle Furnace
Melt Area "D" - Repair Dross Furnace

"B"
Condenser Area

"C"
Repair Rotary Furnace

8519 TEXACO INC
Wilmington
Fireproofing V-609 at Crude Unit #1

8520 HALL HEAT TREATING
Paramount
Supply Labor only to repair Heat Treating Furn.

8521

EHRHART DIVN° PROCON INC
Standard Oil Co - El Segundo
Install Refractory & Acid Brickwork in
Tail Gas Facility
"A" Install Partition Rings in Quench Column

8522

COLLIER CARBON & CHEM
Santa Maria
Furnish & Install Abresist Lining on "V"
Floor in Material Hopper above KVS Preheater

"A"

Material only for guniting an Insulating
Concrete Lining on the Walls & Roof of Mat'l
Hopper above KVS Preheater

"B"

Labor only to install mat'l for guniting an
Insulating Concrete Lining on the walls &
Roof of mat'l hopper above KVS Preheater

"C"

Gunite sulfur pit

8523

STANDARD OIL CO - El Segundo
Repairs to Coker Drums Bottom Heads
"A" Repairs to F501-A Coker

8524

STEWART CONSTRUCTION - Corona
Refurbish 2 NA Burners #6512 & Rebuild
Fisher Regulator #99

8525

MATSON LINES - SS Hawaiian Monarch
Terminal Island
Repair Brickwork on Starboard Boiler

8526

^{chemical}
PRODUCTOL STEEL - Whittier
Labor & Material for Fabrication and
Installation of New Burner Equipment

8527

MOBIL OIL CO - Torrance
Install Ferrules in Tube Sheet

8528

INTERNATION EXTRUSION - CALTUF DIV.
Alhambra - Labor & Material to repair
Electrical Sys.

8529

COLLIER CARBON & CHEMICAL-Brea
Repairs to Transfer Line

OCTOBER 1974

- 8530 STANDARD OIL CO - El Segundo
Repairs to Boiler 38
- 8531 MATSON LINES - SS Matsonia
Terminal Island
Nec repairs to Port Boiler
- 8532 PFIZER INC
Lucerne Valley
Minor repairs to Dorr Oliver Lime Reactor
- 8533 SHELL OIL CO - Dominguez
Repairs to #3 Boiler
- 8534 POWERINE OIL CO - Santa Fe Springs
Nec repairs to the Orifice Chamber of
the Catcracker
- 8535 MARTIN MARIETTA ALUM - Torrance
Nec repairs to #11 Reverb Furnace
"A" Gunite
- 8536 STATES LINE - SS Montana
Long Beach
Repairs to Port Boiler
- 8537 PACIFIC SMELTING - Torrance
Labor only to Repair #1 Reverb Furnace

NOVEMBER 1974

- 8538 STAUFFER CHEMICAL - Dominguez
Repairs to #2 Caustic Pot
- 8539 UNION OIL CO - Wilm
Repair Unit #33
- 8540 FOSTER WHEELER CORP
Standard Oil Co - El Segundo
Furnish and install linings in 1 vacuum
heater and 2 atmospheric heaters

NOVEMBER 1974

- 8541 MARTIN MARIETTA CARBON - Carson
Nec repairs to Cooler
- 8542 APEX SMELTING - Long Beach
Nec Repairs to Dryer
- 8543 COLLIER CARBON & CHEMICAL
Brea
Fireproofing 2 Converters
- 8544 ALUMINUM FORGE CO
ALTAMIL CORP
Santa Ana
Nec repairs to Lindburg Furnace
- 8545 U S BORAX & CHEM - Boron
Repairs to #2AB Furnace
- 8546 APEX SMELTING CO - Long Beach
Nec piping changes on #L1 Aluminum
Melting Furnace
- 8547 TEXACO INC - Long Beach
Nec repairs to #301 Boiler
- 8548 GREAT LAKES CARBON
Enid, Oklahoma
Water Cooled Damper for #3 Unit
- 8549 GULF OIL CO
Santa Fe Springs
Reline door of furnace on #1 Reformer
- 8550 ARIZONA PORTLAND CEMENT
Rillito, Ariz
Repairs to #4 Kiln
"A" Repairs to #2 Kiln Firing Hood'
- 8551 INTERPACE - Glendale
Repairs to #18 Tile Kiln

NOVEMBER 1974

8552	UNIT CONSTRUCTION MAINTENANCE UNION OIL CO Los Angeles Fireproof Tank	
8553	RALPH M PARSONS SOUTHERN CALIF EDISON Euclid Station - Chino Repairs to Oil Heaters	"A" Toner Sta-repair 3 oil heaters "B" Santa Fe Spring- repair 3 oil heaters
8554	STANDARD OIL CO El Segundo Repairs to Bottom Drum Head of Coker	
8555	PHELPS DODGE TUBE CO Los Angeles Repairs to #685 Furnace	
8556	U S BORAX & CHEMICAL Boron Construct 2 new FOREHEARTHES	
8557	MONSANTO CHEMICAL CO Long Beach Nec Repairs to #224 Calciner	
8558	CALIF PORTLAND CEMENT - Colton Nec Repairs to #2 Firing Hood "A" Furnish & install lining in 2 hot air plenum for coal firing sys.	
8559	ALCOA - Vernon Supply labor to install refractories in #4 - 43 ton melting furnace	
8560	SHELL OIL CO - Dominguez Repairs to #4 Furnace	
8561	Cancelled	
8562	U S Borax & Chemical - Boron Minor repairs to #1RA Furnace	

NOVEMBER 1974

8563	MARTIN MARIETTA ALUM Torrance Repairs to #2 Furnace
8564	MARTIN MARIETTA CARBON Carson Nec repairs to Kiln
8565	FILTROL Los Angeles Repairs to Flat Bottom Tank #1429
8566	U S BORAX & CHEMICAL Boron Minor repairs to #2 RA Furnace at RA Plant
8567	STANDARD OIL CO El Segundo Nec Repairs to #32 Boiler
8568	TRICRAFT WELDING CO South Gate Install insulating concrete to convection section of crude preflash heater
8569	N L INDUSTRIES Los Angeles Nec repairs to tilt furnace
8570	U S BORAX & CHEMICAL Boron Repairs to Doghouse on #7AB Furnace
8571	KERR McGee Westend Repair to 8'ID Rotary Kiln
8572	US BORAX & CHEMICAL - Boron Minor repairs to #6AB Furnace - Plant 5

NOVEMBER 1974

- 8573 US BORAX & CHEMICAL
Boron
Pour a new Doghouse Roof for Furnace
#26 ABA Plant
- 8574 MARTIN MARIETTA ALUM
Torrance
Repairs to #9 Reverb
- 8585 US BORAX & CHEMICAL
Boron
Major repairs to #3AB Furnace, Plant 5
- 8576 SHELL OIL CO - Wilm
Repairs to Heaters 21,22,23,27 & Misc
refractory repairs at the DU #5 Shutdown

DECEMBER 1974

- 8577 OWENS-ILLINOIS
El Cerrito
Nec repairs to dryer
- 8578 WESTERN PETRO CHEM SERVICES
STANDARD OIL - El Segundo
Repair dampers at Isomax Plant
- 8579 JORGENSEN STEEL- Los Angeles
Repairs to #2 Boiler
- 8580 BETHLEHEM SHIPYARDS
SS Hawaiian Citizen
Terminal Island
Nec repairs to Port & Starboard Boiler
- 8581 MARTIN MARIETTA ALUMINUM-Torrance
Remove buildup on #5 Furnace
- 8582 BETHLEHEM STEEL
Vernon - Repair #6 Soak Pit
- 8583 SOULE' STEEL-Long Beach
Repair Reheat

DECEMBER 1974

- 8584 INTERPACE - LA
Repair #19 Tile Kiln
- 8585 GREFCO INC-Lompoc
Repairs to #1 Rotary Kiln
- 8586 JENKINS CONSTRUCTION CO
STANDARD OIL - El Segundo
Acid Brick Lining for Sumps
"A" Add work.
- 8587 INTERPACE - LA
Repair #9 Tile Kiln
- 8588 STANDARD OIL CO - El Segundo
Repair to Horton Sphere - Remove
Replace Fireproof Support Legs
- 8589 CELOTEX CORP - LA
Furnish safety valves for 2 boilers &
flame safety equipment for 10 stills
- 8590 COLLIER CARBON & CHEMICAL
Brea - Ammonia plant refractory repairs
- 8591 SELAS CORPORATION - El Segundo
Repairs to 2 units damaged in shipment
- 8592 THATCHER GLASS - Saugus
Repairs to #1 Glass Tank
- 8593 TOSCO PETRO - Bakersfield
Repairs to Coker
- 8594 STANDARD OIL CO - El Segundo
Fireproof Vessels V-1 & V-3
- 8595 PACIFIC SMELTING - Torrance
Nec repairs to rotary kiln
- 8596 TOSCO PETRO - Bakersfield
Repairs to #4 Boiler
- 8597 STAUFFER CHEMICAL - Dominguez
Nec repairs to manhole

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- 8598 STANDARD OIL CO - El Segundo
Nec repairs to stack gas heater in
Sulfur Acid Plant #2
- 8599 H KRAMER - El Segundo
Repairs to #3 Reverb
- 8600 TODD SHIPYARDS
uss McKean - San Pedro
Repairs to boilers 1,2,3 & 4
- 8601 US BORAX & CHEMICAL - Boron
Minor repairs to #1AB Furnace - Plant 5
- 8602 NORRIS INDUSTRIES - Maywood
Repairs to #1 Hard Furnace
- 8603 GREAT LAKES CARBON - Wilm
Repairs to #3 Furnace
- 8604 US BORAX & CHEMICAL - Boron
Minor repairs to #5AB Furnace
- 8605 STANDARD OIL CO - El Segundo
Repairs to Boiler #31
- 8606 MARTIN MARIETTA ALUM - Torrance
Design & Construct modified doors on
GE Roller Hearth Furnace
- 8607 MARTIN MARIETTA ALUM - Torrance
Repair to #10 Furnace
- 8608 U S BORAX & CHEMICAL - Boron
Repairs to #2 Furnace - Plant 5
- 8609 MONSANTO CHEMICAL CO - Long Beach
Repairs to Sidewalls of #1A Burner
- 8610 GREAT LAKES CARBON - Wilm
#3 Kiln Baghouse Addition

DECEMBER 1974

- 8611 PACIFIC CLAY PRODUCTS
SWENDELL DRESSLER - Los Nietos
Modifications to #2 Kiln
"A" Repair to ext. Kettle tile in roof.
- 8612 U S BORAX & CHEMICAL - Boron
Major Repairs to #4AB Furnace - Plant 5
- 8613 CROSBY OVERTON - Long Beach
Repairs to #9 Steam Machine
- 8614 SHELL OIL CO - Dominguez
Insulate Pipe on Flare
- 8615 TOSCO PETRO - Bakersfield
Nec Repairs to Reactor of the Coker
- 8616 COLLIER CARBON & CHEMICAL - Brea
Rebrick Elbow Reformer Inlet Line
"A" Repairs to Primary
- 8617 PHELPS-DODGE BRASS - LA
Repairs to Rotary Furnace
- 8618 CENTRAL BAG & SUPPLY CO INC - LA
Supply Combustion Flame Safety & Control
Equipment for Air Heater
- 8619 GREAT LAKES CARBON - Wilm
Repairs to #2 Kiln
- 8620 MARTIN MARIETTA CARBON - Carson
Repair Kiln

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8621 MARTIN MARIETTA ALUMINUM - Torrance
Repairs to #8 Furnace
"A" Repairs to #10 Furnace 1/7/75

8622 UNION CARBIDE - Torrance
Repairs to #5 Cracking Furnace

8623 CARLTON FORGE CO - Paramount
Repairs to Door

8624 COLLIER CARBON & CHEMICAL - Brea
Nec Repairs to Two Chemical Basins

8625 PORT WELDING
SS OREGON STANDARD
Redondo Beach

8626 STAUFFER CHEMICAL - Dominguez
Repairs to the Combustion Burner #2 Plant