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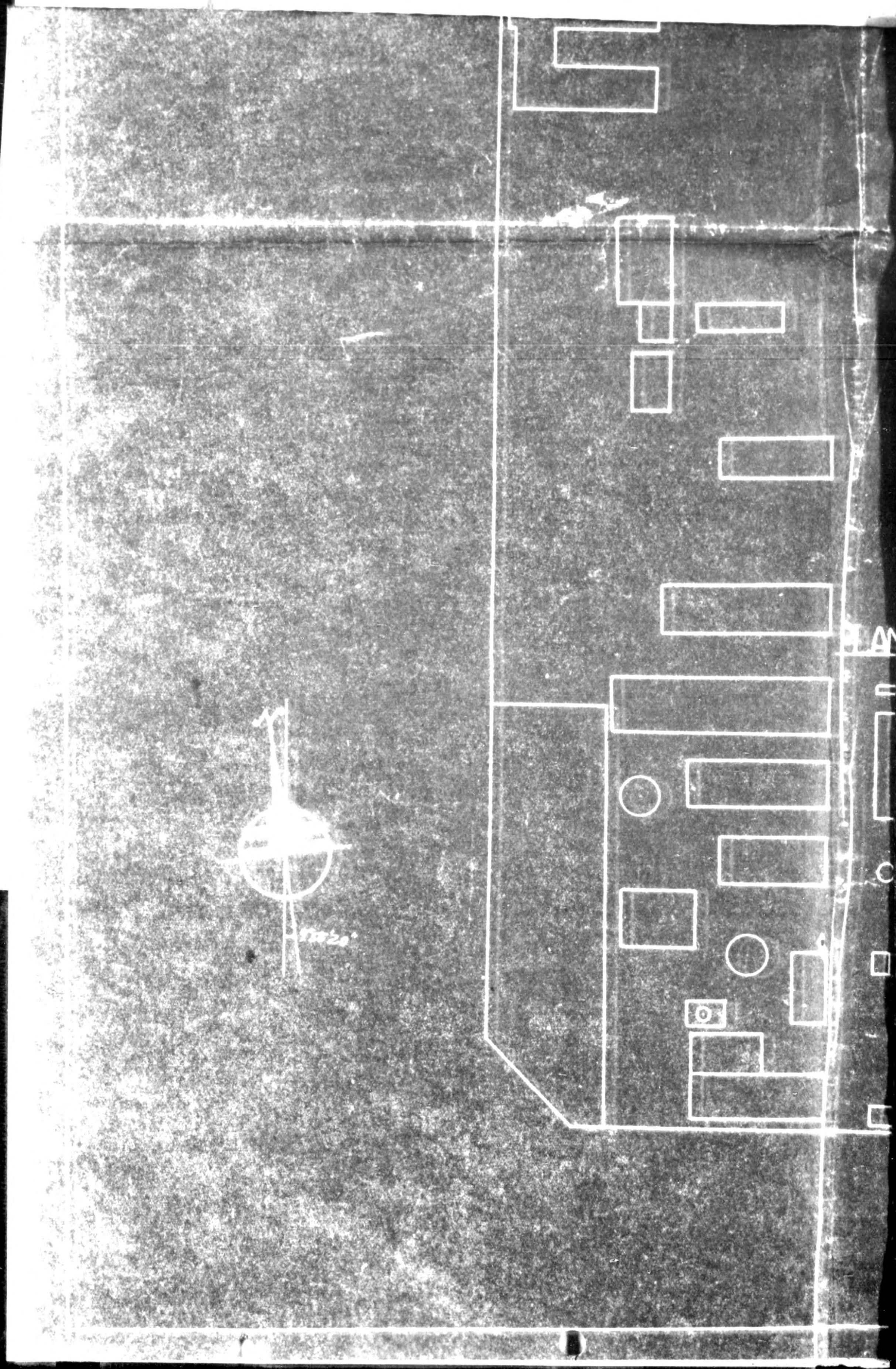


775013

PLANTS OF SYNTHETIC
ORGANIC CHEMICALS

WARE HOUSE

775013

REMAIN

I

3 4

DIAPHRAGM CELL ROOM

II

EVAPORATOR

3 4

DIAPHRAGM CELL ROOM

III

EVAPORATOR FOR MERCURY CELL

EVAPORATOR FOR DIAPHRAGM CELL

REPAIR

10

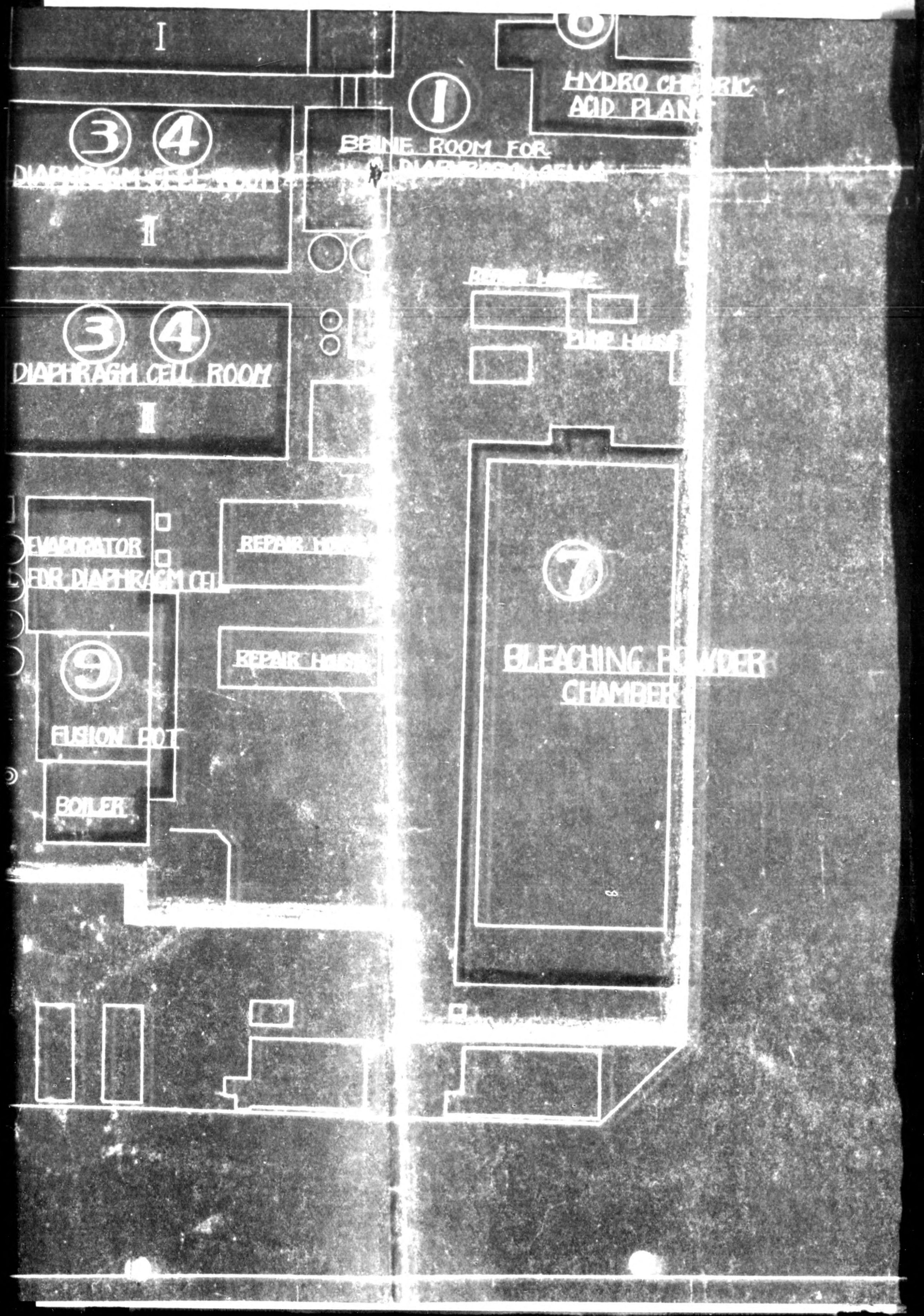
9

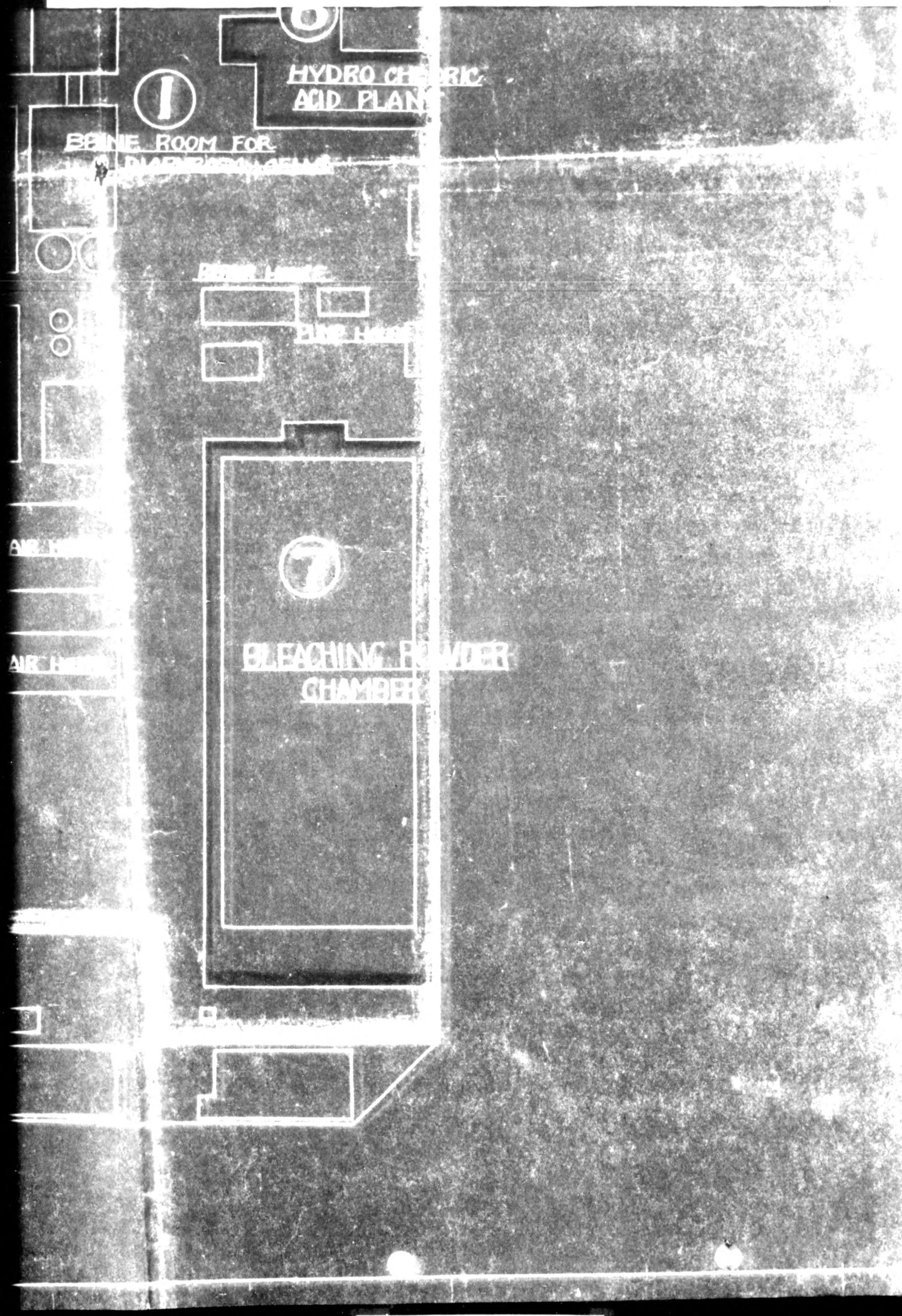
FUSION POT

FUSION POT

BOILER

BOILER





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TOA GOSEI KAGAKU KOGYO K.K.
(East Asia Synthetic Chemical Industry Crop.)

17 Showacho, Minato-ku, Nagoya

January 10th, 1949.

To Nagoya Finance Bureau.

APPLICATION FOR PURCHASE OF CYLINDRICAL GAS CONTAINERS

1. ITEM:
452 cylindrical gas containers.

2. LOCATION:
01-56 Chikusa Plant, former Nagoya Army Arsenal.

3. PROPOSED PURPOSE:
Containers of hydrogen gas obtained by electrolisis of water in process of manufacturing sulphate of ammonia.

The supply of hydrogen gas replenishes current shortage of curbide used in welding and shearing work and in addition alleviates the short supply of the gas indispensable in fat-oil industry.

4. OTHER INFORMATION:
The containers are not included in items of equipments taken under reparations custody, but in compliance with the instruction of Reparations Officers from GHQ, Nagoya Finance Bureau listed them in their report of non-reparations items dated 31 July, 1948.

TOA GOSEI KAGAKU KOGYO K.K.

Akira Mase

A. Mase, Chief Executive
Nagoya Plant.

APPROVED

E. F. JOUARD, DAC
Engineer Section Chief
Aichi Mil Gov't Team

NAGOYA FINANCE BUREAU

CITY HALL BLDG.

NAGOYA

January, 10th, 1949

Commanding Officer,
Aichi Military Government Team.

Dear Sir:

Sales of Cylindrical Gas Container
in Chikusa Plant 01-56

As per the application enclosed herein, Toa Gosei Kagaku Kogyo K.K. are desirous to purchase 452 gas containers stored in Chikusa Plant 01-56.

The containers are not listed as reparations items and if you would approve the sales we should like to dispose of them as applied.

Yours very faithfully,

NAGOYA FINANCE BYREAU

T. Nakano
.....
T.Nakano,
Chief, State Property Dept.

Encl: 1 Application

APPROVED

E. F. JOUARD, DAC
Engineer Section Chief
Aichi Mil Gov't Team

TOA GOSEI KAGAKU KOGYO K.K.
(East Asia Synthetic Chemical Industry Crop.)

17 Showacho, Minato-ku, Nagoya

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The supply of hydrogen gas replenishes current shortage of curbide used in welding and shearing work and in addition alleviates the short supply of the gas indispensable in fat-oil industry.

4. OTHER INFORMATION:
The containers are not included in items of equipments taken under reparations custody, but in compliance with the instruction of Reparations Officers from GHQ, Nagoya Finance Bureau listed them in their report of non-reparations items dated 21 July, 1948.

TOA GOSEI KAGAKU KOGYO K.K.

Akira Mase
A. Mase, Chief Executive
Nagoya Plant.

APPROVED

E. F. JOUARD, DAC
Engineer Section Chief
Aichi Mil Gov't Team

Information

24 Sep., 1948

TO : Aichi Military Government Team

THRU : Aichi Prefectural Liaison Office, Nagoya

FROM : Toa Gosei Chemical Industry Co., Ltd.
#17-23 Showa-cho, Minato-ku, Nagoya

Subject : Return of Machinery

We were permitted by your Government the movement of a K. W. H. Metre, a Current Trans-former and two of Potential Trans-former inventoried under the reparation program for the purpose of official experiment till 19 Sep., 1948.

These machineries were returned normally on 16 Sep., 1948 to our company from Electric Experimental Station of the Department of Commerce and Industry in Nagoya.

We inform your Government as above-mentioned with our gratitude for your special consideration.

Toa Gosei Chemical Industry Co., Ltd. Nagoya

M. Yoshimura

President. Mihomaru Yoshimura

IV

HEADQUARTERS
AICHI MILITARY GOVERNMENT TEAM
APO 710 (Nagoya, Honshu)

RLM/hk

30 August 1948

SUBJECT: Confirmation of Items of Equipment in Authorized Use

TO: The Aichi Prefectural Liaison Office, Nagoya

TO: Toa Gosei Kagaku Kogyo K.K. (01-87)
Nagoya Branch #143, Showa-cho,
Minato-ku, Nagoya-shi

L

This headquarters hereby confirms the continued authorized use of the ~~five hundred forty five~~ 545 RLM items of equipment on attached list. These items of equipment are located at Toa Gosei Kagaku Kogyo K.K. (01-87).

FOR THE COMMANDING OFFICER:

FRANK L. BOCK
Major IMF
Adjutant

1 Incl:
Items of Equipment in authorized use

List of Items of Equipment in Authorized Use

31 July 1948

Toa Gosei Chemical Industry Co., Ltd.
Nagoya Branch.

Confirmed 28 Aug. 48
Aichi M.L. Govt.
RHM

Copy

HEADQUARTERS
AICHI MILITARY GOVERNMENT TEAM
APO 710 U.S. ARMY

EFJ/ek

3 February 1947

SUBJECT : Denial of Application for Exemption from Reparations of Toa Gosei Kagaku Kogyo K.K.

TO : Mayor of Nagoya City, Nagoya.

THRU : The Japanese Liaison Office, Nagoya.

1. Your application for the exemption from reparations of the Nagoya Plant of Toa Gosei K.K. has been denied.

2. Continued operation of this plant is currently authorized until further notice.

FOR THE COMMANDING OFFICER:

ROBERT W. HUTCHESON
Captain CMP
Adjutant

Confirmed 28 Aug. '48
Aichi Mil. Govt.
RHM

· = NOT inventory

List of Items of Equipment in Authorized Use

Inventory Number	Type of Items	Operating Dimensions	Purpose for which Items is being used
I.A.1.-1~68 U	Electrolytic Cell Mercury Type	Voltage 4.5 Volts, Current 6,000 Amps. Production per day NaOH 204 Kgs.	Manufacturing of Caustic Soda
I.A.1.-69~210 U	Electrolytic Cell Diaphragm Type	Voltage 3.8 Volts, Current 1,500 Amps. Production per day NaOH 50 Kgs.	do
I.A.2.-1~5 U	Vacuum Evaporator	Double Effect, Vertical Calandria, Heating Surface 90 m^2, Operating Press. 4 Kg/cm^2 Vacuum 28 inches Hg-Column	do
I.A.2.-6~7 U	Vacuum Evaporator	Double Effect, Kastner Type, Heating Surface 61 m^2, Operating Press. 4 Kg/cm^2 Vacuum 28 inches Hg-Column	do
I.A.2.-8~11 U	Vacuum Evaporator	Double Effect, Kastner Type, Heating Surface 106 m^2 Operating Press. 4 Kg/cm^2 Vacuum 28 inches Hg-Column	do
I.A.3.-1 U	Conveyer	Raw Salt 5,000 Kgs/Hr, Screw Conveyer, Bucket Conveyer Motor 5 HP, R.P.M. 1,730	do
I.A.3.-2~3 U	Stone Ware Fun	Dia. 60 m/m, Press 95 m/m H_2O Air Volume 5.5 m^3/min., Motor 2 HP, R.P.M. 3,480	
I.A.3.-4,5,8,9 U	Gear Box	Load 30 HP, Gear Ratio 9:1 Motor 30 HP, R.P.M. 880	do
I.A.3.-6,7 U	Chain Hoist	Hand Working, Trolley Load 1 Ton	do
I.A.3.-10 U	Acid Egg	Stone Ware, 800 lits.	do

Confirmed Aichi Mil. Govt. RHM

2 Dang 4P

Inventory Number	Type of Items	Operating Dimensions	Purpose for which Items is being used
2 I.A.3.-11,12 U	Jet Condenser (including Vapor Pipe)	Hight 1,200 m/m. Inner Dia. 750 m/m,	Manufacturing of Caustic Soda
1 I.A.3.-13 U	Storage Tank	Cylindrical. 4,500 lits.	do
3 I.A.3.-14,16,18 U	Fusion Pot	Round Bottomed, Dia. 2,727 m/m Depth 1,925 m/m Volume 8,880 lits.	do
3 I.A.3.-15,17,19 U	Fusion Pot	Round Bottomed, Dia. 2,660 m/m Depth 1,630 m/m Volume 7,000 lits.	do
3 I.A.3.-20,21,22 U	Coal Sender	Under Feeding Stoker Coal 150 Kgs/Hr Motor 2 HP, R.P.M. 1,700	do
2 I.A.3.-23,24 U	Electric Hoist	Trolley Type, Load 1/2 ton	do
1 I.A.3.-25 U	Jet Condenser (including Vapor Pipe)	Inner Dia. 750 m/m Height 1,200 m/m	do
8 I.A.3.-26~33 U	Fusion Pot	Dia. 2,727 m/m Depth 1,925 m/m Volume 8,880 lits.	do
4 I.A.3.-34~37 U	Cooler of Evaporated Solution	Swenson Type Cooling Surface 11 m^2	do
2 I.A.3.-38,39 U	Jet Condenser (including Vapor Pipe)	Inner Dia. 750 m/m Height 1,200 m/m	do
3 I.A.3.-40~42 U	Brine Cooler	Outer Dia. 3" Inner Tube 2" x 14" x 112	Manufacturing of Liquid Chlorine
2 I.A.3.-43,44 U	Brine Tank	1,500 m/m x 1,500 m/m x 5,000 m/m	
3 I.A.3.-45~47 U	Chlor Gas Condenser	Outer Dia. 635 m/m Length 4,390 m/m Thichness 9.5 m/m Drawing Pipe 50 m/m x 4,450 m/m x 64	

37 W

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Confirmed Mil. Govt. Aich RHMo

Inventory Number	Type of Items	Operating Dimensions	Purpose for which Items is being used
4 I.A.3.-48~51 U ✓	Charge Tank	Outer Tube Dia. 770 m/m Length 1,620 m/m Thickness 16 m/m Inner Pipe (Drawing Pipe) 50 m/m x 770 m/m x 6	Manufacturing of Liquid Chlorine
3 I.A.3.-52~54 U ✓	Seperator for Sulphuric Acid	Outer Tube Dia. 776 m/m Length 1,220 m/m Thickness 7 m/m Inner Tube (Drawing Pipe) 40 m/m x 1,800 m/m x 29	do
1 I.A.3.-55 U ✓	Acid Egg	Dia. 796 m/m Length 1,220 m/m Thickness 7 m/m	do
2 I.A.3.-56,57 U ✓	Drying Tower for Chlor Gas	Outer Dia. 969 m/m Height 5,451 m/m Inner Dia. 909 m/m To put in Raschig Ringe	do
3 I.A.3.-58~60 U ✓	Ammonia Condenser	Outer Dia. 2"2" Inner Pipe 2" x 16' x 64	do
3 I.A.3.-61~63 U ✓	Receiver	Outer Tube Dia. 1,000 m/m Length 5,000 m/m Thichness 8 m/m Inner Tube (Drawing Pipe) 50 m/m x 5,060 m/m x 8	do
4 I.A.3.-64~67 U ✓	Silica Tube Plant	Silica Tube 24 Safety Tank for H_2 1 (860 m/m x 1,000 m/m) Steel Safety Tank for Cl_2 1 (1,000 m/m x 1,000 m/m) Porcelain	Manufacturing of Hydrochloric Acid
2 I.A.3.-68,69 U ✓	same above	same above	
2 I.A.3.-70,71 U ✓	Storage Tank	20 Tons Rubber lining 2,100 m/m (Dia.) x 4,700 m/m	

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confirmed Aichi Mil. & Govt. RTM

	Inventory Number	Type of Items	Operating Dimensions	Purpose for which Items is being used
2	I.A.3.-72,73 U	Storage Tank	50 Tons Rubber lining 2,600 m/m (Dia.) x 9,400 m/m	Manufacturing of Hydrochloric Acid
10	I.A.3.-74~83 U	Drying Tower for Chlor Gas	Outer Dia. 969 m/m Inner Dia. 909 m/m Height 5,431 m/m ~~To be filled in~~ Raschig Rings packed with	Manufacturing of Liquid Chlorine
1	I.A.3.-84 U	Dissolving Tank of Sodium Carbonate	Cylindrical, 2,000 lits.	Manufacturing of Caustic Soda
1	I.A.3.-85 U	Storage Tank of Soda Solution	Cylindrical, 4,000 lits.	do
1	I.A.3.-86 U	Storage Tank of Hydrochloric Acid	Stoneware, 1,000 lits.	Manufacturing of Sodium Bicarbonate
1	I.A.3.-87 U	same above	Stoneware, 500 lits.	Manufacturing of Caustic Soda
1	I.A.3.-88 U	same above	Stoneware, 1,000 lits.	do
2	I.A.3.-89,90 U	Head Tank of Brine	Wooden, 4,000 lits.	do
1	I.A.3.-91 U	same above	Steel, 4,000 lits.	Manufacturing of Sea salt
1	I.A.3.-92 U	Acid Egg	Stoneware, 500 lits.	Manufacturing of Caustic Soda
1	I.A.3.-93 U	Storage Tank of Soda Solution	Cylindrical, 20,000 lits.	do
3	I.A.3.-94~96 U	Storage Tank of Brine	Cylindrical, 55,000 lits.	do
1	I.A.3.-97 U	Filtration Tank of Brine	Horizontal, Boat Type 500 lits.	do
1	I.A.3.-98 U	Receiver of Filtrate	Cylindrical, 3,000 lits.	do
1	I.A.3.-99 U	Brine Tank of Refrigerator	3 m x 1.5 m x 1.5 m	do

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Inventory Number	Type of Items	Operating Dimensions	Purpose for which Items is being used
I.A.3.-100 U	Brine Cooler	Outer Dia. 3' Inner Tube 2" x 14' x 112	Manufacturing of Caustic Soda
I.A.3.-101 U	Ammonia Reciever	Dia. 20", Length 7'	do
I.A.3.-102 U	Ammonia Condenser	Outer Dia. 2'2" Inner Pipe 2" x 16' x 64	do
I.A.3.-103 U	Level Tank of Amalgam Decomposing Water	Rectangular, 2,000 lits.	do
I.A.3.- 104 U	Storage Tank of Soda Solution	Cylindrical, 3,000 lits.	do
I.A.3.-105 U	Heating Tank of Amalgam Decomposing Water	Cylindrical, 4,000 lits.	do
I.A.3.-107 U	Level Tank of Brine	31 cm x 76 cm x 61 cm	do
I.A.3.-108 U	Washing Tank of Raw Salt	Cylindrical, Conical Bottomed, 15 tons of Raw Salt	do
L.A.3.-109~112 U	Neutralization Tank	Wooden, 55,000 lits.	do
I.A.3.-113,114 U	Storage Tank of Back Brine	Cylindrical, 55,000 lits.	do
I.A.3.-115 U	Receiving Tank of Electrolytic Solution	Round Bottomed, 7,000 lits.	do
I.A.3.-116~119 U	Feed Tank of Electrolytic Solution	Cylindrical, 50,000 lits.	do
I.A.3.-120 U	Head Tank of Purified Water	Cylindrical, 1,000 lits.	do
I.A.3.-121~123 U	Tank for Water Purifying	Cylindrical, 25,000 lits.	do
I.A.3.-124,125 U	Same above	Cylindrical, 15,000 lits.	do

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	Inventory Number	Type of Items	Operating Dimensions	Purpose for which Items is being used
9	I.A.3.-126~134 U	Settling Tank of Soda Solution	Cylindrical, 20,000 lits.	Manufacturing of Caustic Soda
4	I.A.3.-135~138 U	Cooling Tank of Evaporated Soda Solution	Cylindrical, Conical Bottomed Cooling Area 11 m^2 Volume 7,000 lits.	do
2	I.A.3.-139,140 U	Receiving Tank of Cooled Solution	Boat Type, 2,000 lits.	do
1	I.A.3.-141 U	Receiving Tank of Waste Solution	Round Bottomed, 7,000 lits.	do
1	I.A.3.-142 U	Fan	Dia. 3", Motor 2 HP, R.P.M. 1,700	do
2	I.A.3.-143,144 U	Feed Water Tank for Boiler	Cylindrical, 13,000 lits.	do
1	I.A.3.-145 U	Conveyer of Coal	Coal 2 tons/Hr, Motor 5 HP, R.P.M. 1,720	do
2	I.A.3.-146,147 U	Concentration Pot of Sodium Nitrate Solution	Round Bottomed, Dia. 2,727 m/m Depth 1,925 m/m Volume 3,000 lits.	Manufacturing of Sodium Nitrate
1	I.A.3.-148 U	Storage Tank of Sodium Nitrate Solution	Cylindrical, 25,000 lits.	do
1	I.A.3.-149 U	Head Tank of Sodium Nitrate Solution	Cylindrical, 1,000 lits.	do
1	I.A.3.-150 U	Centrifuge	Vertical Basket, Dia. 900 m/m, Depth 450 m/m Motor 5 HP, R.PM. 1,700	do
1	I.A.3.-151 U	Coal Sender	Under Feeding Steker, Coal 150 Kg/Hr, Motor 2 HP, R.P.M. 1,700	do
1	I.A.3.-152 U	Receiving Pot of Electrolytic Solution	Round Bottomed 7,000 lits.	Manufacturing of Caustic Soda

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	Inventory Number	Type of Items	Operating Dimensions	Purpose for which Items is being used
2	I.A.3.-153,154 U	Feed Tank of Electrolytic Solution	Cylindrical, 100,000 lits.	Manufacturing of Caustic Soda
4	I.A.3.-155-158 U	Settling Tank of Concentrated Soda Solution	Cylindrical, 20,000 lits.	do
2	I.A.3.-159,160 U	Feed Tank of Electrolytic Solution	Cylindrical, 100,000 lits.	do
1	I.A.3.-161 U	Centrifuge	Vertical Basket, Dia. of Basket 900 m/m Depth of Basket 450 m/m Motor 10 HP, R.P.M. 1,760	do
3	I.A.3.-162~164 U	Receiving Pot	Round Bottomed, 9,850 lits.	do
1	I.A.3.-165 U	Kneader	China clay 30 Kg/Hr	do
4	I.A.3.-166~169 U	Water Seperator for Hydrogen Gas	Dia. 500 m/m Height 1,000 m/m	do
1	I.A.3.-170 U	Storage Tank	1,000 lits. Porcelain	Manufacturing of Hydrochloric Acid
1	II.A.2.-1 U	Independent Motor for Stirren of Cooling Tank	1 HP, R.P.M. 1,700	Manufacturing of Caustic Soda
1	II.A.2.-2 U	same above	2 HP, R.P.M. 1,700	do
1	II.A.2.-3 U	same above	3 HP, R.P.M. 1,720	do
1	II.A.2.-4 U	same above	same above	do
1	II.A.2.-5 U	Independent Motor for Chlor Gas Treatment	5 HP, R.P.M. 1,740	Manufacturing of Liquid Chlorine
1	II.A.2.-7 U	Independent Motor for Kneader	5 HP, R.P.M. 1,720	Manufacturing of Caustic Soda
1	II.A.2.-8 U	Independent Motor for Chlor Gas Treatment	5 HP, R.P.M. 1,740	Manufacturing of
1	II.A.2.-9 U	Independent Motor for 2" Centrifugal Pump	3 HP, R.P.M. 1,720	Manufacturing of Sodium Nitrate

Contracted Aichi Mil. Govt.

	Inventory Number	Type of Items	Operating Dimensions	Purpose for which Items is being used
3	II.A.5.-1~3 U	Rotary Converter	Rated Capacity 1,800 KW Direct Current Voltage 300 Volts Current 6,000 Amps.	Manufacturing of Caustic Soda
2	II.B.1.-1,2 U	Main Transformer	Out door Rated Output 1,950 KVA Terminal Voltage Primary 12,220 Volts 11,660 Volts 11,100 Volts Secondary 228 Volts Phase 3	do
3	II.B.1.-3~5 U	Transformer	Out door Oil immerged, Selfcooling Rated Output 100 KVA Primary Volt 11,000 Volts Secondary Volt 3,300 Volts Phase Single	do
3	II.B.1.-6~8 U	Transformer	Rated Output 50 KVA Primary Volt 3,300 Volts Secondary Volt 210 105 Volts Phase Single	Manufacturing of Caustic Soda, Hydrochloric Acid & Bleaching Powder
7	II.B.1.-9~15 U	Transformer	Out door, Pole Trans. Primary Volt 3,300 Volts Secondary Volt 210 105 Volts Phase Single	Manufacturing of Caustic Soda
2	II.B.1.-16,17 U	Induction Voltage Regulator	Out door, Oil immerged, Self cooling Rated Output 216 KVA Rated Voltage 11,000 Volts Regulation Ratio 11,000 1,220 Volts Phase 3	do Confirmed Aichi Mil. Govt.

CO

Inventory Number	Type of Items	Operating Dimensions	Purpose for which Items is being used
3 II.B.1.-18-20 U	Transformer	Out door Oil immerged, Self cooling Rated Output 200 KVA Primary Volt 11,000 Volts Secondary Volt 6,600 3,300 Volts Phase Single	Manufacturing of Liquid Chlorine
3 II.B.1.-21~23 U	Transformer	Out door Oil immerged, Self cooling Rated Output 50 KVA Primary Volt 3,300 Volts Secondary Volt 210 105 Volts Phase Single	do
1 II.B.1.-24 U	Transformer	Pole Transformer Oil immerged, Self cooling Rated Output 20 KVA Primary Volt 3,300 Volts Secondary Volt 210 105 Volts Phase Single	Manufacturing of Hydrochloric Acid & Bleaching Powder
1 II.B.1.-25 U	Transformer	Pole Transformer Oil immerged, Self cooling Rated Output 15 KVA Primary Volt 3,300 Volts Secondary Volt 210 105 Volts Phase Single	Manufacturing of Liquid Chlorine and Caustic Soda
2 II.B.1.-26~28 U	Transformer	Out door Oil immerged, Self cooling Rated Output 50 KVA Primary Volt 3,300 Volts Secondary Volt 210 105 Volts Phase Single	Manufacturing of Caustic Soda

Confirmed
Aichi Mil. Govt.

Inventory Number	Type of Items	Operating Dimensions	Purpose for which Items is being used
II.B.1.-29 U	Main Transformer	Out door Oil immerged Self cooling Rated Output 1,950 KVA Terminal Voltage Primary 12,220 Volts 11,660 Volts 11,100 Volts Secondary 228 Volts Phase 3	Manufacturing of Caustic Soda
II.B.1-30 U	Induction Voltage Regulator	Out door oil immerged, Self cooling Rated Output 216 KVA Rated Voltage 11,000 Volts Regulation Ratio 11,000 1,220 Volts Phase 3	do
2 II.B.1.-33,34 U	Transformer	Pole Transformer Oil immerged, Self cooling Rated Output 15 KVA Primary Volt 3,300 Volts Secondary Volt 210~105 Volts Phase Single	For Power of Electric Station
1 II.B.1.-35 U	Transformer	Pole Transformer Oil immerged, Self cooling Primary Volt 3,300 Volts Secondary Volt 210~105 Volts Phase Single	For Light of Electric Station
3 II.B.2.-1~3 U	Oil Circuit Breker	Out door Electrical Remote Control Rupturing Capacity 100,000 KVA Rated Voltage 23,000 Volts Rated Current 400 Amps Phase 3	Manufacturing of Caustic Soda
3 II.B.2.-4~6 U	Star Delta Switch	Out door Electrical Remote Control Rated Voltage 15,000 Volts Rated Current 300 Amps.	

Confirmed
Aichi Mil. Govt.

	Inventory Number	Type of Items	Operating Dimensions	Purpose for which Items is being used
3	II.B.2.-7~9 U	Carbon Circuit Breker	In door, Solenoid Remote Control Rated Voltage 300 Volts Rated Current 6,000 Amps.	Manufacturing of Caustic Soda
6	II.B.2.-10~15 U	D.C, Main Line Switche	In door, Knife Switche Hand Control Rated Voltage 300 Volts Rated Current 6,000 Amps.	do
1	II.B.2.-16 U	Oil Circuit Braker	Out door Electric Remote Control Reputuring Capacity 1,000,000 KVA Rated Voltage 23,000 Volts Rated Current 800 Amps. Phase 3	General Use
1	II.B.2.-17 U	Oil circuit Braker	Out door Electric Remote Control Reputuring Capacity 100,000 KVA Rated Voltage 23,000 Volts Rated Current 400 Amps. Phase 3	do
1	III.A.2-1 U	Lanmashire Boiler including Gear Pump 1 Motor 1 (5 HP,R.P.M.1,700) Feed Water Tank 2 (3,000 lits.)	Diameter 7 feets. Length 30 feets Grate Area 3.07 m^2 Heating Surface 90 m^2 Press. 7 Kg/cm^2 Evaporating Capacity 84 tons/day	Manufacturing of Caustic Soda and other chemicals
1	III.A.3.-2 U	Takuma Boiler ML-240 including Washington Pump 1	Grate Area 5.45 m^2 Heating Surface 143.8 m^2 Press. 17 Kg/cm^2 Evaporating Capacity 120 tons/day	do
2	III.A.3.-3,4 U	Takuma Boiler ML-290 including Washington Pump 1	Grate Area 7.77 m^2 Heating Surface 178.4 m^2 Press. 10.5 Kg/cm^2 Evaporating Capacity 165 tons/day	do Confirmed Mil. Govt. Aichi JHM

	Inventory Number	Type of Items	Operating Dimensions	Purpose for which Items is being used
/	III.B.1.-1 U	Rotary Compressor for Air Agitation	Bore 1½", Press. 10 lbs/inch^2 Air Vol. 64 ft^3/min. Motor 5 HP. R.P.M. 1,720	Manufacturing of Caustic Soda
/	III.B.1.-2 U	Rotary Compressor for Air Agitation	Bore 2", Press. 10 lbs/inch^2 Air Vol. 95 ft^3/min. Motor 5 HP. R.P.M. 1,730	do
3	III.B.1.-3~5 U	Reciprocating Vacuum Pump for Evaporator	Cylinder Bore 12" Stroke 12" Displacement 195 ft^3/min. Motor 10 HP, R.PM. 1,700	do
/	III.B.1.-6 U	Rotary Compressor for Air Agitation	Bore 1½", Press. 7 lbs/inch^2 Air Vol. 30 ft^3/min. Motor 1 HP, R.P.M. 850	do
/	III.B.1.-7 U	Rotary Compressor	Bore 1½", Press. 10 lbs/inch^2 Air Vol. 64 ft^3/min. Motor 3 HP, R.P.M. 1,720	do
/	III.B.1.-8 U	Reciprocating Vacuum Pump for Evaporator	Cylinder Bore 12" Stroke 12" Displacement 195 ft^3/min. Motor 10 HP, R.P.M. 1,750	do
2	III.B.1.-9,10 U	Rotary Compressor	Air Vol. 620 ft^3/min. Bore 660 m/m R.P.M. 410 Motor 75 HP, R.P.M. 1,180	Manufacturing of $KClO_3$
2	III.B.1.-11,12 U	Vertical Compressor	9" x 9" Motor 75 HP, R.P.M. 1,180	do
/	III.B.1.-13 U	Compressor for Charging	Bore 1", R.P.M. 250 Motor 3 HP, R.P.M. 1,740	do
2	III.B.1.-14,15 U	Compressor for Agitation	Cylinder Bore 2½" Stroke 2½" Air Vol. 500 lits./min. Motor 5 HP, R.P.M. 1,[illegible]	Manufacturing of Hypochlorous Acid
/	III.B.1.-16 U	Compressor for Agitation	same above	Manufacturing of Bleaching Powder

16

Inventory Number	Type of Items	Operating Dimensions	Purpose for which Items is being used
III.B.1.-17 U	Vertical Compressor for Ammonia	9" x 9"	Manufacturing of Caustic Soda
III.B.1.-18 U	Rotary Compressor for Air Agitation	Bore 1½", Press. 10 lbs/inch^2 Air Vol. 64 ft^3/min. Motor 5 HP, R.P.M. 1,720	do
III.B.1.-19 U	Rotary Compressor for Air Agitation	Bore 1½" Press. 7 lbs/inch^2 Air Vol. 30 ft^3/min. Motor 1 HP, R.P.M. 950	Manufacturing of Sodium Nitrate
2 III.B.2.-1,2 U	Centrifugal Pump for Soda Solution	Dia. 2½", Head 13 m, Vol. 12 ft^3/min. Motor 5 HP, R.P.M. 1,720	Manufacturing of Caustic Soda
III.B.2.-3 U	Turbine Pump for Precipitated Brine	Dia. 3", Head 15 m, Vol. 20 ft^3/min. Motor 5 HP, R.P.M. 1,730	do
2 III.B.2.-4,5 U	Centrifugal Pump for Soda Solution	Dia. 2", Head 11 m Vol. 6 ft^3/min Motor 3 HP, R.P.M. 1,720	do
2 III.B.2.-6,7 U	Centrifugal Pump for Brine	Stoneware, Dia. 65 m/m Head 12 m, Vol. 420 lits/min Motor 5 HP, R.P.M. 1,730	do
2 III.B.2.-8,9 U	Centrifugal Pump for Brine	Dia 4", Head 16 m, Vol. 20 ft^3/min Motor 5 HP, R.P.M.1,730	do
III.B.2.-10 U	Centrifugal Pump for Brine	Dia. 4", Head 16 m, Vol. 20 ft^3/min Motor 7.5 HP, R.P.M.1,735	do
III.B.2.-11 U	Centrifugal Pump for Brine	Dia. 4", Head 16 m, Vol. 20 ft^3/min Motor 5 Hp, R.P.M. 1,730	do
III.B.2.-12 U	Centrifugal Pump for Return Brine	Stoneware, Dia. 50 m/m Head 12 m, Vol. 300 lits/min Motor 2 HP, R.P.M. 3,420	do

Confirmed: Aichi Mil. Govt. RJMR

15

	Inventory Number	Type of Items	Operating Dimensions	Purpose for which Items is being used
1	III.B.2.-13 U	Centrifugal Pump for Return Brine	Stoneware, Dia. 65 m/m Head 12 m. Vol. 420 lite/min Motor 5 Hp, R.P.M. 1,730	Manufacturing of Caustic Soda
3	III.B.2.-14~16 U	Centrifugal Pump for Brine	Dia. 2½", Head 13 m Vol. 12 ft^3/min Motor 5 HP. R.P.M. 1,720	do
2	III.B.2.-17,18 U	Centrifugal Pump for Purified Water	Dia. 2", Head 11 m Vol 8 ft^3/min Motor 2 HP, R.P.M. 1,700	do
1	III.B.2.-19 U	Centrifugal Pump for Sea Water	Dia. 7", Head 9 m Vol. 3 m^3/min Motor 10 HP, R.P.M. 1,750	do
2	III.B.2.-20,21 U	Centrifugal Pump for Jet Condenser	Dia. 6", Head 16 m. Vol. 2.3 m^3/min Motor 15 HP, R.P.M. 1,140	do
1	III.B.2.-22 U	Centrifugal Pump for Water	Dia. 3", Head 15 m. Vol. 20 ft^3/min Motor 5 HP, R.P.M. 1,730	do
2	III.B.2.-23,24 U	Centrifugal Pump for Soda Solution	Dia. 2", Head 11 m. Vol. 8 ft^3/min Motor 3 HP, R.P.M. 1,720	do
1	III.B.2.-25 U	same above	Dia. 2", Head 11 m. Vol. 8 ft^3/min Motor 2 HP, R.P.M. 1,700	do
1	III.B.2.-26 U	Same above	Dia. 2", Head 11 m. Vol. 8 ft^3/min Motor 3 HP, R.P.M. 1,720	do
1	III.B.2.-27 U	same above	Dia. 2", Head 11m Vol. 8 ft^3/min Motor 2 HP. R.P.M. 1,700	do
1	III.B.2.-28 U	same above	Dia. 2", Head 11 m Vol. 8 ft^3/min Motor 5 HP, R.P.M. 1,720	do

Confirmed Aichi Mil. Govt.

Inventory Number	Type of Items	Operating Dimensions	Purpose for which Items is being used
1 III.B.2.-29 U ✓	Centrifugal Pump for Soda Solution	Dia. 2", Head 11 m Vol. 8 ft^3/min Motor 2 HP, R.P.M. 1,700	Manufacturing of Caustic Soda
1 III.B.2.-30 U ✓	Centrifugal Pump for Soda Solution	Dia. 2", Head 11 m Vol.8 ft^3/min Motor 3 HP, R.P.M. 1,720	do
1 III.B.2.-31 U ✓	Centrifugal Pump for Water	same above	do
1 III.B.2.-32 U ✓	Centrifugal Pump for Soda Solution	Dia. 2", Head 11 m. Vol. 8 ft^3/min Motor 2 HP, R.P.M. 1,700	do
2 III.B.2.-33,34 U ✓	Centrifugal Pump for Soda Solution	Dia. 2", Head 11 m. Vol. 8 ft^3/min. Motor 3 HP, R.P.M. 1,720	do
2 III.B.2.-35,36 U ✓	Centrifugal Pump for Purified Water	same above	do
1 III.B.2.-37 U ✓	Turbine Pump for Water Feeding of Boiler	Bore 81 m/m, Head 150 m/m Vol. 227 lits/sec Motor 20 HP, R.P.M. 3,500	do
4 III.B.2.-38~41 U ✓	Centrifugal Pump for Soda Solution	Dia. 2", Head 11 m. Vol. 8 ft^3/min Motor 3 HP, R.P.M. 1,720	do
2 III.B.2.-42,43 U ✓	Nash Hyter Pump for Chlor Gas	Dia. 3", R.P.M. 900 Motor 30 HP, R.P.M. 900	Manufacturing of Liquid Chlorine
2 III.B.2.- 44,45 U ✓	Ariron Pump for Sulphuric Acid	Dia. 1½" Motor 3 HP, R.P.M. 1,740	do
2 III.B.2.-46,47 U ✓	Ariron Pump for water	Dia. 4", Head 13.72m Vol. 1.02 m^3/min Motor 5 HP, R.P.M. 1,740	do
1 III.B.2.-48 U ✓	same above	Dia. 3", Head 13.72 m Vol. 0.6 m^3/min Motor 5 HP, R.P.M. Aicho	do

Confirmed Mil. Govt. RHM

#204

Inventory Number	Type of Iteme	Operating Dimensions	Purpose for which Iteme is being used
2 III.B.2.-49,50 U ✓	Ariron Pump for Brine	Dia. 3", Vol. 20 ft^3/min Motor 10 HP, R.P.M. 750	Manufacturing of Liquid Chlorine
2 III.B.2.-51, 52 U ✓	Ariron Pump for Chlor Gas Treatment	Dia. 50 m/m, Stoneware Motor 5 HP, R.P.M. 1,740	do
1 III.B.2.-53 U ✓	Sand Pump	Dia. 3", Vol. 0,71 m^3/min Motor 5 HP, R.P.M. 1,740	do
7 III.B.2.-54~60 U ✓	Origine Pump for Hydrogen Gas	Dia. 1½" Motor 1 HP, R.P.M. 900	Manufacturing of Hydrochloric Acid
2 III.B.2.-61,62 U	Origine Pump for Circulation Water	Dia. 25 m/m Stoneware Vol. 3 lits/sec Motor 2 HP, R.P.M. 1,740	do
2 III.B.2.-63,64 U ✓	Origine Pump for Water	Dia. 3". Vol. 20 ft^3/min Motor 3 HP, R.P.M. 1,740	do
1 III.B.2.-65 U	Centrifugal Pump for Soda Solution	Dia. 2", Head 11 m, Vol. 8 ft^3/min Motor 3 HP, R.P.M. 1,720	Manufacturing of Caustic Soda
2 III.B.2.-66,67 U ✓	Centrifugal Pump for Deamalgamation water	Dia. 1½", Head 8 m, Vol. 5 ft^3/min Motor 2 HP, R.P.M. 1,700	do
1 III.B.2.-69 U ✓	Centrifugal Pump for Water	Dia. 2" Motor 2 HP, R.P.M. 1,740	Manufacturing of Hydrochloric Acid
3 ✓ III.B.2.-70~72 U ✓	Ariron Pump for Sulphuric Acid	Dia. 1¼" Motor 3 HP, R.P.M. 1,740	Manufacturing of Liquid Chlorine

L 545 ✓ MM

The reparations items of requirements listed on these 16 pages have been reviewed and confirmed by Aichi Mil. Govt. Confirmed 28 Aug. 45 RAMM

Mil. Govt for authorized use. Items of requirements other than these listed are not authorized for use. R J M Mud Lt Col

賠償登錄明細

区分	第一次登錄分		第二次(追加)登錄分			計
	インベントリーシートNo	台数	インベントリーシートNo	台数		
IA	1-1～210	210	—	—		210
	2-1～7	7	2-8～11	4		11
	3-1～83	83	3-84～105	22		169
	計	300	3-107～170	64		
			計	90		390
IIA	2-1～5	5	2-7～9	3		8
	5-1～3	3	—	—		3
	計	8	計	3		11
IIB	1-1～25	25	1-26～30	5		33
			1-33～35	3		
	2-1～15	15	2-16～17	2		17
	計	40	計	10		50
IIIA	3-1～4	4	—	—		4
IIIB	1-1～16	16	1-17～19	3		19
	2-1～64	64	2-65～67	3		91
			2-69～72	4		
	計	80	計	10		90
總計		432		113		545

東亞合成化學工業株式會社

(計算用紙)

Application

11st Aug. '48

To : Aichi Military Government Team

THRU : The Japanese Liaison Office

Tokai-Hokuriku Region, Nagoya

FROM : Toa Gosei Chemical Industry Co., Ltd.

17-23 Showa-cho, Minato-ku, Nagoya

Subject : Application for Movement of Machinery

We wish to be permitted the movement of machinery inventoried under the reparations program for the purpose of repair and official experiment as follows.

1. Names of Machinery

(a) A Direct Current Main Line Switch

(Inventoried Number II B 2-13 U)

(b) A K. W. H. Metre, A Current Trans-former and Two of potential-former

(Inventoried Number II B 2-16 U)

2. Reasons for Movement of Individual Machinery

(a) D. C. Main Line Switch :

For purpose of repair

(b) K. W. H. Metre and Others :

For purpose of official experiment

3. Term of Movement

(a) D. C. Main Line Switch :

From 20th Aug. '48 To 19th Nov. '48

(b) K. W. H. Metre and Others :

From 20th Aug. '48 To 19th Sep. '48

4. Destination of Machinery

(a) D. C. Main Line Switch :

Tokyo Shibaura Denki Co., Ltd. in Yokhama

(b) K. W. H. Metre and others :

Electric Experimental Station of the Department of Commerce and Industry in Nagoya

Getting your permission for our application, we shall have responsibility of proper custody and maintenance for the movement during the entire movement.

Toa Gosei Chemical Industry Co., Ltd.

M. Yoshimura.

President. Mihomaru Yoshimura

Information

7th May 1948

To : Aichi Military Government

THRU : The Japanese Liaison Office
Tokai-Hokuriku Region, Nagoya

FROM : Toa Gosei Chemical Industry Co.,Ltd.
#17-23 Showa-cho Minato-ku Nagoya

Subject. Return of Machinery

Owing to our application to be postponed the term of movement of machinery on 2nd April 1948, we were authorized by your Government to be returned by 10th May 1948 an armature of a synchronous converter iuventried under the reparations program moved to Tokyo Shibaura Denki in Yokohama from our company for the purpose of repair.

This armature completely repaired was returned normally to our company from Tokyo Shibaura Denki in Yokohama on 3rd May 1948.

We inform your Government as above mentioned with our gratitude for your special consideration.

Toa Gosei Chemical Industry Co.Ltd.Nagoya

M. Yoshimura.

President. Hikomaru Yoshimura

Application

2nd April 1948

TO : Aichi Military Government Team

THRU : The Japanese Liaison Office
Tokai-Hokuriku Region, Nagoya

FROM : Tos Gosei Chemical Industry Co., Ltd.
17-23 Shoo-cho, Minato-ku, Nagoya

Subject : Application for permission to be postponed the term of movement of machinery

We were authorised by your Government in 18th November 1947 to move an armature of a synchronous converter inventried under the reparations program to Tokyo Shibaura Denki in Yokohama for the purpose of repair, and its armature would be returned to the Tos Gosei K. K. in Nagoya by 28th Feb. 1948.

But owing to the postponement of its repair by Tokyo Shibaura Denki, we wish to be authorized delivery date from Tokyo Shibaura Denki be postponed till 10th May 1948.

Tos Gosei Chemical Industry Co., Ltd.

M. Yoshimura.

President : Mitsumaru Yoshimura

Application

2nd April 1948

TO : Aichi Military Government Team

THRU : The Japanese Liaison Office
Tokai-Hokuriku Region, Nagoya

FROM : Toa Gosei Chemical Industry Co., Ltd.
17-23 Showa-cho, Minato-ku, Nagoya

Subject : Application for permission to be postponed the term of movement of machinery

We were authorized by your Government in 18th November 1947 to move an armature of a synchronous converter inventried under the reparations program to Tokyo Shibaura Denki in Yokohama for the purpose of repair, and its armature would be returned to the Toa Gosei K. K. in Nagoya by 28th Feb. 1948.

But owing to the postponement of its repair by Tokyo Shibaura Denki, we wish to be authorized delivery date from Tokyo Shibaura Denki be postponed till 10th May 1948.

Toa Gosei Chemical Industry Co., Ltd.

M. Yoshimura.

President : Mitsumaru Yoshimura

Application

2nd April 1948

TO : Aichi Military Government Team

THRU : The Japanese Liaison Office
Tokai-Hokuriku Region, Nagoya

FROM : Toa Gosei Chemical Industry Co., Ltd.
17-23 Showa-cho, Minato-ku, Nagoya

Subject : Application for permission to be postponed the term of movement of machinery

We were authorized by your Government in 18th November 1947 to move an armature of a synchronous converter inventried under the reparations program to Tokyo Shibaura Denki in Yokohama for the purpose of repair, and its armature would be returned to the Toa Gosei K. K. in Nagoya by 28th Feb. 1948.

But owing to the postponement of its repair by Tokyo Shibaura Denki, we wish to be authorized delivery date from Tokyo Shibaura Denki be postponed till 10th May 1948.

Toa Gosei Chemical Industry Co., Ltd.

M. Yoshimura.

President Mihomaru Yoshimura

Application

2nd April 1948

TO : Aichi Military Government Team

THRU : The Japanese Liaison Office
Tokai-Hokuriku Region, Nagoya

FROM : Toa Gosei Chemical Industry Co., Ltd.
17-23 Showa-cho, Minato-ku, Nagoya

Subject : Application for permission to be postponed the term of movement of machinery

We were authorized by your Government in 18th November 1947 to move an armature of a synchronous converter inventried under the reparations program to Tokyo Shibaura Denki in Yokohama for the purpose of repair, and its armature would be returned to the Toa Gosei K. K. in Nagoya by 28th Feb. 1948.

But owing to the postponement of its repair by Tokyo Shibaura Denki, we wish to be authorized delivery date from Tokyo Shibaura Denki be postponed till 10th May 1948.

Toa Gosei Chemical Industry Co., Ltd.

M. Yoshimura.

President : Mitsumaru Yoshimura

File Copy

HEADQUARTERS
AICHI MILITARY GOVERNMENT TEAM
APO 710 (Nagoya, Honshu)

18 November 1947

SUBJECT: Movement of Machinery

THRU: The Japanese Liaison Office
Tokai-Hokuriku Region, Nagoya

TO: Toa Gosei Chemical Industry Co., Ltd.
#17-23 Showa-cho, Minato-ku, Nagoya

1. You are hereby authorized to move an armature of a synchronous converter inventoried under the reparations program to Tokyo Shibaura Denki in Yokohama for the purpose of repair.

2. This armature will be returned to the Toa Gosei K.K., in Nagoya by 28 February 1948.

3. Proper custody and maintenance of this part will be the responsibility of the Toa Gosei K.K., during the entire movement.

FOR THE COMMANDING OFFICER:

FRANK L. BOCK
Maj INF
Executive Officer

17th Nov., 1947.

TO : Aichi Military Government Team.

FROM : Toa Gosei Chemical Industry Co., Ltd.
No.17-23 Showa-cho, Minato-ku, Nagoya.

SUBJECT : Application for permission to remove Equipment.

Detail :

1. Item : An armature of Synchronous Converter.
2. Inventory No. : II.A.5 - 3 (a part)
3. Reason : Repair of Insulating Part.
4. Date shiping : Nov. 20th, 1947.
5. Date return : Feb. 28th, 1948.
6. Destination : Tokyo-Shibaura Denki
Kabushiki Kaisha.
Suehiro-cho, Tsurumi-ku,
Yokohama.

File

HEADQUARTERS
AICHI MILITARY GOVERNMENT TEAM
APO 710 (Nagoya, Honshu)

EFJ/ek

29 July 1947

SUBJECT: Denial for Exemption from Reparations

TO: The Japanese Liaison Office, Tokai-Hokuriku Region, Nagoya

TO: Yen Gosei Chemical Industry Co., Ltd.
Nagoya Branch, #143, Showa-cho,
Minato-ku, Nagoya

1. You are hereby notified that your application for exemption from reparations is denied.

2. Custody and maintenance of all reparations facilities will be continued as per current directives.

FOR THE COMMANDING OFFICER:

ROBERT W. HUTCHESON
Capt CWS
Executive

HEADQUARTERS
AICHI MILITARY GOVERNMENT TEAM
APO 710 U. S. ARMY

13 May 1947

SUBJECT: Application for Exemption from Reparations

TO : Commanding Officer, Tokai-Hokuriku
Military Government Region, APO 710
ATTN: Res, Comm & Ind Section

1. Transmitted herewith in quintuplicate is an application from the CD-5 (01-87) Toa Gosei for exemption from reparations.

2. Under cover of a letter from this headquarters dated 22 November 1946 a similar application from this company was forwarded to higher headquarters and returned from SCAP under date of 10 January 1947 with reasons for denying the application.

3. Inasmuch as the present application contains no new information this headquarters originally saw no reason for forwarding it in view of the previous categorical denial, but upon verbal instructions from higher headquarters now forwards this application for information with no change in the previous recommendation.

FOR THE COMMANDING OFFICER:

Robert W. Hutcheson
ROBERT W. HUTCHESON
Capt CMP
Adjutant

1 Incl:
1 Application
(5 copies)

8th ARMY HQ GHQ No. AG 383

978 AMG 176

BASIC: Ltr, Hq Aichi Mil Govt Team, subj: "Application for Exemption from Reparations", dtd 13 May 47

1st Ind GNM/ss

Hq Tokai-Hokuriku Mil Govt Region, APO 710, 15 May 47

TO: CG, I Corps, APO 301
ATTN: Mil Govt Section

1. Your attention is directed to basic communication.

2. Information has not been made available regarding criteria for selection of chemical plants presently designated for reparations. Therefore, this petition is forwarded without recommendations.

B - 17 C

FOR THE COMMANDING OFFICER:

Frank M. Wilkins

FRANK M. WILKINS
Maj FA
Adjutant

1 Incl:
n/c
lcc w/d

NNDS

BASIC: Ltr, Hq Aichi Mil Govt Team, subj: "Application for Exemption from Reparations", dtd 13 May 1947.

AG 004 - BA 2nd Ind EHN/ay

Hq I Corps, APO 301, 19 MAY 1947

5071

TO: CG, Eighth Army, APO 343

1. Reference: letter, Aichi Military Government Team, subject: "Application for Exemption from Reparations from the Mayor of Nagoya", dated 22 November 1946, and indorsement thereto.

2. A previous application of the Toa Gosei K.K., Nagoya Kojo, for removal from the reparation list was denied by the Supreme Commander for the Allied Powers, under date of 10 January 1947, by 4th indorsement to above reference. The present application does not contain additional information that was not considered by the Supreme Commander at the time of denial of the original application. It is the recommendation of this headquarters that request of the Toa Gosei Kagaku K.K. for removal of the Nagoya Kojo be denied.

FOR THE COMMANDING GENERAL:

H. B. Taylor
H. B. TAYLOR
MAJOR, A.G.D.
ASST. ADJ. GEN.

1 Incl:
lcc w/d

Ltr, Hq Aichi Mil Govt Team, subj: "Application for Exemption from Reparations", dated 13 May 1947.

AG 004 (MG-Em) 3rd Ind

26 MAY 1947

Headquarters Eighth Army, APO 343

TO: Supreme Commander for the Allied Powers, APO 500
(ATTN: ESS/IN)

1. Attention is invited to the attached letter from the Tokai-Hokuriku Regional Bureau of Commerce and Industry. This letter and the petition accompanying it present essentially the same information forwarded to Supreme Commander for the Allied Powers, in the Toa Gosei K.K. petition previously disapproved.

2. It is recommended that the present petition of the Toa Gosei K.K., Nagoya Kojo for removal from reparations listings be disapproved.

8

FOR THE COMMANDING GENERAL:

R. SCHAFER
Lt. Col., AGD
Asst. Adjutant General.

BASIC: Ltr, Hq Aichi Mil Govt Team, subj: "Application for Exemption from Reparations", dtd 13 May 47.

AG 004 - BA 6th Ind EHN/at

Hq I Corps, APO 301, 17 JUL 1947

TO: CO, Tokai-Hokuriku Mil Govt Region, APO 710

1. Your attention is directed to 4th indorsement.

2. Request of the Toa Gosei K.K. for exemption of their Nagoya Plant from reparations claim has been denied.

BY COMMAND OF MAJOR GENERAL WOODRUFF:

H. B. Taylor
H. B. TAYLOR
MAJOR, A.G.D.
ASST. ADJ. GEN.

1 Incl:
n/c

7th Ind

Hq Tokai-Hokuriku Mil Govt Region, APO 710, 18 July 1947

TO: CO, Aichi Mil Govt Team, APO 710

Attention is directed to 4th indorsement.

BY ORDER OF COLONEL BURNELL:

Frank M. Wilkins
FRANK M. WILKINS
Maj, FA
Adjutant

1 Incl:
n/c

1069

BASIC: Ltr, Hq Aichi Mil Govt Team, subj: Application for Exemption from Reparations, dtd 13 May 47.

AG 387.6(13 May 47)ESS/IN 4th Ind

GENERAL HEADQUARTERS, SUPREME COMMANDER FOR THE ALLIED POWERS, APO 500, 3 July 1947

TO: Commanding General, Eighth Army, APO 343

782

1. The request to remove the Nagoya Plant of the Toa Gosei Company from reparations listing is not favorably considered.

2. Sufficient capacity for the production of necessary liquid chlorine and caustic soda will remain in Japan after removal of plants now designated for reparations.

BY COMMAND OF GENERAL MacARTHUR:

M. F. NOYES
Lt Col, AGD
Asst Adj Gen

1 Incl
Appl, Toa Gosei Co. (quad)

AG 004 (MG-Em) 5th Ind 10 JUL 1947

Headquarters Eighth Army, APO 343

TO: Commanding General, I Corps, APO 301

Attention is invited to the 4th indorsement from General Headquarters, Supreme Commander for the Allied Powers.

FOR THE COMMANDING GENERAL:

8

R. A. SCHAFER
Lt. Col., AGD
Asst. Adjutant General

HQ. I CORPS
AG 004

1 Incl:
Copy w/d

53801

TOKAI-HOKURIKU REGIONAL BUREAU
OF
COMMERCE & INDUSTRY

Received 9 May 47

15 April 1947

Opinion for Exemption of Toa Gosei, Nagoya Plant from Reparations Program.

1. The subject plant being the only plant in Tokai District for the manufacture of caustic soda and chroline compounded by electrolyses of salt, the supply for Aichi, Shizuoka, Mie, Gifu and Shiga prefectures depend largely on it.

Special mention can be made of the fact that the plant developed along with the developement of porcelain and rayon and other textile industry centering around this area in Japan as is stated in the application. From the standpoint of history and adjustment of local supply as mentioned above, these industries are completely dependent on this plant.

2. This plant produces 25.3% of all of liquid chroline production in Japan, as noted in Table VIII, but due to the designation of caustic soda facilities for reparations, Japan will lose most of liquid chroline facilities. On the other hand chrolic production at this plant has greatly increased, most of which is used for chrolination of water in Kyoto, Osaka, Aichi, Gifu and other prefectures in Kinki and Tokai Districts whose cities are dependent on it for supply.

3. In view of the above circumstances, we request that this plant be left as the sole caustic soda plant (including liquid chroline) in the Tokai District.

S. Takeuchi

SEIHEI TAKEUCHI
The Head of Commercial &
Industrial Department

Incl 1

APPLICATION FOR THE REMOVAL OF SIGNIFIED FACTORY FROM REPARATION LIST

20 March, 1947.

TOA GOSEI CHEMICAL INDUSTRY CO., LTD.

NAGOYA KOGYO-SHO, HIGASHI FACTORY.

Application for the Removal of Signified Factory from Reparation List

A. Firm Name : Toa Gosei Chemical Industry Co., Ltd.

B. Factory Name : Nagoya Kogyo-Sho, Higashi Factory.

C. Location of Company & Factory :

a. Location of Company : No.8, 2-chome, Tamura-cho, Shiba-ku, Tokyo.
b. Location of Factory : No.23-17, Showa-cho, Minato-ku, Nagoya.

D. Object of Factory establishment & history :

Toa Gosei Chemical Industry Company's Higashi Factory was established in 1916 with the object of supplying caustic soda and soda products to the small and middle sized industrial firms in the Tokai District (covering prefectures such as Shizuoka, Aichi, Gifu, Mie, Nagano, and Shiga).
It was in this district that Japan's textile, porcelain and fine arts industries had grown up prosperously.
These industries require a nearby source of chemicals and it is in this way that the development of our company was intimately bound up with the rayon and other textile mills as the ceramic industry characteristic of the Nagoya District.
It will, therefore, be self-evident that the future rehabilitation of those regional industries would be jeopardized by the disappearance or weakening of their source of chemicals.

The company was established in 1916 under the name of Tokai Soda Co., Ltd. for the manufacture of caustic soda (by an electrolytic process) and bleaching powder.
In 1918, Showa Soda Co., Ltd. was established for the production of caustic soda by the Ahren Moore Process to meet the growing demand from rayon and other textile mills.

The company constructed a plant of mercury cell type in 1936, to meet the demand from local industries.
After merging with Shikoku Soda Co., Ltd. in 1942 and again with Yahagi Kogyo (manufacturers of ammonium sulphate fertilizer) in 1944, the consolidated company changed its name to Toa Gosei Chemical Industry Co., Ltd..Nagoya Kogyo-Sho, Higashi Factory.

This is the only soda manufacturing plant operating in the Tokai District as shown in the Diagram I attached.

E. Demand & Supply of Products.

The factory produces caustic soda by an electrolysis of salt and various chlorine products such as hydrochloric acid, bleaching powder and liquid chlorine. These products are supplied to industrial circles as shown in attached Table II. III. and IV. They are variously used for manufacturing artificial silk, fertilizer, paper, pulp, dyestuffs, seasonings, soap, organic chlorides and for sterilization of water. Since all products were controlled and distributed during the War by a controlling organization appointed by the Government, a small part of the production may have been used for war purposes.
The attached Table V and Diagram VI which show output since the inception of the company reveals that the factory has been the sole supplier to the industrial in the Tokai District for years. The plant also manufactures ammonium sulphate fertilizer (indispensable for rice and wheet growing), for which production 45 tons of self-produced caustic soda is used per month. Moreover, the factory supplies 30 tons of caustic soda to the Yokkaichi Factory of Japan Fertilizer Co., Ltd. every month.

In case this factory is removed as a subject of reparations, the entire soda using industries and ammonium sulphate manufacturers in the Tokai District will suffer a fatal blow. The machinery and equipment suffered considerably in the earthquake of 1944. Thanks to the desperate efforts the company made since the restoration of peace, the plant has recently been repaired. Chemical experts will have no difficulty to understand that these repaired machine there although operated efficiently at present, will be reduced to a junk pile if they are torn down and removed, especially its compound chlorine acid plant made with quartz.

F. Machinery and Equipment.

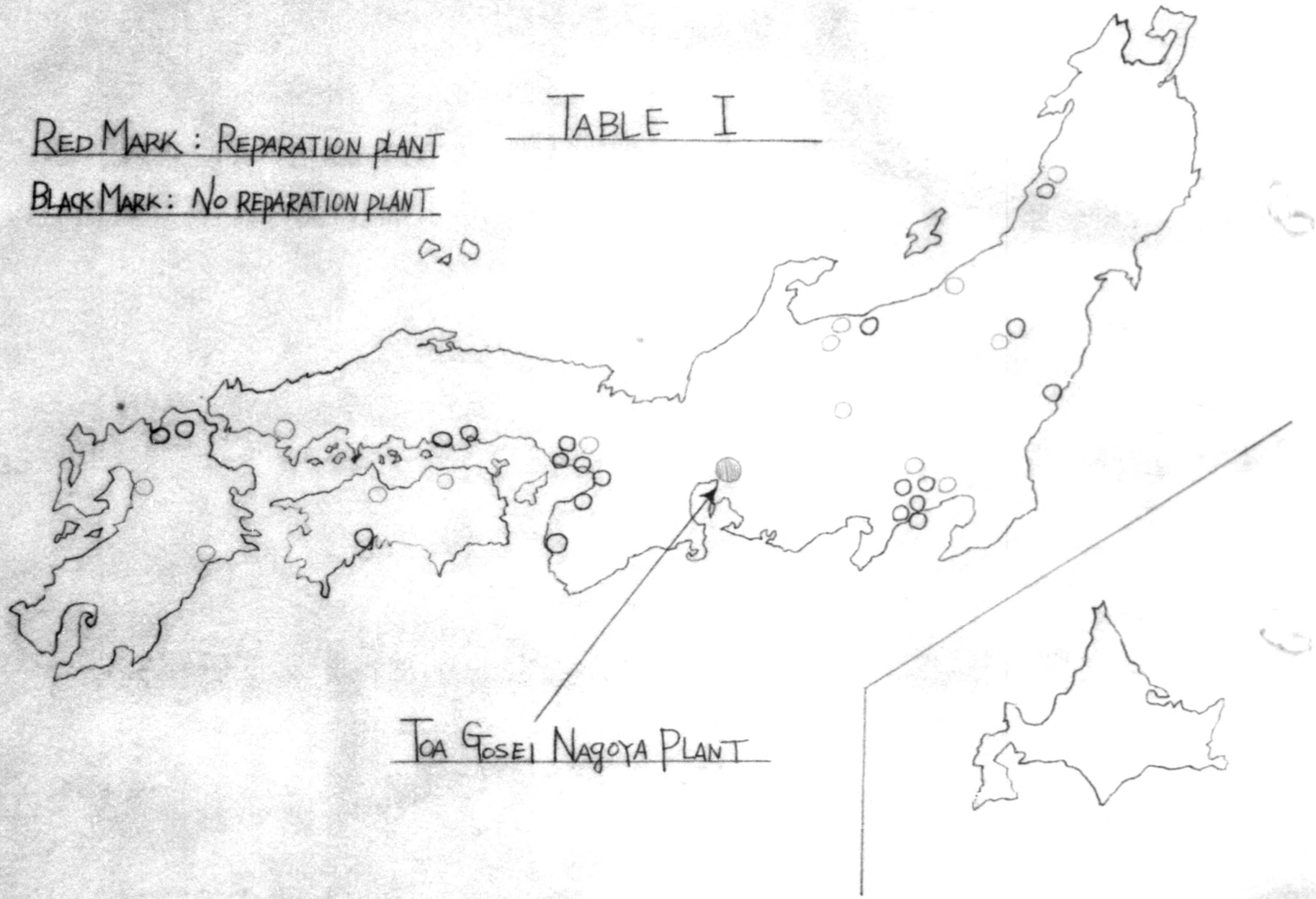
Machinery and equipment are listed in Table VII. It should be emphasized that these machines were set up during the period between 1929 to 1938 and were thus evidently intended for peacetime production. There has been no augmentation of machinery during the War and therefore no contribution to the Wareffort by the company except that imposed by the government. As mentioned above, the production earmarked for war purposes was actually limited in scale.

For reference, we attach Table VIII which indicates the monthly production capacity of Japan, the plant's monthly capacity and percentage to total production.

TABLE I

RED MARK : REPARATION PLANT

BLACK MARK : NO REPARATION PLANT



Products, Output and Principal Use at the
Nagoya Kogyo-Sho, Higashi Factory.

Table II

From 1930 to 1941

(Unit in ton)

Products	Output	Uses & Percentage	
Caustic Soda	80,327	Rayon	50 %
		Paper & Pulp	15 %
		Fertilizer	15 %
		Dyestuff	5 %
		Metric Soda	5 %
		Almina	10 %
Bleaching Powder	63,144	Pulp	65 %
		Fibre	30 %
		Other	5 %
Hydrochloric Acid	88,446	Seasoning	70 %
		Dyestuff	20 %
		Other	10 %
Liquid Chlorine	15,150	Organic Chloride	30 %
		Fibre	30 %
		Pulp	30 %
		Other	10 %

Table III

From 1942 to 1945

(Unit in ton)

Products	Output	Uses & Percentage	
Caustic Soda	15,881	Pulp	40 %
		Paper	30 %
		Metric Soda	10 %
		Almina	20 %
Bleaching Powder	•7,358	Sterilization	40 %
		Fibre	30 %
		Pulp	30 %
Hydrochloric Acid	14,398	Seasoning	70 %
		Plating	20 %
		Other	10 %
Liquid Chlorine	6,440	Fibre	30 %
		Pulp	30 %
		Sterilization	30 %
		Other	10 %

TABLE IV

At the present stage (From August 1945 to July 1946)

Products	Annual Outputs	Uses & Percentages	
Caustic Soda (Diaphragm Process)	0		
Caustic Soda (Mercury cell Process)	565 tons	Staple Fibre	60 %
		Soap	10 %
		Fertilizer	10 %
		Refining of Grease	20 %
Bleaching Powder	128 tons	Pulp	30 %
		Bleaching	30 %
		Bleaching of Fibres	40 %
Hydrochloric Acid	574 tons	Seasoning	70 %
		Plating	20 %
		Glues	10 %
Liquid Chlorine	133 tons	Sterilization	70 %
		Organic Chlorines	20 %
		Medicines	10 %
Peroxide Iron	38 tons	Purifycation of Carbide	40 %
		Alum enamelling	60 %
Calcium Chloride	23 tons	Sea Weeds	100 %
Compressed Acetylene Gas	9,516 tons	Plating of Metal	50 %
		Manufacturing of Pot & Kettle	50 %

Table V

Annual Production

(Unit in ton)

Year	Products: Caustic Soda	Bleaching Powder	synthetic ~~Organic~~ Hydrochloric Acid	Liquid Chlorine
1930	1,125	2,830	--	--
1931	1,807	2,839	1,507	--
1932	3,210	3,942	3,952	--
1933	5,121	5,386	6,473	218
1934	6,195	5,616	7,362	796
1935	6,460	5,144	6,406	1,272
1936	6,728	5,485	10,349	1,030
1937	10,698	7,855	14,250	1,347
1938	8,552	6,474	12,251	1,762
1939	10,667	6,791	9,828	2,806
1940	10,187	5,515	8,942	2,770
1941	9,577	5,273	7,127	3,149
1942	6,476	3,452	4,736	2,492
1943	4,820	2,942	4,588	2,145
1944	4,229	964	4,717	1,715
1945	356	0	357	88
Total	86,208	70,502	102,844	21,590

TABLE VI

FROM 1930 TO 1945

— CAUSTIC SODA

— HYDROCHLORIC ACID

---- BLEACHING POWDER

----- LIQUID CHLORINE

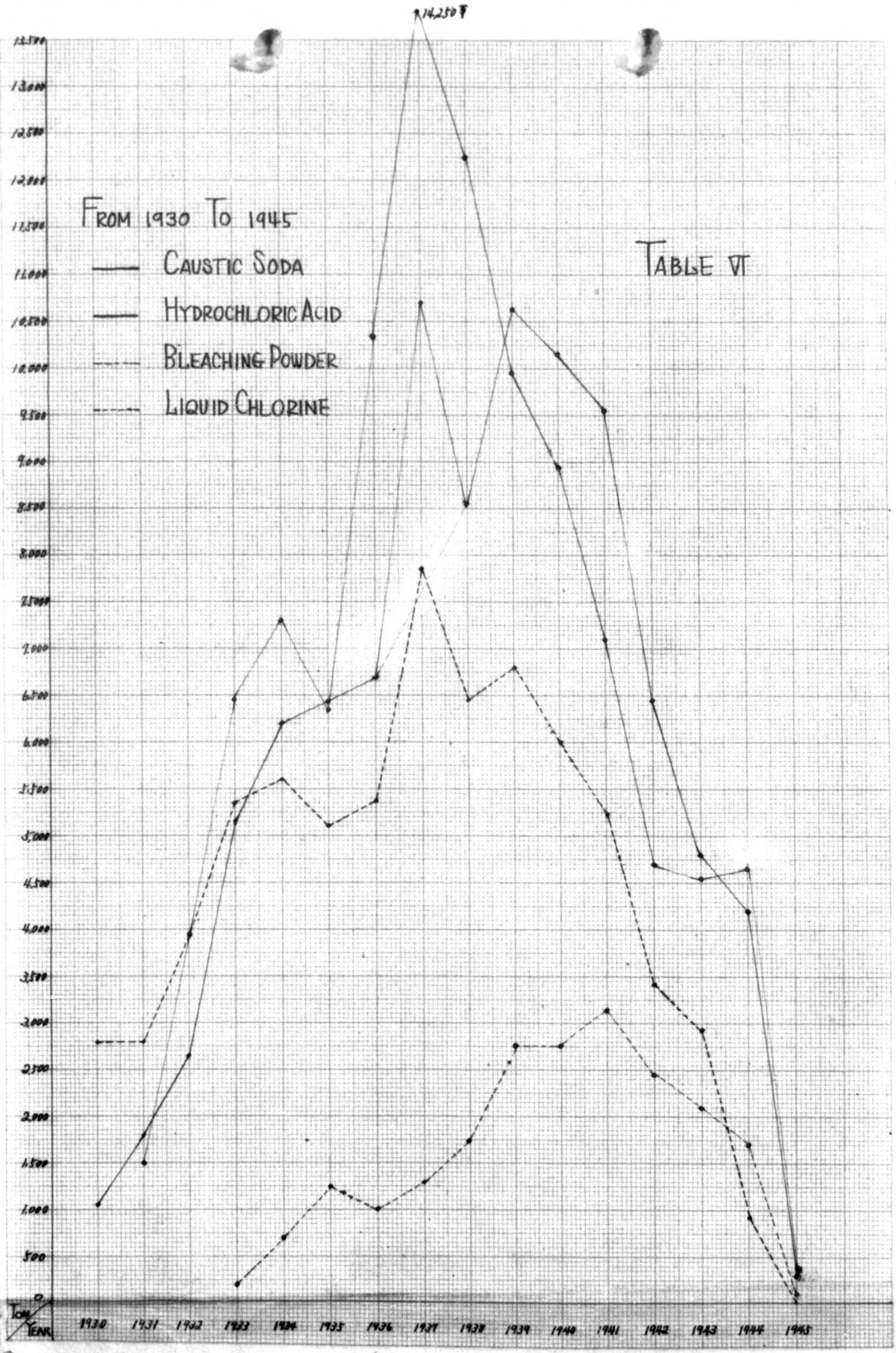


Table VII

LIST OF PLANT EQUIPMENT

I. Electrolytic Dissociation Equipment.

(A) Mercury Cell Type

	Name of Equipment	Type & Capacity	Manufacturer	Number of Unit	Year of Setting
1)	Synchronous Converter	D.C. 1800 K.W. 6000A/300V	Shibaura	2 sets	1936
2)	Electrolytic Cell	Mercury Cell Type (Krebs) 6000A/4.5V	Home made	68 sets	1936
3)	Vacuum Evaporator	Castner natural circulation type	Tanaka Kikai	2 sets	1936
4)	Boiler	Takuma ML-290 165 tons/day	Kisha K.K.	1 set	1936
5)	Dissolving Tank of Crude Salt	50 m^3	Home made	2 sets	1936
6)	Precipitation Tank	240 m^3	Home made	12 sets	1936
7)	Neutralization Tank	240 m^3	Home made	2 sets	1936

Above equipment is absolutely necessary for running this plant.

(B) Diaphragm Type

	Name of Equipment	Type & Capacity	Manufacturer	Number of Unit	Year of Setting
1)	Synchronous Convertor	D.C. 1800 K.W. 6000A/300V	Shibaura	1 set	1938
2)	Electrolytic Cell	Allen-Moor A-type 1500A/3.8V	Home made	384 sets	128s 1929 128" 1931 128" 1932
3)	Vacuum Evaporater	Vertical Calandria (Double Effect) 45 m^3/day	Tanaka Kikai	9 sets	2s 1929 3" 1931 4" 1938
4)	Boiler	Lancashier 84 tons/day	Chuo Tekko	1 set	1929
		Takuma ML-290 165 tons/day	Kisha K.K.	1 set	1938
		Takuma ML-240 120 tons/day	"	1 set	1931
5)	Fusion Pot	9,400 litres	Kubota Tekko-Sho	18 sets	6s 1929 12" 1936
6)	Dissolving Tank of Crude Salt	25 m^3	Home made	2 sets	1929
7)	Precipitation Tank of Salt	50 - 80 m^3	"	14 sets	1931
8)	Neutralization Tank of Salt	45 m^3	"	2 sets	1929

II. Other Equipment

Name of Equipment	Type & Capacity	Manufacturer	Number of Unit	Year of Setting
1) Bleaching Powder Apparatus	Floor type with line scattering machine floor area 232 m² per chamber	Home made	8 sets	1930
2) Liquid Chlorine Apparatus				
Compressor	with 75 HP motor	Sanyo Tekko	3 sets	1938
Cooling Apparatus	with Ammonia Booster	"	3 sets	1938
Nash Pump	3"	Home made	3 sets	1938
Storage Tank	Total Volume 39.1 m³	"	7 sets	1938
3) Hydrochloric Acid Apparatus	Made of Silica 3 tons per set	Home made	8 sets	4s 1933 4" 1936

At least half of the above each equipment is absolutely necessary for running the plant.

N.B. The year of manufacturing of the machinery plant cannot be ascertained with any degree of accuracy but may be taken as one or two years prior to the year of setting.

Table VIII

Total Production Capacity of Japan, the plant's Capacity and its percentage. (monthly production)

Products	Total Production Capacity in Japan	The plant's Capacity	Percentage
Caustic Soda			
(Solid)	403,766	59,700	14.7 %
(Liquid)	1,229,561	14,584	1.1 %
Total	1,633,327	74,284	4.5 %
Liquid Chlorine	183,220	46,400	25.3 %
Bleaching Powder	655,685	20,720	3.1 %
Hydrochloric Acid	1,374,242	110,693	8.0 %

Remarks : As of April, 1946.

The plant's production capacity of liquid chlorine is 25.3 per cent of the total production capacity of Japan. About 70 per cent of this product is used for sterilization of water and remaining 30 per cent for mamufacturing paper and medicine.

G. Present products and Future plan.

(a) Production of February, 1947.

Products	Quantity in Kilogram
Caustic Soda (97 % solid)	107,000
Hydrochloric Acid (35 %)	147,000
Liquid Chlorine	60,000
Bleaching Powder	4,000

(b) Future production (plan)

Products	Monthly production in Kiloton	Use
Caustic Soda (solid)	80	
Caustic Soda (liquid)	640	
Hydrochloric Acid	400	
Bleaching Powder	100	
Liquid Chlorine	200	
Trichlorethylene	150	Solvent & dry cleaning
Ammonium Chloride	150	Dry cell battery
Chlor-sulphonic Acid	150	Sweetening
Self-supply Salt	30	

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OUTLINE OF PLANT

14 Sep., 1947.

Name of Plant : Eastern Plant of Nagoya Kogyo-sho,
Toa Gosei Chemical Industry Co., Ltd.

Address : No.17-25 Showa-cho, Minato-ku, Nagoya.

This is the only supply source of caustic soda and chlorine derivatives for Tokai Districts. - Aichi, Shizuoka, Gifu, Mie Prefecture. -

This plant was established as early as in 1928 and never specialized for the war purpose but is genuinely peace time industry.

All the products of this plant are very important and indispensable for manufacturing foodstuffs, chemicals for public health, clothings and other necessaries for civilian life.
If the operation of this plant be stopped, many factories in Tokai Districts that depend on the supply their operation too.
This would result in affecting to a great degree supply of the above necessaries to the people.

Detailed informations of this plant are as follows;

(1) History of Plant:

April 1916 : established and named as Tokai Soda Kabushiki Kaisha with capital ¥ 1,250,000.00

This plant located at Tsukiji-cho, Minato-ku, (one and half miles north west from here).

President : K. Fukuzawa.

December 1926 : Tokai Soda established new plant at the present area and named as Showa Soda Kabushiki Kaisha with capital Y 1,500,000.00

President : K. Fukuzawa.

August 1938 : doubled the capital to Y 3,000,000.00

July 1942 : amalgamated Shikoku Soda Kabushiki Kaisha (in Shikoku) and Tsurumi Soda Kabushiki Kai-sha (in Tsurumi). These two plants had been established by Showa Soda K.K..

President : K. Fukuzawa.

July 1944 : amalgamated to Yahagi Kogyo Kabushiki Kaisha (now we say " Western Plant of Nagoya Kogyo-sho ") with Hokkai Soda K.K. and Nayon Soda K.K. (both in Toyama Pref.) and changed the name to the present one.

President : K. Hashimoto.

(2) Installation of Principal Equipment:

Year built	Name of Equip.	Designed Capacity	No. of Equip.	Remarks
1928	Allen-Moore A-Type Diaphragm Cell	1,500 amps.	128 cells	
1929	do	do	128 cells	
1930	do	do	128 cells	
1936	Creba Mercury Cell	6,000 amps.	66 cells	
1940	Allen-Moore K.L.M.-Type Diaphragm Cell	1,500 amps.	360 cells	All of these cells were removed to Takaoka in 1945.

(3) Capacity of Plant at present and after repaired:

Capacity : monthly Unit : Metric Tons

Name of Equip.	Product.	nominal capacity	present operable capacity	maximum repaired capacity
Mercury Cell	Caustic Soda	360 (98%)	310	360
Diaphragm Cell	Caustic Soda	540 (95%)	-	540
Liquid Chlorine	Liquid Chlorine	200 (99.8%)	100	200
Hydrochloric Acid	Hydrochloric Acid	480 (35%)	320	480
Bleaching Powder	Bleaching Powder	1,200 (35%)	360	720
Sodium Hypochlorite	Sodium Hypochlorite	120 (10%)	-	120

Remarks : Principal materials required for repairing are as follows;

1. Mercury 5 Tons
2. Steel 135 Tons
3. Cement 90 Tons
4. Cupper 3 Tons

(4) Present limiting factors in production:

1. Mercury ; 5 Tons of Mercury are required for safe operation.
2. Coal ; At present 100 - 150 Tons of Coal are delivered monthly, but we want to get 100 - 150 Tons more.
3. Cement ; 15 Tons of Cement are used for repairing the cell troughs and others, but we are not allotted.
4. Others ; miscellaneous sub-materials, such as rubber, asbestos and paint, are very difficult to get. Lack of these goods hinders smooth operation very much.

(5) List of Products which can be made with present equipment:

Name of Products	purity	designed capacity monthly
Caustic Soda	95 - 98 %	900 Tons
Liquid Chlorine	99.8 %	200 "
Hydrochloric Acid	35 %	480 "
Bleaching Powder	35 "	1,200 "
Sodium Hypochlorite	10 "	120 "
Others : Ferric Chloride Solution	33 "	15 "
* Trichlor Ethylene	99 "	150 "
* Potassium Chlorate	99 "	30 "
Ammonium Chloride	99.9 %	30 "
Dichlor Ethylene	99 %	3 "
* Compressed Acetylene Gas		25 "
Self-supply Salt	85 %	30 "
Chlor Sulphonic Acid	98 "	30 "

Remarks : * These plants are much damaged at present, but we can fully operate after repairing to some extent.

(6) List of production and required materials effected for the period from 1930 to 1947:

Year	Required materials and others			Production (Tons)				
	Raw Salt (Tons)	Coal (Tons)	Electric Power (KWH)	Bleaching Powder	Liquid Chlorine	Hydrochloric Acid	Sodium Hypochlorite	Caustic Soda
1930	-	-	-	2,829	0	-	0	1,125
1931	-	-	-	2,839	0	1,507	0	1,807
1932	-	-	-	3,946	0	3,951	0	3,210

Year	Required materials and others			Production (Tons)				
	Raw Salt (Tons)	Coal (Tons)	Electric Power (KWH)	Bleaching Powder	Liquid Chlorine	Hydro-chloric Acid	Sodium Hypo-chlorite	Caustic Soda
1933	-	-	-	5,379	218	6,473	0	8,120
1934	-	-	-	5,615	796	7,362	0	6,195
1935	-	-	-	5,143	1,272	6,404	0	6,460
1936	-	-	-	5,484	1,029	10,349	0	6,728
1937	20,431	12,675	38,754,260	7,854	1,347	14,250	242	10,898
1938	19,150	14,253	36,444,464	6,473	1,762	12,251	112	8,551
1939	21,486	11,805	42,367,130	6,791	2,806	9,828	201	10,666
1940	20,122	20,678	40,118,920	5,514	2,770	8,941	27	10,187
1941	18,459	19,880	38,032,160	5,273	3,149	7,126	91	9,577
1942	12,586	12,511	26,380,680	3,451	2,492	4,736	217	6,475
1943	11,689	10,051	22,624,567	2,941	2,144	4,586	56	4,820
1944	11,897	9,441	21,417,300	764	1,714	4,711	119	4,228
1945	1,460	1,086	3,546,400	-	88	357	0	356
1946	2,393	681	15,801,500	277	257	1,429	22	1,172
1947								
Jan.	111	0	563,500	10	10	35	0	43
Feb.	405	3	125,820	4	60	147	0	107
March	292	80	1,018,500	25	36	166	0	214
Apr.	395	100	1,221,600	38	51	285	0	231
May	396	56	1,342,190	62	63	197	0	279
June	342	136	955,800	77	18	125	0	233
July	159	53	698,000	70	26	80	0	148
Aug.	189	85	584,900	66	14	48	0	45

(7) List of main production and it's capacity effected for the period from 1930 to 1947:

Year	Actual production of Caustic Soda	Capacity for production	Percent capacity realized	Remarks
1930	1,125 Tons	4,500 Tons/Year	25.0 %	Allen-Moore A-Type Diaphragm Cell 1,500 A. x 128 cells x 2 sets
1931	1,807 "	6,740 "	26.8 "	Allen-Moore A-Type Diaphragm Cell 1,500 A. x 128 cells increased
1932	3,210 "	do "	47.6 "	
1933	5,120 "	do "	76.0 "	
1934	6,195 "	do "	91.8 "	
1935	6,460 "	do "	95.8 "	
1936	6,728 "	8,340 "	80.7 "	Crebs Mercury Cell 6,000 A. x 68 cells increased
1937	10,698 "	11,520 "	94.7 "	
1938	8,551 "	do "	74.2 "	
1939	10,666 "	do "	92.5 "	
1940	10,187 "	do "	88.4 "	
1941	9,577 "	17,840 "	53.6 "	Allen-Moore K.L.M. Diaphragm Cell 1,500 A. x 360 cells increased
1942	6,475 "	do "	36.3 "	
1943	4,820 "	do "	27.0 "	
1944	4,228 "	do "	25.7 "	
1945	355 "	11,520 "	3.1 "	Allen-Moore K.L.M. Diaphragm Cell 1,500 A. x 360 cells decreased
1946	1,172 "	do "	10.2 "	
1947	1,304 "	do "	17.0 "	From Jan. to Aug.

Remarks : Peak production (the greatest production since the plant started operation)

98 % Caustic Soda 391 Tons
95 % Caustic Soda 349 Tons

These data are those in Aug. 1938 which show 97.9 %.

(8) List of Principal Equipment:

	Name of Equipment	Type and Capacity	No. of Equipment
1.	Synchronous Converter	D.C. 1,800 KW 6,000 A./ 300 V.	3
2.	Electrolytic cell	Mercury Type 6,000 A./ 4.5 V.	68
	do	Diaphragm Type 1,200 A./ 3.8 V.	384
3.	Vacuum Evaporator	Castner Natural Circulation Type Heating Surface 55.8 m^2	2
	do	Castner Natural Circulation Type Heating Surface 74.3 m^2	4
	do	Vertical Calandria Heating Surface 93 m^2	8
4.	Boiler	Lancashire Heating Surface 90 m^2 Evaporating Capacity 64 Tons/day	1
	do	Water Tubular Takuma ML-240 Heating Surface 143.6 m^2 Evaporating Capacity 120 Tons/day	1
	do	Water Tubular Takuma ML-290 Heating Surface 178.4 m^2 Evaporating Capacity 165 Tons/day	2
5.	Fusion Pot	Volume 8,800 lits.	15
	do	Volume 7,000 lits.	5

	Name of Equipment	Type and Capacity	No. of Equipment
6.	Liquid Chlorine Apparatus	Capacity 3.5 Tons/day	3
7.	Hydrochloric Acid Apparatus	Capacity 3 Tons/day	6
8.	Bleaching Powder Chamber	Floor Area 232 m^2 Capacity 5 Tons/day	8

(9) Memo.:

4月8日 柏木事務官 再び手続きさる

INVENTORY FROM FOR CAUSTIC SODA PLANTS

Date 26th. March, 1947.

Name of Company Toa Gosei Chem. Ind. Co.,Ltd. Related SCAPIN 1129

Name of Plant East Plant, Nagoya Kogyosho. Code ______

Address of Plant No. 143 Shoma-cho, Minato-ku, Nagoya.

Number Marked

1. Chemical Manufacturing ~~626~~ 216

A. Equipment ~~626~~ 216

1. Electric cells ~~452~~ 210
2. Evaporators for caustic ~~11~~ 7
3. All other equipment used for manufacturing caustic soda (except that listed below) ~~163~~ 39

II. Electrical Machinery and Apparatus ~~179~~ 39

A. Electrical Rotating Equipment ~~74~~ 7

1. Generators none
2. Motors ~~71~~ 4
3. Motor generators none
4. Frequency changers none
5. Converters and inverters 3
6. Generator set (direct coupled to prime mover) none

B. Primary Electric Power Transmission and Distribution ~~105~~ 32

1. Transformers ~~[illegible]~~ 17
2. Switches ~~[illegible]~~ 15

Incl 1

INVENTORY FORM FOR CAUSTIC SODA PLANTS

Date 26th. March, 1947.

Name of Company Toa Gosei Chem. Ind. Co.,Ltd. Related SCAPIN 1129

Name of Plant East Plant, Nagoya Kogyosho. Code _____

Address of Plant No.143 Showa-cho, Minato-ku, Nagoya.

	Number Marked
III. General Purpose Industrial Machinery and Equipment	62
A. Engines, Turbines and Boilers	4
1. Steam engines	none
2. Steam turbines	none
3. Boilers, power	4
4. Internal combustion engines	none
B. Compressors and Pumps	58
1. Compressors and dry vacuum pumps	8 ~~10~~
2. Pumps	4/~~48~~

INVENTORY FROM FOR CAUSTIC SODA PLANTS

Date 26th. March, 1947.

Name of Company Toa Gosei Chem. Ind. Co.,Ltd. Related SCAPIN 1129

Name of Plant East Plant, Nagoya Kogyosho. Code _____

Address of Plant No. 143 Shoma-cho, Minato-ku, Nagoya.

	Number Marked
I. Chemical Manufacturing	~~626~~ 216
A. Equipment	
1. Electric cells	~~452~~ 210
2. Evaporators for caustic	~~11~~ 7
3. All other equipment used for manufacturing caustic soda (except that listed below)	~~163~~ 39
II. Electrical Machinery and Apparatus	~~179~~ 3.9
A. Electrical Rotating Equipment	~~74~~ 7
1. Generators	none
2. Motors	~~71~~ 4
3. Motor generators	none
4. Frequency changers	none
5. Converters and inverters	3
6. Generator set (direct coupled to prime mover)	none
B. Primary Electric Power Transmission and Distribution	~~105~~ 32
1. Transformers	~~10~~ 17
2. Switches	~~86~~ 15

Incl 1

INVENTORY FORM FOR CAUSTIC SODA PLANTS

Date 26th. March, 1947.

Name of Company Toa Gosei Chem. Ind. Co.,Ltd. Related SCAPIN 1129

Name of Plant East Plant, Nagoya Kogyosho. Code _____

Address of Plant No.143 Showa-cho, Minato-ku, Nagoya.

Number Marked 53

III. General Purpose Industrial Machinery and Equipment ~~62~~

A. Engines, Turbines and Boilers 4

1. Steam engines none
2. Steam turbines none
3. Boilers, power 4
4. Internal combustion engines none

B. Compressors and Pumps ~~58~~ 49

1. Compressors and dry vacuum pumps 8 ~~10~~
2. Pumps 4/~~48~~

Hiratake

INVENTORY FORM FOR CAUSTIC SODA PLANTS

Date 26th. March, 1947.

Name of Company Toa Gosei Chem. Ind. Co.,Ltd. Related SCAPIN 1129

Name of Plant East Plant, Nagoya Kogyosho. Code

Address of Plant No.143 Showa-cho, Minato-ku, Nagoya.

	Number Marked
1. Chemical Manufacturing	~~626~~ 256 6
A. Equipment	~~626~~ 256 6
1. Electrolytic cells	~~462~~ 210
2. Evaporators for caustic	~~11~~ 7
3. All other equipment used for manufacturing caustic soda (except that listed below)	~~162~~ 393
11. Electrical Machinery and Apparatus	~~170~~ 39
A. Electrical Rotating Equipment	~~74~~ 7
1. Generators	none
2. Motors	~~71~~ 4
3. Motor generators	none
4. Frequency changers	none
5. Converters and inverters	3
6. Generator sets (direct coupled to prime mover)	none
B. Primary Electric Power Transmission and Distribution	~~105~~ 32
1. Transformers	~~10~~ 17
2. Switches	~~86~~ 15

Incl 1

INVENTORY FORM FOR CAUSTIC SODA PLANTS

Date 26th. March, 1947.

Name of Company Toa Gosei Chem. Ind. Co.,Ltd. Related SCAPIN 1129

Name of Plant East Plant, Nagoya Kogyosho. Code

Address of Plant No.143 Showa-cho, Minato-ku, Nagoya.

	Number Marked
111. General Purpose Industrial Machinery and Equipment	6 53 52
A. Engines, Turbines and Boilers	4
1. Steam engines	none
2. Steam turbines	none
3. Boilers, power	4
4. Internal combustion engines	none
B. Compressors and Pumps	5 49 48
1. Compressors and dry vacuum pumps	8 ~~10~~
2. Pumps	4 41 ~~10~~

INVENTORY FORM FOR CAUSTIC SODA PLANTS

Date 8th. April, 1947.

Name of Company Toa Gosei Chem. Ind. Co.,Ltd. Related SCAPIN #1129

Name of Plant East Plant, Nagoya Kogyosho. Code

Address of Plant No.17-23 Showa-cho, Minato-ku, Nagoya.

	Number Marked	
I. Chemical Manufacturing		257
A. Equipment		257
1. Electrolytic cells	✓ 210	
2. Evaporators for caustic	✓ 7	
3. All other equipment used for manufacturing caustic soda (except that listed below)	✓ ~~39~~ — fusion pot 2 + Converter — 12	
II. Electrical Machinery and Apparatus		41
A. Electrical Rotating Equipment		7
1. Generators	none	
2. Motors	4	
3. Motor generators	none	
4. Frequency changers	none	
5. Converters and inverters	3	
6. Generator sets (direct coupled to prime mover)	none	
B. Primary Electric Power Transmission and Distribution		34
1. Transformers	~~29~~ 17	
2. Switches	~~39~~ 15	

Incl 1

INVENTORY FORM FOR CAUSTIC SODA PLANTS

Date 8th. April, 1947.

Name of Company Toa Gosei Chem. Ind. Co.,Ltd. Related SCAPIN #1129

Name of Plant East Plant, Nagoya Kogyosho. Code

Address of Plant No.17-23 Showa-cho, Minato-ku, Nagoya.

	Number Marked
III. General Purpose Industrial Machinery and Equipment	53
A. Engines, Turbines and Boilers	4
1. Steam engines	none
2. Steam turbines	none
3. Boilers, power	✓ 4
4. Internal combustion engines	none
B. Compressors and Pumps	49
1. Compressors and dry vacuum pumps	✓ 8
2. Pumps	~~✓~~ ✓41

INVENTORY FORM FOR CAUSTIC SODA PLANTS

Date 8th. April, 1947.

Name of Company Toa Gosei Chem. Ind. Co.,Ltd. Related SCAPIN # 1129

Name of Plant East Plant, Nagoya Kogyosho. Code _____

Address of Plant No.17-23 Showa-cho, Minato-ku, Nagoya.

	Number Marked	
1. Chemical Manufacturing		257
A. Equipment		257
1. Electrolytic cells	210	68
2. Evaporators for caustic	7	5
3. All other equipment used for manufacturing caustic soda (except that listed below)	40	40
11. Electrical Machinery and Apparatus		41
A. Electrical Rotating Equipment		7
1. Generators	none	
2. Motors	4	4
3. Motor generators	none	
4. Frequency changers	none	
5. Converters and inverters	3	2
6. Generator sets (direct coupled to prime mover)	none	1 1 9
B. Primary Electric Power Transmission and Distribution		34
1. Transformers	19	
2. Switches	15	

Incl 1

INVENTORY FORM FOR CAUSTIC SODA PLANTS

Date 8th. April, 1947.

Name of Company Toa Gosei Chem. Ind. Co.,Ltd. Related SCAPIN # 1129

Name of Plant East Plant, Nagoya Kogyosho. Code _____

Address of Plant No.17-23 Showa-cho, Minato-ku, Nagoya.

	Number Marked
111. General Purpose Industrial Machinery and Equipment	53
A. Engines, Turbines and Boilers	4
1. Steam engines	none
2. Steam turbines	none
3. Boilers, power	4
4. Internal combustion engines	none
B. Compressors and Pumps	49
1. Compressors and dry vacuum pumps	7
2. Pumps	42

INVENTORY FORM FOR CAUSTIC SODA PLANTS

Date 8th. April, 1947.

Name of Company Toa Gosei Chem. Ind. Co.,Ltd. Related SCAPIN 1129

Name of Plant East Plant, Nagoya Kogyosho. Code

Address of Plant No.17-23 Showa-cho, Minato-ku, Nagoya.

	Number Marked
1. Chemical Manufacturing	300
A. Equipment	300
1. Electrolytic cells	210
2. Evaporators for caustic	7
3. All other equipment used for manufacturing caustic soda (except that listed below)	(40)83
11. Electrical Machinery and Apparatus	(41)48
A. Electrical Rotating Equipment	(7)8
1. Generators	none
2. Motors	(4)5
3. Motor generators	none
4. Frequency changers	none
5. Converters and inverters	3
6. Generator sets (direct coupled to prime mover)	none
B. Primary Electric Power Transmission and Distribution	(34)40
1. Transformers	(10)17
2. Switches	15

Incl 1

INVENTORY FORM FOR CAUSTIC SODA PLANTS

Date 8th. April, 1947.

Name of Company Toa Gosei Chem. Ind. Co.,Ltd. Related SCAPIN 1129

Name of Plant East Plant, Nagoya Kogyosho. Code ______

Address of Plant No.17-23 Showa-cho, Minato-ku, Nagoya.

		Number Marked
111.	General Purpose Industrial Machinery and Equipment	(53) 84
A.	Engines, Turbines and Boilers	4
1.	Steam engines	none
2.	Steam turbines	none
3.	Boilers, power	4
4.	Internal combustion engines	none
B.	Compressors and Pumps	80
1.	Compressors and dry vacuum pumps	(8) 16
2.	Pumps	(41) 64

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部ニ追加提出セリ。
（柏木氏 27/V ニ来場打合セノ上ニテナリ）

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INVENTORY FORM FOR CAUSTIC SODA PLANTS

Date 26th. March, 1947.

Name of Company Toa Gosei Chem. Ind. Co. Ltd. Related SCAPIN # 1129

Name of Plant East Plant, Nagoya-Kogyosho Code # ____

Address of Plant No. 143 Showa-cho, Minato-ku, Nagoya

Number Marked

I. Chemical Manufacturing — 626

A. Equipment — 625

1. Electrolytic cells — 452
2. Evaporators for caustic — 11 — IA1-1
3. All other equipment used for manufacturing caustic soda (except that listed below) — 162

II. Electrical Machinery and Apparatus — 179

A. Electrical Rotating Equipment

1. Generators — none
2. Motors — 71
3. Motor generators — none
4. Frequency changers — none
5. Converters and inverters — 3
6. Generator sets (direct coupled to prime mover) — none

B. Primary Electric Power Transmission and Distribution — 104

Regurator 3 → 1. Transformers — 19

15 → 2. Switches — 85

Incl 1

INVENTORY FORM FOR CAUSTIC SODA PLANTS

Date 26th. March, 1947

Name of Company Toa Gosei chem. Ind Co Related SCAPIN # 1129

Name of Plant East Plant, Nagoya Kogyosho Code #

Address of Plant No. 43 Showa-cho, Minato-ku, Nagoya

Number Marked 62 ~~52~~

III. General Purpose Industrial Machinery and Equipment

A. Engines, Turbines and Boilers 4

1. Steam engines none
2. Steam turbines none
3. Boilers, power 4
4. Internal combustion engines none

B. Compressors and Pumps ~~58~~

1. Compressors and dry vacuum pumps NO
2. Pumps ~~58~~

INVENTORY FROM FOR CAUSTIC SODA PLANTS

Date 26th. March, 1947.

Name of Company Tor Gosei Chem. Ind. Co.,Ltd. Related SCAPIN 1129

Name of Plant East Plant, Nagoya Kogyosho. Code _____

Address of Plant No. 143 Shoma-cho, Minato-ku, Nagoya.

	Number Marked	
1. Chemical Manufacturing		626
A. Equipment		626
1. Electric cells	452	
2. Evaporators for caustic	11	
3. All other equipment used for manufacturing caustic soda (except that listed below)	163	
II. Electrical Machinery and Apparatus		179
A. Electrical Rotating Equipment		74
1. Generators	none	
2. Motors	71	
3. Motor generators	none	
4. Frequency changers	none	
5. Converters and inverters	3	
6. Generator set (direct coupled to prime mover)	none	
B. Primary Electric Power Transmission and Distribution		105
1. Transformers	19	
2. Switches	86	

Incl 1

INVENTORY FORM FOR CAUSTIC SODA PLANTS

Date 26th. March, 1947.

Name of Company Toa Gosei Chem. Ind. Co.,Ltd. Related SCAPIN 1129

Name of Plant East Plant, Nagoya Kogyosho. Code _____

Address of Plant No.143 Showa-cho, Minato-ku, Nagoya.

	Number Marked
III. General Purpose Industrial Machinery and Equipment	62
A. Engines, Turbines and Boilers	4
1. Steam engines	none
2. Steam turbines	none
3. Boilers, power	4
4. Internal combustion engines	none
B. Compressors and Pumps	58
1. Compressors and dry vacuum pumps	10
2. Pumps	48