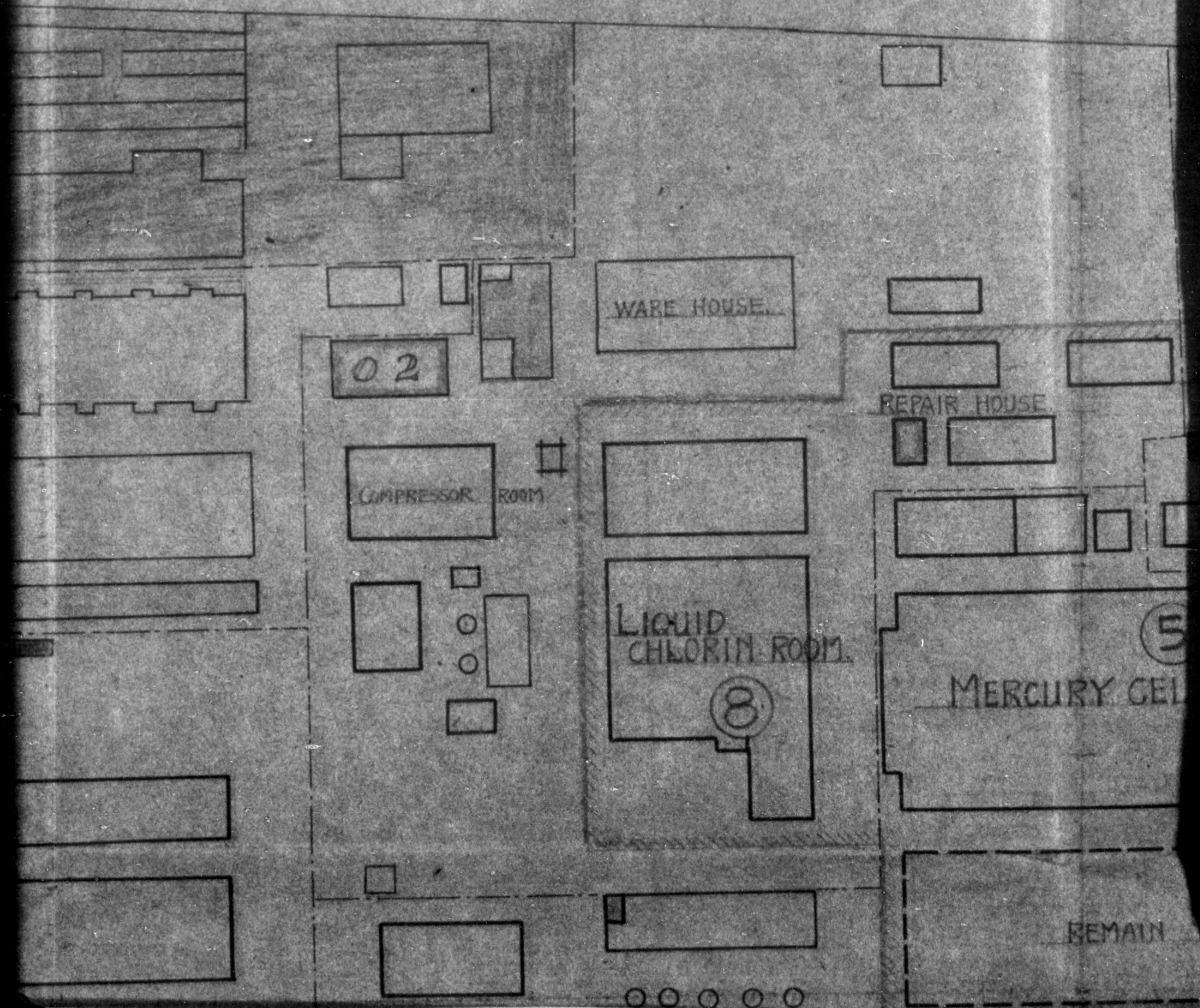


EAST BRANCH TOAGOSEI KAGAKU KOGYO

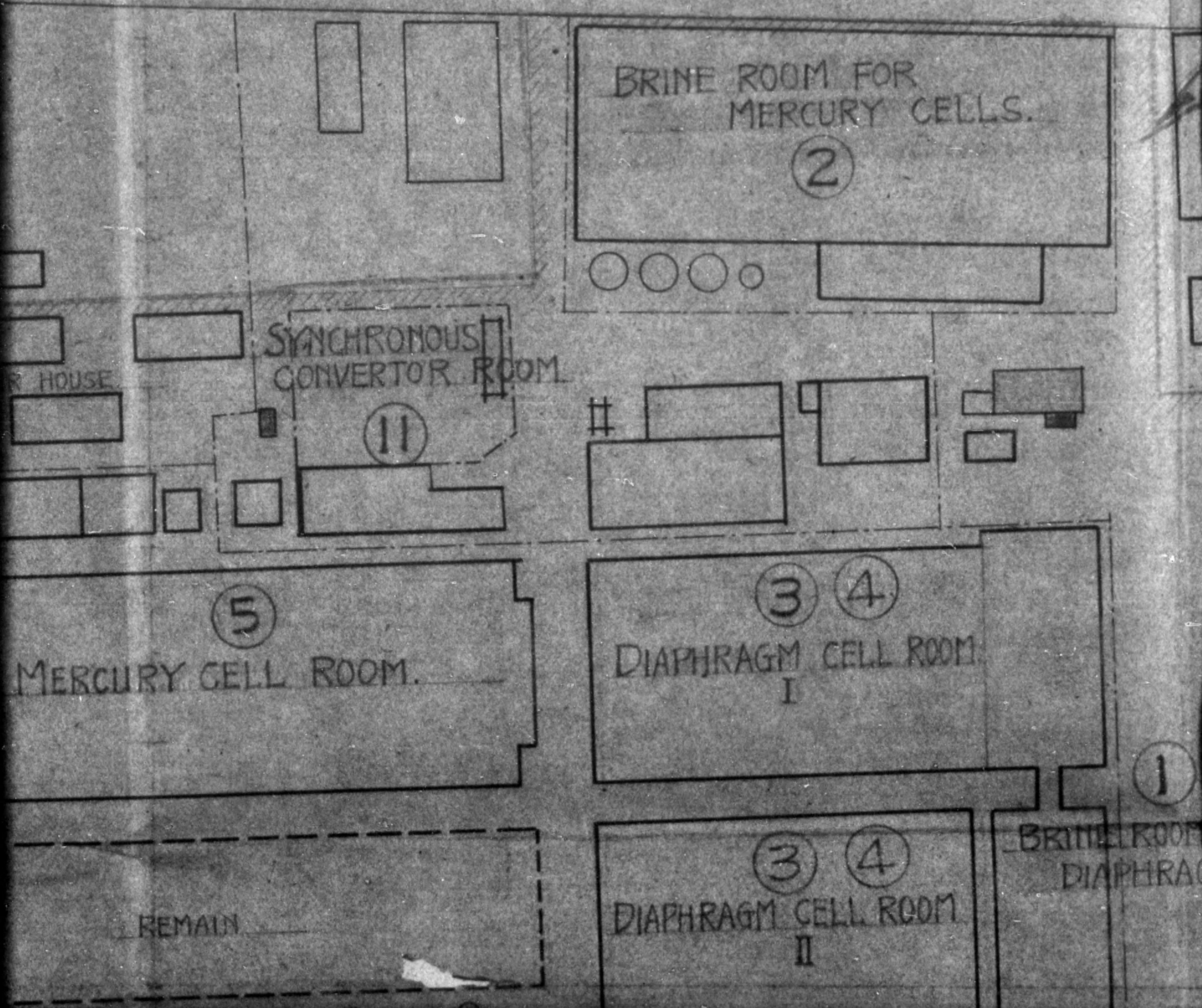
東亞合成 東工場

SCALE 1:1

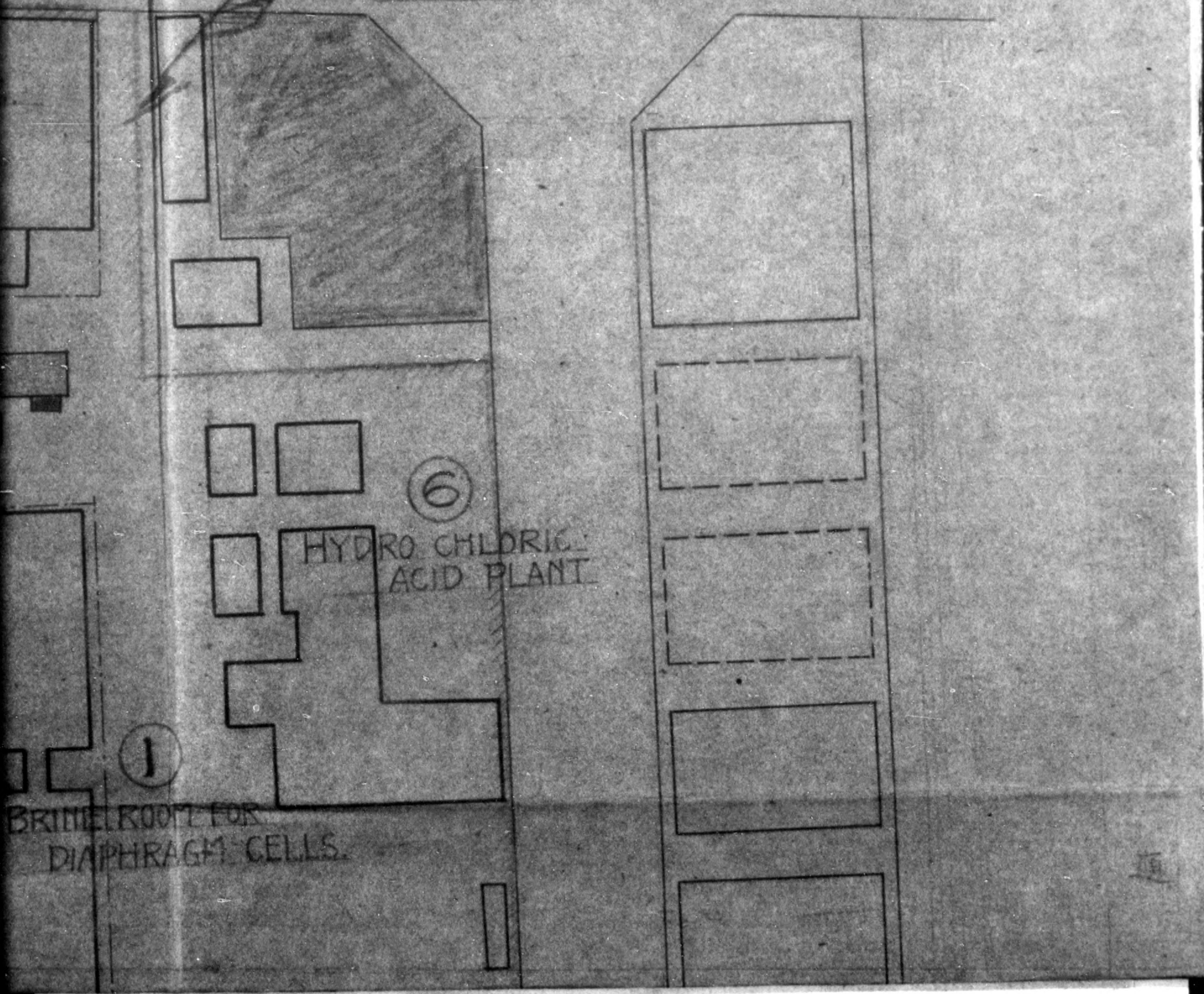


KU KOGYO K.K. NAGOYA KOGYOSHO.

SCALE 1:600



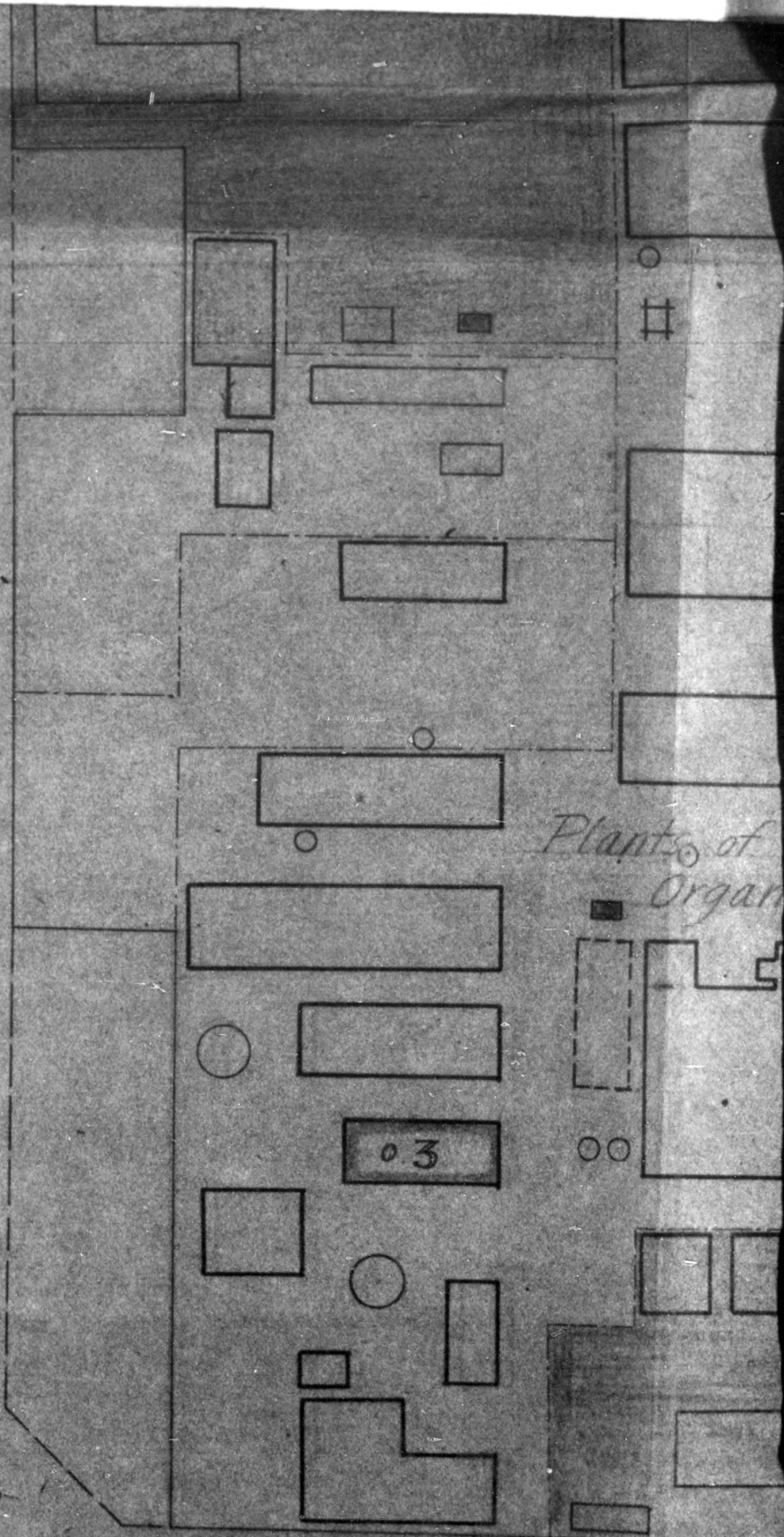
CAUSTIC SODA AND  
CHLORINE PLANTS



⑥  
HYDRO CHLORIC  
ACID PLANT

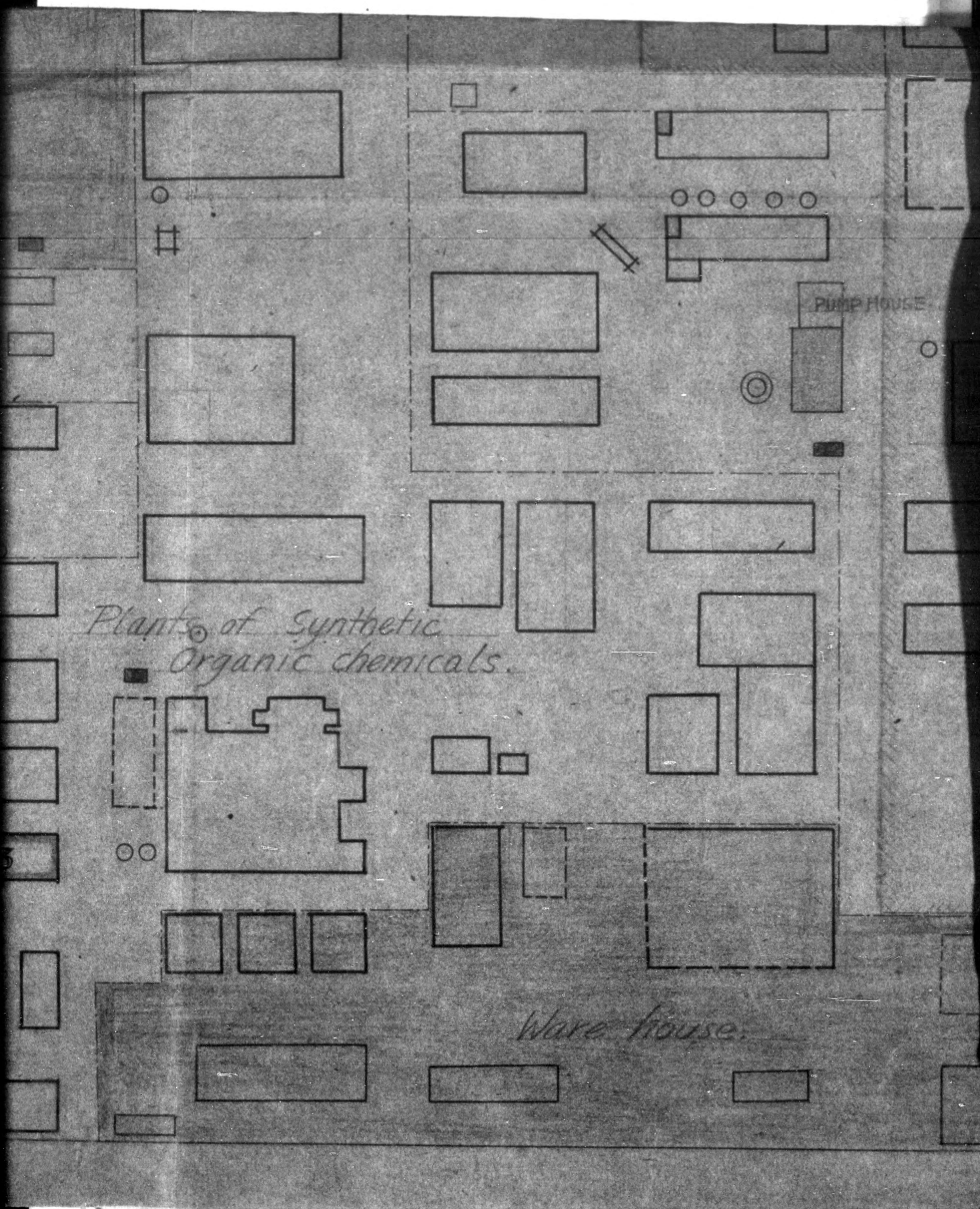
①  
BRINE ROOM FOR  
DIAPHRAGM CELLS.

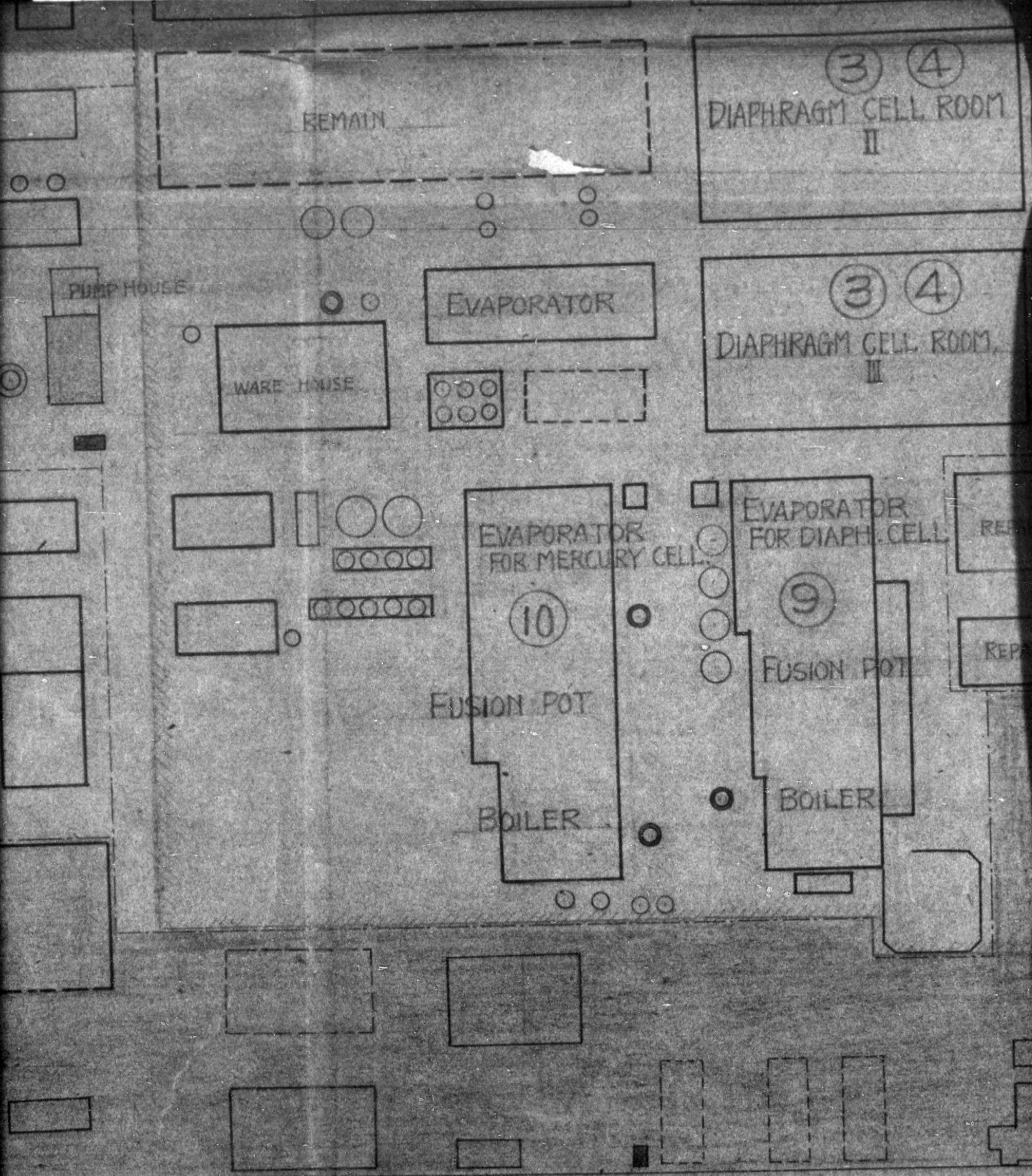
775013

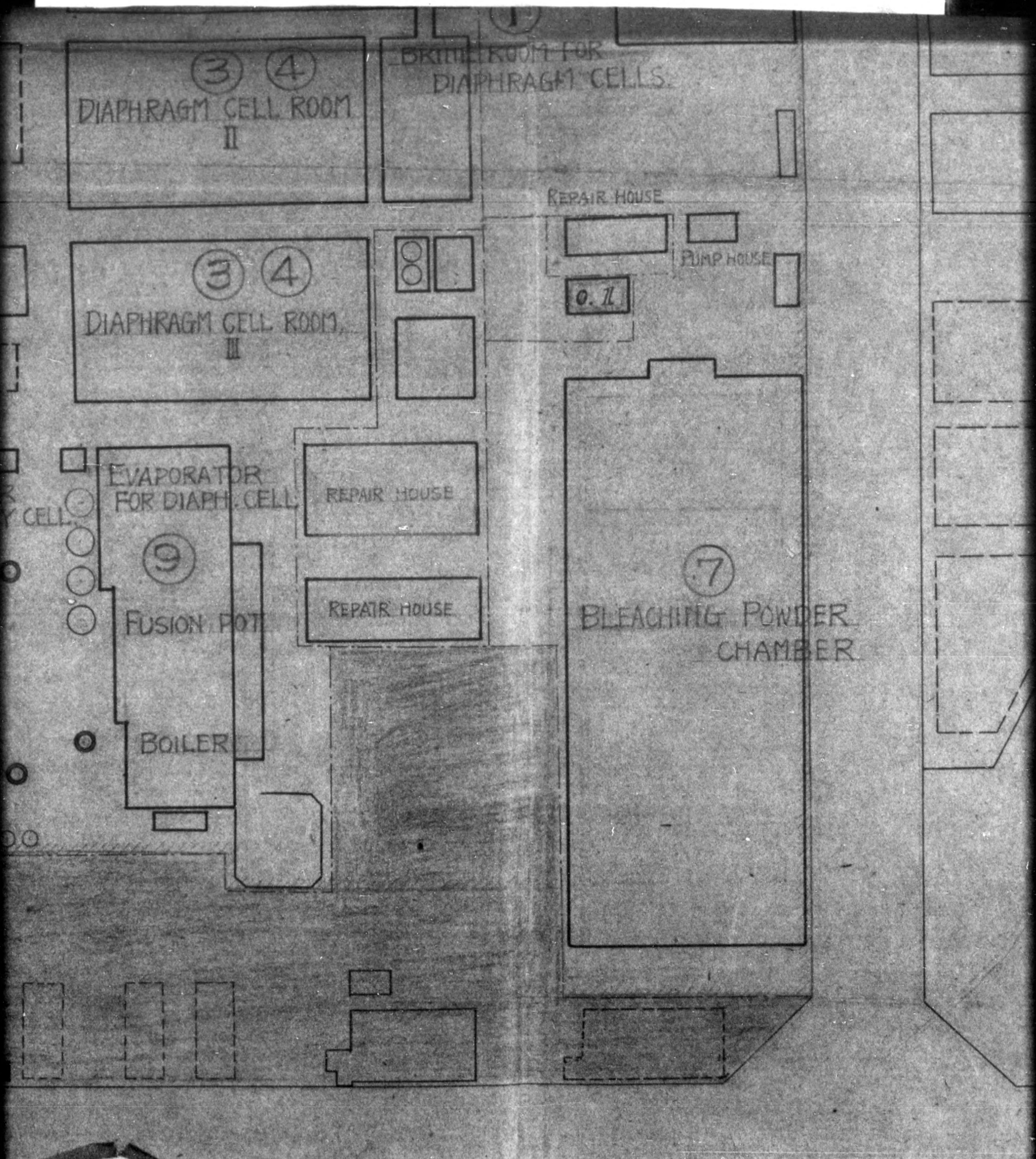


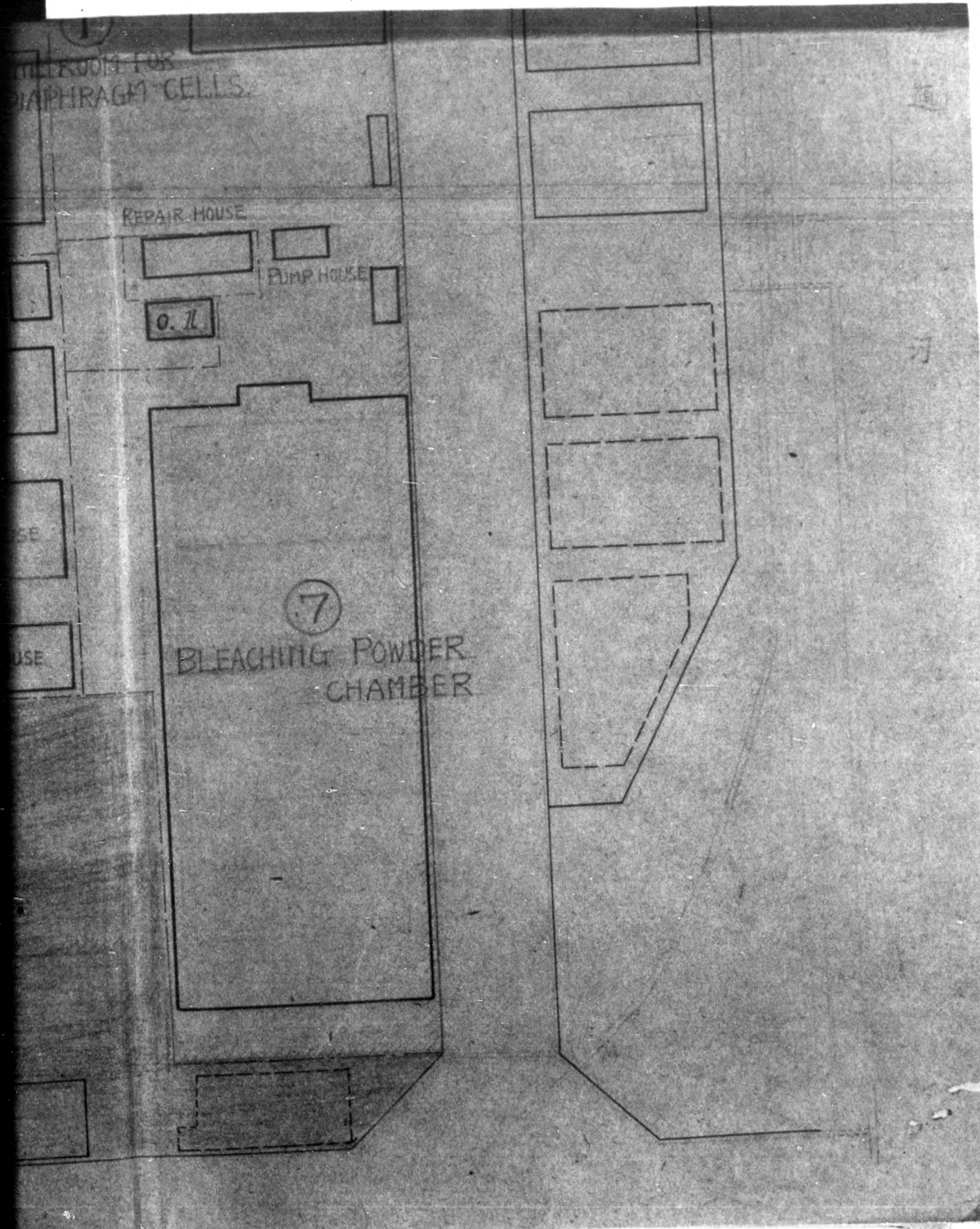
*Plants of Organ*

03











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

16 September 1948

**SUBJECT:** Confirmation of EX items of Equipment

**THRU :** The Aichi Prefectural Liaison Office

**TO :** Toa Gosei Chemical Industry Co., Ltd.  
Nagoya Branch (01-87)  
Showa-cho, Minami-ku, Nagoya-shi

This headquarters hereby confirms the Exempt status of the ten (10) items of equipment on attached list. These items of equipment are located at the Toa Gosei Chemical Industry Co., Ltd. Nagoya Branch, Code No. (01-87).

FOR THE COMMANDING OFFICER:

FRANK L. BOCK  
Major INF  
Adjutant

1 Incl:  
List of EX machinery

List of Items of Equipment in Authorized Ex.

31 July 1948

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

Confirmed  
Aichi Mil. Govt.  
RAM

Copy

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

EPJ/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. HUTCHERSON  
Captain CMP  
Adjutant

Confirmed  
Aichi Mil. Govt.  
RHM

List of Items of Equipment in Authorized Ex.

Inventory Number	Type of Item	Operating Dimensions	Name of Maker	Name of Seller	Date of Purchase or other Transaction by which Item was Acquired	Date of Delivery into Plant
I.A.3.-106 Ex	Automatic Thermo-regulator	Platinum Resistance Thermometer Temperature Range 0-100°C	Hokushin Electric K.K.	Hokushin Electric K.K.	1947 Sept. 12	1948 Jan. 27
I.A.3.-171 & 172 Ex	Silica Tube Plant	Silica Tube 24 Safety Tank for H <sub>2</sub> 1 (880 m/m x 1,000 m/m) Steel Safety Tank for Cl <sub>2</sub> 1 (1,000 m/m x 1,000 m/m) Porcelain	Nippon Denko K.K.	Nippon Denko K.K.	1948 Feb. 20	1948 June 28
II.A.2.-6 Ex	Motor for Ammonia Compressor	60 HP, R.P.M. 725	Shibaura Electric K.K.	Shibaura Electric K.K.	1947 July 31	1947 Nov. 26
II.B.1.-31 & 32 Ex	Transformer	Out door, Oil immersed, Water cooling Rated Output 1,250 KVA. Primary Voltage 11,000 V. Secondary Voltage 3,300 V. Phase 3	Shibaura Electric K.K.	Borrowed from Western Plant (Fertilizer Plant)	1947 June 10	1947 June 15
II.B.2.-18 & 19 Ex	Oil Circuit Braker	Out door, Electric Remote Control Rating Capacity 50,000 KVA. Rated Voltage 6,900 Volts Rated Current 600 Amps. Phase 3	Takaoka Seisakusho K.K.	Tokiwa Shokai	1947 Dec. 20	1948 June 30
III.B.2.-68 Ex	Centrifugal Pump for Sodium Nitrate Solution	Dia. 2", Head 11 m. Vol. 8 ft <sup>3</sup> /min	Ebara Seisaku-sho K.K.	Ebara Seisaku-sho K.K.	1947 Dec. 22	1948 July 28
III.B.2.-73 Ex	Stoneware Pump for Chlorine Gas Treatment	Dia. 65 m/m	Nippon Gaishi K.K.	Nippon Gaishi K.K.	1948 Jan. 14 <i>Com. Govt. 4/28/48</i>	1948 March 1

*These items of equipment listed in this report have been investigated and found to be items of equipment in the by Aichi Mil Govt. R. M. [Signature]*

*Com. Govt. 4/28/48*

Copy

No. AN-165Invoice

7 Feb. 1948.

Hokushin Electric Co., Ltd.  
Nagoya Office.  
The First Floor, The One  
Hundred and Five Bank.  
Miyukihonmachi street,  
Naka ward, Nagoya.

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

The following goods has been sent.

Name	Number
1. Electric Resistance Thermometer Type 1138 S Graduation Range 0~100°C one Graduation 1°C for one point regulation Electric Source 200 V 60 Cycle	1
2. Platinum Resistance Thermometer Type of Terminal R - 19 Protect Pipe Steel, Length 1 m	1

## Remarks

Delivery Place	Toa Gosei Factory
No. of Order	E - 83
Style of Packing	Wooden Box
No. of Packing	1
Method of Transport	Goods-Waggon, Petty Treatment

Copy

Invoice

28 June 1948.

Nippon Denko K.K. Okuni Factory,  
Okunicho, Nishiokishigun,  
Yamagata Prefecture.

To : Toa Gosei Chemical Industry Co., Ltd.

Name	Number
Socket pipe	3
Dia. 3" S bend	2
Vessel	7
Tower section	1
Total	13

## Remarks :

Date of Order 20 February 1948.  
No. of Order 2956

Other pieces has been stocked already.

0 0

0 0

Copy

③ 28270

INVOICE

28 Sept. 1947.

Tokyo Shibaura Denki K.K.  
Mie Factory, Section of Dispatch.  
Asahimura, Miegun, Mie Prefecture.

To : Toa Gosei Chemical Industry Co., Ltd.

The following good has been sent by motor car ③ 28270  
and it should be received after examination on arrival.

Name	No. of Packing	Weight
Motor	1	1,445 Kg

Bond of Borrowing

10 June 1947

From : Chief of Eastern Plant  
Toa Gosei Chemical Industry Co., Ltd.  
Nagoya Branch.

To : Chief of Western Plant

I acknowledge the borrowing of the good below described.

Name	Number	Description
Transformer	2	Cut door, Oil immersed, Water cooling, Rated Output 1,250 KVA Primary Voltage 11,000 Volts Secondary Voltage 3,300 Volts Phase 3

Chief of Eastern Plant

Kiyoji Ise

Copy



Copy

INVOICE

19 June 1948

Tokina Co.,  
25, 1-Chome, Yagumadoori,  
Nakagawa-ward, Nagoya.  
Telephone 2-2516

To : Toa Cosei Chemical Industry Co., Ltd.

The following good has been sent by Motor Car.

Name : Oil Circuit Braker for Secondary Side of  
1,250 KVA Transformer manufactured by  
Takaoka Seisakusho.  
specification number 13253<sup>1</sup>-13253<sup>3</sup>  
3,300 V. 3-Phases, 3-Lines Type,  
60 Cycle

Numbers : 2000

Price a Piece Y 155,662.00

Total Price Y 311,324.00

Remarks : Date of Order 20 Dec. 1947.

No. of Order E-135

No. of Receipt 30

Copy

Report of Purchase

12 March 1948

From : Head Office, Purchase Section,  
Toa Gosei Chemical Industry Co., Ltd.

To : Chief of Warehouse Section, Nagoya Branch.

Receiver of Order Ebara Seisakusho K.K.

No. of Order 869

Orderer Nagoya Branch

No. of Purchase 1541/2-7

Name	Number	Price a Piece	Total Price	Term of Supply
Inoguchi Type Centrifugal Pump Dia. 50 m/m, Single Step, Model SLM, Direct Coupling with Motor, Vol. 0.22 m <sup>3</sup> /min, Head 11 m, R.P.M. 1,750 Power 2 HP, Attachment : Bed, Use : for Caustic Soda	4	Y 7,000.00	Y 28,000.00	2 Months
By corrected written Estimate No. 19947 on 1 March 1948				
Destination Toa Gosei, Nagoya Branch.				

00.

00

Copy

Invoice

22 Feb. 1948.

Nippon Gaishi K.K.  
2-chome, Heritadori,  
Kisuhoku, Nagoya.

To : Toa Gosei Chemical Industry Co., Ltd.

The following has been sent.

Name	Number
Stoneware Pump Dia. 65 m/m	1

Form I-2

INDUSTRY OFFICE  
AICHI MILITARY GOVERNMENT TEAM  
APC 710 (Nagoya, Honshu)

File Summary Sheet

1. Company: Toa Gosei Kagaku Kogyo 2. Plant: Nagoya Branch  
KK.
3. Address: No. 143, Showa-cho, Mihato-ku, Nagoya
4. Branch or Dispersal Plants (Cont. on Reverse):  
Plant Address
  - a.
  - b.
  - c.
5. Name of President or General Mgr:
6. Permit No: 7. HQ: 8. Date:
9. Production Limit (Cont. on Reverse):  
Product Monthly Rate
  - a. Caustic Soda
  - b. Hydrochloric Acid
  - c. Bleaching Power
  - d. Liquid Chlorine
  - e. Ammonium Chloride
  - f. Trichlor Ethylene
10. No. of Inventoried Machines: 11. Plant No: 01-87
12. Index of File:  
Item Date

a. Confidential report	15 Aug 46
b. application for reconversion	6 Aug 46
c. ltr to Aichi Governor "Toa Gosei KK"	5 Sept 46
d. Petition	5 Sept 46
e.	11 Sept 46
f. Application for exemption	11 Sept 46
g. Confidential report	23 Sept 46
h. Reparations inspection sheet	30 Sept 46
i. Application for removal from reparations list & ltr to T-HMG	12 Oct 46
j. ltr fr Labor Union	12 Oct 46
k. CCD's report	11 Oct 46
l. Telegram from Corps & ltr from T-HMG	24 Oct 46
m. Cease operation to company	26 Oct 46
13. Remarks and Pending Actions:  
Application for removal from reparations list was forwarded to higher headquarters. 12 Oct 46

attached sheets are kept in Extra File - P.

(ENTRIES TO BE TYPED)

U. Factory inspection check sheet	1 Nov. '46
O. Products distribution table (July, Aug. Sept.)	5 Nov. '46
P application for continuation of operation	7 Nov. '46
Q Permission to continue operation	7 Nov. '46
R CCD Report	14 Nov. '46
S application for exemption from the mayor of Nagoya	22 Nov. '46
T message form from I Corps 291025/I	29 Nov. '46
U Production and Raw materials information	25 Nov. '46
V continuance of operation	5 Dec. '46
W Report on the plant of liquid chlorine	2 Nov. '46
X Confidential shipped ammonium sulphate	26 Nov. '46
Y Report of chlorine production to	6 Dec. '46
Z Report on the plant of liquid chlorine	2 Nov. '46
A 1st Ind. "Proposed shutdowns of caustic Soda and other chemical plants"	10 Jan. '47
B Inspection check sheet	29 Jan. '47
C Denial of application for exemption	3 Feb. '47
D Inspection check sheet	20 Nov. '46
E Do	28 Feb. '47
F List of measuring machine	21 Feb. '47
G Inspection check sheet	31 Mar. '47
H Reparatons inventory forms	11 April '47
I Report of violation of custody of reparatons plant	11 April '47
J Inspection check sheet	8 April '47
K Opinion for exemption of Toa Gosei, Nagoya plant from reparatons program	15 April '47
L application for exemption from reparatons	13 May '47
M Inventory form for caustic soda plants	26 March '47
N Inspection check sheet	29 May '47
O Inspection check sheet	27 May '47
P corrected inventory forms	13 June '47
Q Inspection check sheet	2 July '47

continued to # 2

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

EFJ/ek

13 June 1947

SUBJECT: Corrected Inventory Forms  
TO : Governor of Aichi Prefecture  
THRU : The Japanese Liaison Office, Tokai-  
Hokuriku Region, Nagoya

1. Transmitted herewith is the corrected inventory form for the one Caustic Soda Plant in Aichi prefecture, Toa Gosei K.K. (01-87) which includes the bi-product section of the Plant.

2. The Japanese Government is held responsible for the custody and maintenance of each machine listed.

FOR THE COMMANDING OFFICER:

1 Incl:  
1 Inventory Form

ROBERT W. BRIDGEMAN  
Capt CMP  
Adjutant

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

EFJ/ek

13 June 1947

SUBJECT: Corrected Inventory Forms

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

1. Transmitted herewith is the corrected inventory form for the one Caustic Soda Plant in Aichi prefecture, Ten Cosai K.K. (01-97) which includes the bi-product section of the Plant.

FOR THE COMMANDING OFFICER:

ROBERT W. HUTCHINSON  
Capt CMT  
Adjutant

1 Incl:  
1 Inventory Form  
(4 copies)

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

EFJ/ek

13 June 1947

**SUBJECT: Corrected Inventory Forms****TO : Chief, Reparations Branch, Industrial Division  
RSC, GSB, APO 500**

1. Transmitted herewith is the corrected inventory form for the one Caustic Soda Plant in Aichi prefecture, Tca Gosei K.K. (01-37) which includes the bi-product section of the Plant.

**FOR THE COMMANDING OFFICER:**

ROBERT W. HUTCHESON  
Capt                      CIP  
Adjutant

1 Incl:  
1 Inventory Form



Corrected Inventory

P

INVENTORY FORM FOR CAUSTIC SODA PLANTSDate 16 May 1947Name of Company Tea Gosei Chemical Industry Co., Ltd. Related SCAPIN 1129Name of Plant East Plant, Nagoya Kogyosho. Code 01-87Address of Plant No. 17-23 Showa-cho, Minato-ku, Nagoya

Number Marked

I.	<u>Chemical Manufacturing</u>		<u>300</u>
	A. <u>Equipment</u>		
	1. Electrolytic cells	<u>210</u>	
	2. Evaporators for caustic	<u>7</u>	
	3. All other equipment used for manufg. caustic soda (except that listed below)	<u>83</u>	
II.	<u>Electrical Machinery and Apparatus</u>		<u>48</u>
	A. <u>Electrical Rotating Equipment</u>		<u>8</u>
	1. Generators	<u>none</u>	
	2. Motors	<u>5</u>	
	3. Motor generators	<u>none</u>	
	4. Frequency changers	<u>none</u>	
	5. Converters and inverters	<u>3</u>	
	6. Generator sets (direct coupled to prime mover)	<u>none</u>	
	B. <u>Primary Electric Power Transmission and Distribution</u>		<u>40</u>
	1. Transformers	<u>25</u>	
	2. Switches	<u>15</u>	

Incl 1

INVENTORY FORM FOR CAUSTIC SODA PLANTSDate 16 May 1947Name of Company Toa Gosei Chemical Industry Co.Ltd. Related SCAPIN 1129Name 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 84A. Engines, Turbines and Boilers 41. Steam engines none2. Steam turbine none3. Boilers, Power 44. Internal combustion engines noneB. Compressors and Pumps 801. Compressors and dry vacuum pumps 162. Pumps 64

M

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, Negoya Kogyosho. Code# \_\_\_\_\_

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

	Number Marked
<b>1. <u>Chemical Manufacturing</u></b>	<del>625</del> <u>625</u>
<b>A. <u>Equipment</u></b>	<u>625</u>
1. Electrolytic cells	<u>452</u>
2. Evaporators for caustic	<u>11</u>
3. All other equipment used for manufacturing caustic soda (except that listed below)	<u>162</u>
<b>11. <u>Electrical Machinery and Apparatus</u></b>	<u>179</u>
<b>A. <u>Electrical Rotating Equipment</u></b>	<u>74</u>
1. Generators	<u>none</u>
2. Motors	<u>71</u>
3. Motor generators	<u>none</u>
4. Frequency chengers	<u>none</u>
5. Converters and inverters	<u>3</u>
6. Generator sets (direct coupled to prime mover)	<u>none</u>
<b>B. <u>Primary Electric Power Transmission and         Distribution</u></b>	<u>105</u>
1. Transformers	<u>19</u>
2. Switches	<u>86</u>

Incl 1

INVENTORY FORM FOR CAUSTIC SODA PLANTSDate 26th. March, 1947.Name of Company Tos Gosei Chem. Ind. Co., Ltd. Related SCAPIN # 1129Name of Plant East Plant, Nagoya Kogyosho. Code # \_\_\_\_\_Address of Plant No.143 Showa-cho, Minato-ku, Nagoya.

	Number Marked
111. <u>General Purpose Industrial Machinery and Equipment</u>	<u>52</u>
A. <u>Engines, Turbines and Boilers</u>	<u>4</u>
1. Steam engines	<u>none</u>
2. Steam turbines	<u>none</u>
3. Boilers, power	<u>4</u>
4. Internal combustion engines	<u>none</u>
B. <u>Compressors and Pumps</u>	<u>48</u>
1. Compressors and dry vacuum pumps	<u>10</u>
2. Pumps	<u>38</u>

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

EFJ/ek

13 May 1947

**SUBJECT:** Application for Exemption from Reparations

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

1. Transmitted herewith in quintuplicate is an application from the OB-5 (OL-67) Tsa Gosai 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 1946 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:**

1 Incl:  
1 Application  
(5 copies)

ROBERT W. HUTCHINSON  
Capt CMC  
Adjutant

*No — see demand in file* K

TOKAI-HOKURIKU REGIONAL BUREAU  
OF  
COMMERCE & INDUSTRY

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 development 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

400

←

APPLICATION FOR THE REMOVAL OF SIGNIFIED FACTORY  
FROM REPARATION LIST

20 March, 1947.

TOA GOSBI 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, Minato-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 well 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.



- 2 -

**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 wheat 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.

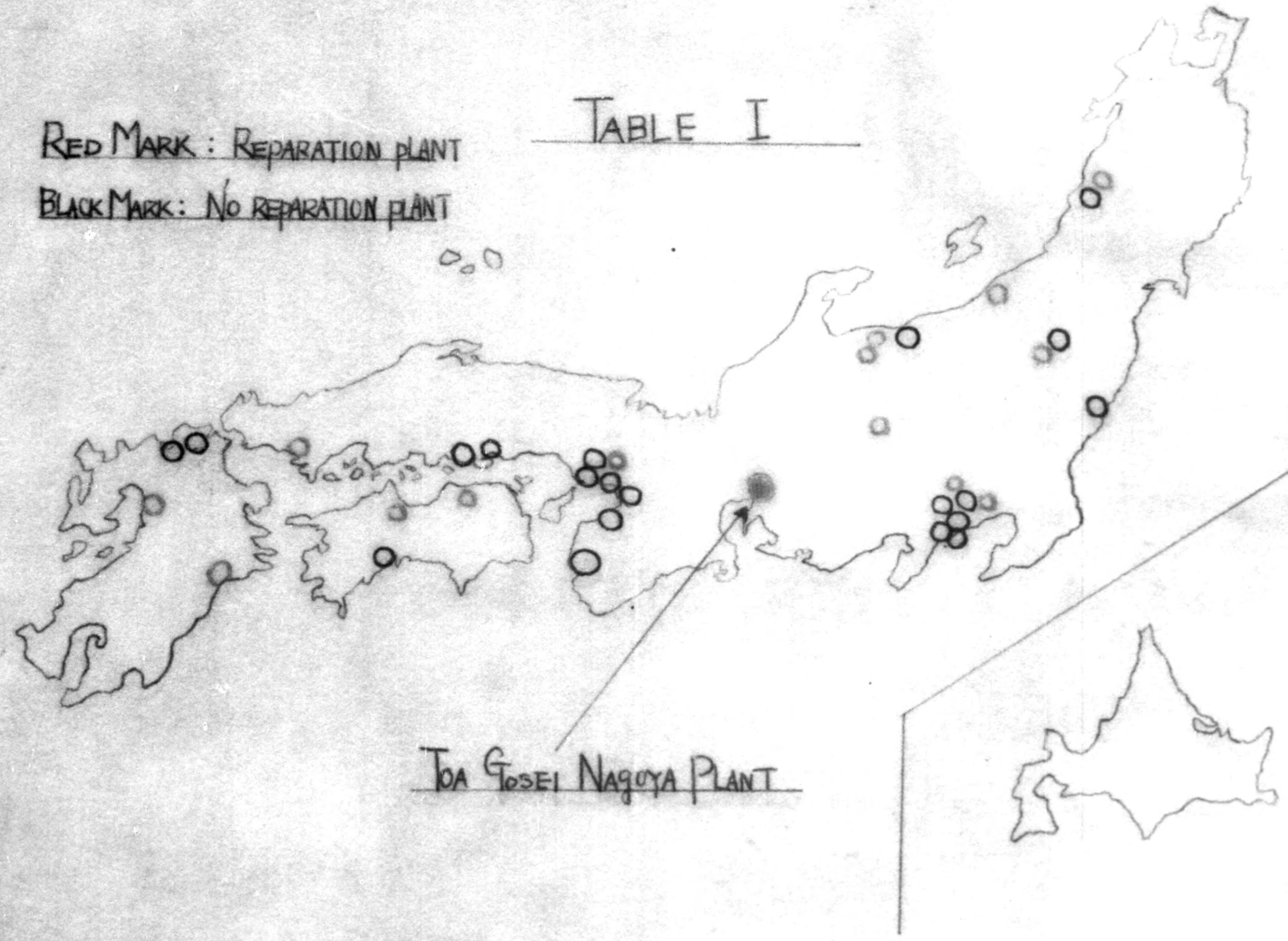
**F. Machinery and Equipment.**

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 war effort 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.

RED MARK : REPARATION PLANT  
BLACK MARK : NO REPARATION PLANT

TABLE I



TOA GOSEI NAGOYA PLANT

- 3 -

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

Table II

From 1930 to 1941

Products	Output	(Unit in ton)	
		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	Annual Output	Uses & Percentage	
Caustic Soda	15,881	Pulp	40 %
		Paper	30 %
		Metric Soda	10 %
		Almina	20 %
Bleaching Powder	7,359	Sterilisation	40 %
		Fibre	30 %
		Pulp	30 %
Hydrochloric Acid	14,398	Seasoning	70 %
		Plating	20 %
		Other	10 %
Liquid Chlorine	6,440	Fibre	30 %
		Pulp	30 %
		Sterilisation	30 %
		Other	10 %

- 5 -

Table IV

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

Products	Annual Outputs	Uses & Percentages
Caustic Soda (Diaphragm Process)	0	Staple Fibre 60 % Soap 10 %
Caustic Soda (Mercury cell Process)	565 tons	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	Purification 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 VII

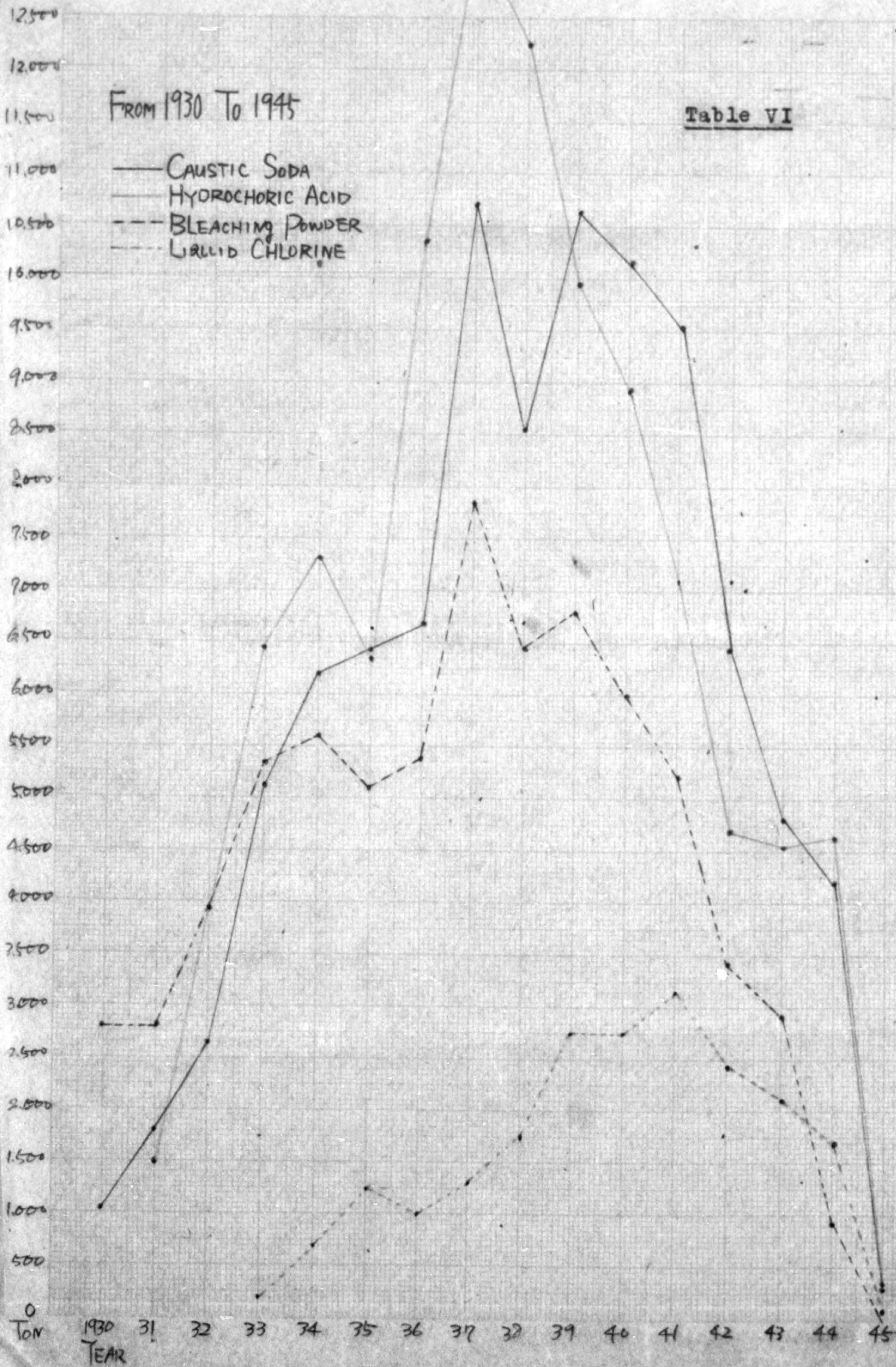
Annual Production

Products		(Unit in ton)		
Year	Caustic Soda	Bleaching Powder	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	5,380	6,473	--
1934	6,195	5,616	7,362	218
1935	6,460	5,144	6,405	796
1936	6,728	5,485	10,349	1,272
1937	10,698	7,855	14,250	1,030
1938	9,552	6,474	12,251	1,347
1939	10,667	6,791	9,828	1,762
1940	10,187	5,515	8,942	2,806
1941	9,577	5,273	7,127	2,770
1942	6,476	3,452	4,735	3,149
1943	4,820	2,942	4,588	2,492
1944	4,229	964	4,717	2,145
1945	356	0	357	1,715
				88
<b>Total</b>	<b>86,208</b>	<b>70,502</b>	<b>102,844</b>	<b>21,590</b>

14,250\$

FROM 1930 TO 1945

Table VI



- 7 -

Table VII

List of Plant EquipmentI. Electrolytic Dissociation Equipment.(A) Mercury Cell Type

Name of Equipment	Type & Capacity	Manu- facture	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	Gastner natural circulation type 40m <sup>3</sup> /day	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	50m <sup>3</sup>	Home made	2 sets	1936
6) Precipitation Tank	240m <sup>3</sup>	Home made	12 sets	1936
7) Neutralization Tank	240m <sup>3</sup>	Home made	2 sets	1936

Above equipment is absolutely necessary for running this plant.



- 8 -

(B) Diaphragm Type

Name of Equipment	Type & Capacity	Manu- facture	Number of Unit	Year of Setting
1) Synchronous Converter	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	128 <sup>s</sup> 1929 128" 1931 128" 1932
3) Vacuum Evaporator	Vertical Calandria (double effect) 45m <sup>3</sup> /day	Tanaka Kikai	9 sets	2 <sup>s</sup> 1929 3" 1931 4" 1938
4) Boiler	Lancashier 84 tons/day Takuma ML-240 120 tons/day Takuma ML-290 165 tons/day	Chuo Tekko Kisha K.K. "	1 set 1 set 1 set	1929 1931 1938
5) Fusion Pot	9,400 litres	Kubota Tekko-sho	18 sets	6 <sup>s</sup> 1929 12" 1936
6) Dissolving Tank of Crude Salt	25 m <sup>3</sup>	Home made	2 sets	1929
7) Precipitation Tank of Salt	50 - 80 m <sup>3</sup>	"	14 sets	1931
8) Neutralisation Tank of Salt	45 m <sup>3</sup>	"	2 sets	1929

- 9 -

II. Other Equipment

Name of Equipment	Type & Capacity	Manu- facture	Number of Unit	Year of Setting
1) Bleaching Powder	Floor type with line scattering machine floor area 232 m <sup>2</sup> per chamber	Home made	8 sets	1930
2) <u>Liquid Chlorine Apparatus</u>				
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 m <sup>3</sup>	"	7 sets	1938
3) <u>Hydrochloric Acid Apparatus</u>	Made of silika 3 tons per set	Home made	8 sets	4 <sup>s</sup> 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.

- 10 -

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 %
<b>Total</b>	<b>1,633,327</b>	<b>74,284</b>	<b>4.5 %</b>
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 the remaining 30 per cent for manufacturing 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	



*Jojo Gosei*

H

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

EFJ/ek

11 April 1947

SUBJECT: Reparations Inventory Forms  
TO : Governor of Aichi Prefecture  
THRU : The Japanese Liaison Office, Nagoya

1. Inclosed are copies of inventories of the one reparations Sulfuric Acid plant, Nissan Kagaku KK and the one reparations Caustic Soda plant, Tea Gosei KK.

2. The Japanese government is held responsible for the maintenance and protection of each machine listed.

FOR THE COMMANDING OFFICER:

ROBERT W. HUTCHESON  
Capt CMP  
Adjutant

2 Incls:  
1 Sulfuric Acid inventory form  
1 Caustic Soda inventory form

File H

INVENTORY FORM FOR CAUSTIC SODA PLANTS

Date 10 April 1947

Name of Company Tea Gosei Chem. Ind. Co., Ltd Related SCAPIH #1129

Name of Plant East Plant, Nagoya Kogyosha Code 01-87

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

		Number Marked
<b>I. <u>Chemical Manufacturing</u></b>		<u>256</u>
<b>A. <u>Equipment</u></b>		<u>256</u>
1. Electrolytic cells	<u>210</u>	
2. Evaporators for caustic	<u>7</u>	
3. All other equipment used for manufacturing caustic soda (except that listed below)	<u>39</u>	
<b>II. <u>Electrical Machinery and Apparatus</u></b>		<u>39</u>
<b>A. <u>Electrical Rotating Equipment</u></b>		<u>7</u>
1. Generators	<u>none</u>	
2. Motors	<u>4</u>	
3. Motor generator	<u>none</u>	
4. Frequency changers	<u>none</u>	
5. Converters and inverters	<u>3</u>	
6. Generator sets (direct coupled to prime mover)	<u>none</u>	
<b>B. <u>Primary Electric Power Transmission and Distribution</u></b>		<u>32</u>
1. Transformers	<u>17</u>	
2. Switches	<u>15</u>	

M

INVENTORY FORM FOR CAUSTIC SODA PLANTS

Date 10 April 1947

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

Name of Plant East Plant, Nagoya Kogyosho Code #01-87

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 0

2. Steam Turbines 0

3. Boilers, power 4

4. Internal combustion engines 0

B. Compressors and Pumps 49

1. Compressors and dry vacuum pumps 8

2. Pumps 41



P

21st, Feb. 1947.

TO : Aichi Military Government Team.  
FROM : Toa Gosei Chemical Industry Co., Ltd.

Report on the Testing Machine.

We have nothing other than instruments for  
chemical analysis.

*M. Yoshimura*

M. YOSHIMURA  
Representative Director.

*Tou* *File*  
*Josee* *direct*

**HEADQUARTERS  
TOKAI-HOKURIKU MIL GOVT REGION  
APO 710 (Nagoya, Honshu)**

**GNM/ss**

**20 November 1946**

**SUBJECT: Letter of Transmittal**

**TO : ✓ CO, Aichi Mil Govt Team, APO 710  
CO, Toyama Mil Govt Team, APO 713**

- 1. Transmitted herewith is telegram for your information.**
- 2. Message phoned to Aichi and Toyama Prefecture on 20 Nov 46.**

**BY ORDER OF COLONEL BURNELL:**

*Frank M. Wilkins*

**FRANK M. WILKINS  
Maj Adjutant FA**

**1 Incl:  
1 telegram**

*C.O. Aichi*

NOV 22 1946-3619

ROUTINE

FROM: CG, I CORPS, APO 301

TO : CO, TOKAI-HOKURIKU MIL GOVT REGION, APO 710

IMMEDIATE RELEASE AUTHORIZED TO HOME MINISTRY LIQUID  
CHLORINE CYLINDERS FROM PLANTS LISTED BELOW CLN NIPPON SODA  
KING KING CMA TAKAOKA PLANT CMA TOYAMA CMA TWO THREE NOUGHT NOUGHT  
SMLN TOA GOSEI KING KING CMA FUSHIKI PLANT CMA TOYAMA CMA  
NINE ONE FOUR SMCLN TOA GOSEI KING KING CMA PLANT CMA AICHI  
CMA FOUR SEVEN NOUGHT NOUGHT END. WOODRUFF

CCN: 2796/19

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

BSJ/ek

3 February 1947

**SUBJECT:** Denial of Application for Exemption from  
Reparations of Tea Goshi Kagaku Kagyo 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 Tea Goshi K.K. has been denied.

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

FOR THE COMMANDING OFFICER:

ROBERT W. HUTCHISON  
Captain                      GHP  
Adjutant

BASIC: Ltr, Hq Aichi Mil Govt Team, subj: "Application for  
Exemption from Reparations from the Mayor of Nagoya",  
dtd 22 Nov 46

7th Ind

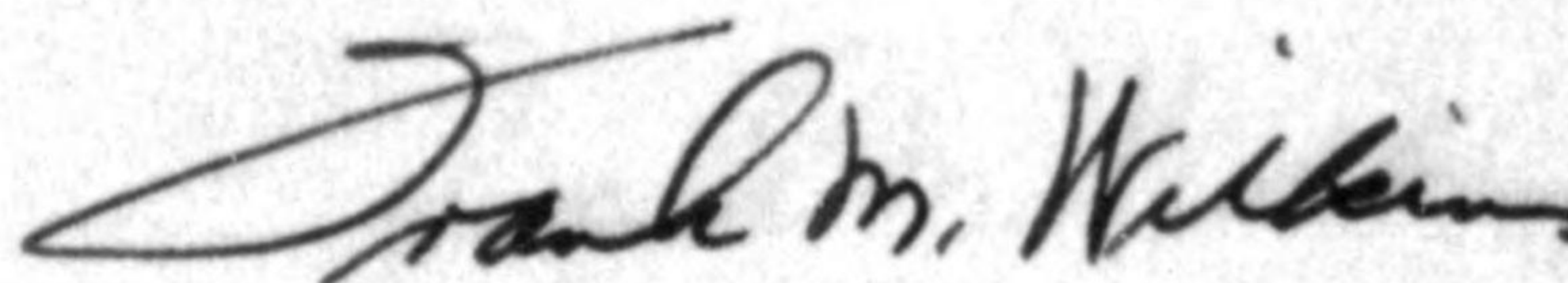
GNM/ss

Hq Tokai-Hokuriku Mil Govt Region, APO 710, 27 Jan 47

TO: CO, Aichi Mil Govt Team, APO 710

Your attention is directed to the 4th indorsement.

BY ORDER OF COLONEL BURNELL:



FRANK M. WILKINS  
Maj FA  
Adjutant

1 Incl:  
n/c

461292

JAN 30 1947 05524

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

22 November 1946

SUBJECT: Application for Exemption from Reparations from the Mayor of Nagoya.

TO : Commanding Officer, Tokai-Hokuriku  
Mil Govt Region, APO 710  
Attn: Res, Comm & Ind Officer

1. Transmitted herewith in quintuplicate is an application for exemption from reparations of the Toa Gosei Kagaku Kogyo K.K., Nagoya Plant from the Mayor of Nagoya.

2. This OD-5 (01-87) plant is a producer of caustic soda, chlorine and chlorine chemicals. The city government states that there is no alternate source for chlorine in this city to meet the demands for purification of the city water supply and that a very critical situation will result if this plant is forced to close.

3. These facts appear to be true and in view of the fact that the health problem concerned will definitely affect the occupation forces this headquarters recommends that this plant be exempted or at least be permitted to operate until an alternate source can be found for chlorine.

4. An application from the subject company to continue operation was forwarded under date of 7 November 1946 with full information concerning the production of this company. Immediate action is requested on this matter inasmuch as the plant is at present instructed to close on 1 December 1946.

FOR THE COMMANDING OFFICER:

Incl:

1. Application  
(5 copies)

*Robert W. Hutchison*  
ROBERT W. HUTCHISON  
Captain CMP  
Adjutant

+ H 500

C

BASIC: Ltr, Hq Aichi Mil Govt Team, APO 710, dtd 22 Nov 46  
Subj: "Application for Exemption from Reparations  
from the Mayor of Nagoya"

1st Ind

GNM/ss

3816

Hq Tokai-Hokuriku Mil Govt Region, APO 710, 23 Nov 46

TO: CG, I Corps, APO 301  
ATTN: Res, Comm & Ind Officer

1. Application for exemption from reparations of the  
Toa Gosei Kagaku Kogyo K.K., Nagoya Plant is forwarded for  
review by higher headquarters.

2. Subject plant is prepared to close down on 1  
December 1946.

FOR THE COMMANDING OFFICER:

*Frank M. Wilkins*

FRANK M. WILKINS  
Maj FA  
Adjutant

B-119  
HQ. I CORPS  
004  
AG.....

1 Incl:  
n/c  
lcc w/d

775013

C.

*MBS*

BASIC: Ltr, Hq Aichi Mil Govt Team, subj: "Application for Exemption from Reparations from the Mayor of Nagoya", dtd 22 Nov 46.

AG 004 - BA

2nd Ind

EHN/nd

Hq I Corps, APO 301, 2 DEC 1946

TO: CG, Eighth Army, APO 343

*42251*

1. Reference: letter, Aichi Military Government Team, subject: "Application from the Toa Gosei Kagaku Kogyo K.K., Nagoya Plant to Continue Operation", dated 7 November 1946, and 2nd indorsement thereto, this headquarters to your headquarters, dated 14 November 1946. The inclosed petition from the mayor of Nagoya for exemption of subject plant from the reparations list, is a source of additional information concerning this problem, is forwarded to your headquarters without comment.

2. This headquarters has informed the Aichi Military Government Team, that the Toa Gosei Kagaku Kogyo K.K., Nagoya Plant, may continue operation beyond 1 December 1946, until such time as definite instructions are received from higher headquarters which directs the closing of this plant.

FOR THE COMMANDING GENERAL:

*Karl W. Marks*

KARL W. MARKS  
LT COL, AGD  
ASST ADJ GEN

I Incl:  
n/c

*0225146*



Ltr, Aichi Mil Govt Team, subj: "Application for Exemption from Reparatons from the Mayor of Nagoya", dtd 22 Nov 46.

GHC. JAPAN  
3826  
AGO MEDICALS

AG 004.04 (MG-Em) 3rd Ind.

9 DEC 1946

Headquarters Eighth Army, APO 343

TO: Supreme Commander for the Allied Powers, APO 500  
ATTN: Reparations Branch, ESS/IN

1. The correspondence referred to in paragraph 1 of the 2nd indorsement was forwarded to your headquarters, 22 November 1946, by 3rd indorsement Headquarters Eighth Army, AG 004.04 (MG-Em) for consideration in connection with the proposed shut down of the Nagoya Plant of Toa Gosei Kagaku K.K.

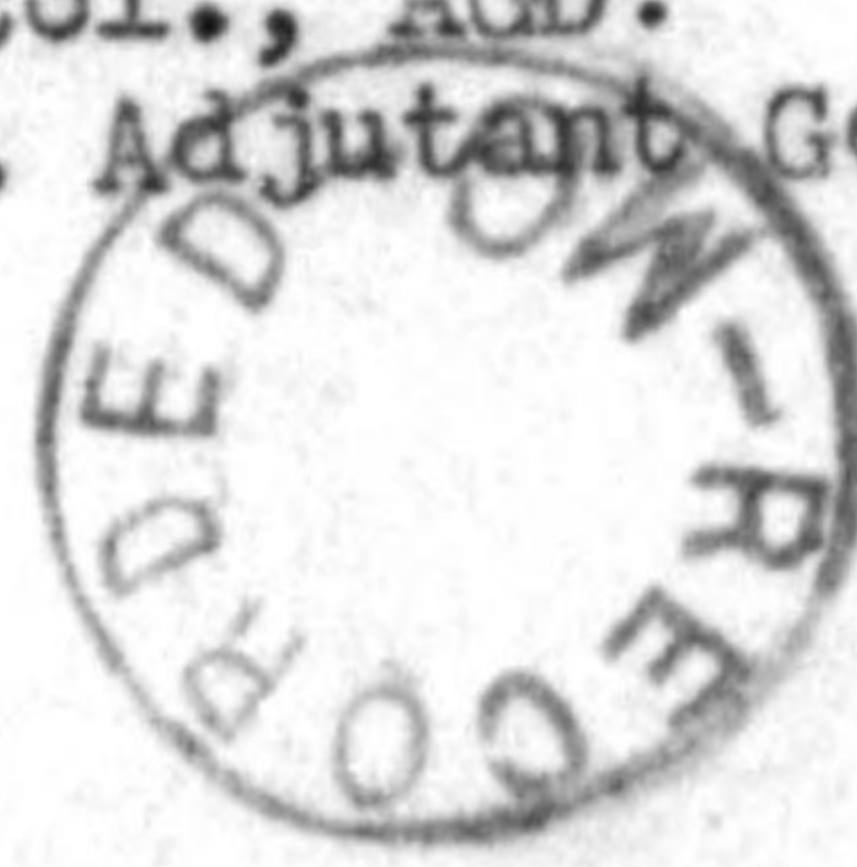
2. The inclosure attached hereto is forwarded as additional information to the above reference.

FOR THE COMMANDING GENERAL:



*R. Schaffer*

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



1 Incl:  
15 w/d

Q-76

*mbs*

BASIC: Ltr, Aichi Mil Govt Team, subj: Application for  
Exemption from Reparations from the Mayor of Nagoya,  
dtd 22 Nov 46.

AG 387.6(22 Nov 46)ESS/IN 4th Ind

GENERAL HEADQUARTERS, SUPREME COMMANDER FOR THE ALLIED  
POWERS, APO 500, 10 January 1947

TO: Commanding General, Eighth Army, APO 343

1. Application for removal from reparations list of  
Toa Gosei Kagaku Kogyo K. K., Nagoya Plant is not favorably  
considered.

2. This plant was selected for reparations as part of  
a program to reduce the productive capacity of the Japanese  
caustic soda industry. Sufficient capacity for the production  
of chlorine and other soda products to meet domestic require-  
ments will be retained.

3. Continued operation of the Nagoya plant of Toa Gosei  
requested in basic letter was authorized by letter from General  
Headquarters, Supreme Commander for the Allied Powers to Com-  
manding General, Eighth Army, AG 387.6 (10 Dec 46)ESS/IN, sub-  
ject: Proposed Shutdown of Caustic Soda and other Chemicals.

BY COMMAND OF GENERAL MacARTHUR:

1 Incl  
n/c

*A. J. Rehe*  
A. J. REHE  
Major, AGD  
Asst Adj Gen

c.

Ltr, Hq Aichi Mil Govt Team, APO 710, dtd 22 Nov 46, subj: "Application for Exemption from Reparations from the Major of Nagoya".

AG 004.04 (MG-Em)

5th Ind

16 JAN 1947

Headquarters Eighth Army, APO 343

TO: Commanding General, I Corps, APO 301

Attention is invited to the 4th indorsement.

BY COMMAND OF LIEUTENANT GENERAL EICHELBERGER:



*R. Schaffer*  
R. SCHAFER  
Lt. Col. AGD  
Asst. Adjutant General

*P-m-c*  
HQ. I CORPS  
AG 004



1 Incl:  
n/c

AG 004 BA

6th Ind

EHN/yo

Hq I Corps, APO 301, 20 JAN 1947

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

1. Your attention is directed to 4th indorsement.
2. Application of Toa Gosei Kagaku Kogyo K.K., Nagoya Plant (01-87, Soda) for removal from reparations list has been denied.

BY COMMAND OF MAJOR GENERAL WOODRUFF:

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

1 Incl:  
n/c

31874

441292

THE NAGOYA CITY HALL  
NAGOYA, JAPAN

No. 1.

November , 1946.

To : Aichi Military Government Team, Nagoya.  
Through : Japanese Government Liaison Office, Nagoya.  
Subject : Request for Exemption from Designated Plants  
for Reparation.

Since the arrival of Allied Forces, the City water-works system has been managed with the utmost care from the viewpoint of sanitary and public health, strengthening the testing of water quality and the chlorine disinfection.

Lately, the Nagoya Plant of Toa Synthetic Chemical Industry Co., the only manufacturer of chlorine in Tokai District, was listed as "Designated Plant for Reparation purposes."

If this plant should be procured according to the order of the Allied Powers, there would be no source of supply of chlorine to meet the demand of the city water works, causing serious result from the viewpoint of public health.

Therefore, we earnestly request you to take the situation into consideration and exempt the above plant from the list of plants of reparation.

Since the city water-works system was destroyed by war-time bombing, more than a year has passed. The rehabilitation work has been in steady progress in the meantime, and the number of houses where supply is available has since increased to as many as 120,000. Besides, we have now a considerable number of occupation troops stationed in key positions within the city and the demand for water supply has ever been increasing steadily and enormously.

*Sub 1*

## THE NAGOYA CITY HALL

NAGOYA, JAPAN

No. 2.

Under the circumstances, the City Water-works Bureau is doing its utmost in the maintenance and improvement of the quality of water supplied for the benefit of citizens and public health. We have further strengthened testing of the quality of water and chlorine disinfection directed from General Headquarters recently, while, on the other hand, we came to enforce physical examination, monthly, to all the workers engaged in water-supply and water distilling works, thereby, doing our best to prevent possible spreading of contagious diseases or the like.

At present the city water is distilled and disinfected through the application of 0.8 g. of liquid chlorine to every cubic meter of water at the water-purifying plants of Nabeya-Ueno and of Oharu and then supplied to citizens.

Now, the liquid chlorine used for this purpose is produced at the Nagoya Plant of Toa Synthetic Chemical Co., which is the only manufacturer of this kind in Tokai District, and we could get it supplied without a hitch to meet our demand as much as 240 kg. per day.

Moreover, this plant recently received the order from the Allied Powers to supply 30 Kg. <sup>per month</sup> of chlorine per month to Kyoto City and this makes it almost impossible to meet the demand of Nagoya City. To make the matter worse, the plant was lately listed as "the plants of Reparation," and therefore it will be next to impossible to operate the plant after December. Thus, it will be hard for us to obtain chlorine <sup>and</sup> become impossible to disinfect water. The consequences will be too serious to be neglected from the viewpoint of public health, and we cannot but fear it will prove a hindrance in the way of reconstruction of the country.

Unfortunately, the manufacturers of chlorine are very few throughout the country, and yet the majority of them has been specified as Plants for Reparation. In this situation it is of little hope for us to fill our big demand, from other sources, and, even if we may, it is hard to get the supply smoothly and satisfactorily because of the aggravating transportation difficulties. The way to maintain the present state of water hygiene and public health in the field of water works under the occupation of Allied Personnel will be, as we believe, to allow this plant, the sole manufacturer of liquid chlorine in Tokai District, to remain as it stands and continue operation.

775013

**THE NAGOYA CITY HALL**

**NAGOYA, JAPAN**

No. 3.

It is therefore earnestly requested that you will kindly take the situation into consideration and see to it that the said plant may be exempted from the designation of Plants for Reparation in order to meet the demand of city water-works (ten Kg. tons per month).

Signature :

*Seiji Kimura*

(Seiji Kimura)

Acting Mayor of Nagoya

No. 1.

November , 1946.

To : Aichi Military Government Team, Nagoya.  
Through : Japanese Government Liaison Office, Nagoya.  
Subject : Request for Exemption from Designated Plants  
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Lately, the Nagoya Plant of Toa Synthetic Chemical Industry Co., the only manufacturer of chlorine in Tokai District, was listed as "Designated Plant for Reparation purposes."

If this plant should be procured according to the order of the Allied Powers, there would be no source of supply of chlorine to meet the demand of the city water works, causing serious result from the viewpoint of public health.

Therefore, we earnestly request you to take the situation into consideration and exempt the above plant from the list of plants of reparation.

Since the city water-works system was destroyed by war-time bombing, more than a year has passed. The rehabilitation work has been in steady progress in the meantime, and the number of houses where supply is available has since increased to as many as 120,000. Besides, we have now a considerable number of occupation troops stationed in key positions within the city and the demand for water supply has ever been increasing steadily and enormously.

Under the circumstances, the City water-works Bureau is doing its utmost in the maintenance and improvement of the quality of water supplied for the benefit of citizens and public health. We have further strengthened testing of the quality of water and chlorine disinfection directed from General Headquarters recently, while, on the other hand, we came to enforce physical examination, monthly, to all the workers engaged in water-supply and water distilling works, thereby, doing our best to prevent possible spreading of contagious diseases or the like.

No. 2.

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Now, the liquid chlorine used for this purpose is produced at the Nagoya Plant of Toa Synthetic Chemical Co., which is the only manufacturer of this kind in Tokai District, and we could get it supplied without a hitch to meet our demand as much as 240 kg. per day.

Moreover, this plant recently received the order from the Allied Powers to supply 30 kg. of chlorine per month to Kyoto City and this makes it almost impossible to meet the demand of Nagoya City. To make the matter worse, the plant was lately listed as "the plant of Reparation," and therefore it will be next to impossible to operate the plant after December. Thus, it will be hard for us to obtain chlorine and become impossible to disinfect water. The consequences will be too serious to be neglected from the viewpoint of public health, and we cannot but fear it will prove a hindrance in the way of reconstruction of the country.

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Signature

*Seiji Kimura*

(Seiji Kimura)

Acting Mayor of Nagoya



No. 1.

November , 1946.

To : Aichi Military Government Team, Nagoya.  
Through : Japanese Government Liaison Office, Nagoya.  
Subject : Request for Exemption from Designated Plants  
for Reparation.

Since the arrival of Allied Forces, the City water-works system has been managed with the utmost care from the viewpoint of sanitary and public health, strengthening the testing of water quality and the chlorine disinfection.

Lately, the Nagoya Plant of Toa Synthetic Chemical Industry Co., the only manufacturer of chlorine in Tokai District, was listed as "Designated Plant for Reparation purposes."

If this plant should be procured according to the order of the Allied Powers, there would be no source of supply of chlorine to meet the demand of the city water works, causing serious result from the viewpoint of public health.

Therefore, we earnestly request you to take the situation into consideration and exempt the above plant from the list of plants of reparation.

Since the city water-works system was destroyed by war-time bombing, more than a year has passed. The rehabilitation work has been in steady progress in the meantime, and the number of houses where supply is available has since increased to as many as 120,000. Besides, we have now a considerable number of occupation troops stationed in key positions within the city and the demand for water supply has ever been increasing steadily and enormously.

Under the circumstances, the City water-works Bureau is doing its utmost in the maintenance and improvement of the quality of water supplied for the benefit of citizens and public health. We have further strengthened testing of the quality of water and chlorine disinfection directed from General Headquarters recently, while, on the other hand, we came to enforce physical examination, monthly, to all the workers engaged in water-supply and water distilling works, thereby, doing our best to prevent possible spreading of contagious diseases or the like.

No. 2.

At present the City water is distilled and disinfected through the application of 0.8 g. of liquid chlorine to every cubic meter of water at the water-purifying plants of Nabeya-Ueno and of Oharu and then supplied to citizens.

Now, the liquid chlorine used for this purpose is produced at the Nagoya Plant of Toa Synthetic Chemical Co., which is the only manufacturer of this kind in Tokai District, and we could get it supplied without a hitch to meet our demand as much as 240 kg. per day.

Moreover, this plant recently received the order from the Allied Powers to supply 30 kg. <sup>tons</sup> of chlorine per month to Kyoto City and this makes it almost impossible to meet the demand of Nagoya City. To make the matter worse, the plant was lately listed as "the plant of Reparation," and therefore it will be next to impossible to operate the plant after December. Thus, it will be hard for us to obtain chlorine and become impossible to disinfect water. The consequences will be too serious to be neglected from the viewpoint of public health, and we cannot but fear it will prove a hindrance in the way of reconstruction of the country.

Unfortunately, the manufacturers of chlorine are very few throughout the country, and yet the majority of them has been specified as Plants for Reparation. In this situation it is of little hope for us to fill our big demand, from other sources, and, even if we may, it is hard to get the supply smoothly and satisfactorily because of the aggravating transportation difficulties. The way to maintain the present state of water hygiene and public health in the field of water works under the occupation of Allied Personnel will be, as we believe, to allow this plant, the sole manufacturer of liquid chlorine in Tokai District, to remain as it stands and continue operation.

It is therefore earnestly requested that you will kindly take the situation into consideration and see to it that the said plant may be exempted from the designation of Plants for Reparation in order to meet the demand of city water-works (ten kg. tons per month).

Signature :

*Seiji Kimura*  
(Seiji Kimura)

Acting Mayor of Nagoya

No. 1.

November, 1946.

To : Aichi Military Government Team, Nagoya.  
Through : Japanese Government Liaison Office, Nagoya.  
Subject : Request for Exemption from Designated Plants for Reparation.

Since the arrival of Allied Forces, the City water-works system has been managed with the utmost care from the viewpoint of sanitary and public health, strengthening the testing of water quality and the chlorine-disinfection.

Lately, the Nagoya Plant of Tea Synthetic Chemical Industry Co., the only manufacturer of chlorine in Tokai District, was listed as "Designated Plant for Reparation purposes."

If this plant should be procured according to the order of the Allied Powers, there would be no source of supply of chlorine to meet the demand of the city water works, causing serious result from the viewpoint of public health.

Therefore, we earnestly request you to take the situation into consideration and exempt the above plant from the list of plants of reparation.

Since the city water-works system was destroyed by war-time bombing, more than a year has passed. The rehabilitation work has been in steady progress in the meantime, and the number of houses where supply is available has since increased to as many as 120,000. Besides, we have now a considerable number of occupation troops stationed in key positions within the city and the demand for water supply has ever been increasing steadily and enormously.

Under the circumstances, the City Water-works Bureau is doing its utmost in the maintenance and improvement of the quality of water supplied for the benefit of citizens and public health. We have further strengthened testing of the quality of water and chlorine disinfection directed from General Headquarters recently, while, on the other hand, we came to enforce physical examination, monthly, to all the workers engaged in water-supply and water distilling works, thereby, doing our best to prevent possible spreading of contagious diseases or the like.

7 Dec 14

No. 2.

At present the City water is distilled and disinfected through the application of 0.8 g. of liquid chlorine to every cubic meter of water at the water-purifying plants of Nabeya-Ueno and of Oharu and then supplied to citizens.

Now, the liquid chlorine used for this purpose is produced at the Nagoya Plant of Toa Synthetic Chemical Co., which is the only manufacturer of this kind in Tokai District, and we could get it supplied without a hitch to meet our demand as much as 240 kg. per day.

Moreover, this plant recently received the order from the Allied Powers to supply 30 kg. of chlorine per month to Kyoto City and this makes it almost impossible to meet the demand of Nagoya City. To make the matter worse, the plant was lately listed as "the plant of Reparation," and therefore it will be next to impossible to operate the plant after December. Thus, it will be hard for us to obtain chlorine and become impossible to disinfect water. The consequences will be too serious to be neglected from the viewpoint of public health, and we cannot but fear it will prove a hindrance in the way of reconstruction of the country.

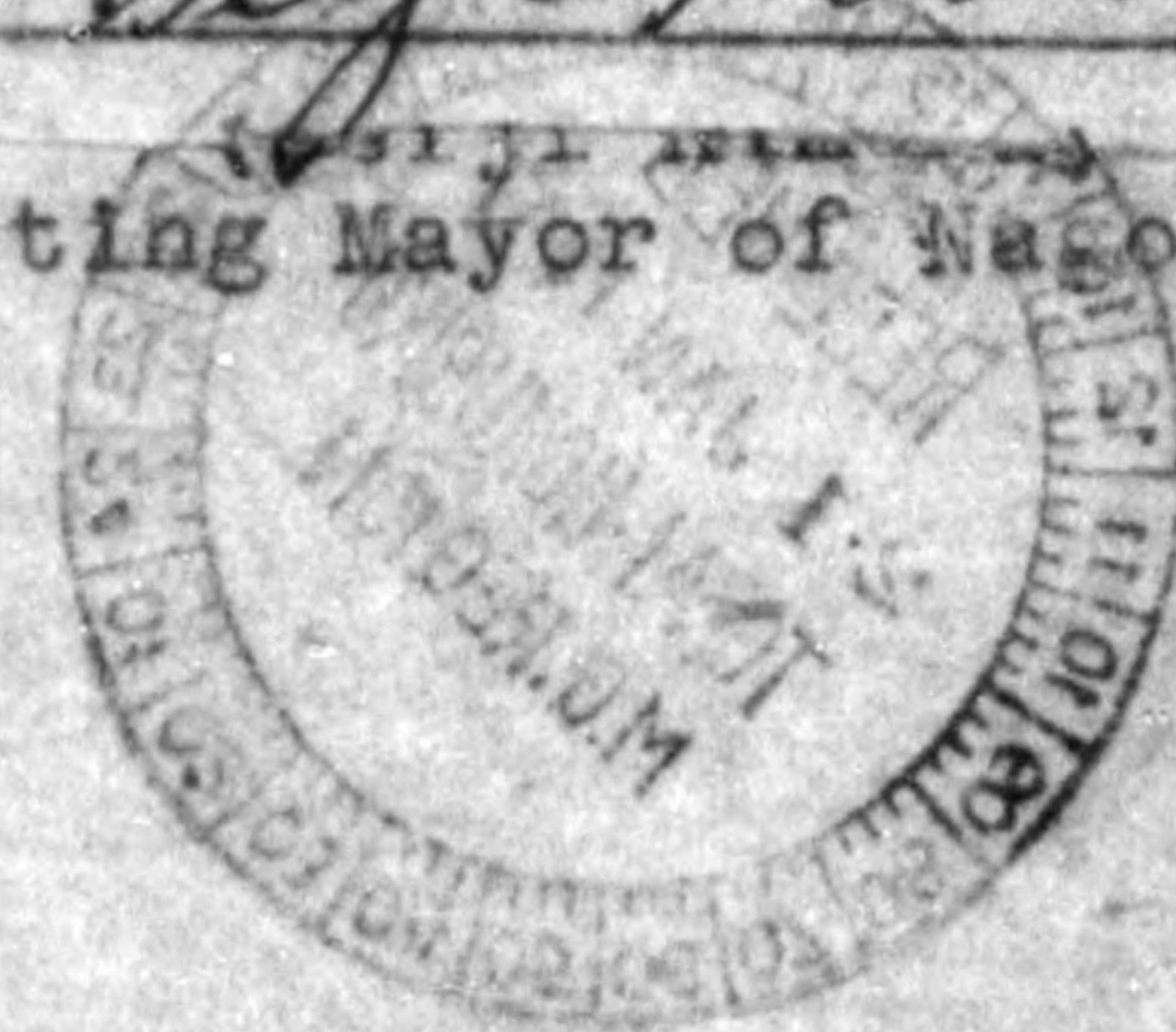
Unfortunately, the manufacturers of chlorine are very few throughout the country, and yet the majority of them has been specified as Plants for Reparation. In this situation it is of little hope for us to fill our big demand, from other sources, and, even if we may, it is hard to get the supply smoothly and satisfactorily because of the aggravating transportation difficulties. The way to maintain the present state of water hygiene and public health in the field of water works under the occupation of Allied Personnel will be, as we believe, to allow this plant, the sole manufacturer of liquid chlorine in Tokai District, to remain as it stands and continue operation.

It is therefore earnestly requested that you will kindly take the situation into consideration and see to it that the said plant may be exempted from the designation of Plants for Reparation in order to meet the demand of city water-works (ten kg. tons per month).

Signature

*Seiji Kimura*

Acting Mayor of Nagoya



*File  
Toa Gosei<sup>A</sup>*

BASIC: Ltr, Hq I Corps, dtd 7 Jan 47, subj: "Proposed  
Shutdowns of Caustic Soda and Other Chemical Plants"

1st Ind

GNM/ss

Hq Tokai-Hokuriku Mil Govt Region, APO 710, 10 Jan 47

TO: CO, Aichi Mil Govt Team, APO 710

For your information.

BY ORDER OF COLONEL BURNELL:

*Frank M. Wilkins*

FRANK M. WILKINS

Maj FA

Adjutant

1 Incl:  
n/c

JAN 10 1947 05017

41592

C O P Y

HEADQUARTERS I CORPS  
APO 301 (Kyoto, Honshu)

EHN/gkw

AG 004 - BA

7 Jan 1947

SUBJECT: Proposed Shutdowns of Caustic Soda and Other  
Chemical Plants

TO: Commanding Officer, Kyushu Military Government  
Region, APO 929

Commanding Officer, Tokai-Hokuriku Military  
Government Region, APO 710

Commanding Officer, Osaka Military Government  
Team, APO 660

1. Attention is invited to letter, Supreme Commander for the Allied Powers to Commanding General, Eighth Army AG 387.6 (26 December 1946) ESS/IN, subject: "Proposed Shutdowns of Caustic Soda and Other Chemical Plants", dated 26 December 1946, attached as inclosure number 1.

2. Plants listed in SCAPIN-1129 will be permitted to continue operation as indicated in paragraph 1 of the inclosure.

BY COMMAND OF MAJOR GENERAL WOODRUFF:

/s//t/ H. B. TAYLOR  
Major, AGD  
Asst Adj Gen

1 Incl:  
Ltr, SCAP to CG, Eighth Army  
AG 387.6 (26 Dec 46) ESS/IN  
subj: "Prop. Shutdowns of  
Caus. Soda & Other Chem.  
Plants."

COPY

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GENERAL HEADQUARTERS  
SUPREME COMMANDER FOR THE ALLIED POWERS

AG 387.6 (26 Dec 46) ESS/IN

APO 500  
26 December 1946SUBJECT: Proposed Shutdowns of Caustic Soda and Other  
Chemical PlantsTO: Commanding General, Eighth Army, APO 343  
ATTENTION: Military Government Section

1. It was contemplated that chemical plants scheduled for reparations would be required to cease operations gradually, and to this end tentative shutdown schedules were developed, beginning with caustic soda plants. It has since been decided that the Imperial Japanese Government will not be required to suspend operations in chemical plants at this time, and the tentative schedule will not be implemented.

2. The following correspondence asks for information about the shutdowns or recommends extension of the tentative shutdown dates, and is fully answered by paragraph 1 above:

a. Letter, Fukushima Military Government Team, subject: Recommending Extension of Operations of Hirota Plant, Showa Denko, dated 24 October 1946 (2 indorsements).

b. Letter, Kyushu Military Government Region, subject: Cessation of Operation of Caustic Soda Plant of the Asahi Kasei Kogyo Kabushiki Kaisha at Nobeoka, dated 24 October 1946 (2 Indorsements)

c. Letter, Headquarters Yamagata Military Government Team, subject: Petition from Nisshin Electro-Chemical Co., Ltd., Yamagata-shi, Yamagata-ken, Honshu, Japan, to Continue Operations, dated 31 October 1946 (2 indorsement).

d. Letter, Kyushu Military Government Region, subject: Shutdown of Soda and Caustic Soda Plants, dated 2 November 1946 (2 indorsement)

e. Letter, Headquarters Aichi Military Government Team, subject: Application from the Toa Gosei Kagaku Kogyo K.K., Nagoya Plant to Continue Operations, dated 7 November 1946 (3 indorsements)

00 COPY 00

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BASIC: Ltr, GHQ, SCAP, APO 500, file AG 387.6 (26 Dec 46)  
ESS/IN, dated 26 Dec 46, subject: Proposed Shutdowns  
of Caustic Soda and Other Plants, to CG, Eighth Army,  
APO 343

f. Letter, Headquarters Osaka Military Government  
Team, subject: OI- $\frac{1}{2}$  Inspection Report of Mitsubishi Kogyo  
K.K., Yodogawa Plant, 55 Ebieshi-machi, Yodogawa, Osaka  
(Soda 32-132), dated 15 November 1946 (2 indorsements)

BY COMMAND OF GENERAL MacARTHUR:

A J REHE  
Major, AGD  
Asst Adj Gen

COPY



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HEADQUARTERS I CORPS  
APO 301 (Kyoto, Honshu)

EMH/ckw

7 JAN 1947

AG 004 - BA

SUBJECT: Proposed Shutdowns of Caustic Soda and Other Chemical Plants

TO: Commanding Officer, Kyushu Military Government Region, APO 929  
Commanding Officer, Tokai-Hokuriku Military Government Region,  
APO 710  
Commanding Officer, Osaka Military Government Team, APO 660

1. Attention is invited to letter, Supreme Commander for the Allied Powers to Commanding General, Eighth Army, AG 387.6 (26 December 1946) ESS/IN, subject: "Proposed Shutdowns of Caustic Soda and Other Chemical Plants", dated 26 December 1946, attached as inclosure number 1.

2. Plants listed in SCAPIN-1129 will be permitted to continue operation as indicated in paragraph 1 of the inclosure.

BY COMMAND OF MAJOR GENERAL WOODRUFF:

*H. B. Taylor*  
H. B. TAYLOR  
MAJOR, A.C.P.  
ASST. ADJ. GEN.

1 Incl:  
Ltr, SCAP to CG, Eighth Army,  
AG 387.6 (26 Dec 46) ESS/IN,  
subji: "Prop. Shutdowns of  
Caus. Soda & Other Chem.  
Plants."

TOKAI-HOKURIKU MG

+4592

2nd, Nov. 1946.

TO : Aichi Military Government Team

FROM : Toa Gosei Chemical Industry Co., Ltd.  
No.143 Shows-cho, Min-to-ku, Nagoya.

SUBJECT : Report on the plant of Liquid Chlorine

1. Amount of Liquid Chlorine expected to be produced by each plant during Nov. Dec. Jan. Feb. March.

Item	Month	Production expected
Liquid Chlorine	Nov.	100 Metric Tons
	Dec.	none
	Jan.	"
	Feb.	"
	Mar.	"

Remarks : In November, from 1st to 28th, the amount of liquid chlorine produced amounts to 107,3 metric tons. On the 28th we have stopped our operation owing to the lack of raw material (raw salt) and as we are not authorized to resume operation we have no means of getting the raw material and production hereafter cannot be expected. But when permitted to operate our plant and enough amount of raw material be given we can produce more than 150 metric tons each month.

-: 2 :-

2. The monthly capacity of each plant.

nominal capacity: 200 metric tons per month.

Remarks : A part of our plant was damaged by a fire at 6th, May this year. By 16th Oct. this year one set of the equipment has completely been restored from fire damage. The present capacity of liquid chlorine is 150 metric tons. The other two sets will be restored by the end of January 1947, and the monthly capacity will rise to more than 250 metric tons.

3. The factors affecting production other than reparation requirement.

nothing

4. Steps being taken to increase or resume production in order to produce at maximum capacity.

nothing

5. Date plant will resume operation if it is currently shut down and amount of chlorine expected to be produced during first month of operation.

We can manufacture it immediately .

5 metric tons every day, if we obtain raw salt.

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

GJO'B/as

6 December 1946

SUBJECT: Report of Chlorine Production.

TO : Hq. Tokai-Hokuriku Military Government Region,  
APO 710.

1. The following report is submitted in reply to a letter from Hq. Tokai-Hokuriku Military Government Region dated 21 November 1946, subject: Liquid Chlorine Production.

a. Only one plant in this prefecture, Toa Gasei Chemical Industry Co. Ltd. #1A3 Shewa-cho Minato-ku, Nagoya, is a producer of Liquid Chlorine. The production of this plant in November was 100 metric tons. There will be no production in December due to lack of raw materials, but if sufficient raw materials are obtained 150 metric tons per month can be produced.

b. Due to the fact that SCAP ordered this plant to close by 1 December 1946 as a reparations object this plant was unable to obtain advance supplies, and since salt, which is the main necessary raw material, is only obtainable through the Central Government allotment in the event of large imports, this plant must close until such materials allotted to it.

c. The plant is currently making every effort to obtain an allotment from the central government, having just received permission to continue operation, but it is not known at what date it will be possible to recommence operation.

FOR THE COMMANDING OFFICER:

ROBERT W. HUTCHESON  
Capt CMP  
Adjutant

**CONFIDENTIAL**

JP/NAG/13423

CIVIL CENSORSHIP DETACHMENT

CIS - MIS - GHQ - SCAP

APO 500

FROM:

LIST:

TO:

LIST:

TOA GOSSEI KAGAKU KOGYO K.K.  
 東亜合成化学工業株式会社  
 (Toa Synthetic Chemical Industry  
 Co., Ltd.) Nagoya Plant  
 143, Showa-cho, Minato-ku,  
 Nagoya-shi, (Japan)

MIE-KEN NOGYOKAI  
 三重県農業会  
 (Mie Pref. Agricultural  
 Association)  
 69, Hasho-cho, Tsu-shi,  
 (Mie-ken, Japan)

DISTRIBUTION:

STA LOCAL:

Tok Hbk MG  
 I MG  
 Aichi MG

Date of Commun:

18 Nov 46

Dispos of Commun:

Passed

Eval-Alloc:

Type of Commun:

Letter

Language:

Japanese

Prev. Records:

Numerous. JP/NAG/10224  
 JF/NAG/11239

Prep. date:

26 Nov 46

Comment by:

D J-2708

## COMMENT

**CHEMICALS:** 19 TONS OF AMMONIUM SULPHATE FERTILIZER SHIPPED TO AGRICULTURAL ASSOCIATIONS IN MIE-KEN

Communication contains sender's report on fertilizer shipping to two branches of addressee;

1. Shipper: Sender
2. Consignees:
  - Ayama-gun branch of addressee
  - Taki-gun " " "
3. Item: Ammonium sulphate fertilizer
4. Quantity:
  - 213 bales Ayama-gun
  - 213 " Taki-gun
  - 1 bale contains 45 Kg (Ex: 1 Kg equals 2.2 lbs.)
5. Date of shipping: 18 November 46."

**Examiner's Note:** Toa Gosei Kagaku Kogyo K.K., a subsidiary of Toyo Reiyon K.K., is a limited concern. Source: Memo. for IJG, file AG004( 8 Jun 46) ESS/AC. Previous Records, JP/NAG/10224, dated 21 Sep 46, from Toa Gosei Kagaku Kogyo K.K., Nagoya Plant, to Mie-ken Nogyokai, reports that 70 tons of ammonium sulphate shipped by sender to addressee; JP/NAG/11239, dated 18 Oct 46, from Toa Gosei Kagaku Kogyo K.K., Nagoya Plant, to Mie-ken Nogyokai, contains the sender's invoice for 90 tons of ammonium sulphate shipped to the six branches of addressee.

**Inclosures:** 1  
 1 report

NOTICE: Distribution of the information contained in this document obtained from private communication will be confined solely to those officials military and /or civilian who are specifically authorized to receive such information.

**CONFIDENTIAL**

**CONFIDENTIAL**

JF/NAG/13289

CIVIL CENSORSHIP DETACHMENT

CIS - MIS - GHQ - SCAP

APO 500

FROM:	LIST:	TO:	LIST:
TOA GOSEI KAGAKU KOGYO K.K. 東亞合成化学工業株式会社 (Toa Synthetic Chemical Industry Co., Ltd.) Nagoya Industrial Works 143, Showa-cho, Minato-ku, Nagoya-shi, (Japan)		AICHI-KEN NOGYO KAI 愛知県農業会 (Aichi Pref. Agricultural Association) Anjo-cho, Hek'ei-gun, Aichi-ken. (Japan)	

DISTRIBUTION: STA LOCAL: Aichi MG Tok Hok MG I WG	Date of Commun:	Dispos of Commun:	Eval-Alloc:
	22 Nov 46	Passed	
	Type of Commun:	Language:	Prev. Records:
Letter	Japanese	Numerous: JF/NAG/10477 JF/NAG/11635	
Prep. date:	Comment by:		
26 Nov 46	D J-2676		

COMMENT

CHEMICALS: 4,468 BALES OF AMMONIUM SULPHATE SHIPPED TO BRANCHES OF AICHI PREFECTURAL AGRICULTURAL ASSOCIATION

Communication contains sender's report on shipment of ammonium sulphate:

----- (Continued)

NOTICE: Distribution of the information contained in this document obtained from private communication will be confined solely to those officials military and/or civilian who are specifically authorized to receive such information.

**CONFIDENTIAL**

Confidential

JP/NAG/13489

<u>Date of Shipment</u>	<u>Consignor</u>	<u>Consignee</u>	<u>Quantity</u>
18 Nov 46	TOA GOSEI KAGAKU KOGYO K.K.	AICHI-KEN NOGYOKAI, Hoi Branch	213
"	- " -	- " - Ama Branch	213
"	- " -	- " - Kamo Branch	319
19 Nov 46	- " -	- " - Hazu Branch	319
"	- " -	- " - Tsuyo Branch	319
"	- " -	TOYOHASHI-SHI NOGYOKAI (Toyohashi Municipal Agricultural Assn.)	319
"	- " -	AICHI-KEN NOGYOKAI, Atsumi Branch	319
"	- " -	- " - Hoi Branch	319
20 Nov 46	- " -	- " - Kamo Branch	532
"	- " -	- " - Hekai Branch	745
"	- " -	- " - Toyama Branch	319
"	- " -	- " - Hoi Branch	319
"	- " -	- " - Nakashima Branch	213
		Total	4468 bales

Examiner's Note: Toa Gosei Kagaku Kogyo K.K., a subsidiary of Toyo Reiyon K.K., is a limited concern. Source: Memo. for IJG, file AG 004 (8 June 46) ESS/AC.

Previous Records, JP/NAG/10477, dated 1 Oct 46, from Toa Gosei Kagaku Kogyo K.K., Nagoya Plant, to Aichi-ken Nogyo Kai, contains the sender's report on shipment of 190 tons of ammonium sulphate to addressee; JP/NAG/11635, dated 24 Oct 46, from Toa Gosei Kagaku Kogyo K.K., Nagoya Plant, to Aichi-ken Nogyo Kai, contains the sender's delivery notice for 110 tons of ammonium sulphate to various branches of addressee.

Inclosures: 3  
3 reports

Confidential

*File Toa Gosei*

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Copy

W

2nd, Nov. 1946.

TO : Aichi Military Government Team  
 FROM : Toa Gosei Chemical Industry Co., Ltd.  
 No.143 Showa-cho, Minato-ku, Nagoya.  
 SUBJECT : Reports on the plant of Liquid Chlorine

1. Amount of liquid chlorine expected to be produced by each plant during Nov. Dec. Jan. Feb. March.

Item	Month	Production expected
Liquid Chlorine	Nov.	100 Metric Tons
	Dec.	none
	Jan.	"
	Feb.	"
	Mar.	"

Remarks : In November, from 1st to 28th, the amount of liquid chlorine produced amount to 107,3 metric tons. On the 28th we have stopped our operation owing to the lack of raw material ( raw salt ) and as we are not authorized to resume operation we have no means of getting the raw material and production hereafter cannot be expected. But when permitted to operate our plant and enough amount of raw material be given we can produce more than 150 metric tons each month.



--: 2 :-

2. The monthly capacity of each plant.

Nominal capacity : 200 metric tons per month.

Remarks : A part of our plant was damaged by a fire at 6th, May this year. By 16th, Oct. this year one set of the equipment has completely been restored from fire damage. The present capacity of liquid chlorine is 150 metric tons. The other two sets will be restored by the end of January 1947, and the monthly capacity will rise to more than 250 metric tons.

3. The factors affecting production other than reparation requirement.

Nothing

4. Steps being taken to increase or resume production in order to produce at maximum capacity.

Nothing

5. Date plant will resume operation if it is currently shut down and amount of chlorine expected to be produced during first month of operation.

We can manufacture it immediately 5 metric tons every day, if we obtain raw salt.

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

000B/as

5 December 1946

SUBJECT: Continuance of Operation.

THROUGH: The Japanese Liaison Office, Nagoya.

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

You are hereby notified that you are authorized to continue operation until otherwise notified by this headquarters.

FOR THE COMMANDING OFFICER:

ROBERT W. HUTCHESON  
Capt CMP  
Adjutant

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

25 November 1946

SUBJECT: Production and Raw Materials Information.

TO . TOAGOSEI KAGAKU KOGYO K.K., Nagoya Kojo,  
Nagoya Shi.

1. Information requested on the attached form (MGP 30) will be given in detail and complete to include part 13 and 14 on the reverse side of the sheet.
2. The estimated date of completion of production for the occupation forces is 30th November 1946.
3. The estimated amount of raw materials on hand at the completion of production will be:

TYPES	QUANTITIES
Raw Salt	none

4. This report is to be completed and returned to the Liaison Office, Aichi Prefecture Building, not later than noon (1200 hrs) Thursday, 28 November 1946.

FOR THE COMMANDING OFFICER:

*Robert W. Hutcheson*  
ROBERT W. HUTCHESON  
Capt. CMP  
Adjutant

MGP 30

EXPEDITORS REPORT

Date <sup>2 Dec</sup> ~~22 Nov.~~ 1946.

1. Company name. Toa Gosei Chemical Industry Co., Ltd. Nagoya Branch.
2. Street address: No.143 Showa-cho, Minato-ku, Nagoya.
3. Telephone. 8-1400 Resident manager: Mihomaru Yoshimura
4. Indicate whether on hand:

Sample <sup>none</sup> Approved by <sup>-</sup> Date <sup>-</sup>  
 Specs **Liquid Chlorine** Approved by **H.Q., The 8th Army** Date **12 Nov. 1946.**  
 5. Raw materials: <sup>55,500 Kgs.</sup> (Type & quantities requested, allocated, on hand, due, critical factors) <sup>(Thru Soda Hambei K. Co.)</sup>

Raw Salt none ( Refer to 10. )

6. Packing materials: (Type & quantities requested, allocated, on hand, due, critical factors)

Bottles for Liquid Chlorine 7,265  
 " for Oxygen 5,468

7. Shipping instructions: (Knowledge of consignee, method of transportation, critical factors)

Kyoto Water Works Bureau, by Railway,

8. Inspection: (Comparison to standard, tests, workmanship, compliance w/specs)

9. Factory data: (No. of shifts, employees, equipment, space, organization)

2 Shifts employees; 1,436 equipment; Ammonium Sulphate, Caustic Soda, Liquid Chlorine, Oxygen, and etc..

10. Remarks: (Completed stocks on hand, difficulties, anticipated delays, date and amounts of next delivery, will schedule be met, opinions)

stocks; Liquid Chlorine 80,800 Kgs.

Our Caustic Soda and Chlorine plants are specified as a part of reparations and the operation ~~was~~ ceased 1 Dec. 1946 by order of Headquarters, Aichi Military Government Team.

11. Action taken locally:

12. Recommendations:

*[Signature]*  
 Expediter

Forward copies in triplicate directly to Military Government Section, Headquarters Eighth Army, APO 343, attention Procurement Division. Attach copies of any manufacturers catalogues or other printed matter indicating size, type, or capabilities of company.

13. Order data.

PD or LD No.	Item No.	Item	Total Quantity	Unit	Scheduled Delivery Dates-Amts	Actual Delivery Dates-Amts	Rmks
ACHD'-134	1	Calcium Hypochlorite	750	Kgs	25 July '46	10 July '46 150 Kgs 19 Sept. '46 600 Kgs	
ACHD'-206		Oxygen	218	m <sup>3</sup>	—	from 14 Sept. to 9 Oct. '46	
		Liquid Chlorine	55,500	Kgs	15 Nov. '46	7 Nov. '46 2,000 Kgs 14 Nov. '46 7,500 Kgs 16 Nov. '46 7,500 Kgs 19 Nov. '46 12,900 Kgs 26 Nov. '46 7,500 Kgs	Thru Soda Hanbai K.K.
		Liquid Ammonia	550	Kgs	—	from 14 Aug. '46 to 23 Nov. '46	Thru Ryushosen Hanbai K.K.

14. Production data. (Refer to 13 above, include non-occupation force production.)

PD or LD No.	Item No.	Item	Actual capacity per month	Potential capacity per month	Remarks (potential capacity obstacles)
		Calcium Hypochlorite	1,200 Tons	1,200 Tons	
		Oxygen	150,000 m <sup>3</sup>	324,000 m <sup>3</sup>	
		Liquid Chlorine	200 Tons	250 Tons	
		Liquid Ammonia	30 Tons	30 Tons	



13. Order data.

PD or LD No.	Item No.	Item	Total Quantity	Unit	Scheduled Delivery Dates-Amts	Actual Delivery Dates-Amts	Rmks
ACND 134	1	Calcium Hypochlorite	750	Kgs	25 July 46	10 July 46 150 Kgs 19 Sept 46 600 Kgs	
ACND 206		Oxygen	218	m <sup>3</sup>	---	from 14 Sept. to 9 Oct. 46	
		Liquid Chlorine	55,500	Kgs	15 Nov. 46	7 Nov. 46 2,000 Kgs 14 Nov. 46 7,500 Kgs 16 Nov. 46 7,500 Kgs 19 Nov. 46 12,900 Kgs 26 Nov. 46 7,500 Kgs	Thru Soda Hanbai K.K.
		Liquid Ammonia	550	Kgs	---	from 14 Aug. to 23 Nov. 46	Thru Hyushosan Hanbai K.K.

14. Production data. (Refer to 13 above, include non-occupation force production.)

PD or LD No.	Item No.	Item	Actual capacity per month	Potential capacity per month	Remarks (potential capacity obstacles)
		Calcium Hypochlorite	1,200 Tons	1,200 Tons	
		Oxygen	150,000 m <sup>3</sup>	320,000 m <sup>3</sup>	
		Liquid Chlorine	200 Tons	250 Tons	
		Liquid Ammonia	30 Tons	30 Tons	

775013

MESSAGEFORM		MESSAGE CENTER No.	TRANSMITTING MEANS	CRYPTOGRAPH OR CLEAR TEXT			
				<i>Pio Toa Josen</i> (x)			
CALLS	STA. SER. No.	PRECEDENCE	TRANSMISSION INSTRUCTIONS	ORIGINATOR	DATE-TIME GROUP		
K73      V      P95	NR 2	ROUTINE					
ACTION	INFORMATION		EXEMPT	OPERATING SIGNALS	GROUP COUNT		
					GR		
SPACE ABOVE FOR SIGNAL CENTER ONLY							
FROM: (Originator) CG I CORPS APO 301 291025/I			SECURITY CLASSIFICATION				
ACTION TO: • TO CO TOKAI-HOKURIKU MIL GOVT REGION APO 710 • •			PRECEDENCE FOR INFORMATION				
			ACTION			INFORMATION	
			<input type="checkbox"/> ORIGINAL MESSAGE				
INFORMATION TO: INFO GR 50 CITE KF (00313)			REFERS TO ANOTHER MESSAGE IDENTIFICATION				
			CLASSIFICATION				
<p>REURAD KING FOX XRAY NAUGHT NAUGHT NINE FIVE EIGHT CMA DATED FOUR NOVEMBER ONE NINE FOUR SIX CMA REGARDING SHUTDOWN OF SODA PLANTS DESIGNATED FOR REPARATIONS PD ALL SODA PLANTS DESIGNATED FOR REPARATIONS CMA LOCATED IN YOUR REGION CMA ARE AUTHORIZED TO CONTINUE OPERATION UNTIL FURTHER NOTICE END</p> <p style="text-align: center;">WOODRUFF</p> <p>OFFICIAL</p> <p>BT</p> <p style="margin-top: 20px;">TOS V K73 NR 2 291413/I (S-J-0) TOR V P95 291413/ITEM J F L</p> <p style="margin-top: 10px;"><i>Recd. 29<sup>th</sup> Nov</i></p>							
SECURITY CLASSIFICATION			AUTHORIZATION				
ORIGINATING AGENCY			SIGNATURE				
SYMBOL	DATE-TIME GROUP	OFFICIAL TITLE		PAGE OF			

NOV 29 1945



Mr. J. J. J. J.

Toa Gosei

21 November 1946

Immediate release Authorized  
to Home Ministry. Signed  
Clowne cylinders from  
Plants listed below.

Toa Gosei  
4700 H.

Nagoya.

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

CJO'B/hl

22 November 1946

**SUBJECT:** Application for Exemption from Reparations from the Mayor of Nagoya

**TO :** Commanding Officer, Tokai-Hokuriku  
Mil Govt Region, APO 710  
Attn: Res, Comm & Ind Officer

1. Transmitted herewith in quintuplicate is an application for exemption from reparations of the Toa Gosei Kagaku Kogyo K.K., Nagoya Plant from the Mayor of Nagoya.

2. This OD-5 (01-37) plant is a producer of caustic soda, chlorine and chlorine chemicals. The city government states that there is no alternate source for chlorine in this city to meet the demands for purification of the city water supply and that a very critical situation will result if this plant is forced to close.

3. These facts appear to be true and in view of the fact that the health problem concerned will definitely affect the occupation forces this headquarters recommends that this plant be exempted or at least be permitted to operate until an alternate source can be found for chlorine.

4. An application from the subject company to continue operation was forwarded under date of 7 November 1946 with full information concerning the production of this company. Immediate action is requested on this matter inasmuch as the plant is at present instructed to close on 1 December 1946.

FOR THE COMMANDING OFFICER:

Incl:  
1. Application  
(3 copies)

ROBERT W. HUTCHINSON  
Captain                      CJP  
Adjutant

Confidential

JP/NAG/12280

CIVIL CENSORSHIP DETACHMENT  
CIS - MIS - GHQ - SCAP  
APO 500

14 November 1946

FROM: TOA GOSKI KAGAKU KOGYO K.K.  
東亜合成化学工業株式会社  
(Toa Synthetic Chemical  
Industry Co., Ltd.)  
Nagoya Plant  
143, Showa-machi, Minato-ku,  
Nagoya-shi, (Japan)

TO: RYUAN HIRYO SEIZOGYO KUMIAI  
元硫子肥料製造業組合  
(Ammonium Sulphate Fertilizer  
Mfr. Asan.)  
5, Tomizawa-cho, Nihombashi-ku,  
Tokyo-to, (Japan)

<u>DISTRIBUTION:</u>	STA LOCAL	Date of Commun:	Disposition of Commun:
	Aichi MG	31 Oct 46	Passed
	I MG	Type of Commun:	Comment by:
	Tok Hok MG	Letter	B J-2637
		Language:	Previous Records:
		Japanese	JP/NAG/10314 JP/NAG/11945

COMMENT

CHEMICALS: SENDER'S TELEGRAM INDICATES STOCK OF SULPHATE ORE  
TOTALING 1,971 TONS

Communication contains a duplicate of sender's telegram dated 30 October  
1946 on stock of sulphate and coal:

Quantity of stock:	
Item: Sulphate ore	1,971 tons
Coal	131 tons

Examiner's Note: Toa Gosei Kagaku Kogyo K.K., is a limited concern.  
Source; Memo. for IJG, file MG 004 (8 Jun 46) ESS/AC.  
Previous records, JP/NAG/10314, dated 27 September 1946, from Dowa Kogyo  
K.K., Sakuhara Kozan, to Toa Gosei Kagaku Kogyo K.K., Nagoya Works, contains  
the sender's shipping notice covering 2,300 tons of iron sulphide ore  
to addressee; ----- (Continued)

NOTICE: Distribution of the information contained in this document  
obtained from private communication will be confined solely to those  
officials military and/or civilian who are specifically authorized to  
receive such information.

Confidential

Confidential

JP/NAG/12280

JP/NAG/11945, dated 26 October 1946, from Toa Gosei Kagaku Kogyo K.K., Nagoya Works, to Wakuhara Kozan, contains the sender's receipt on 361 tons of iron sulphide ore from addressee during September - October 1946.

Inclosures: 1  
1 confirmation

Confidential

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

CJO'B/hi

7 November 1946

**SUBJECT:** Permission to Continue Operation.

**TO :** Tea Gosei Kagaku Kogyo K.K., Nagoya  
Branch, #143, Showa-cho, Minato-ku,  
Nagoya.

**THRU :** Japanese Liaison Office, Nagoya

1. You are hereby authorized to continue operation until 1 December 1946, at which time all operation will cease.

2. This order rescinds all previous orders to cease operation.

FOR THE COMMANDING OFFICER:

ROBERT W. HUTCHESON  
Captain                      CMP  
Adjutant

HEADQUARTERS  
TOKAI-HOKURIKU MIL GOVT REGION  
APO 710 (Nagoya, Honshu)

GNM/ss

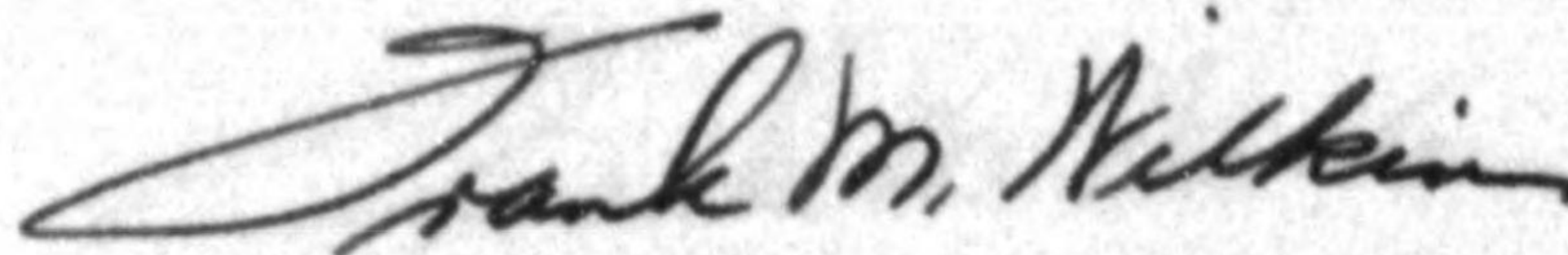
5 Nov 1946

SUBJECT: Letter of Transmittal

TO : Commanding Officer, Aichi Military Government Team,  
APO 710

Transmitted herewith is telegram for your information  
and necessary action.

BY ORDER OF COLONEL BURNELL:

FRANK M. WILKINS  
Maj FA

1 Incl:

1. Telegram authorizing continued operation  
of Caustic Soda Plants.

NOV 7 1946-3087

CG, I CORPS APO 301  
CO, TOKAI-HOKURIKU MIL GOVT REGION APO 710

UNCLASSIFIED

ROUTINE

cite KFX 00768

REGURAD KING FOX XRAY NAUGHT NAUGHT SEVEN SIX EIGHT CMA  
DATED TWO ONE OCTOBER CMA WITH REGARDS TO SHUTDOWN OF CAUSTIC  
SODA PLANTS DESIGNATED FOR REPARATIONS PD THE FOLLOWING SODA  
PLANTS MAY CONTINUE FULL OPERATION TO DATES AS INDICATED CLN  
NIPPON SODA KING KING CMA TAKAOKA PLANT CMA ONE DECEMBER ONE  
NINE FOUR SIX SMCLN TOA GOSEI KAGAKU KING KING CMA FUSHIKI PLANT  
CMA ONE FIVE DECEMBER ONE NINE FOUR SIX SMCLN TOA GOSEI KAGAKU  
KING KING CMA NAGOYA PLANT CMA ONE DECEMBER ONE NINE FOUR SIX  
PD PLANTS WILL CEASE OPERATION ON ABOVE DATES CMA UNLESS FURTHER  
AUTHORITY TO CONTINUE OPERATION IS GRANTED BY HIGHER HEADQUARTERS  
END

WOODRUFF

OFFICIAL

UNCLASSIFIED

BA 041125L

T. O. O. 1125 Hours  
4th Nov

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

GJO'B/hi

7 November 1946

**SUBJECT:** Application from the Toa Gosei Kagaku  
Kogyo K.K., Nagoya Plant to Continue  
Operation.

**TO :** Commanding Officer, Tokai-Hokuriku  
Mil Govt Region, APO 710  
Attn: Res, Comm & Ind Officer

1. Transmitted herewith in quintuplicate  
is a petition from the Toa Gosei Kagaku Kogyo K.K.,  
Nagoya Plant to continue operation.

2. This OD-5 (01-87) Soda Ash and Caustic  
Soda plant has been ordered to close down by  
1 December 1946. This plant claims that loss of  
the soda making, and chlorine products making  
facilities will be a great hardship in this area.

3. This headquarters having no information  
on the overall production of Japan forwards this  
application without recommendation.

FOR THE COMMANDING OFFICER:

Incls:

1. Petition  
(5 copies)
2. Recommendation  
(5 copies)

ROBERT W. HUTCHESON  
Captain           CMP  
Adjutant



AICHI PREFECTURAL GOVERNMENT

Nov. 1st, 1946.

TO : Aichi Military Government Team  
THRU : Japanese Liaison Office, Nagoya.  
SUBJECT : Petition for Permission for Continuance  
of Plant Operation

The Aichi Prefectural Government is transmitting to the Aichi Military Government Team the petition, dated Oct., 27th, '46, submitted by the To-a Gosei Chemical Industry Co., Ltd., asking for permission for continuance of plant operation.

On receiving Aichi Military Government Directive dated Oct., 26th, '46, requesting to reduce operation of the said plant to one half of the present total production by Oct., 31st, '46 and to discontinue operation fully by Nov. 15th, '46, the Aichi Prefectural Government lost no time in getting in touch with the said plant accordingly. But in view of the importance of the products manufactured by the said plant, especially to Tokai districts, it is earnestly desired that the operation would be permitted as before so as to evade confounded confusion which many an important industry would be thrown into by the suspension of the production of the said plant.

The descriptions of the petition are all correct and it will be much appreciated if the Aichi Military Government Team would be good enough to pay a special attention to this.

*Mikine Kuwahara*  
MIKINE KUWAHARA. S. S.

Governer : Aichi Prefecture.

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Oct. 27th, 1946. *J*

TO : The Commanding Officer,  
Aichi Military Government Team.

FROM : To-a Gosei Chemical Industry Co., Ltd., Nagoya.

Dear Sir,

Re : Petition for Permission for Continuance of  
Plant Operation

With reference to our petition dated Oct. 27th, 1946, asking for your permission to continue our Soda Plant ( Eastern Plant of our Nagoya Branch ) operation, we are enclosing our Products Distributing Plan designated by the Japanese Government for the second quarter of this year, from which kindly understand how many industries are relying upon our plant for the supply of Caustic Soda, hydrochloric Acid, Bleaching Powder and Liquid Chlorine.

Yours sincerely,

MIHOMARU YOSHIMURA

Representative Director,  
To-a Gosei Chemical Industry Co., Ltd.

Oct. 27th, 1946.

TO : The Commander Officer,  
Aichi Military Government Team.

FROM : To-a Gosei Kagaku Kogyo Kabushiki Kaisha, Nagoya.  
( To-a Gosei Chemical Industry Co., Ltd. )

Dear Sir,

Re : Petition for Permission for Continuance of  
Plant Operation.

We are more than grateful to you for your kind attention paid to our petition dated Sept. 11th, 1946 asking for exemption of our caustic soda plant ( Eastern Plant of To-a Gosei Chemical Industry Co., Ltd., Nagoya ) from custody order SCAP-1129 dated Aug. 13th, 1946.

Recently, we received Japanese Government Order to cease all the operations of our caustic soda plant on and after Nov. 15th, 1946. As we explained in our previous petition, our caustic soda plant, so far as Tokai Districts are concerned, is the only supplying source of soda products which are most important and indispensable for manufacturing foodstuffs, clothing, chemicals for public health and other necessities for civilian life. If the operation of our plant be stopped, many factories that depend upon the said plant for the supply of materials, especially the following items, would have to face not a little impediencce against their operation :

..... P. T. O. ....

-----: 2 :-----

## ( 1 ) Caustic Soda :

Our plant ( Western Plant of To-a Gosei Chemical Industry Co., Ltd., Nagoya ) is now manufacturing Ammonium Sulphate for which production self-supplied caustic soda is used to obtain electrolytic hydrogen and nitrogen from the air. Besides, we are supplying caustic soda to Japan Fertilizer Co., Ltd., Yokkaichi and many other fertilizer plants. Without the supply of this chemical, the increase of fertilizer production, now imminently called for in Japan, would be least attained and the suspension of our caustic soda production would mean eventual stoppage of the fertilizer production not only in our plant but in most fertilizer plants in Japan.

At the same time, we are supplying caustic soda to Japan Spinning Co., Ltd., Ogaki and many other textile factories for pulp aging. The suspension of our supply would result in a curtailment to a great degree of cloth production.

## ( 2 ) Liquid Chlorine :

At the request of the Eighth Army we are supplying Liquid Chlorine to water supply bureaus of main cities, such as Osaka, Kobe, Kyoto and Nagoya for sterilizing and disinfecting drinking water and sewage which is quite indispensable for maintaining public health. Months ago, our liquid chlorine plant sustained an incidental damage and our production was suspended, to the worry of these city authorities. We, however, managed to fulfil their heavy demands with our stock without any great hitch.

..... P. T. O. ....