DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

GHQ/SCAP Records (RG 331, National Archives and Records Service)

Description of contents

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(2) Folder title/number: (5)
Toa Gosei Kagaku Kogyo - Fushiki Plant

(3) Date: Sept. 1946 - Mar. 1951

(4) Subject:

Classification	Type of record
9230, 9621	z

(5) Item description and comment:

Toyama

(6) Reproduction: (Yes) No

(7) Film no. Sheet no.

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DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

COMPLETE INVENTORY LIST OF ALL REPARATION MACHINES AND EX. MACHINES AISO LAND AND BUILDINGS DESIGNATED FOR REPARATIONS AT THE FOLLOWING PLANT

Name of Plant	Location	Code No	Remarks
FUSHIKI PLANT, TOA GOSEI KAGAKU KOGYO K.K.	90, SHINJIMA, FUSHIKI, TAKAOKA-SHI	42-9 22-25-(A) (GOVT OWNED	CAUSTIC SODA MAIZURU 3rd POWDER MILL

4

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

TOA GOSEI KAGAKU KOGYO CO., LTD.
FUSHIKI PLANT.

No.90, Fushiki-Shinshima,
Takaoka city, Toyama Pref.

Sept. 24, 1949.

To: Chief of the Toyama Civil Affairs Team.

Thru: The Commercial and Industrial Section of Toyama Prefectural Office.

Subject: Survey of the Equipments designated to be under Control.

We hereby present to you the following report on the subject mentioned above.

1. The list of the machines used at present (Sept.20) - the ones on the Inventory only -

   On the following pages.

2. Number of the blocks and area of the sites of the buildings designated as reparation matters.

Locality of the building	Number of the blocks	Area of the sites (m^2)
Fushiki	24	7,466

3. The list of EX machines (Sept. 20)

   On the following pages.

   Note: The number of the machines which are not on the Inventory, is 453.

(Sgd) Jo K. Kawaguchi
For Master of Fushiki Plant,
Toa Gosei Kaguku
Kogyo Co., Ltd.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

List of Machines — Fushiki Plant.

Code No.		Name of Machine	Remarks
I, A.1	1 - 9	Electrolytic cell	D. S.
III,B.2	1 - 2	Brine pump	"
I, A.3	14 - 15	Preheating kettle	"
I, A.3	16 - 19	Caustic fusion kettle	"
I, A.2	1	Double effect vacuum evaporator	"
I, A.3	9	Weak caustic preheator	"
I, A.3	10	Condenser	"
III,B.1	3	Vacuum pump	"
I, A.3	11 - 13	Strong caustic liquor cooler	"
III,B.2	19 - 21	Weak caustic liquor feed pump	"
III,B.2	22 - 23	Drain pump	"
III,B.2	24 - 25	Feed water pump	"
III,B.2	26	Drain pump	"
III,B.2	27	Strong caustic liquor pump	"
III,B.2	28 - 29	Washing solution pump	"
III,B.2	30	Recovered liquor pump	"
II, A.3	1 - 3	Motor generator	"
II, B.2	4 - 6	Switch M-G G side	"
II,B. 1	20 - 23	Transformer	"
I, A.3	1	Air receiver	"
III,B.1	1	Air compressor	"
III,B.2	3 - 4	Brine pump	"
III,B.2	5 - 6	Pump for the mud	"
III,B.2	8 - 11	Brine pump (3" and 3")	"
III,B.2	7	Pump for the soda ash liquor	"

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

Code No.	Name of Machine	Remarks
I, A.3 2	Elevator	U
I, A.3 3	Reducing machine for the screw conveyor	"
I, A.3 4	Screw conveyor (downstairs)	"
I, A.3 5	Reducing machine for the screw conveyor	"
I, A.3 6	Air receiver	"
I, A.3 7	Soda ash dissolving tank	"
I, A.3 8	Caustic liquor storage	"
III,B.1 2	Air compressor	"
III,B.2 12 - 13	Pump for the saturation tank	"
III,B.2 15	Brine pump	"
III,B.2 16	Brine pump	"
III,B.2 17	Pump for the mud	"
III,B.2 14	Soda ash liquor pump	"
I, A. 1 30-74	Electrolytic cell	"
I, A.3 25 - 26	Caustic soda receiver	"
I, A.3 27	Travelling hoist	"
II, A.2 8 - 10	Geared motor for the cell (10 HP)	"
II, A.2 11 - 12	Chlorine gas blower motor (15 HP)	"
III,B.2 39 - 42	Brine pump (C),(E)	"
III,B.2 43	Caustic soda pump	"
III,B.2 44	Sulphuric acid pump	"
III,B.2 45	Sulphuric acid feeding pump	"
III,B.2 46	Water feeding pump	"
III,B.2 47	Hydrochloric acid pump	"
I, A.3 23 - 24	Caustic soda receiver	"

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

Code No.	Name of Machine	Remarks
III,B.2 35 - 36	Water feeding pump	U
III,B.2 37	Caustic soda pump	"
III,B.2 38	Caustic soda pump dia. 75 mm.	"
II,A.2 6 - 7	Motor for the hydrogen gas blower (10 HP)	"
I, A.3 20 - 21	Caustic soda storage	"
I, A.3 22	Travelling hoist	"
II,A.2 1 - 2	Motor for the cell (12 KW)	"
II,A.2 3 - 4	Motor for the chlorine gas blower	"
II,A.2 5	Motor for the hydrogen gas blower	"
III,B.1 4	Air compressor	"
III,B.2 31 - 32	Brine pump	"
III,B.2 33	Caustic soda pump	"
III,B.2 34	Motor feeding pump	"
III,B.2 51	Motor feed pump	"
II, A.2 13	Chlorine gas blower motor 25 HP	"
III,B.1 5	Air compressor	"
III,B.1 6	Rotary ammonia compressor	"
III,B.1 7	Vertical ammonia compressor	"
III,B.2 52	Brine pump	"
II, A.2 14	Chlorine gas blower motor (5 HP)	"
II, A.2 15 - 16	Chlorine gas blower motor (30 HP)	"
III,A.3 1 - 2	Lancashire boiler	"
III,A.3 3 - 4	- " -	"
III,B.2 48 - 49	2" Turbine pump	
III,B.2 50	Washington pump	

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

Code No.	Name of Machine		Remarks
II, B.1 1 - 3	Transformer	75 K.V.A.	U
II, B.1 4	- " -	35 K.V.A.	"
II, B.2 1 - 3	Switch	M-G M side	"
II, B.2 7	"	75 T - H.T.	"
II, B.2 8	"	35 T - H.T.	"
II, B.2 9	"	L.T. - motor	"
II, B.2 10	"	L.T. - Lamp	"
II, B.2 11	"	W.H.M.	"
II, B.2 37	"	H.T. - main	"
II, B.5 1 - 4	Rotary convertor		"
II, B.1 8	Transformer	780 K.V.A.	"
II, B.1 9	"	38 "	"
II, B.1 10 - 12	"	75 "	"
II, B.1 13 - 15	"	75 "	"
II, B.1 16 - 17	"	35 "	"
II, B.1 18 - 19	"	5 "	"
II, B.1 24 - 26	"	1,500 "	"
II, B.1 27 - 30	"	1,000 "	"
II, B.2 12 - 14	Switch	1,320 K.H.T.	"
II, B.2 15	"	720 K.H.T.	"
II, B.2 16	" -	720 start	"
II, B.2 17 - 19	"	1,320 K.D.C.	"
II, B.2 20	"	720 K.D.C.	"
II, B.2 21 - 23	"	1,320 KA. C.B.	"
II, B.2 24	"	720 KA. C.B.	"
II, B.2 25 - 27	"	1,320 K.L.B.	"
II, B.2 28	"	720 K.L.B.	"

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

Code No.	Name of Machine	Remarks
II, B.2 29	Switch 75/35 T - H.T. (MR)	U
II, B.2 30	" 35 T - H.T.	"
II, B.2 31	" L.T. - motor (MR)	"
II, B.2 32	" L.T. - Lamp (MR)	"
II, B.2 33 - 34	" L.T. - motor	"
II, B.2 35	" W.H.M.	"
II, B.2 36	" S.H.T. - O.C.B.	"
II, B.2 38	" S.H.T. - O.C.B.	"
II, B.2 39	" Branch O.C.B.	"
II, B.2 40	" H.T. - main 2	"
II, B.2 41	" H.T. - main 1	"
II, B.2 42	" 75 T. - H.T.	"

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

EX Machines

Name of Machine	Unit	Remarks
Potassium chloride dissolving tank (with motor 15 HP)	1	
Vertical pump (with motor 2 HP)	1	
Crystalizer (with motor 2 HPx2)	1	
Centrifugal separator (with motor 5 HP)	1	
Mother liquor tank	1	
Pump (with motor 3 HP)	1	
2 stage turbin pump (with motor 7.5 HP)	2	
Vacuum evaporator	1	
Centrifugal separator (with motor 25 HP)	2	motors are kept in the 1st Elect. Sub.
Vacuum pump (with motor 20 HP)	1	"
High voltage NaCl productor	1	"
Circulating pump (with motor 7.5-10 HP)	2	
Feed pump (Liq. circulation with motor 3 HP)	1	
Middle voltage NaCl productor	1	
Circulating pump (half set with motor 10 HP)	2	motors are kept in the 1st Elect.Sub.
Feed pump (evaporator with motor 5 HP)	1	"
Nash pump (with motor 5 HP)	2	"
Feed pump (with motor 3 HP)	2	"
Brine tank	1	"
Brine.pump (with motor 3 HP)	1	"
Porcelain pump(with motor 2 HP)	1	
Electrolytic cell (mercury)	5	

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

Name of Machine	Unit	Remarks
Brine pump (with motor 2 HP)	3	
Mercury rectifier	1	
Rotary convertor 630 KW	2	
Transformer	4	
Induction regulator	2	
Switch board	4	
Knife switch	2	
Transformer 402 KVA	1	
Induction regulator	1	
Switch board	1	
Brine pump (with motor 3.6 K)	3	
Concrete tank 100 #	4	

The opinion of the surveyor.

1. Is (not) operating. yes.
2. The name of production. Caust soda, trichlore and Caustic potash and ect. etc,
3. Is (not) a conversion plant. yes
4. Is (not) producing for occupation forces, if so descript the permitting number. yes
5. Any offection of plants to removal of survey item. very
6. Further the reference description are kept on the remarks columu.
7. Installed materials and supplies is (not) take away only but after to removal of separation materials yes.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 773013

1. Is (not) operating. yes.
2. The name of production. Caust soda, trichlore and Caustic potash and etc. etc,
3. Is (not) a conversion plant. yes
4. Is (not) producing for occupation forces, if so descript the permittion numbers. yes
5. Any offection of plants to removal of survey item. very
6. Further the reference description are kept on the remarks columu.
7. Installed materials and supplies is (not) take away only but after to removal of reparation materials yes.

Hiroyuki Shibata

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDC NO. 775 013

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

REPROOF.

To: Commanding Officer U.S. 8th Army.

Date: Jan. 25th, 1947.

Dear Sir,

With the following reasons, we wish for your good office to have the equipments and materials which has been investigated by the Nippon Construction Industry Control Assn. released and detained from withdrawal.

Reasons:

(1) Reasons necessitating the detaining of withdrawal.

This plants caustic soda equipment is a necessity in the production of trichlene, ammonium chloride, caustic potash, medicinal active carbon, amino acid, metallic soda, sodium cyanide, etc., which products are necessary for the stabilization to the national life. Therefore though it has been designated for reparation, permission for the operation has been prolonged. Therefore of this investigated materials, concerning the designated reparation facilities, the continuation of operation would become impossible unless it is left till the time comes for the enforcement of withdrawal of the equipment.

(2) Reasons necessitating exempting from withdrawal.

Included in this investigated materials are equipment designated for reparations and equipments for the production of the products above mentioned which have common use. If this were withdrawn it would not only make it impossible to produce civilian necessary goods but also make it impossible for this plants reconstruction for conversion.

Yours respectfully,

Toa Gosei Kagaku Kogyo K. K.
Master of Fushiki Plant.

I. Yonaka

Iguma Yonaka.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

REPARATIONS PLANTS MATERIALS

Page of Pages
Date: Jan. 25, 1947.

Name of Plant, Laboratory, or Arsenal:
Fushiki Plant (Toa Gosei K.K.Co.,Ltd.)

Contractor's Representative:

Location:
90, Shinshima, Fushiki, Takaoka, Toyama Pref.

Signature of Local Japanese Liaison Officer:

Signature of Owner or Custodian:
I. Nonaka

Material Stocks (not installed)

Item	Description	Unit	Quantity	Total estimated weight	Number of carloads	Condition	Remarks
Gas pipe	1"x1.6m.	pce.	1	3 kg.		good	For Caustic soda plant and others. Repair use.
"	1"x1.3m.	"	5	14 "		"	"
"	1"x1.8m.	"	7	25 "		"	"
"	5"x4 m.	"	1	62 "		"	"
"	5"x5.2m.	"	1	81 "		"	"
"	5"x 3m.	"	6	276 "		"	"
Solid drawn tube	50m/mx3.5m/mx 1.8m.-1.85m.	"	60	100 "		"	"
"	97m/mx34m/mx5m.	"	125	1,680 "		"	"
"	3/4"x5 m.	"	18	180 "		"	"
"	3/4"x2.5m.	"	9	80 "		"	"
"	1.1/2"x5m.	"	3	10 "		"	"
"	2.1/2"x3m.	"	12	150 "		"	"
Stop valve (Gun metal screw type) 1/4"		"	76	18 "	10 s 1 car	"	"
"	1/2"	"	10	13 kg.		good	"
	2.1/2"	"	247	1,6[illegible]			

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

Acid proof cock with all iron flange	3/4"	"	6	20 "				
Screw valve of zinc coating	3/4"	"	6	3 "				
"	1"	"	1	1 "				
"	1.1/4"	"	12	15 "				
"	1½"	"	44	9 "				
"	2"	"	2	6 "				
Gun metal cock	3/8"	"	15	13 "				
Gun metal cock	1/2"	pce.	37	7 kg.				
"	2"	"	1	1 "				
Gun metal vulcan tap	3/4"	"	21	30 "				
Chlorine proof (Pump valve)	5"	"	11	8 "				
Chlorine proof (Screw valve)	1/4"	"	2	1 "				
"	3/8"	"	11	6 "				
Chlorine proof (Stop with flange)	3/4"	"	13	75 "				
Chlorine proof (Stop with flange)	1"	"	8	51 "				
"	1.1/4"	"	26	200 "				
Alkali proof valve with flange	2"	"	4	40 "				
Ferrosilicon valve with flange	1.1/2"	"	47	225 "	10 s 1 car	"	"	
Stop valve cock	1"	"	17	22 "				
"	1.1/2"	"	10	57 "				
Elbow	1/4"	"	44	2 "				

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

Ferrosilicon valve with flange	1.1/2"	"	47	225 "	lo $ 1 car	"	"
Stop valve cock	1"	"	17	22 "		"	"
"	1.1/2"	"	10	57 "		"	"
Elbow	1/4"	"	44	2 "		"	"
"	3/8"	"	16	1 "		"	"
"	1.1/4"	"	38	40 "		"	"
"	8"	"	4	70 "		"	"
T-piece	3/8"	"	8	0.5"		"	"
"	1/2"	"	3	6 "		"	"
"	1"	"	2	66 kg.		"	"
"	1.1/4"	"	7	3.5"		"	"
"	5"	"	1	6.7"		"	"
Flange	3/4"	"	311	310 "		"	"
"	1"	"	64	110 "		"	"
"	1.1/2"	"	10	14 "		"	"
"	2.1/2"	"	68	130 "		"	"
"	3"	"	27	101 "		"	"
"	4"	"	3	10 "		"	"
"	5"	"	86	700 "		"	"
"	6"	"	12	150 "		"	"
Plug	1/2"	"	283	12 "		"	"
"	1"	"	317	36 "		"	"
"	1.1/4"	"	138	36 "		"	"
"	2.1/2"	"	16	6.7"		"	"
"	3 1/2"	"	5	6 "		"	"
"	4.1/2"	"	1	1 "		"	"

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 73 013

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

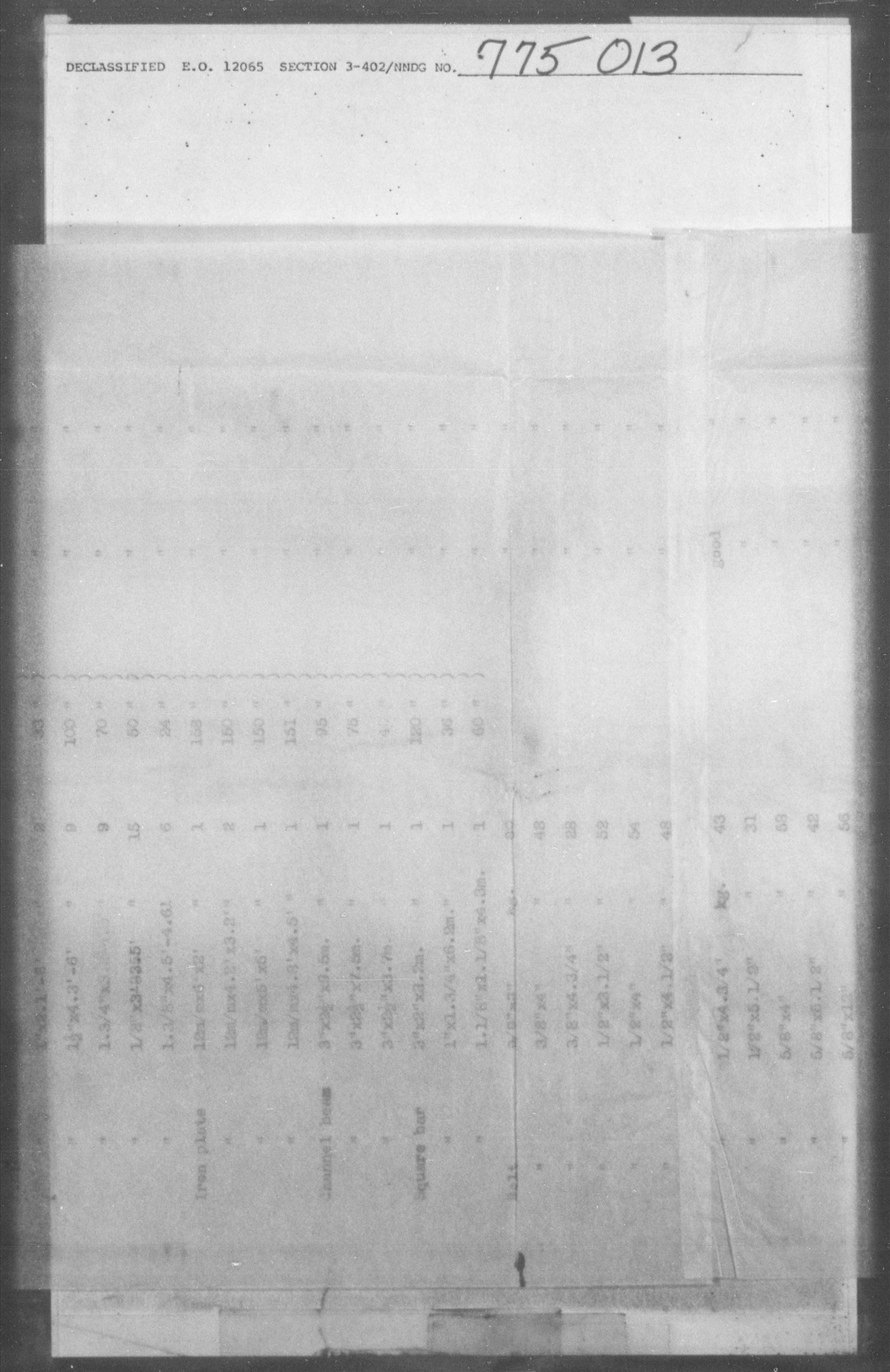
	2.1/2"x6"	"	36	2.8"		
"	2.1/2"x8"	"	2	3 "	"	"
"	3"x1.1/2"	"	2	1.3"	"	"
"	4" x 1"	"	5	5.5"	"	"
Socket	1"	"	13	2 "	"	"
"	1.1/4"	"	59	20 "	"	"
"	6"	"	49	120 "	"	"
Hydrogen welding pipe 180	1"x3.5m.	"	62	298 "	"	"
"	1"x1.6m.	"	77	262 "	"	"
"	1.3/4"x1.6m.	"	23	108 "	"	"
Special flange for eternit pipe	60"	"	17	70 "	"	"
"	75"	"	130	520 "	"	"
Steel pipe	75 m/m	"	75	96 kg.	"	"
T.S. pipe	50 "	"	7	40 "	"	"
"	60 "	"	5	40 "	"	"
"	75 "	"	29	294 "	"	"
Flat bar	3/8"x1"x3.6m.	sheet	26	160 "	"	"
"	1/4"x3/4"x0.47m.	"	1	2 "	"	"
"	1/2"x2½" x1.8m.	"	4	45 "	"	"
"	3/8"x2.4/8"x1.8m.	"	2	40 "	"	"
Stainless steel	4m/mx3'x6'	"	1	30 "	"	"
"	3m/mx3'x6'	"	1	25 "	"	"
"	4m/mx2.8'x3'	"	1	45 "	"	"
"	3/8"	"	1	40 "	"	"
Angle beam	1/8"x1½"x4.5m.	"	1	15 "	"	"

to be
1 car

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDC NO. 773 013

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013



DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

"	1/2"x4"	"	54		"	"
"	1/2"x4.1/2"	"	48		"	"
"	1/2"x4.3/4"	kg.	43		good	"
"	1/2"x5.1/2"	"	31		"	"
"	5/8"x4"	"	58		"	"
"	5/8"x6.1/2"	"	42		"	"
"	5/8"x12"	"	56		"	"
"	5/8"x15.1/2"	"	76		"	"
"	5/8"x16.1/2"	"	55		"	"
"	5/8"x16.3/4"	"	85		"	"
Washer (Round)	3/4"	"	140		"	"
"	5/8"	"	226		"	"
Water proof socket		pce.	303	5	"	For repairing ammonia chloride plant use.
Key socket		"	111	4	"	For repairing raw salt purification & dyeing plants use.
Keyless socket		"	80	3	"	For repairing Caustic soda plant and others use.
Receptacle		"	25	30	"	"
Shade holder		"	228	50	"	"
Baby switch		"	67	35	"	"
Three poles concent and plug		"	24	24	"	"
T-type concent and plug		"	27	3	"	"
Bracket lamp		"	6	12	"	"
Cord pendant		"	9	4	"	"
Shade		"	33	6	"	"
Metal shade			25	4	"	"
[illegible] fuse		pce.	21	25	good	"

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

Keyless socket		[illegible]	5		For repairing Caustic soda plant and others use.
Receptacle	"	25	30	"	"
Shade holder	"	228	50	"	"
Baby switch	"	67	35	"	"
Three poles concent and plug	"	24	24	"	"
T-type concent and plug	"	27	3	"	"
Bracket lamp	"	6	12	"	"
Cord pendant	"	9	4	"	"
Shade	"	33	6	"	"
Metal shade	"	25	4	"	"
30A Wire fuse	pce.	21	25	good	"
20A "	"	8	10	"	"
3A "	"	2	4	"	"
10A "	"	9	8	"	"
5A "	"	5	2	"	"
1A "	"	3	1	"	"
15A "	"	7	5	"	"
Ribbon fuse 100V 20A	"	9	5	"	"
Wooden screw 1.1/4"	"	7	3.5		
" 2.1/2"	"	6	4.5		
" 1"	"	7	3		
" 1.3/4"	"	46	25		
" 2.1/4"	"	15	10		
" 1.1/2"	"	40	20		
" 2"	"	1	1.5		
Screw 3/8"x1.1/2"	"	7	1		

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

MGP 37

NAME OF PLANT, LABORATORY, OR ARSENAL:
工場, 研究所又ハ兵器廠ノ名稱

LOCATION: TOA GOSEI KAGAKU KOGYO KK. (FUSHIKI)
所在地 FUSHIKI TOYAMA-KEN

SIGNATURE OF OWNER OR CUSTODIAN:
所有者又ハ管理人ノ署名

REPARATIONS PLANTS MATERIALS
賠償工場ノ資材

CONTRACTOR'S REPRESENTATIVE: GEN CONTRACTORS ASS'N OF JAPAN (TOYAMA BRANCH MEMBER)
契約者ノ代表者 SATO-GUMI (Toyama Branch) Hiroyuki Shibata

** SIGNATURE OF LOCAL JAPANESE LIAISON OFFICER:
當該地區日本連絡官ノ署名 TOYAMA PREFECTURE Kei Matsuda

PAGE ___ OF ___ PAGES
___頁中ノ第___頁

DATE:
日附 JAN 30 1947

MATERIAL STOCKS (NOT INSTALLED) 在庫資材表 (施設ニ含マレザルモノ)

ITEM DESCRIPTION 品目名稱	UNIT	QUANTITY 數量	TOTAL ESTIMATED WEIGHT 見積總重量	NUMBER OF CARLOADS 貨車數	CONDITION *** 狀態	REMARKS 摘要

* *Owner or custodian to attach statement if he desires.*
所有者又ハ管理人ハ必要ニ應ジ說明書ヲ添附ノコト.

** *Prefectural Japanese Liaison Officer to attach statement if he desires.*
當該地區連絡官ハ必要ニ應ジ說明書ヲ添附ノコト.

*** *Describe as New, Good, or Poor. "Good" will indicate "suitable for general use." "Poor" will indicate "not suitable for reuse."*
狀態欄ニハ新品, 良品, 不良品ト記載ノコト. 良品ハ一般使用ニ適スルモノ. 不良品ハ再使用ニ適サザルモノヲ示ス.

Sylvia Army Printing Plant-Bicycle
8798

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

INSTALLED MATERIALS AND SUPPLIES 施設濟ノ資材

ITEM DESCRIPTION 品目名稱	UNIT 單位	QUANTITY 數量	TOTAL ESTIMATED WEIGHT 見積總重量	NUMBER OF CARLOADS 積込貨車數	REMARKS 摘要

地方府縣米軍軍政府係官專用欄 FOR USE BY PREFECTURAL MILITARY GOVERNMENT TEAM ONLY. STRIKE OUT WORDS NOT APPLICABLE AND FILL IN BLANK SPACES.

IS (NOT) AN ENEMY SURRENDERED FACILITY.
IS (~~NOT~~) A REPARATION FACILITY.
IS (NOT) PRODUCING FOR OCCUPATION FORCES.
IF SO, GIVE PROCUREMENT DEMAND NUMBERS OR DATA REGARDING ORDERS FOR DEPENDENT HOUSING:

HAS (NOT) BEEN TURNED BACK TO HOME MINISTRY
IS (~~NOT~~) OPERATING.
ANY OBJECTION TO REMOVAL OF ABOVE ITEMS:
This plant has been given permission to continue operation. Also since permission only caustic soda equipment is on reparations & not all the stocks of material and equipment in the plant area, it is recommended that nothing be removed that would hamper production now or operation of facilities other than caustic soda items.

CORRESPONDENCE OR ACTION IS (NOT) PENDING TO REMOVE PLANT FROM REPARATIONS LIST.
CORRESPONDENCE OR ACTION IS (NOT) PENDING FOR (~~REOPENING~~) (CLOSING) THE PLANT.
STATEMENT AS TO WHETHER MACHINERY OR EQUIPMENT IN PLANT WILL BE JEOPARDIZED BY REMOVAL OF ABOVE ITEM:
No machinery would be jeopardized but proper operation of the plant could not continue.

PLANT NO.: 9 SERIAL NO. OF FORM: TYMD 7 DATE: MIL GOVT OFFICER: PREFECTURE:

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDC NO. 73 013

Installed Materials and Supplies

Noa Gosei Fushiki Plant.

Item	Description	Unit	Quantity	Total estimated weight	Number of carloads	Remarks
The First Fusion plant						
2" Centrifugal pump	with 3 HP motor	set	2	500 kg.		1 set of motor burnt. Equipment of reparation designated.
2" "	with 2 HP motor	"	1	225 "		"
3" "	with 10 HP motor	"	1	309 "	1/2 car	"
2½" "	with 5 HP motor	"	1	260 "		"
2" "	with 3 HP motor	"	1	225 "		"
The Second Fusion plant						
3 HP motor		"	1	80 "		"
5 HP "		"	1	117 "		"
4" Centrifugal pump	with 15 HP motor	"	4	1,820 "		"
20 HP motor		"	1	360 "	1/2 car	"
1½" Centrifugal pump	with 2 HP motor	"	1	166 "		"
3" Centrifugal pump	with 5 HP motor	"	1	309 "		"
1 HP motor		"	1	80 "		"
2½" Centrifugal pump	with 5 HP motor	set	1	280 kg.		Pump is poor. Equipment of reparation designated.
3" "	with 5 HP motor	"	1	309 "		"

Pump	with 15 HP motor	"	1	1,360 "		"
20 HP motor		"	1	360 "	1/2 car	"
1½" Centrifugal pump	with 2 HP motor	"	1	166 "		"
3" Centrifugal pump	with 5 HP motor	"	1	309 "		"
1 HP motor		"	1	50 "		"
2½" Centrifugal pump	with 5 HP motor	set	1	280 kg.	Pump is poor.	Equipment of reparation designated.
3" "	with 5 HP motor	"	1	309 "		"
2" "	with 2 HP motor	"	1	225 "		"
Evaporation & Electrolytic Plant						
2 HP motor		"	1	66 kg.		"
1½" Centrifugal pump	with 3 HP motor	"	1	166 "		"
20 HP motor		"	1	360 "		"
1 HP motor		"	1	50 "		"
3 HP motor		"	1	80 "	1/3 car	
4" Centrifugal pump	with 10 HP motor	"	2	910 "		"
Iron storage tank		pce.	1	180 "		"
"		"	1	180 "		"
2" Centrifugal pump	with 2 HP motor	set	1	225 "		"
2" "	with 3 HP motor	"	1	240 "		"
M Plant						
2" Pump (0.9 kw.motor, Siemens made)		"	1	200 kg.	Motor burnt.	"
Iron tank		pce.	1	200 "		"
10 kw. motor	(Siemens made)	set	2	400 "		"

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 73013

4" Centrifugal pump	with 10 HP motor	"	2	910 "		"
Iron storage tank		pce.	1	180 "		"
"		"	1	180 "		"
2" Centrifugal pump	with 2 HP motor	set	1	225 "		"
2" "	with 3 HP motor	"	1	240 "		"
M Plant						
2" Pump (0.9 kw.motor, Siemens made)		"	1	200 kg.	Meter burnt.	"
Iron tank		pce.	1	200 "		"
12 kw. motor	(Siemens made)	set	2	400 "		"
5 HP motor	(Hitachi)	"	1	200 "		"
10 HP motor	(Fuji)	set	1	200 kg.	Equipment of reparation designated.	"
2 HP motor	(Shibaura)	"	1	50 "	1/4 car	"
15 HP motor	(Fuji & Hitachi)	"	2	600 "		"
5 HP motor	(Westing House)	"	1	200 "		"
2" Pump (0.9 kw.motor, Siemens made)		"	1	200 "		"
MA Plant						
75 m/m Centrifugal pump	with 7.5 HP motor (Shibaura)	"	1	180 kg.		"
2" Centrifugal pump	with 2 HP motor (Shibaura)	"	2	240 "		"
2" "	with 2 HP motor	"	1	120 "		"
15 HP	Enclosed type motor (Shibaura)	"	8	960 "	1/5 car	"
2 HP	Enclosed type motor (Shibaura)	"	4	220 "		"
3 HP	Enclosed type motor (Hitachi)	"	1	40 "		"
1.7m^3	Iron tank (Cylindrical type)	pce.	2	2,400 "		"

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 73 013

75 m/m Centrifugal pump	with 7.5 HP motor (Shibaura)	"	1	180 kg.		"
2" Centrifugal pump	with 2 HP motor (Shibaura)	"	2	240 "		"
2" "	with 2 HP motor	"	1	120 "		"
15 HP	Enclosed type motor (Shibaura)	"	8	960 "	1/5 car	"
2 HP	Enclosed type motor (Shibaura)	"	4	220 "		"
3 HP	Enclosed type motor (Hitachi)	"	1	40 "		"
1.7m^3	Iron tank (Cylindrical type)	pce.	2	2,400 "		"
Hydrochloric Acid Plant						
2" Centrifugal pump	with 2 HP motor	"	1	200 kg.	1/40 car	"
Boiler Equipment						
Lancashire boiler 7'x28'-4"	1.67 ton/hr. 8 kg/cm^2	"	2	30,000 "	2 car (15 ton car)	"
48" Induced fan	20,000 cf/m.	"	2	1,800 kg.		Equipment of reparation designated.
30 HP meter	680 r.p.m.	"	2	1,200 "	1 car	"
2" 5 Stage turbine pump	10m^3/mm.	"	1	300 "		"
10 HP meter	3,600 r.p.m.	"	1	200 "		"
Bleaching Powder Plant						
1½" Centrifugal pump		"	1	166 kg.		"
3" "		"	1	307 "		"
Hand fire-extinguisher		pce.	3	66 "		"
2 HP meter		set	1	66 "	1/5 car	"

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 773 013

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

30 HP motor [illegible] r.p.m.	"	[illegible]	1,[illegible] "	1 car	
2" 5 Stage turbine pump 10m³/mm.	"	1	300 "		"
10 HP motor 3,600 r.p.m.	"	1	200 "		"
Bleaching Powder Plant					
1½" Centrifugal pump	"	1	166 kg.		"
3" "	"	1	307 "		"
Hand fire-extinguisher	pce.	3	66 "		"
2 HP motor	set	1	66 "	1/5 car	"
2 HP motor	"	1	66 "		"
20 HP motor	"	1	360 "		"
40 HP motor	"	1	580 "		"
25 HP motor	"	1	400 "		"
Wiring Out of Doors					
Insulating Electric wire 100 m/m (19/2.6)	m	360	350 Kg.		Involves equipment of reparation conversion permitted (total 80%), using at present.
" 60 " (19/2.0)	"	550	320 "		"
" 50 " (19/1.8)	"	3,000	1,400 "		"
" 22 " (7/2.0)	"	2,400	530 "		"
" 3.2 "	"	3,000	300 "		"
" 2.6 "	"	1,800	130 "		"
Wiring Indoors					Using at present.
Low tension cable 1.C 2.6	m	240	65 kg.		Equipment designated, using at present.
" " 2.0	"	200	40 "		"
" " 1.6	"	240	45 "		"
" 2.C 7/2.0	"	100	180 "		"
" " 1.6	"	200	100 "		"
		[illegible]	[illegible]		

"	50 "	(19/1.8)	"	3,000	1,400 "		"
"	22 "	(7/2.0)	"	2,400	530 "		"
"	3.2 "		"	3,000	300 "		"
"	2.6 "		"	1,800	130 "		"
Wiring Indoors						Using at present.	
Low tension cable	1.C	2.6	m	240	65 kg.	Equipment designated, using at present.	
"	"	2.0	"	200	40 "	"	
"	"	1.6	"	240	45 "	"	
"	2.C	7/2.0	"	100	180 "	"	
"	"	1.6	"	200	100 "	"	
4 kinds indoors	7/2.0	m/m	"	200	58 "	"	
"	3.2	"	"	150	17 "	"	
"	2.6	"	"	200	17 "	"	
"	2.0	"	"	600	36 "	"	
"	1.6	"	"	1,200	55 "	1 car	"
Insulater	High tension pin type		pce.	120	120 "		Reparation, conversion permission etc. are common, using at present. "
"	Shackle type high tension		"	60	48 "		"
"	Low tension pin type,	large	"	200	200 "		"
"	"	medium	"	250	200 "		"
"	"	small	"	200	100 "		"
"	Shackle type low tension						
		large	"	150	120 "		"
		medium	"	150	100 "		"
		small	"	150	60 "		"

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 773013

"	2.0 "	"	600	36 "			
"	1.6 "	"	1,200	55 "	1 car		"
Insulator	High tension pin type	pce.	120	120 "		Reparation, conversion permission etc. are common, using at present.	
"	Shackle type high tension	"	60	48 "			"
"	Low tension pin type, large	"	200	200 "			"
"	" medium	"	250	200 "			"
"	" small	"	200	100 "			"
"	Shackle type low tension large	"	150	120 "			"
	medium	"	150	100 "			"
	small	"	150	60 "			"
Tube insulator	High tension 25x300 m/m	pce.	9	9 kg.		Reparation, conversion permission etc. are common, using at present.	
"	Low tension 12x200 "	"	60	12 "			"
"	" 9x150 "	"	120	12 "			"
Knob insulator #296		"	2,000	100 "			"
Transformer (Floor set type I.E.)							
	75 KVA	set	3	3,600 kg.	1 car		"
"	" 35 KVA	"	1	350 "			"
"	(Floor set type MR)				1 car		
	75 KVA	"	3	2,400 "		Only for reparation equipment. Using at present.	
"	(Floor set type common)						
	75 KVA	"	3	2,400 "		Reparation, conversion permission etc. are common, using at present.	
"	(Floor set type MR)				1 car		

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 73 013

Tube insulater High tension 25x300 m/m	pce.	9	9 kg.		Reparation, conversion permission etc. are common, using at present.
" Low tension 12x200 "	"	60	12 "		"
" " 9x150 "	"	120	12 "		"
Knob insulater #236	"	2,000	100 "		"
Transformer (Floor set type I.E.)					
75 KVA	set	3	3,600 kg.	1 car	"
" " 35 KVA	"	1	350 "		"
" (Floor set type MR)				1 car	
75 KVA	"	3	2,400 "		Only for reparation equipment. Using at present.
" (Floor set type common)					
75 KVA	"	3	2,400 "		Reparation, conversion permission etc. are common, using at present.
" (Floor set type MR)				1 car	
35 KVA	"	1	350 "		Only for reparation equipment. Using at present.
" (Floor set type common)					
35 KVA	"	1	350 "		Reparation, conversion permission etc. are common, using at present.
" (On the pillar MR)					
5 KVA	"	2	100	1/10 car	"
" (Floor set type)					
15 KVA	"	2	200		Registered reparation 22-25-887 & 22-25-888

Remarks: Number of carloads is 10 ton car unit.

Electric motor, all 3 ph. 60 cy. 200 V.

Transformer, all 1 ph. 60 cy. Oil immersed, self cooling.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 73 013

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

"	[illegible]	"	120	12 "	)	
Knob insulator #296		"	2,000	100 "	)	"
Transformer (Floor set type I.E.)						
	75 KVA	set	3	3,600 kg.	1 car	"
" "	35 KVA	"	1	350 "	)	"
"	(Floor set type MR)				) 1 car	
	75 KVA	"	3	2,400 "	)	Only for reparation equipment. Using at present.
"	(Floor set type common)					
	75 KVA	"	3	2,400 "	)	Reparation, conversion permission etc. are common, using at present.
"	(Floor set type MR)				) 1 car	
	35 KVA	"	1	350 "	)	Only for reparation equipment. Using at present.
"	(Floor set type common)					
	35 KVA	"	1	350 "	)	Reparation, conversion permission etc. are common, using at present.
"	(On the pillar MR)				)	
	5 KVA	"	2	100	) 1/10 car	"
"	(Floor set type)				)	
	15 KVA	"	2	200	)	Registered reparation 22-25-887 S 22-25-888

Remarks: Number of carloads is 10 ton car unit.

Electric motor, all 3 ph. 60 cy. 200 V.

Transformer, all 1 ph. 60 cy. Oil immersed, self cooling.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

TOKAI-HOKU
INFORMA
O.D. 11
AUG

GENERAL HEADQUARTERS
SUPREME COMMANDER FOR THE ALLIED POWERS
Economic and Scientific Section
APO 500

HBO/MWH/RAS/jtt
10 August 1950

387.6(10 Aug 50)ESS/IND

MEMORANDUM FOR: Reparations Agency, Tokyo

SUBJECT: Application for Movement and Authorized Use of Items Listed for Reparations.

1. Reference is attached R.A.R. No. 636(MS), 23 June 1950, subject: Application for Movement and Authorized Use of Reparations Equipment of Toa Gosei Kagaku Kogyo Co., Ltd. Takaoka Plant (Code No. 42-11) Filed by Fushiki Plant (Code No. 42-09) of the Same Company.

2. The application requesting permission for the transfer and authorized use of the 374 items of reparations machinery and equipment listed in reference 1, above, is approved as indicated below:

Toa Gosei Kagaku Kogyo Co.,
Interplant Transfer

Present Location	No. of Items	To Be Transferred To
Takaoka Plant (42-11)	374	Fushiki Plant (42-09)

3. This permit is issued subject to any and all directives affecting reparations plants which have been issued or may hereafter be issued by the Supreme Commander for the Allied Powers. Reports will be rendered as required by current directives and instructions.

FOR THE CHIEF, ECONOMIC AND SCIENTIFIC SECTION:

MAURICE M. CLASS
Chief, Industry Division

1 Incl
as indicated.

Cys furnished:
CA Sec (dup)
CPC

MEMO FOR RECORD:

The above ltr is self-explanatory.

M. M. C.

Mr. R.A. Steele:
26-7842

CA SEC COPY

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

To : General Headquarters, Supreme Commander for the Allied Powers.

From : Reparations Agency, Tokyo.

Subject: Application for Movement and Authorized Use of Reparations Equipment of Toa Gosei Kagaku Kogyo Co., Ltd., Takaoka Plant (Code No. 42-11) Filed by Fushiki Plant (Code No. 42-09) of the Same Company.

R.A.R. No. 636 (MS) 23 June 1950.

1. The Reparations Agency hereby submits to your Headquarters an application for movement and authorized use of 374 pieces of reparations equipment now lying idle in the Toa Gosei Kagaku Kogyo Co., Ltd., Takaoka Plant (Code No. 42-11) filed by the Fushiki Plant (Code No. 42-09) of the same company, together with an application of the Ministry of International Trade and Industry, as enclosed herewith.

2. This application has been investigated and has been coordinated with other interested government agencies.

3. It is requested that your most favorable consideration be given to this application at the earliest practicable date.

(Y. Katsuno)
Director, Reparations Division,
Reparations Agency.

Incls:
a) Application of the Ministry of International Trade & Industry.

b) Application of the subject plant.

Economies

List of Reparation Machinery and Equipment
Applied for Movement and Authorized Use

Currently located at:

Toa Gosei Chemical Industry Co., Ltd.
Takaoka Plant (Code No.42-11)

To be moved and used at:

Toa Gosei Chemical Industry Co., Ltd.
Fushiki Plant (Code No.42-9)

Evaluation No.	Item	Specification	Operation or Idle	No. of Items	Remarks
IAls	Electrolytic Cells (Diaphragm)	Allen-Moore K.M.L. 1500A 4V	Idle	170	Evaluation List Page 1
IAls	"	"	Idle	28	Page 1, Out of 180 cells
IA1b	Graphite Electrode	None	Idle	170	Evaluation List Page 1
IIA4	Rotary Converter	330 KW D.C. 250V 1,320 Amp	Idle	3	2 items-Constructed in the year 1930 1 items- " " " " 1932
Addftional Evaluation List IIB2-4.5.6	Switch board	330 KW Rotary converter low voltage	Idle	3	Items included in Rotary Converters on Page 1 (Evaluation List) Page 2 (Additional Evaluation List)

374 pieces

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 173013

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

TOA GOSEI KAGAKU KOGYO CO., LTD.
FUSHIKI PLANT.

File

Date, March 8, 1951.

Subject: Application for the New-establishment of the machines.

1. To : Chief of the Economic Section, Tokai-Hokuriku Civil Affairs Team.

2. Thru: The Commerce and Industry Section of Toyama Prefectural Office.

3. Presenter: Toa Gosei Kagaku Kogyo Co., Ltd. Fushiki Plant, "42-02".

(a) Applying company: Toa Gosei Kagaku Kogyo Co., Ltd. Fushiki Plant.

(b) Location: 90, Fushiki-Shinshima, Takaoka, Toyama Pref.

(c) Machines to be established:

No. of machine	Name of machine	Quantity
New EX-80	Air compressor with 7.5 motor	1
New EX-81	15 HP motor for the Rotary ammonia compressor	1
New EX-82	40 HP motor for the Vertical ammonia compressor	1
New EX-83	Loots blower and 2 HP motor	1
New EX-84	Ammonia receiver	1
New EX-85	Inter cooler	1
New EX-86	Reaction chamber	3
New EX-87	Drum dryer	1
	Total	10

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

(d) Present position: To be equipped newly.

(e) Place to establishment:

EX-80~82 Ex-84~85 EX-87	)	Liquid Chlorine Equip.
EX-83 EX-86	)	Bleaching Powder Equip.

4. Reason to establish the machines.

We earnestly wish, for all the convenience of work, to carry the above-mentioned machines in the plant designated for reparations and set in operation, and hereby apply for the permission of the new establishment of the machines.

5. The date of the establishment of the machines.

Immediately after the permission.

6. To produce what kind of products was company and plant established?

(A) Company: Caustic soda
(B) Plant: Caustic soda
(C) Total number of the EX-machines:

Class	Quantity	Quantity in this application	Total
EX-machines	110	10	120

As the above-mentioned machines are intended to be equipped in the reperation plant, we apply for the permission to make them "EX-machines".

Confirmed by Hisashi Aoki Tokyo Commerce and Industry Section, Tokyo Kucho 5 March /25/

(Sgd) Hisashi Shibuya
Custodian of Tokyo Gosei Kagaku Kogyo Co., Ltd. Fushiki Plant.

APPROVED
E. F. Jouard DAC
Economics Div. THCAP
Date 26 Mar. '5/
by Y. Yamamoto

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

ECON

TOA GOSEI KAGAKU KOGYO CO., LTD.
FUSHIKI PLANT.

Date, Feb. 27, 1951.

Subject: Application for the New-establishment of the machine.

1. To: Chief of the Economic Section, Tokai-Hokuriku Civil Affairs Team.

2. Thru: The Commerce and Industry Section of Toyama Prefectural Office.

3. Presenter: Toa Gosei Kagaku Kogyo Co., Ltd. Fushiki Plant.

(a) Applying company: Toa Gosei Kagaku Kogyo Co.,Ltd. Fushiki Plant.

(b) Location: 90, Fushiki-Shinshima, Takaoka, Toyama Pref.

(c) Machine to be established:

No. of machine	Name of machine	Type	Quantity
New EX - 79	Brine pump	dia. 4" Ebonite lined C.F. type	1

(d) Present position: To be equiped newly

(e) Place to establishment: Electrolytic equipment of Soda MK plant.

4. Reason to establishment:

We earnestly wish, for all the convenience of work, to carry the above-mentioned machine in the plant designated for reparations and set in operation, and hereby apply for the permission of the new establishment of the machine.

5. The date of the establishment of the machine.

Immediately after the permission.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

6. To produce what kind of products was company and plant established?

(A) Company: Caustic Soda
(B) Plant: Caustic Soda
(C) Total number of the EX-machines:

Class	Quantity	Quantity in this application	Total
EX-machine	109	1	110

As the above-mentioned machine is intended to be equipped in the reparation plant, we apply for the permission to make it "EX-machine".

(Sgd) To Haoru Shibuya
For Custodian of Ion Kosei Kagaku Kogyo Co.,Ltd. of Fushiki Plant.

Confirmed by Hisao Akaza Tech. Commissioner. Commerce and Industry Section. Toyama Kencho. 5 March 1951

APPROVED
E. F. Jouard
E. F. Jouard DAC
Economics Div. THCAR
Date 26 mar. 51
by J. Yamanouchi

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

File

TOA GOSEI KAGAKU KOGYO CO., LTD.
FUSHIKI PLANT.

Date, Feb. 12, 1951.

Subject: Application for the New-establishment of the machines.

1. To : Chief of the Economic Section, Tokai-Hokuriku Civil Affairs Team.

2. Thru: The Commerce and Industry Section of Toyama Prefectural Office.

3. Presenter: Toa Gosei Kagaku Kogyo Co., Ltd. Fushiki Plant.

(a) Applying Company: Toa Gosei Kagaku Kogyo Co.,Ltd. Fushiki Plant.

(b) Location: 90, Fushiki-Shinshima, Takaoka-city, Toyama Pref.

(c) Machine to be established:

No. of machine	Name of machines	Type	Quantity
New EX-70	Rotary ammonia compressor Vertical ammonia compressor and Inter cooler	3" 11"	2
New EX-71	Air compressor	4½"	1
New EX-72	Brine pump	3"	1
New EX-73	Pump	1½"	1
New EX-74	A. C. pannel		3
New EX-75	Starting pannel		3
New EX-76	Transformer	360 K. V.A.	1
New EX-77	Weak caustic liq. pump	2"	1
New EX-78	Recovered pump	2"	1

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

(d) Present position: To be equiped newly

(e) Place to establishment:

EX-70~72	...	Liq. chlorine equip.
EX-73	...	Hydrochloric acid equip.
EX-74~76	...	No.1 Electric substation.
EX-77~78	...	Electrolytic equipment of Soda N plant.

4. Reason to move the machines.

We earnestly wish, for all the convenience of work, to carry the above-mentioned machines in the plant designed for reparations and set in operation, and hereby apply for the permission of the new establishment of the machines.

5. The date of the establishment of the machines.

Immediately after the permission.

6. To produce what kind of products was company and plant established?

(A) Company: Caustic Soda
(B) Plant: Caustic Soda
(C) Total number of the EX-machines:

Class	Quantity	Quantity in this application	Total
EX-machines	96	14	110

As the above-mentioned machines are intended to be equipped in the reparation plant, we apply for the permission to make them "EX-machines".

Confirmed by Hideo Asano Dep. Commissioner.
Commerce and Industry Section.
Tokyo Branch. 25 Feb. 1951

APPROVED
E. F. Jouard
E. F. Jouard DAC
Economics Div. THCAR,
Date 13 Mar. 51
by Y. Yamanouchi

To
(Sgd) Kaoru Shibuya
For Custodian of Toa Gosei Kagaku Kogyo Co.,Ltd. Fushiki Plant.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

TOA GOSEI KAGAKU KOGYO CO., LTD.
FUSHIKI PLANT.

File

Date, Jan. 18, 1951.

To : Tokai-Hokuriku Civil Affairs Team.

Thru : Commerce and Industrial Section of Toyama Prefectural Office.

Subject: Application for the abolition of the EX-machine.

1. Application and its code number:

Toa Gosei Kagaku Kogyo Co., Ltd. Fushiki Plant "42-09".

2. Locality of the plant:

90, Fushiki-Shinshima, Takaoka, Toyama Pref.

3. The machine to be abolished:

Name of machine	Quantity	Present position	Owner
EX-10 Vacuum pump	1	Toa Gosei Kagaku Kogyo Co.,Ltd. Fushiki Plant No.1 Purification Equip.	Toa Gosei Kagaku Kogyo Co., Ltd.

4. Reason for the application:

(A) Why we want to dispose of this machine?

Since the time of the designation of the coptrol, this machine is extremely decayed and of no use, so it has not been registered till now. As it is voluminous and is apt to reduce the efficiency of the operation, we now apply for the permission about the removal and abolition of it.

(B) The date to remove and abolish it.

Immediately after the permission.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

5. What to produce were this company and plant established?

(A) The Company: Caustic Soda
(B) The Plant: Caustic Soda
(C) The number of the EA-machine

Class 1	Quantity	Quantity of application for the abolition machine	Total
EX machine	110	1	109

We certify that this report is true and that the machine is control-designated machine, but not the registered machine.

(Sgd) Ja Naosu Shibuya
For Custodian of Fushiki Plant,
Toa Gosei Kagaku Kogyo Co.,Ltd.

Confirmed by Hisao Asano Tech. Commissioner, Commerce and Industry Section, Toyama Branch. Feb. 26. '51

APPROVED
E. F. Jouard
E. F. Jouard DAC
Economics Div. THCAR
Date 30 Mar. '51
by M. Yamamoto

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

TOA GOSEI KAGAKU KOGYO CO., LTD.
FUSHIKI PLANT.

File

Date, Jan. 9, 1951.

To : Tokai-Hokuriku Civil Affairs Team.

Thru : Toyama Prefectural Office.

Subject: Application for the abolition of the Control-Designated Machines.

1. Application and its code number:

Toa Gosei Kagaku Kogyo Co.,Ltd. Fushiki Plant, "42-09"

2. Locality of the Plant:

90, Fushiki-Shinshima, Takaoka, Toyama Pref.

3. The machines to be abolished:

Name of machines		Quantity	Present position	Owner
EX-1	Potassium chloride dissolving tank	1	Toa Gosei Kagaku Kogyo Co.,Ltd. Fushiki Plant No.1 Purification Equip.	Toa Gosei Kagaku Kogyo Co., Ltd.
EX-2	Vertical pump	1		
EX-3	Crystalizer	1		
EX-4	Centrifugal seperator	1		
EX-5	Mother Liquor tank	1		
EX-6	Brine pump	1		
Total	.....	6		

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

4. Reason for the application:

(A) Why we want to dispose of these machines?

Since the time of the designation of the control, these machines were extremely decayed and of no use, so they have not been registered till now. As they are voluminous and are apt to reduce the efficiency of the operation, we now apply for the permission about the removal and abolition of them.

(B) The date to remove and abolish them.

Immediately after the permission.

5. What to produce were this company and plant established?

(a) The Company: Caustic Soda
(b) The Plant: Caustic Soda
(c) The total number of the machines in the plant:

Class	Quantity	Quantity of application for the abolition machines	Total
A class	68	-	68
B "	368	-	368
NI machine	475	-	475
EX "	26	6	20
Total	1,007	6	1,001

I certify that this report is true and that the machines are the control-designated machines, but not the registered machines.

(Sgd) To Kaoru Shibuya
For Custodian of Fushiki Plant,
Toa Gosei Kagaku Kogyo Co., Ltd.

Confirmed by Hisao Asano Toh. Commissioner,
Commerce and Industry Section, Toyama Kenchu.
10 Jan. 1951

APPROVED
E F Jouard
E. F. Jouard DAC
Economics Div. THCAR
Date 10 Feb '51

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

File

TOA GOSEI KAGAKU KOGYO CO., LTD.
FUSHIKI PLANT.

Date, Jan. 8, 1951.

Subject: Application for the New-establishment of the machines.

1. To : Chief of the Economic Section, Tokai-Hokuriku Civil Affairs Team.

2. Thru: The Commerce and Industry Section of Toyama Prefectural Office.

3. Presenter: Toa Gosei Kagaku Kogyo Co., Ltd. Fushiki Plant.

(a) Applying Company: Toa Gosei Kagaku Kogyo Co.,Ltd. Fushiki Plant.

(b) Location: 90, Fushiki-Shinshima, Takaoka city, Toyama Pref.

(c) Machine to be established:

No. of machine	Name of machine	Type	Quantity
EX - New	Charcoal furnace	2,000 kg.Cl_2/day	1
EX - New	Hydrochloric furnace	2,500 kg.Cl_2/day	2
	Total		3

(d) Present position: To be equipped newly

(e) Owner: Home-made

(f) Place to establishment: Hydrochloric acid equipment

4. Reason to move the machines.

We wish to use this equipment as a substitute for charcoal furnace and hydrochloric furnace of which we apply for the abolition together with this application, and, hereby, apply for the permission to move the above-mentioned machines.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

5. The date of the establishment of the machines.

Immediately after the permission.

6. To produce what kind of products was company and plant established?

(A) Company: Caustic Soda
(B) Plant: Caustic Soda
(C) Total number of the machines in this plant:

Class	Quantity	Quantity in this application	Total
A class	68	-	68
B "	368	-	368
NI machine	475	-	475
EX machine	93	+3	96
Total -	1,004	+3	1,007

As the above-mentioned machines are intended to be equipped in the reparation plant, we apply for the permission to make them "EX-machines".

(Sgd) To H. Kawaguchi
Custodian of Tushiki Plant
Toa Gosei Kagaku Kogyo Co.,ltd.

Confirmed by Hisao Aono Deputy Commissioner,
Commerce and Industry Section, Toyama Branch.
7 Jan - 75 /

APPROVED
E. F. Jouard
E. F. Jouard DAC
Economics Div. THCAR
Date 29 Jan. 51
by Y. Yamanouchi

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

TOA GOSEI KAGAKU KOGYO CO., LTD.
FUSHIKI PLANT

Date, Nov. 10, 1950.

Subject: Application for the New-establishment of the machines.

1. To : Chief of the Economic Section, Tokai-Hokuriku Civil Affairs Team.

2. Thru : The Commerce and Industry Section of Toyama Prefectural Office.

3. Presenter: Toa Gosei Kagaku Kogyo Co., Ltd. Fushiki Plant.

(a) Applying Company: Toa Gosei Kagaku Kogyo Co.,Ltd. Fushiki Plant.

(b) Location: 90, Fushiki-Shinshima, Takaoka Shi, Toyama Ken.

(c) Machine to be established:

Number of machines	Name of machines	Type	Quantity
KK - New	Hydrochloric acid tank	Design capacity 30 ton	2

(d) Present position: To be equipped newly

(e) Owner: Home-made

(f) Place to establishment: Hydrochloric acid equipment.

4. Reason to move the machines:

We wish to use this equipment as a substitute for store-tank of hydrochloric acid of which we apply for the abolition together with this application, and, hereby, apply for the permission to move the above-mentioned machines.

5. The date of the establishment of the machines:

Immediately after the permission.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

6. To produce what kind of products was this company and plant established?

A. Company: Caustic Soda
B. Plant: Caustic Soda
C. Total number of the machines in this plant:

Class	Quantity	Quantity in this application	Total
EX machines	91	2	93
Total			93

As the above-mentioned machines are intended to be equipped in the reparation plant, we apply for the permission to make them "EX-machines.

(sgd) Zo K. Kawaguchi
Custodian of Fushiki Plant
Toa Gosei Kagaku Kogyo Co., Ltd.

Confirmed by Hisao Asano Dep. Commissioner, Commerce and Industry Section, Toyama Kencho.
8 November 1950.

APPROVED
E. F. Jouard
E. F. Jouard DAC
Economics Div. THCAR
Date 5 DEC. '50
by Y. Yamamoto

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

TOA GOSEI KAGAKU KOGYO CO., LTD.
FUSHIKI PLANT.

Date, Nov. 10, 1950.

To : Tokai Hokuriku Civil Affairs Team.

Thru: Commerce and Industry Section of Toyama Prefectural Office.

In the Clause 3 (machines to be moved) of the permission of the New-establishment of the EX-machines dated October 7 for which we applied on August 9, we have found misprints of "Quantity."

We are very sorry to intrude on your precious time, but we wish to have them corrected as follows:-

Name of machines	Type	Quantity	
		Misprints	Correct
1. ----------			
2. ----------			
----------			
7. Pump for the above (with motor)	3 HP	2	3
8. Brine dissolving tank	50 m^3 concrete	2	4

By the way, EX column of "Quantity of machines in the application" in the Clause 7 (Total number of the machines in this application) is 35, and this quantity is all right.

(Sgd) K. Kawaguchi
for Custodian of Fushiki Plant
Toa Gosei Kagaku Kogyo Co., Ltd.

Confirmed by Kisao Asano Tech. Commissioner,
Commerce and Industry Section, Toyama Kencho.
8 Nov. 1950

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

File

TOA GOSEI KAGAKU KOGYO CO., LTD.
FUSHIKI PLANT.

Aug. 9, 1950.

To : Tokai Hokuriku Civil Affairs Team.

Thru : Commerce and Industrial Section of Toyama Prefectural Office.

Subject: Application for the movement of the EX-machines.

1. Applicant and code number: Toa GoseiKagaku Kogyo Co.,Ltd. Fushiki Plant. "42-9".

2. Locality of the plant: 90, Fushiki-Shinshima, Takaoka-shi, Toyama-Ken.

3. Machines to be moved:

	Name of machine		Type	Quantity
1.	EX-new	Raw salt dissolving tank	120 m^3 concrete	3
2.	"	Brine pump (with motor)	dia. 2" 3 HP	2
3.	"	Elevator	backet type	1
4.	"	Screw conveyer	10T/day	2
5.	"	Reduction gear (with motor)	3 HP	2
6.	"	Softener		2
7.	"	Pump for the above (with motor)	3 HP	~~3~~
8.	"	Brine dissolving tank	50 m^3 concrete	~~4~~
9.	"	Chlorine gas cooler	porcelain	2
10.	"	Chlorine gas dryer	"	1

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

	Name of machines	Type	Quantity
11. EX-new	Weak acid tank	concrete lead	1
12. "	Nash blower (with motor)	dia. 2" 5 HP	1
13. "	Caustic soda receiving tank	15 m^3 iron	2
14. "	Hydrogen gas washer		1
15. "	Nash blower (with motor, separator and damper	dia. 3" 15 HP	2
16. "	Sulphuric acid pump (with motor)	dia. 1" 1 HP	2
17. "	Caustic soda storage tank	20 m^3	1
18. "	Feed pump (with motor)	dia. 2" 3 HP	3

a. Present position: To be equipped newly.

b. Place to move to:

(1) - (7) ..... The 1st brine purification plant
(8) ..... The 2nd brine purification plant
(9) - (16)..... Electrolytic equip. of soda (diaphragm system) N plant
(17) - (18)..... Evaporation plant.

4. Reasons to move the machines:

In 1938, we stopped for the time being the operation of the electrolytic equipment of soda (diaphragm system) N Plant as the supply of raw salt became worse, we have not been set in motion up to the present.

Lately, we have been demanded to increase the production of trichloroethylene by G.H.Q. So, in response to the demand of G.H.Q., we wish eagerly to newly equip the plant with the above-mentioned machines and to set them in operation as soon as possible.

We, hereby, apply for the movement of the EX-machines.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

5. The date of the movement of the machines:

Immediately after the permission.

6. To produce what kind of products was this company or plant established.

A. Company: Caustic soda
B. Plant: Caustic soda

7. Total number of the machines in this plant:-

Class	Quantity	Quantity of machines in the application (not yet permitted)	Quantity of machines in this application	Total
A	68	-	-	68
B	192	-	-	192
NI	458	-19	-	439
EX	70	- 4	+ 35	101
Total	788	-23	+.35	800

As the above-mentioned machines are intended to be equipped in the reparation plant, we apply for the permission to make them "EX-machines".

I represent the Company and plant

(Sgd) For Kaoru Shibuya
For Master of Fushiki Plant of
Toa Gosei Kagaku Kogyo Co., Ltd.

Confirmed by Hisao Asano Tech. Commissioner, Commerce and Industry Sec., Toyama Kencho.
18 Sep. 1950.

Check

APPROVED
E. F. Jorgard DAC
Economics DIV. TECAB
Date 7 Oct. 50
by Y. Yamanouchi

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

File

TOA GOSEI KAGAKU KOGYO CO., LTD.
FUSHIKI PLANT.

Aug. 9, 1950.

To : Tokai Hokuriku Civil Affairs Team.

Thru : Toyama Prefectural Office.

Subject: Application for the Aboliton of the Reparation Designated Machine.

1. Applicant and its code number: Toa GoseiKagaku Kogyo Co., Ltd. Fushiki Plant, "42-9"

2. Location: 90, Fushiki-Shinshima, Takaoka city, Toyama Pref.

3. Machines to be abolished:

A.	Name of machines	Type	Quantity	Present location	Owner
ET	NI - 40 Coal sender (with motor 1.5 HP)	45 kg/hr. under feed type	4	Evaporative Plant in Fushiki Plant of Toa Gosei Kagaku Kogyo Co., Ltd.	Toa Gosei Kagaku Kogyo Co., Ltd. Fushiki Plant
	Total ...		4		

B.	Name of machines	Type	Quantity	Present location	Owner
	SX-11 High Voltage NaCl productor	3,300 V. 200 KW forced circulation type	1	Evaporative Plant in Fushiki Plant of Toa Gosei Kagaku Kogyo Co., Ltd.	Toa Gosei Kagaku Kogyo Co., Ltd. Fushiki Plant
	12 Circulating pump	with motor 7.5-10 HP dia. 4" turbine	2	"	"
	13 Feed pump	Liq. circulation with motor 3 HP dia. 2" turbine	1	"	"

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

B.	Name of machines	Type	Quantity	Present location	Owner
EX-14	Middle voltage NaCl Productor	700 V 2,000 KW circulation type	1	Evaporative Plant in Fushiki Plant of Toa Gosei Kagaku Kogyo Co.,Ltd.	Toa Gosei Kagaku Kogyo Co.,Ltd. Fushiki Plant
15	Circulating pump	half set with motor 10 HP dia 4" turbine	2	"	"
16	Feed pump	evaporator with motor 5 HP dia. 2½" turbine	1	"	"
17	Nash pump	with motor 5 HP dia.2" turbine	2	"	"
18	Feed pump	with motor 3 HP dia 2" turbine	3	"	"
19	Feed pump	dia. 2" turbine	1	"	"
20	Brine tank	2.5 m^3. iron cylinderical type	1	"	"
21	Brine pump	centrifugal type dia.2" turbine	1	"	"
	Total		16		

4. Reason for the application.

(A) Why we want to dispose of these machines?

Above-mentioned "NI" machines were not to be put to use from their erosion when the designation of reparation was made, and have not been registered up to now.

And "EX" machines were set up in 1946 in order to produce salt, but we stopped the work in 1947 according to the circumstances at that time, and at present they are not in motion. They cannot be substantially put to use and useless for us.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

Having been requested to increase the production of Trichloroethylene by G.H.Q., we are eager to increase the efficiency of operation by the removal of these machines with the resituation of the Electrolytic equipment of Soda N plant, we now apply for the permission about the removal and abolition of it.

(B) The date to remove and abolish it.

Immediately after the permission.

5. What to produce were this company and plant established?

(a) The Company: Caustic Soda
(b) The Plant: Caustic Soda
(c) The total number of the machines in the plant:

Class	Quantity	Quantity of machines in the application July 31 (not yet permitted)	Quantity of machines in this application	Total
A class	68	-	-	68
B class	192	-	-	192
N.I.	458	3	16	439 ✓
EX	70	-	4	66 ✓
Total	788	3	20	765

We certify that this report is true and that the machines are the control-designated machines, but not the registered.

APPROVED
E. F. Jouard
E. F. Jouard DAC
Economics Div. THCAR
Date 7 Oct 50

Check
by Y. Yamamoto

(Sgd) To Haoru Shibuya
For Master of Fushiki Plant of
Toa Gosei Kagaku Kogyo K.K., Ltd.

Confirmed by Hisao Asano Tech. Commissioner.
Commerce and Industry Sec. Toyama Kenchō.
18 Sep. 1950.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

A/D Fild

TOA GOSEI KAGAKU KOGYO CO., LTD.
FUSHIKI PLANT.

Date, July 28, 1950.

To : Tokai-Hokuriku Civil Affairs Team.

Thru : Toyama Prefectural Office.

Subject: Application for the abolition of the Reparation Designated Machines.

1. Applicant and its code number:

Toa Gosei Kagaku Kogyo Co., Ltd. Fushiki Plant. "42-9".

2. Locality of the Plant:

No.90, Fushiki-Shinshima, Takaoka city, Toyama Pref.

3. The machines to be abolished:

Name of machines	Type	Quantity	Present position	Owner
NI-131 Hydrochloric acid receiving tower	dia.80 cm. x 3 m.	1	Toa Gosei Kagaku Kogyo Co.,Ltd. Fushiki Plant Hydrochloric acid equipment	Toa Gosei Kagaku Kogyo Co.,Ltd. Fushiki Plant
NI-132 - " -	"	2	"	"

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

4. Reasons for the Application.

A. Why we want to dispose of these machines

The above machinery were registered on the "NI list" and still remains as they were, but as they have been useless since the time of registration, they are volumnous and are apt to reduce the efficiency of the operation, we now apply for the permission about the removal and abolition of them.

B. The date to remove and abolish them.

Immediately after the permission.

5. What to produce were this company and plant established.

A. The Company: Caustic Soda
B. The Plant: Caustic Soda
C. The total number of the machines in the plant:

Class	Quantity	Quantity of application for the abolition machine	Total
A class	68	-	68
B class	192	-	192
NI machine	458	3	455
EX machine	70	-	70
Total	788	3	785

We certify that this report is true and that the machines are the control-designated machines, but not the reparation machines.

For (Sgd) Yuzo Shima
Master of Fushiki Plant
Toa Gosei Kagaku Kogyo Co.,Ltd.

Confirmed by Kisao Asano Tok. Commissioner, Commerce and Industry Section, Toyama Kenchu.
- Aug. - 1950.

APPROVED
E. F. Jotard
E. F. Jotard DAC
Economics Div. THCAR
Date 28 Aug. 50
by Y. Yamamoto

check

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

TOA GOSEI KAGAKU KOGYO CO., LTD.
FUSHIKI PLANT.

Date: July 3, 1950.

Subject: Application for the abolition of the Control-Designated machine.

1. Application and its code number:

Toa Gosei Kagaku Kogyo Co., Ltd. Fushiki Plant "42-9"

2. Locality of the plant:

No.90, Fushiki-Shinshima, Takaoka city, Toyama Pref.

3. The machines to be abolished:

(a) N. I. machines

Name of machines	Type	Quantity	Present position	Owner
N.I. - 1	Soda ash dissolving tank	1.70x1.45m. 1	Toa Gosei Kagaku Kogyo Co.,Ltd. Fushiki Plant.	Toa Gosei Kagaku Kogyo Co.,Ltd. Fushiki Plant.
N.I. -10	Brine feed tank	1.9x1.9x1.9 m wooden 1	"	"
N.I. -13	Pump for the saturation tank and motor	dia.4" C.F. motor 15 HP 1	"	"
N.I. -14	Recovered brine pump	dia.2" turbin 1	"	"
N.I. -23	Drain storage	60x60x75 cm. steel tank 1	"	"
N.I. -24	Weak acid tank	1,100x1,100x 1,100 m/m 1 lead lined tank	"	"
N.I. -27	Chlorine gas cooler	Porcelain tube dia.63m/mx3m. 2	"	"
N.I. -30	Chlorine gas damper	dia.650x950 s steel 1	"	"
N.I. -39	Furnace for the fusion kettle	Cast iron 4 dia.2,300 m/m	"	"

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

(b) EX machine

Name of machine	Type	Quantity	Present position	Owner
EX - 7	2 stage turbin pump	dia. 3" 2	Toa Gosei Kagaku Kogyo Co.,Ltd. Fushiki Plant	Toa Gosei Kagaku Kogyo Co.,Ltd. Fushiki Plant

4. Reason for the application.

A. Why we want to dispose of these machines.

Since the time of the designation of the control, these machines were extremely decayed and of no use, so they have not been registered till now. As they are volumnous and are apt to reduce the efficiency of the operation, we now apply for the permission about the removal and abolition of them.

B. The date to remove and abolish them.

Immediately after the permission.

5. What to produce were this company and plant established.

A. The Company: Caustic Soda
B. The Plant: Caustic Soda
C. The total No. of the machines in the plant: 804

6. List of Reparations-Designated machines.

Class	Quantity	Quantity of application for the abolition machines	Total
1st class	68	-	68
2nd class	192	-	192
3rd class	-	-	-
N.I. machine	(475)	13	462
EX machine	69	2	67
Total	804	15	789

APPROVED
E. F. Jouard DAC
Economics Div. THCAR
Date 15 July '50

We certify that this report is true and that the machines are the control-designated machines, but not the registered machines.

Confirmed by Kinki Asano Tokyo Commissioner, Commerce and Industry section, Nagano Kencho 6 July 1950.

(Sgd) To H. Hasegawa
Master of Fushiki Plant.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

TOA GOSEI KAGAKU KOGYO CO., LTD.
FUSHIKI PLANT.

June 26, 1950.

Subject: Application for the movement of the EX-machines.

1. To : Chief of the Economic Section, Tokai-Hokuriku Civil Affairs Team.

2. Thru: The Commerce and Industry Section of Toyama Prefectural Office.

3. Presenter: Toa Gosei Kagaku Kogyo Co., Ltd. Fushiki Plant.

(a) Applying Company: Toa Gosei Kagaku Kogyo Co., Ltd. Fushiki Plant.

(b) Location: 90, Fushiki-Shinshima, Takaoka-Shi, Toyama-Ken.

(c) Machines to be moved:

Number of machines	Name of machines	Type	Quantity
EX - New	Reaction chamber	9m.x2.4m.x9.6m. (concrete)	3

(d) Present position: To be equipped newly.

(e) Owner: Nippon Hodo (Japan Pavement) Co.,Ltd. Nagoya Branch.
30, 1-chome, Ohisate-machi, Chigusa-ku, Nagoya-Shi.

We have the order to the above company.

Esteemed value: ¥2,831,000.-

(f) Place to move to: Bleaching powder equipment.

Ex Check
69 + 3 = 72 sets

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

4. Reasons to move the machines:

Our bleaching powder equipment has never been renewed since it was set up in 1918, and also it has been a NI machine for its exhaustion and decay since the reparation appointment. So we wish to equip EX-machines newly in place of the four Reaction chambers of which we applied for the permission of scrapping, the other day.

We, hereby, apply for the permission to move the above-mentioned machines.

5. The date of the movement of the machines:

Immediately after the permission.

6. To produce what kind of products was this Company or Plant established.

A. Company: Caustic Soda
B. Plant: Caustic Soda
C. Total number of the machines in this plant:
~~NV 656~~ Executed machines 72 (Reparation machines)

As the above-mentioned machines are intended to be equipped in the reparation plant, we apply for the permission to make them "EX-machines". I represent the Company and Plant.

(Sgd) K. Kawaguchi
For Custodian of Toa Gosei Kagaku Kogyo Co.,Ltd. Fushiki Plant.

Confirmed by Kisao Asano Tech. Commissioner, Commerce and Industry Section, Toyama Kencho. 29 June, 1950.

APPROVED
E. F. Jouard
E. F. Jouard DAC
Economics Div. THCAR
Date 12 July 50
by Y. Yamamoto

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

TOA GOSEI KAGAKU KOGYO CO., LTD.
FUSHIKI PLANT.

Date, June 8, 1950.

Subject: Application for the Abolition of the Control-Designated Machines.

1. Applicant and its code number:

Toa Gosei Kagaku Kogyo Co., Ltd. Fushiki Plant.
"42-9".

2. Locality of the Plant:

No.90, Fushiki-Shinshima, Takaoka city, Toyama Pref.

3. The machines to be abolished:

Name of machine	Type	Quantity	Present position	Owner
NI-126 Reaction Chamber	m. m. m. 14.3x29x6.1	3	Toa Gosei Kagaku Kogyo Co., Ltd. Fushiki Plant Bleaching Powder Equip.	Toa Gosei Kagaku Kogyo Co., Ltd. Fushiki Plant.
NI-127 - " -	"	1	"	"
NI-128 Rotary screen	m. m. m. 2.64x1.56x2.30	1	"	"
NI-123 Bumb dryer	7.57 KW	1	Toa Gosei Kagaku Kogyo Co., Ltd. Fushiki Plant Liquid Chlorine Equip.	"

4. Reasons for the Application:

A. Why we want to dispose of these machines.

Since the time of the designation of the control, these machines were extremely decayed and of no use, so they have not been registered till now. As they are volumnous and are apt to reduce the efficiency of the operation, we now apply for the permission about the removal and abolition of them.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

B. The date to remove and abolish them.

Immediately after the permission.

5. What to produce were these company and plant established.

A. The Company: Caustic Soda.
B. The Plant: Caustic Soda.
C. The total number of the machines in the plant:
861 (Reparation machines only)

We certify that this report is true and that the machines are the control-designated machines, but not the registered machines.

(Sgd) To K. Kawaguchi
For Master of Fushiki Plant,
Toa Gosei Kagaku Kogyo Co.,Ltd.

Confirmed by Hisao Asano Deb. Commissioner.
Commerce and Industry Section. Toyama Branch.
12 June, 1950.

APPROVED
E. F. Jouard
E. F. Jouard DAC
Economics Div. THCAR
Date 29 June '50
by G. Yamanouchi

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

TOA GOSEI KAGAKU KOGYO CO., LTD.
FUSHIKI PLANT.

File

Date, Apr. 24, 1950.

To Tokai-Hokuriku Civil Affairs Team.

Thru: Commerce and Industrial Section of Toyama Prefectural Office.

Subject: Application for the Abolition of the ~~Control~~ Separation Designated Machine.

1. Applicant and its code number: Toa Gosei Kagaku Kogyo Co.,Ltd. Fushiki Plant. "42-9".

2. Locality of the plant: No.30, Fushiki-Shinshima, Takaoka city, Toyama Pref.

3. The machine to be abolished:

Name of Machine	Type	Quantity
Weak caustic liquor storage	4,460m/mx8,970m/mx2,380m/m Steel tank	1

Present position	Owner
Toa Gosei Kagaku KogyoCo.,Ltd. Fushiki Plant Evaporation Equip.	Toa Gosei Kagaku Kogyo Co.,Ltd. Fushiki Plant.

4. Reasons for the Application:

A. Why we want to dispose of this machine?

Since the time of the designation of the ~~Control~~ Separation this machine was unable to use so it has not been registered till now. As it is voluminous and is apt to reduce the efficiency of the operation, we now apply for the permission about the removal and abolition of it.

B. The date to remove and abolish it.

Immediately after the permission.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

5. What to produce were this company and plant established?

A. The Company: Caustic Soda
B. The plant: Caustic Soda
C. The total number of the machines in the plant:

869 (Reparation machines only)

We certify that this report is true and that the registered machine.

(Sgd) To Kaoru Shifuya
For Master of Fushiki Plant of
Toa Gosei Kagaku Kogyo Co.,Ltd.

APPROVED
E. F. Jouard
E. F. Jouard DAC
Economics Div. THCAR
Date 8 June '50
by Y. Yamanouchi

Confirmed by Hisao Asano Tech. Commissioner.
Commerce and Industry Sec. Toyama Kencho.
25 April 1950.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

TOA GOSEI KAGAKU KOGYO CO., LTD.
FUSHIKI PLANT.

Date, May 4, 1950.

To: Tokai-Hokuriku Civil Affairs Team.

Thru: Commerce and Industrial Section of Toyama Prefectural Office.

Subject: Application for the Abolition of the Reparation Designated Machine.

1. Applicant and its code number: Toa Gosei Kagaku Kogyo Co.,Ltd. Fushiki Plant. "42-9".

2. Locality of the plant: No.90, Fushiki-Shinshima, Takaoka city, Toyama Pref.

3. The machine to be abolished.

Name of Machine	Type	Quantity
Electrolytic cell	Nelson type 1,000 Amp. NaOH 31 kg/day Iron	12 cell

Present position	Owner
Toa Gosei Kagaku Kogyo Co.,Ltd. Fushiki Plant Electrolysis equip. of Soda (Diaphragm system) N Plant.	Toa Gosei Kagaku Kogyo Co.,Ltd. Fushiki Plant.

4. Reasons for the Application:

A. Why we want to dispose of this machine.

Since the time of the designation of the reparation, this machihe was unable to use so it has not been registered till now. As it is voluminous and is apt to reduce the efficiency of the operation, we now apply for the permission about the removal and abolition of it.

B. The date to remove and abolish it.

Immediately after the permission.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

5. What to produce were this company and plant established?

A. The Company: Caustic Soda
B. The Plant: Caustic Soda
C. The total number of the machines in the plant:
869 (Reparation machines only)

We certify that this report is true and that the registered machine.

(Sgd) E. Naoru Shibuya
Master of Fushiki Plant of
Toa Gosei Kagaku Kogyo Co.,Ltd.

APPROVED
E. F. Jouard
E. F. Jouard DAC
Economics Div. THCAR
Date 27 May '50

Confirmed by Kisao Asano Tech. Commissioner.
Commerce and Industry Section. Toyama Kencho.
8. May. 1950.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

TOA GOSEI KAGAKU KOGYO CO., LTD.
FUSHIKI PLANT.

Apr. 5, 1950.

To: Tokai-Hokuriku Civil Affairs Team.

Thru: Shinko-Gakari (Person in charge of promotion) of the Commerce and Industry Section of Toyama Prefecture.

Name of Plant: Toa Gosei Kagaku Kogyo Co., Ltd. Fushiki Plant.

Locality: 90, Fushiki-Shinshima, Takaoka-shi, Toyama-Ken.

Code number: 42-9.

Report of the arrival of a Reparation Machine.

The following machine forwarded to repair shop by the permission of movement was carried in our plant.

We hereby submit the report of the arrival of the machine.

1.	Name of the machine carried in:	IIA5-4 Armature of Rotary converter
2.	Type:	D.C. 720 KW, 120 V. 6000 Amp. A.C. 6 ph. 60 cy. 600 r.p.m.
3.	Quantity:	1
4.	Weight:	about 4 tons
5.	Date carried in:	March 14, 1950.
6.	Repair shop:	Tsurumi Plant of Tokyo Shibaura Electric Co., Ltd. 4, 2-chome, Suehiro-cho, Tsurumi-ku, Yokohama-Shi.

(Sgd) E. K. Kawaguchi
For Master of Fushiki Plant of
Toa Gosei Kagaku Kogyo Co.,Ltd.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

TOA GOSEI KAGAKU KOGYO CO., LTD.
FUSHIKI PLANT.

Apr. 5, 1950.

To: Tokai-Hokuriku Civil Affairs Team.

Thru: Shinko-Kakari (Person in charge of promotion) of the Commerce and Industry Section of Toyama Prefecture.

Name of Plant: Toa Gosei Kagaku Kogyo Co., Ltd. Fushiki Plant.

Locality: 90, Fushiki-Shinshima, Takaoka-Shi, Toyama-Ken.

Code number: 42-9.

Report of the arrival of a Reparation Machine.

The following machine forwarded to repair shop by the permission of movement was carried in our plant.

We hereby submit the report of the arrival of the machine.

1.	Name of the machine carried in:	IIA5-4 Armature of Rotary convertar
2.	Type:	D.C. 720 KW, 120 V. 6000 Amp. A.C. 6 ph. 60 cy. 600 r.p.m.
3.	Quantity:	1
4.	Weight:	about 4 tons
5.	Date carried in:	March 14, 1950.
6.	Repair shop:	Tsurumi Plant of Tokyo Shibaura Electric Co., Ltd. 4, 2-chome, Suehiro-cho, Tsurumi-ku, Yokohama-Shi.

(Sgd) E. K. Kawaguchi
For Master of Fushiki Plant of
Toa Gosei Kagaku Kogyo Co., Ltd.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

TOA GOSEI KAGAKU KOGYO CO., LTD.
FUSHIKI PLANT.

Apr. 5, 1950.

To: Tokai-Hokuriku Civil Affairs Team.

Thru: Shinko-Gakari (Person in charge of promotion) of the Commerce and Industry Section of Toyama Prefecture.

Name of Plant: Toa Gosei Kagaku Kogyo Co., Ltd. Fushiki Plant.

Locality: 90, Fushiki-Shinshima, Takaoka-Shi, Toyama-Ken.

Code number: 42-9.

Report of the arrival of a Reparation Machine.

The following machine forwarded to repair shop by the permission of movement was carried in our plant.

We hereby submit the report of the arrival of the machine.

1.	Name of the machine carried in:	IIA5-4 Armature of Rotary converter
2.	Type:	D.C. 720 KW, 120 V. 6000 Amp. A.C. 6 ph. 60 cy. 600 r.p.m.
3.	Quantity:	1
4.	Weight:	about 4 tons
5.	Date carried in:	March 14, 1950.
6.	Repair shop:	Tsurumi Plant of Tokyo Shibaura Electric Co., Ltd. 4, 2-chome, Suehiro-cho, Tsurumi-ku, Yokohama-Shi.

(Sgd) Z. K. Kawaguchi
For Master of Fushiki Plant of
Toa Gosei Kagaku Kogyo Co.,Ltd.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

TOYAMA
PREFECTURE

9 Dec. 1949

TO : Chief of Economics Section,
Tokai & Hokuriku Civil Affairs Region.

FROM : Chief of Economic Dep't., Toyama Pref.

SUBJECT: Report on Shipment of Reparations-
Designated Equipment.

We have been notified of the shipment of a reparational machine, as per attached list, from Fushiki Factory of the Toa Synthetic Chemical Industry Co., Ltd. at 90 Shinshima, Fushiki, Takaoka City which was authorized to remove its reparations-designated equipment effective Nov. 22, 1949.

K.U./S.H.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

TOA GOSEI KAGAKU KOGYO CO., LTD.
FUSHIKI PLANT.

No.90, Fushiki-Shinshima, Takaoka-city,
Toyama Prefecture.

Nov. 29, 1949.

To: Tokai and Hokuriku Civil Affairs Team.

Thru: Promotion Dept., Commerce and Industry Section
of Toyama Prefecture.

Subject: Report of Shipment of the Designated Reparation
Machine which it was permitted to Move.

We hereby report to you that we are going to transport the designated reparation machine which it was permitted to move by you orally through the Commerce and Industry Section of Toyama Prefecture recently.

The details are as follows:-

1. Name of the machine to move:

II A 5-4 Armature of Rotary Convertor.

2. Type of the machine:

D.C. 720 KW 120 v. 6,000 amp. A.C. 6 Ph.
60 cy. 600 r.p.m.

3. Quantity and weight:

One machine, about 4 tons.

4. Date of transportation:

November 29, 1949.

5. Place to move to:

The Tokyo Shibaura Electric Co., Ltd.,
Tsurumi Plant.
No.4, 2-chome Suehiro-cho, Tsurumi-ku,
Yokohama city.
(at Shinshibaura Station on the Tsurumi-
Harbour Line).

6. Number of the freight-car:

ト 25350

(Sgd) K. Kawaguchi
Master of Fushiki Plant.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

TOA GOSEI KAGAKU KOGYO CO., LTD.
FUSHIKI PLANT.

File

Date, Jan. 21, 1950.

Subject: Application for the movement of the EX-machines.

1. To: Chief of the Economic Section, Tokai and Hokuriku Civil Affairs Region.

2. Thru: The Commerce and Industry Section, Toyama Prefectural Government.

3. Presenter: Toa Gosei Kagaku Kogyo Co., Ltd. Fushiki Plant.

A. Applying company: the same as above.
B. Locality of the Company and Plant:
No.90, Fushiki-Shinshima, Takaoka city, Toyama Pref.

C. Machines to be moved:

Number of machines	Names of machines	Type	Quantity
EX-new 1	Many-piped brine cooler	Liquid chlorine 5 tons/day	1 set
" 2	Many-piped chlorine condenser		
" 3	Liquid chlorine storage tank	5 tons	1
" 4	Ammonia condenser	Cold storage 20 tons/day, Many-piped, vertical type	1
" 5	Charcoal furnace	2 tons/day, HCl gas	1
" 6	Hydrochloric acid gas washing apparatus	4.5 tons HCl gas-processing	1 set
" 7	Hydrochloric acid absorbing apparatus	5 tons/day (one, absorbing tanks8)	2
" 8	Wash-blower apparatus	2.5 m^3/min. dia. 65m/m, 750 r.p.m.	2
" 9	Hydrochloric acid medium storage tank	2.5 tons, acid	1 set

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

Numbers of machine	Present position	Owner	Places to move to
EX-new 1-5	To be equipped newly	Made in this plant.	Liq.chlorine plant.
6-9	- " -	Ordered from outside (Refer to the annexed paper)	Hydrochloric acid plant

4. Reasons to move the machines:

Some of these machines are to be equipped newly in place of those which were extremely old and decayed according to the Permission of the Removal of the old ones, and others are to be equipped to increase the producing amount of liquid chlorine and hydrochloric acid of this plant. Some machines among them are made by our own hand.

5. The date of the movement of the machines:

We are going to move them immediately after the permission.

6. The total number of the machines now present in the designated plant:

A.	A class	68)	
	B class	192)	868
	NI	608)	
B.	EX-machines (hitherto)	60	

As the above-mentioned machines are intended to be equipped in the reparation plant; we apply for the permission to make them "EX-machines." I represent the Company and Plant.

APPROVED
E. F. Jouard DAC
Economics Div. JHCAR
Date 11 Feb. 50

E. F. Jouard by Y. Yamamoto

(Sgd) To Haruo Shibuya

For Master of the Fushiki Plant of
Toa Gosei Kagaku Kogyo Co.,Ltd.

Confirmed by Kinzo Asano Tech. Commissioner
Commerce and Industry Section. Toyama Pref.
9 Feb. 1950

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

Toa Gosei Kagaku Kogyo Co., Ltd.
Fushiki Plant.

List of Machines classified according to operation
(A. B. class machine)

Code No.	Item	Class			Machines in operation			Remarks
		A	B	Total	In Operation	Prepare to operate	Machines no operated	
22-25-A33	Transformer 15 KVA	1	-	1	-	1	-	
22-25-A34	Transformer 15 KVA	1	-	1	-	-	1	
22-25-A36	Transformer 7.5 KVA	1	-	1	-	1	-	
22-25-A37	Transformer 7.5 KVA	1	-	1	-	-	1	
22-25-A38	Transformer 7.5 KVA	1	-	1	-	-	1	
	Total			5	-	2	3	

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

File

TOA GOSEI KAGAKU KOGYO CO., LTD.
FUSHIKI PLANT.

Date, Feb. 3, 1950.

Subject: Application for the Abolition of the Control Designated Machine.

1. Applicant and its code number:

Toa Gosei Kagaku Kogyo Co.,Ltd. Fushiki Plant.
"42-9".

2. Locality of the Plant:

No.90, Fushiki-Shinshima, Takaoka city,
Toyama Pref.

3. The machine to be abolished:

Name of machine	Type	Quantity	Present position	Owner
Brine tank	1x1.5x3 concrete	1	Toa Gosei Fushiki Plant Electrolytic Equip. M.	Toa Gosei Kagaku Kogyo Co.,Ltd. Fushiki Plant

4. Reasons for the Application:

A. Why we want to dispose of this machine.

Since the time of the designation of the control, this machine was unable to use so it has not been registered till now. As it is voluminous and is apt to reduce the efficiency of the operation, we now apply for the permission about the removal and abolition of it.

B. The date to remove and abolish it.

Immediately after the permission.

5. What to produce were this company and plant established?

A. The Company: Caustic Soda
B. The Plant: Caustic Soda
C. The total number of the machines in the plant: 868
(Reparation machines only)

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

We certify that this report is true and that the machine is the control-designated machine, but not the registered machine.

do
(Sgd) Haoru Mibuya
Master of Fushiki Plant,
Toa Gosei Kagaku Kogyo Co.,Ltd.

Confirmed by Hisao Asano Tech. Commissioner
Commerce and Industry Section. Toyama Pref.
8 Feb. -50

APPROVED
E. F. Gouard by Y. Yamamoto
E. F. Gouard DAC
Economics Div. THCAR
Date 10 Feb. 50

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

Fil

TOA GOSEI KAGAKU KOGYO CO., LTD.
FUSHIKI PLANT.

Date, Jan. 21, 1950.

Subject: Application for the movement of an MX-machine.

To : Chief of the Economic Section, Tokai and Hokuriku Civil Affairs Region.

Thru : The Commerce and Industry Section, Toyama Prefectural Government.

Presenter: The Toa Gosei Kagaku Kogyo Co., Ltd. Fushiki Plant.

1. Applying Company and its Code number:

Toa Gosei Kagaku Kogyo Co., Ltd. Fushiki Plant.
"42-9".

2. Locality of the Company and Plant:

No.90, Fushiki-Shinshima, Takaoka city, Toyama Pref.

3. The machine to move:

Number:	MX-34
Name:	98 K.V.A. Induction Regulator.
Type:	Type R.O.T., System T.B., No.3560043, 3 phases, 60 cy., 3300/190 V., 57 amp., with Shibaura No.3543670 motor.
Quantity:	1
Present position:	No.90, Fushiki-Shinshima, Takaoka city, Toyama Pref.
Owner:	Toa Gosei Kagaku Kogyo Co., Ltd. Fushiki Plant.
Place to move to:	Toa Gosei Kagaku Kogyo Co., Ltd. Nagoya Plant.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

4. Reasons to move the machine:

(A) Since September, 1937, this Induction Regulator, owned by our plant, had been used for the manufacture of Ammonia Perchlorate, but the work was stopped in 1938 and the machine was accordingly left in a state of being not used until the end of the War. In 1946, considering the state of things at that time, we applied and received the Permission of its Conversion dated Dec. 5th, 1946, and for the purpose of operating a low pressure electric boiler with it, we moved it as an EX-machine into the 2nd Transformer room which was one of the reparation-designated equipments.

(B) And now we have decided to stop the operation of the low pressure electric boiler from various points of view. While on the other hand, the Nagoya plant belonging to our same company has recently planned to take up the manufacture of a synthetic fibre "Amilan", and endeavouring to contribute to the recovery of Japanese industry, after hardest studies and experiments they have almost succeeded in attaining the object, and it has become necessary for them to use this Induction Regulator in that work. The poorest condition of Japanese economy at present also makes us think it very much to the point that we shall move this machine, which is not at all used in our plant, to the Nagoya plant.

5. The date of move the machine:

We shall move it immediately after the permission.

6. The total number of the machines now present in the designated plant:

A. Reparation machines:
Registered machines 260 } 868
NI 608)

B EX-machines: 60

We apply for the permission to move the above mentioned machine, as it is not a reparation machine. I represet the Company and Plant.

APPROVED
E. F. Jouard by y. yamamoto
E. F. Jouard DAC
Economics Div. THCAR
Date 11 Feb. 50
Check

To
(Sgd) Haru Shibuya
For Master of the Fushiki Plant,
Toa Gosei Kagaku Kogyo Co.,Ltd.

Confirmed by Hisao Asano Tech. Commissioner,
Commerce & Industry Sec., Toyama pref.
3. Feb., 1950.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

TOA GOSEI KAGAKU KOGYO CO., LTD.
FUSHIKI PLANT.

Date, Jan. 21, 1950.

Subject: Application for the Abolition of the Control-designated machines.

1. Applicant and its code number:

Toa Gosei Kagaku Kogyo Co., Ltd. Fushiki Plant. "42-9".

2. Locality of the Plant:

No.90, Fushiki-Shinshima, Takaoka city, Toyama Pref.

3. The machines to be abolished:

Names of machines	Type	Quantity	Present position	Owner
Brine tank	20 tons, iron	1	Toa Gosei Fushiki Plant Liquid chlorine equipment	Toa Gosei Kagaku Kogyo Co., Ltd. Fushiki Plant.
Hydrochloric acid storage tank	2.5 tons iron	2	Toa Gosei Fushiki Plant Hydrochloric acid equipment	-do-

4. Reasons for the Application:

A. Why we want to dispose of these machines.

Since the time of the designation of the control, these machines were extremely decayed and of no use, so they have not been registered till now. As they are voluminous and are apt to reduce the efficiency of the operation, we now apply for the permission about the removal and abolition of them.

B. The date to remove and abolish them.

Immediately after the permission.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

5. What to produce were these company and plant established?

A. The Company: Caustic Soda.
B. The Plant: Caustic Soda.
C. The total number of the machines in the Plant:
868 (Reparation machines only)

We certify that this report is true and that the machines are the control-designated machines, but not the registered machines.

APPROVED
E. FUJISAKI DAC
Economics Div. UHCAR
Date 9 Feb. 50

(Sgd) To Kazu Shibuya
Master in charge of the
Fushiki Plant,
Toa Gosei Kagaku Kogyo Co.,Ltd.

Confirmed by Hisao Asano Tech. Commissioner
Commerce and Industry Section, Toyama Pref.
8. Feb. 1950

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

TOA GOSEI KAGAKU KOGYO CO., LTD.
TAKAOKA KOGYOSHO.

No.90, Fushiki-Shinshima, Takaoka city,
Toyama Pref.

24 June 1949.

To : The Commanding General of the 8th Army U.S.

Thru : The Toyama Military Government Team.

Subject: Application for the Withdrawal of the "Application for the conversion of the Work of the Designated Reparation Plant."

1. Name of the Plant:

Toa Gosei Kagaku Kogyo Kabushiki Kaisha,
Takaoka Plant.

2. Locality of the Plant:

No.500, Futagami-Innai, Takaoka city,
Toyama Pref.

3. Representative of the Plant:

Hiromu Seo, Master of Takaoka Plant.

4. Nominal capital: ¥40,880,000.-

5. Paid-up capital: ¥40,880,000.- the whole sum paid up.

6. Description of its Work and Products:

Manufacturing and Selling of Ammonium sulfate, caustic soda and their connecting chemicals.

We hereby entreat you to permit us to withdraw the "Application for the conversion of the Work of the Designated Reparation Plant," dated Jan. 13th, 1947, which was to the effect that we wanted to commence scouring and dyeing of cotton cloth. The reasons for this entreaty are as follows:

1. This plant was designated as Reparation Plant by the Directive S.C.A.P.-A-1129, Aug. 13th, 1946. Later the additional directive APO 713, "Clarification of Directives Selecting Chemical Plants for Reparations",

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

dated Feb. 24th, 1947, (typewritten on another paper) made clear the limits of the designated equipments, including all the equipments used in recovering chlorine. Then by the directive APO 713, "Status of Parts of Industrial Plants Not Under Reparations," dated May 22nd, 1947, (typewritten on another paper) the designation was relaxed. But in response to "the Application for the Conversion of the Work" offered on Jan. 13th, 1947, we have not received any directive, so the projected programs explained in the same application remains untouched hitherto. Now our plant has decided to give up enforcing these programs according to the change of the situation.

2. Owing to the kind direction of the Eighth Army, all the land and buildings except No.1 Warehouse were exempted from designation, so if we were to practise some other undertakings, we should not have to use reparation equipments. We shall then use new exempted equipments. Thus for these reasons the application mentioned in the subject has become meaningless and unnecessary.

(Sgd) S. Ishige.

Shuzo Ishige

Director and Chief of Takaoka Kogyosho,

Toa Gosei Kagaku Kogyo Co., Ltd.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

COPY

HEADQUARTERS
TOYAMA MILITARY GOVERNMENT TEAM
APO 713

22 May 1947.

SUBJECT: Status of Parts of Industrial Plants Not Under Reparations.

TO : Governor, Toyama Ken.

THRU : Toyama Liaison Office.

1. It is the opinion of this headquarters that portions of industrial plants, which are not under custody and control of the Occupation Forces, may be operated and controlled by the plant officials in the same manner as similar plants which have not been designated as Reparations Plants.

2. Custody and control apparently applies only to that portion of a plant which officially has been designated as under reparations or other type of restrictions.

FOR THE COMMANDING OFFICER:

(Sgd)

ARTHUR G. GEORGE
Major, INC.
Res, Com & Ind Officer

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

COPY

HEADQUARTERS
TOYAMA MILITARY GOVERNMENT TEAM
APO 713

24, February 1947.

SUBJECT: Clarification of Directives Selecting Chemical Plants for Reparations.

TO: Toa Gosei Kagaku Kogyo

A caustic soda plant includes not only the electrical equipment, cell equipment (which includes the mercury in mercury-type cells),and caustic soda evaporators, but also all equipment used to recover chlorine. Chlorine recovery equipment consists of liquid chlorine bottling plants, bleaching powder and solution plants, hydrochloric acid plants, and auxiliary equipment servicing such plants. Hydrogen blowers and their accessory equipment servicing the caustic soda plants are also included.

FOR THE COMMANDING OFFICER:

(Sgd)

EUGENE MOSS
Capt., CAC
Res, Com, & Ind Officer

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

TOA GOSEI KAGAKU KOGYO CO., LTD.
FUSHIKI PLANT.

Date, June 8, 1949.

To: Commander of the Eighth Army.

Thru: Toyama Military Government Team and
Toyama Prefectural Office.

Subject: Application for the Movement of a Reparation Machine.

1. Applying Company: Toa Gosei Kagaku Kogyo Co., Ltd.
Fushiki Plant.

2. Locality of the Applicant:

No.90, Fushiki-Shinshima,
Takaoka city, Toyama Pref.

3. The Machine to move:

(a) Name: II A 5-4 Three Phases Induction Voltage Regulator.

(b) Type: 180 K.V.A. ph. 360 cy.
3,300 ± 990 V.
Sec. Amp. 105.

(c) Quantity: 1

(d) Present position: Toa Gosei Kagaku Kogyo Co., Ltd.
Fushiki Plant.

(e) Owner: the same as above.

(f) Place to move to: Tokyo Shibaura Electric Co.,Ltd.
No.16, 1-chome, Nihonbashi
Motomachi, Chuo-ku, Tokyo city.

4. Reasons for the Application:

(A) This Induction Voltage Regulator once belonged to Rotary Convertor (D.C. 720 KW, 120 V, 6,000 A, A.C. 6 ph., 60 cy., 600 r.p.m.) and was made useless on account of an accident in 1944. When it was designed as a reparation machine on Aug. 24, 1946, it was registered on the List of B class as a machine required to repair, and remains now as such.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

Now the rehabilitation of the peacetime industry is desired earnestly, so we, our plant, heartily wish to do our part in that line, and are steadily endeavouring to arrange all the present equipments into a perfect condition.

As the convertor of this regulator has no spare regulator at present, and we are using the one belonging to II A S-1, D.C. 1,320 KW in its place, the voltage goes down, and we are sorry to be unable to fully display our productive power. For these reasons we hereby, with following references, apply for the permission to move this machine for the purpose of repairing it.

(References)

1. Repair shop: Tokyo Shibaura Electric Co., Ltd.
   No.16, 1-chome, Nihonbashi
   Motomachi, Chuo-ku, Tokyo city.

2. Weight: about 4 tons.

3. Repair expenses: ¥ 510,000.-

4. Price of a new one: 1,~~180~~,000.-

5. Transporting expenses: abt. ¥ 11,900.-

   Railway freight: ¥ 4,900.-
   Porterage: ¥ 7,000.-

6. Expected period of repair: abt. 4 months
   (after permission)

(B Date of the movement of the machine:

Immediately after the permission.

5. What to produce was this company and plant established?

A. Company: Caustic soda and similars.

B. Plant: Caustic soda and similars.

C. Total number of the machinery of the plant:

873 (Reparation machinery)

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

I certify this report to be true and the machine to be a reparation machine.

(Sgd)

For Kaoru Shibuya
Master of Fushiki Plant.

6. Recommendation of the Commerce and Industry Section of Toyama Prefecture:

We admit (~~or do not admit~~) the machine mentioned in this application to be moved for the following reasons:-

We hereby certify that Regulator under article 3 is neccessary to be moved to Tokyo Shibaura Electric Co., Ltd., for adjustment and increase of production power.

(Sgd) K. Ishikawa

We hereby permit (or do not permit) the machine mentioned in this application to be moved.

(Sgd)

Committee to permit the movement of machinery.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 773013

APPLICATION FOR THE PERMISSION TO MOVE THE MACHINERY

Date, Apr. 15, 1948

1. The Applying Company: Toa Gosei Kagaku Kogyo Co.,Ltd. Fushiki Plant.

2. Locality of the Company: No.30, Fushiki-Shinshima, Takaoka city, Toyama Pref.

3. Machinery to move:

Code No.	Name of Machinery	Size	Unit	Locality	Owner	Place to move to
22-25-A36	Transformer	Primary V: 3450-3300-3150-3000-2850 Secondary V: 210-105 Phase: Single 7.5 KVA 60 cycle	1	Entrance of Fushiki harbour	Toa Gosei Kagaku Kogyo Co., Ltd. Fushiki Plant (Though the prices were clearly paid, they are by mistake registered as national machinery on the list of national property.)	No.2 electric substation
22-25-A37	"	- do -	1	"	- " -	- " -
22-25-A38	"	- do -	1	"	- " -	- " -

4. The Reasons for Applying:

a. Purpose of the movement of the machinery.

These transformers were set at the entrance of Fushiki Harbour to take in the sea-water while the plant was engaged in manufacturing salt. After it stopped making salt at the end of May, 1947, they were left in the same place and preserved and repaired, being not used. But now, owing to the inconvenience of remoteness, we wish to move them into the No.2 Electric Substation in the site of the plant in order to preserve and repair them altogether with the other non-used electric.

b. Date of the movement of the machinery.

Immediately after the permission.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

5. What was the plant founded to produce.

(a) Company . ..... Caustic soda
(b) Plant ..... Caustic soda
(c) Total number of the machinery of the plant.

Reparation machines - 873

I certify that information here on is true, above-mentioned machines are reparation machines.

Toa Gosei Kagaku Kogyo Co., Ltd.

(Sgd) K. Kawaguchi
For Master of Fushiki Plant.

6. Recommendation Commerce and Industry Section Ken:

Movement of machinery requested in this application is approved (~~disapproved~~) for the following.

I hereby certify that Transformers Under Article 3 are necessary to be moved to Fushiki Plant, Toa-Gosei K.K., to custody and manage these transformers under good conditions.

(Sgd) Kyoei. Kawaguchi

7. Permission is (~~is not~~) hereby granted to move machinery as requested in this application.

(Sgd) J.G. Kenneth R. Spear Capt. F.A.
Authorized to grant permission for movement of machinery.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

TOA GOSEI KAGAKU KOGYO CO., LTD.
FUSHIKI PLANT.

Date, June 8, 1949.

To: Commander of the Eighth Army.

Thru: Toyama Military Government Team and
Toyama Prefectural Office.

Subject: Application for the Movement of a Reparation Machine.

1. Applying Company: Toa Gosei Kagaku Kogyo Co., Ltd.
Fushiki Plant.

2. Locality of the Applicant:

No.90, Fushiki-Shinshima,
Takaoka city, Toyama Pref.

3. The Machine to move:

(a) Name: II A 5-4 Three Phases Induction Voltage Regulator.

(b) Type: 180 K.V.A. ph. 360 cy.
3,300 ± 990 V.
Sec. Amp. 105.

(c) Quantity: 1

(d) Present position: Toa Gosei Kagaku Kogyo Co., Ltd.
Fushiki Plant.

(e) Owner: the same as above.

(f) Place to move to: Tokyo Shibaura Electric Co.,Ltd.
No.16, 1-chome, Nihonbashi
Motomachi, Chuo-ku, Tokyo city.

4. Reasons for the Application:

(A) This Induction Voltage Regulator once belonged to Rotary Convertor (D.C. 720 KW, 120 V, 6,000 A, A.C. 6 ph., 60 cy., 600 r.p.m.) and was made useless on account of an accident in 1944. When it was designed as a reparation machine on Aug. 24, 1946, it was registered on the List of B class as a machine required to repair, and remains now as such.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

Now the rehabilitation of the peacetime industry is desired earnestly, so we, our plant, heartily wish to do our part in that line, and are steadily endeavouring to arrange all the present equipments into a perfect condition.

As the convertor of this regulator has no spare regulator at present, and we are using the one belonging to II A 5-1, D.C. 1,320 KW in its place, the voltage goes down, and we are sorry to be unable to fully display our productive power. For these reasons we hereby, with following references, apply for the permission to move this machine for the purpose of repairing it.

(References)

1. Repair shop: Tokyo Shibaura Electric Co., Ltd.
   No.16, 1-chome, Nihonbashi
   Motomachi, Chuo-ku, Tokyo city.

2. Weight: about 4 tons.

3. Repair expenses: ¥ 510,000.-

4. Price of a new one: 1,150,000.-

5. Transporting expenses: abt. ¥ 11,900.-

   Railway freight: ¥ 4,900.-
   Porterage: ¥ 7,000.-

6. Expected period of repair: abt. 4 months
   (after permission)

(B Date of the movement of the machine:

Immediately after the permission.

5. What to produce was this company and plant established?

A. Company: Caustic soda and similars.

B. Plant: Caustic soda and similars.

C. Total number of the machinery of the plant:

873 (Reparation machinery)

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

I certify this report to be true and the machine to be a reparation machine.

(Sgd) Kaoru Shibuya
For Master of Fushiki Plant.

6. Recommendation of the Commerce and Industry Section of Toyama Prefecture:

We admit (~~or do not admit~~) the machine mentioned in this application to be moved for the following reasons):-

We hereby certify that Regulator under article 3 is neccessary to be moved to Tokyo Shibaura Electric Co., Ltd., for adjustment and increase of production power.

(Sgd) K. Nishimura

We hereby permit (or do not permit) the machine mentioned in this application to be moved.

(Sgd)

Committee to permit the movement of machinery.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

List of Scrap Machinery.

(1) Date, July 20th 1948.

(2) Name of Plant:

Toa Gosei Kagaku Kogyo Co.,Ltd.
Fushiki Plant.

(3) Signature of Reporter:

Ikuma Tomaka

(4) Item No.	(5) Bld. No.	(6) Code No.	(7) Name, type, specification of machinery	(8) Weight	(9) Remarks
1	Electrolysis equipment of soda (Diaphragm system) N Plant	1-A-1	Electrolytic cells (Diaphragm process) Nelson type 1,000A. 4.0 v. NaOH 31.0 kg/day	200 kg.	Weight shows cell only, not include accessories
2.	"	1-A-2	- " -	200 "	"
3.	"	1-A-3	- " -	200 "	"
4.	"	1-A-4	- " -	200 "	"
5.	"	1-A-5	- " -	200 "	"
6.	"	1-A-6	- " -	200 "	"
7.	"	1-A-7	- " -	200 "	"
8.	"	1-A-8	- " -	200 "	"
9.	"	1-A-9	- " -	200 "	"

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

List of Inventoried Materials.

(1) Date, July 20th 1948.

(2) Name of Plant:

Tosa Gosei Kagaku Kogyo Co.,Ltd.
Fushiki Plant.

(3) Signature of Reporter:

Ikuma Tanaka

(4) Item No.	(5) Bld. No.	(6) Code No.	(7) Name, Size Quantity of materials			(8) Estimated weight	(9) Remarks
1	Warehouse No.13	None	Stop valve (Gun metal screw type)	1/4"	74	18 kg.	
2	"	"	Stop valve (with flange)	2"	208	1,600	
3	"	"	"	2½"	80	800	
4	"	"	"	4"	23	460	
5	"	"	Stop valve (Iron screw type)	1/4"	85	80	
6	"	"	Stop valve (with flange)	2½"	3	60	
7	"	"	Stop valve (with flange)	3"	19	180	
8	"	"	Sluice valve (Gun metal screw type)	1"	2	4	
9	"	"	"	1.1/4"	1	2	
10	"	"	"	2.1/2"	3	30	