GIFU
MILITARY GOVERNMENT TEAM
APO 25 (Gifu, Honshu)

FXM/jso

23 September 1946

SUBJECT: Application for Reconversion, Nippon Gosei Kagaku Kogyo Kabushiki Kaisha, Ogaki Factory

THRU : Commanding Officer, Tokai-Hokuriku Mil Govt Region, Hq & Hq Detachment, APO 710

TO : Commanding General, I Corps, APO 301 (Attn: Military Government Section)

1. References:

a. SCAPIN 1134 dated 13 August 1946.

b. Letter this headquarters, subject: Inspection of Reparation Plant, Nippon Gosei Kagaku Kogyo Kabushiki Kaisha, Ogaki Factory, dated 31 August 1946.

2. Inclosed is application for reconversion by factory mentioned in par. 1.

a. The factory is manufacturing commodities essential to civilian economy.

b. No other suitable facilities are available.

c. Production is in accordance with the general policies of the occupation.

3. The Nippon Gosei Kagaku Kogyo Kabushiki Kaisha, Ogaki Factory was inspected 12 September 1946. Since this company is now in production, it is recommended that the inclosed application be approved.

4. Subject Company is incorrectly referred to in (SCAPIN 1134) as Nihon Yosei Kayaku Kogyo K. K.

Incl:
5 Copies of Application

EDWARD L. LITTLETON
Lt. Col., CE
SMGO

472

Serial No. of Report

APPLICATION FOR CONVERSION OR

REPORT OF INDUSTRIAL FACILITIES

TO : 107th MILITARY GOV. HQ

THRU: GIFU PREF. GOV.

FROM: The Nippon Gosei Kagaku Kogyo Kabushiki Kaisha
Ogaki Factory.
No. 23, 2-Chome, Kandamachi, Ogaki City, Gifu Pref.

4th Sept. 1946.

1. Name of Factory The Nippon Gosei Kagaku Kogyo Kabushiki Kaisha, Ogaki Factory.
2. Location No. 23, 2-Chome Kandamachi, Ogaki City, Gifu Pref.
3. Name of president or Manager Hiroshi, Noguchi. Manager.
4. History
   a. Date of construction Jan. 1927
   b. Date of first operation 10th Feb. 1928
   c. 1935-1941 Production (Annual value in Yen, quantities of principal products by units or weights)
      As listed in appendix No. 1.
   d. Present capitalization in Yen ¥35,000,000
   e. Changes made in capital structure since 1935
      The capital increased from ¥1,500,000- to ¥2,250,000- in Aug. 1938, to ¥10,000,000- in July 1939 and to ¥35,000,000- in Mar. 1943.
   f. Name and Address of parent company Nothing to fall under.

g. Number of shares outstanding 700,000. shares

h. Number of stockholders (Give name of those owing 10% or more of total)

Total number of Stockholders 1393

Kanegafuchi Kogyo Co.,Ltd. (47.5%)
Kanegafuchi Soda Co., Ltd. (11.2%)

i. Funds received from Goverment (Bounties,subsidies, etc.)

¥9,000.- in 1936
¥30,000.- in 1939

j. On reverse side give outline sketch of plant with approximate dimensions

in appendix No.2

5. Description

a. Principal Products

1. War-time Acetic Acid, Acetic Acid Anhydride, Aceto Acetic-Ester, Acetyl Cellulose, Aceto-Phenone, Acetone, Sodium Acetate, Aldol Alpha-Naphtylamine, Monochlor Acetic Acid, Penta Erithrite, Oxygen Gas, Acetylene Gas, Nitrogen Gas, Vinyl Acetate Resine,

2. At Present Acetic Acid, Oxygen Gas, Nitrogen Gas, Aceto Anilide, Manganese Acetate, Para Aldehyde, Aldol Alpha-Naphtylamine,

3. Planned for 1946-1947 Acetic Acid, Oxygen Gas, Nitrogen Gas, Vinyl Acetate Resine, Acetylene Gas, Aceto Anilide, Ethyl Acetate, Aceto Acetic Ester, Sodium Acetate, Manganese Acetate, Aldol Alpha-Naphtylamine, Para Aldehyde, Acetic Acid Anhydride, Monochlor - Acetic Acid, Vinegar, Essence of Vinegar, Ice, Sulfon Amide, Pine-Root-Oil, Weighing Machine, Chemical Machine.

b. Capacity

1. Martine	Acetic Acid	7800.$	(Yearlong)
	Acetic Acid Anhydride	360.$	"
	Aceto Acetic Ester	180.$	"
	Acetyl Cellulose	180.$	"
	Aceto-Phenone	180.$	"
	Acetone	360.$	"
	Sodium Acetate	300.$	"
	Aldol Alpha-Naphtylamine	96.$	"
	Monochlor Acetic Acid	180.$	"
	Penta Erithrite	60.$	"
	Vinyl Acetate Resine	240.$	"
	Oxygen Gas	360.cu.m.	(Per hour)
	Acetylene Gas	45.cu.m.	"
	Nitrogen Gas	250.cu.m.	"
2. At Present	Acetic Acid	2400.$	(Yearlong)
	Aceto Anilide	180.$	"
	Manganese Acetate	36.$	"
	Para Aldehyde	60.$	"
	Oxygen Gas	150.cu.m.	(Per hour)
	Nitrogen Gas	250.cu.m.	"
	Aldol Alpha-Naphtylamine	96.$	(Yearlong)

3. 1946-1947(With unrestricted access to materials)

Acetic Acid	4200.$	(Yearlong)
Para Aldehyde	60.$	"
Aceto Anilide	180.$	"
Acetic Acid Anhydride	360.$	"
Manganese Acetate	36.$	"
Aceto Acetic Ester	240.$	"
Essence of Vinegar	396.$	"
Aldol Alpha-Naphtylamine	96.$	"
Monochlor Acetic Acid	120.$	"
Sodium Acetate	300.$	"
Vinyl Acetate Resine	36.$	"
Ethyl Acetate	360.$	"
Vinegar	2700.$	"
Acetylene Gas	40.cu.m.	(Per hour)

Sulfon Amide	12.$(Yearlong)
Pine-Root-Oil	240.$ "
Ice	3600.$ "
Oxygen Gas	150.cu.m.(Per hour)
Nitrogen Gas	250.cu.m. "
Weighing Machine	Various type
Chemical Machine	Various type

c. Number of Employees

1. Wartime 813. July, 1944

2. At Present 328. Aug. 1946

3. 1946-1947(At maximum capacity) 350 for 1946, 420 for 1947.

6. Machinery & Equipment in Plant (Give type, size, use, and maker's name)

Description	(Maker's name, Capacity, Use)	Quantity	Condition
Acetylene Gas Generator	(self-made,700$/carbide digest per mon. for prodaction of Acetic Acid)	1 set	Can be used
Acetaldehyde producing plant	(Self-made,300$/mon. for production of Acetic Acid)	1 set	"
Acetic Acid producing plant	(Self-made,350$/mon. for production of Acetic Acid)	1 set	"
Acetic Acid Rectifier plant	(Self-made,200$/mon. for production of Acetic Acid)	1 set	Demand repair
Ethyl Acetate producing plant	(Self-made, 30$/mon. for production of Ethyl Acetate)	1 set	"
Aceto Acetic Ethyl Ester producing plant	(Self-made, 20$/mon. for production of Aceto Acetic Ester)	1 set	"
Aldol Alpha-Naphthylamine producing plant	(Self-made,85$/mon. for production of Aldol Alpha-Naphthylamine)	1 set	Can be used
Oxygone and Nitrogene producing plants	(Messer-made,150cu.m./0.5/hr. for production of Oxygone & Nitregene)	3 sets	2 sets can be used, another demand repair
Para-Aldehyde producing plant	(Self-made, 5$/mon. for production of Para-Aldehyde)	1 set	Can be used
Acetanilide producing plant	(Self-made, 15$/mon. for production of Acetanilide)	1 set	"

Sodium Acetate producing plant	(Self-made, 25tons/mon. for production of Sodium Acetate)	1 set.	Demand re-construction
Manganese Acetate producing plant	(Self-made, 3tons/mon.for productionof Manganese Acetate)	1 set.	Can be used
Note: Formerly used for Penta-Erythrite, converted to this production after recieving the permission for converting from the 25th Military Government 10 Dec. 1945.			
Steam Boilers	(Lancashire Type, 7'x 30' for distillation)	4 sets	Now 1 set can be used and 3 sets demand repair
	" " 8'x 35'	2 sets	1 set can be used & 1 set demand repair
	(Takuma Type, Area of heat transmission 103 sq. m.)	2 sets	demand repair
Equipment of Electricity	(1,800 KW. Power and illumination)	1 set	Can be used
Plan of converting to civilian.	As listed in appendix No. 3.		

7. Present stocks of raw materials, Supplies and Unfinished Goods.

Raw Material

Description	Quantity	Condition
Carbide	24,800. kg.	Can be used
Iron Trash	2,530. "	"
Diamaceous earth	14,400. "	"
Soda Ash	10,035. "	"
Nitric Acid	4,474. "	"
Manganese Acetate	1,800. "	"
Sulphric Acid	8,099. "	"
Lime	267. "	"
Mercury	15,905. "	"
Waste of Copper	1,000. "	"
Hydrochloric Acid	2,228. "	"
Metallic Sodium	6,014. "	"
Caustic Soda	7,550. "	"
Ferrous Sulphate	6,500. "	"

Description	Quantity	Condition
Active Carbon	1,250. kg.	Can be used
Calcium Chloride	2,367. "	"
Red Phosphor	1,157. "	"
Zinc White	1,875. "	"
Alpha-Naphtylamine	9,150. "	"
Potassium Permanganate	420. "	"
Aluminium Chloride	975. "	"
Metallic Aluminium	2,500. "	"
Oxalic Acid	380. "	"
Alcohol	1,924. l	"

Unfinished Goods

Description	Quantity	Condition
Acetaldehyde	23,094. kg.	Good
Acetic Acid	23,955. "	"
Para Aldehyde	273. "	"
Acetanilide	28. "	"
Oxygene	2,409. cu.m.	"

8. Present stocks of Finished Goods

Description	Quantity	Condition
Acetic Acid Anhydride(99%)	1,485. kg.	Good
Acetic Acid	16,295. "	"
Para Aldehyde	1,240. "	"
Acetanilide	8,850. "	"

9. Present stocks of Fuel

Description	Quantity	Condition
Coal	194,000. kg.	Good

10. Additional machinery and Equipment needed for maximum production 1946-47

Description	Quantity	
Sodium Acetate producing plant	1 set	Expected to be established newly with leisure equipments
Monochlor Acetic Acid "	1 "	" "

Description	Quantity	
Vinegar producing plant	1 set	Expected to be established newly with leisure equipments
Essence of Vinegar	1 "	" "
Sulfonamide	1 "	" "
Refind Fine-Root Oil	1 "	" "
Ice	1 "	" "
Vinyl Acetate	1 "	" "

11. Raw materials and Supplies Required (Monthly)

a. For present capacity (5 b 2 above)

Description	Quantity
Calcium Carbide	720.0 $
Mercury	0.4 "
Sulphric Acid	8.5 "
Niyric Acid	8.0 "
Iron Sulphate	0.8 "
Diatomaceous earth	3.2 "
Caustic Soda	3.0 "
Waste of Copper	0.2 "
Hydrochloric Acid	2.4 "

Description	Quantity
Iron Trash	0.6 $
Alpha-Naphtylamine	7.2 "
Oxalic Acid	0.2 "
Alcohol	2.4 "
Soda Ash	2.1 "
Aniline Oil	12.0 "
Active Carbon	0.2 "
Manganese Carbonate	3.0 "
Lime	0.3 "

b. For Maximum (5 b 3 above)

Description	Quantity
Calcium Carbide	1,260.0 $
Mercury	0.7 "
Sulphric Acid	19.0 "
Nitric Acid	14.0 "
Iron Sulphate	1.4 "
Diatomaceous earth	5.6 "
Iron Trash	1.1 "
Hydrochloric Acid	4.2 "
Waste of Copper	0.4 "
Caustic Soda	¥.0 "
Active Carbon	0.3 "
Alpha-Naphtylamine	7.2 "

Description	Quantity
Oxalic Acid	0.2 $
Alcohol	25.0 "
Soda Ash	20.0 "
Metallic Sodium	8.0 "
Metallic Aluminum	0.3 "
Chlorine	15.0 "
Aniline Oil	12.0 "
Manganese Carbonate	3.0 "
Lime	0.3 "
Sulphur	0.2 "
Calcium Chloride	1.5 "

12. Fuel Required (Monthly) (Do not include present stocks)

Description	Quantity
Coal	600 tons
Cokes	5 tons
Coal Gas	300 cu. m.

13. Additional Personnel required (Not locally available)

Special Skills	Number
No desire	

14. Prices (Current selling prices in Yen of Principal products)

Description	Unit	Price
Acetic Acid	1 ton	¥12,200.
Para Aldehyde	"	¥15,020.
Acetanilide	"	¥58,840.
Oxygene	1,000 cu. m.	¥ 430.
Nitrogene	"	¥ 37.5

15. Remarks

a. Having received the permissions of conversion from AFO 25 on 10th Dec.1945 and from 107th M.G. on 16th May.1946 we are endevouring to manufacture the important civilian commodities and to repair the plants from the War damages.

b. We have received the order of productions of organic chemicals from Industry Bureau of Commerce and Industry Department of Japan on 19th Oct.1945 as our production is considered to give much contribution for the stabilisation of the civilian life.

c. The stoppage of the operation of our factory will cause many troubles among the people according to the great deficiencies of some chemicals, solvents, vinegar and important medicine such as aspirin, antipirin, acetanilide, vitamine B-1 etc., as our factory is the only one manufacturer of the raw materials of such substances in the west part of Hondo.

d. We are the main supplier of Oxgene gas for welding and medical purposes in the central part of Hondo, and also the supplier of Nitrogene gas for the production of fertilizer.

e. All the equipments of our factory now working and also their products have no relation to and can not be used for munitions, excepting the small scale plant for Penta Erythrite which was the raw material of explosives in War time.

16. Certification by applicant

I certify that the information contained herein true to the best of my knowledge and belief.

Signed Hiromu Nagaoka

Title Manager

17. Action by Occupation Forces
The Factory described in this application has be inspected and the following action taken:

a. Ordered to remain closed Yes_____ No_____

b. Ordered to cease operations immediately Yes_____ No_____

c. Authorized to produce at the following rate:

Item to be manufactured	Monthly Quantity

Signature of Authorizing Officer.

Designation of authorizing Unit

(Appendix No.1)

4. c. 1935-1941 Production(Annual value in Yen, quantities of principal products by units or weights)

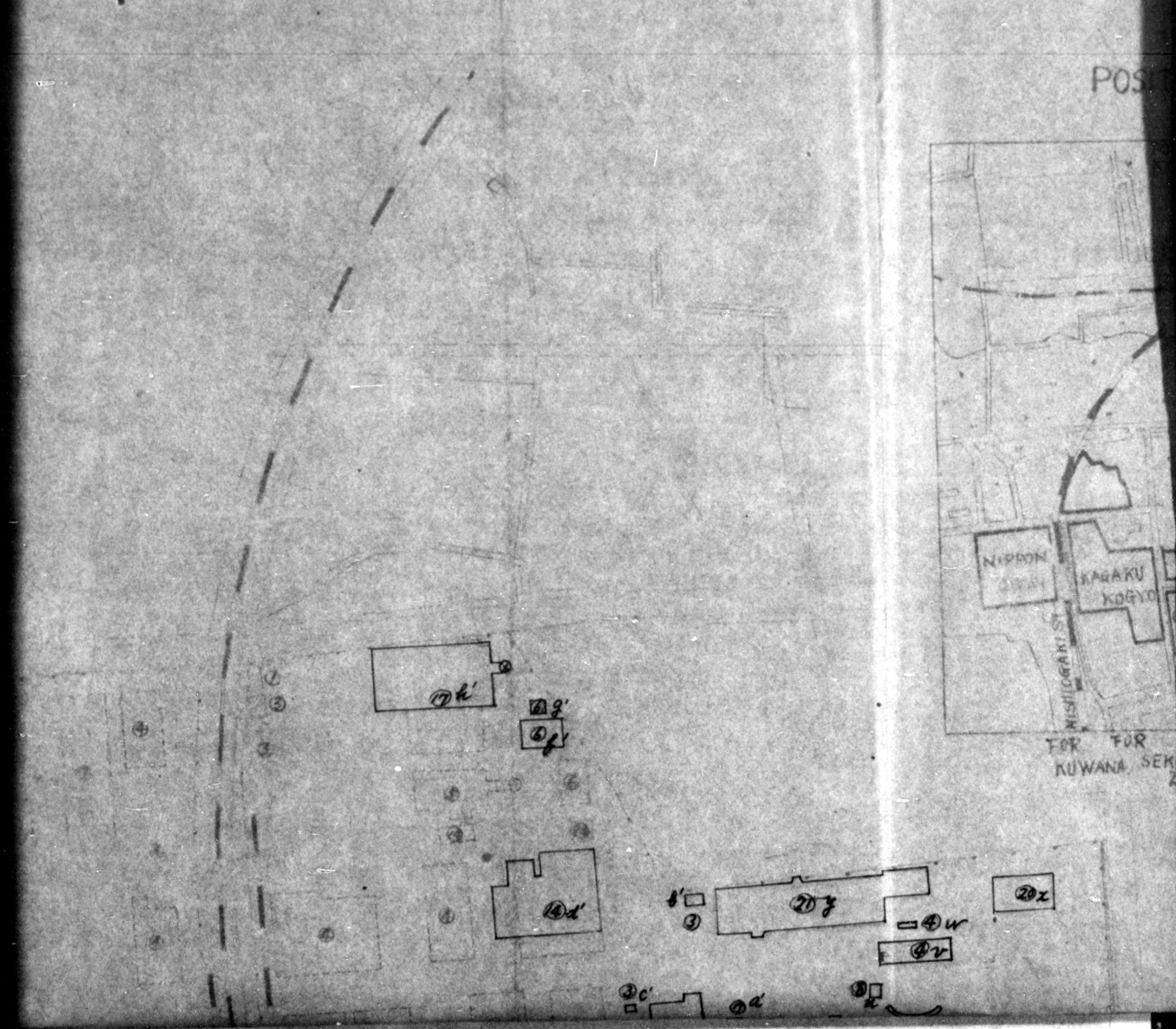
An age	1935	1936	1937	1938	1939	1940	1941
Annual value in Yen	5,177,541	5,713,194	6,043,442	7,590,084	6,873,632	6,142,823	7,364,529
	Amount	Amount	Amount	Amount	Amount	Amount	Amount
Acetic Acid	5679	5836	6814	6640	5090	4344	5966
Vinyl Acetate	-	2	8	21	38	31	28
Acetylene Gas (compressed)	25	30	81	104	230	142	144
Aldol Alpha-Naphtylamine	-	-	-	59	80	90	42
Penta Erithrite	-	-	-	2	9	9	10
Aceto-Phenone	-	-	-	10	5	4	37
Sodium Acetate	862	1020	885	775	675	413	620
Acetic Ethyl Ester	13	59	66	141	160	156	174
Cellulose Acetate	6	17	15	42	43	29	53
Mono-Chlor Acetic Acid	10	15	34	32	42	55	61
Acetone	-	-	-	60	97	104	198
Acetic Acid Anhydride	279	326	231	267	206	180	267
Tri-Acetin	-	-		5	11	16	18
Oxygen Gas	cu.m. 1796000	cu.m. 1815000	cu.m. 2024000	cu.m. 1960000	cu.m. 1680000	cu.m. 1540300	cu.m. 1528000

Appendix No. 3.

Plan of converting to civilian.

For the purpose of the civilian production above descrived in 5b3 we wish to use the plants and leisure equipments after conversion.

Description	Quantity	Plan
Former Penta Erythrite producing plant	1 set	Converted to Manganese Acetate producing plant by permission of AOP 25.



POSITION OF THE WORKS.

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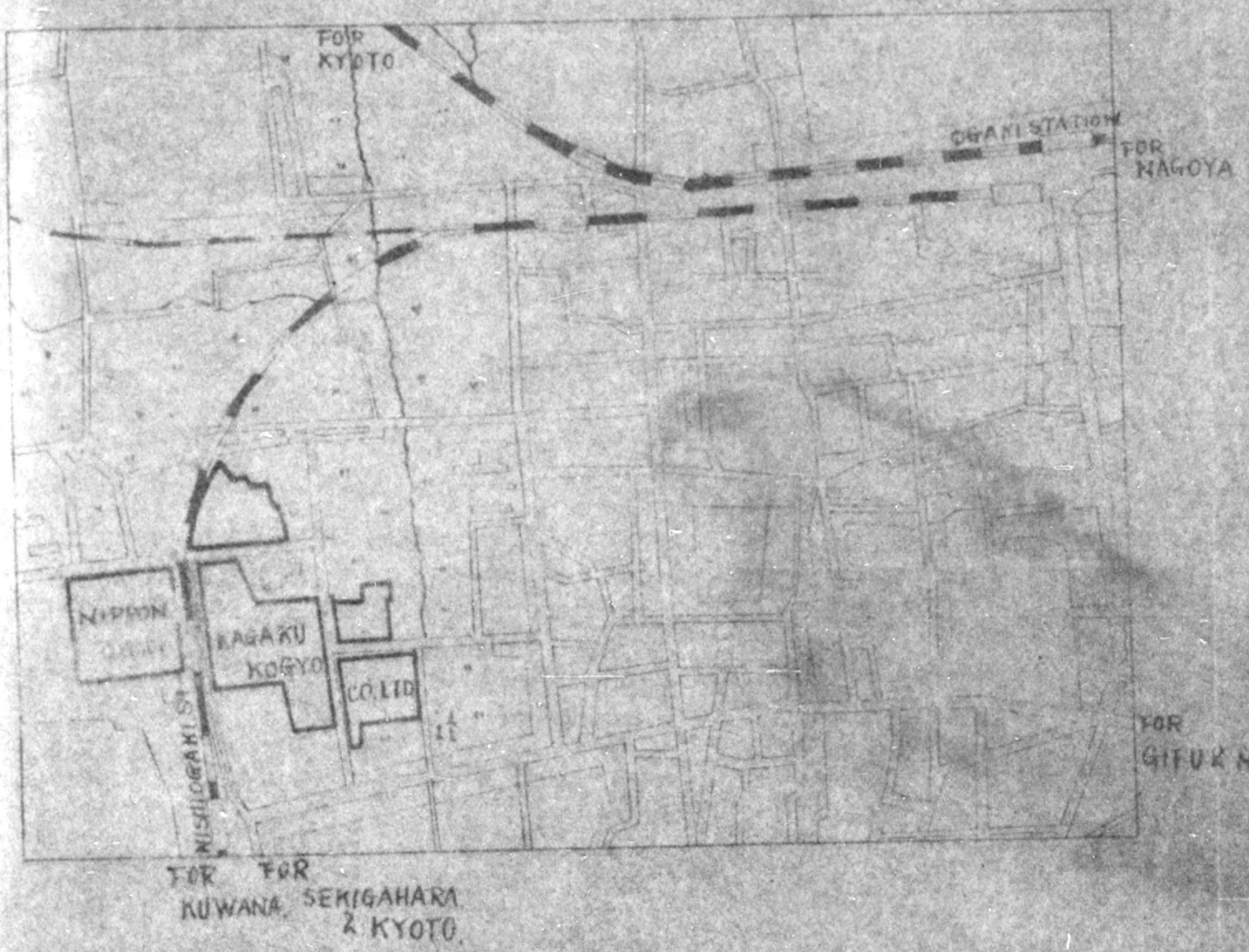
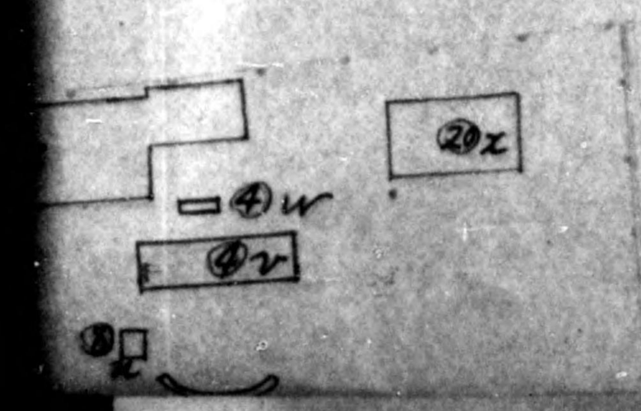




NO	NAME
1	OFFICE
2	DRYING HOUSE
3	BATHROOM DRESSING ROOM & CANTEEN
4	WARE HOUSE
5	BOILER
6	ELECTRIC SUB STATION
7	ACETO ALDEHYDE
8	ACETIC ACID
9	OXYGENE
10	ACETIC ACID ANHYDRIDE
11	MANGANESE ACETATE

NO	NAME	NO
12	ACETO PHENONE	
13	CHLOR ACETIC ACID	
14	ACETO ACETIC ETHYL ESTER	
15	SODIUM ACETATE	
16	VINYL ACETATE	
17	ACETONE	
18	ACETHYL CELLULOSE	
19	ACETYLENE GAS COMP'D	
20	LABORATORY	
21	IRON FOUNDRY	
22	ALDOL α NAPHTYLAMINE	

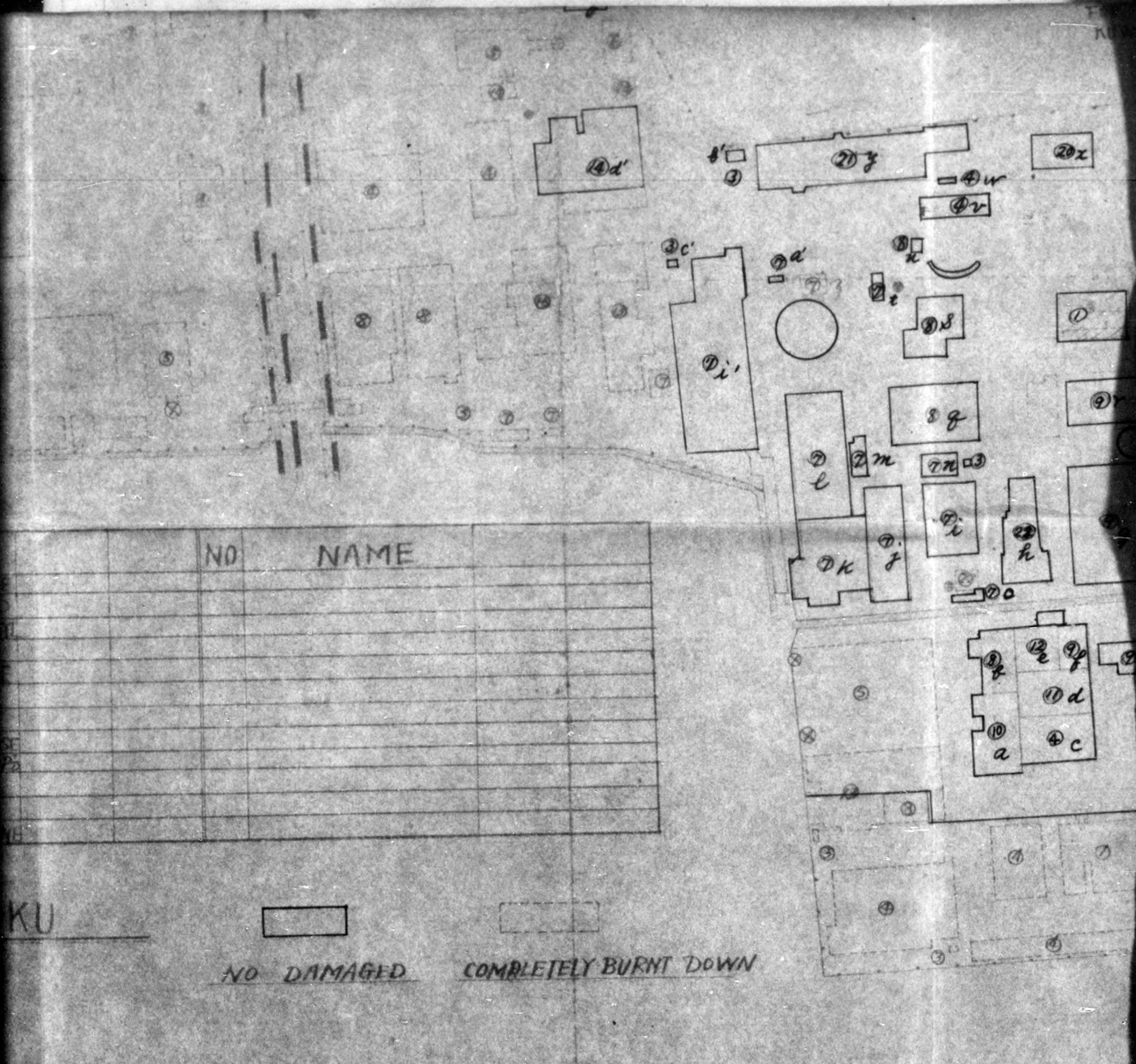
NIPPON GOSEI KAGAKU

KOGYO CO. LTD.

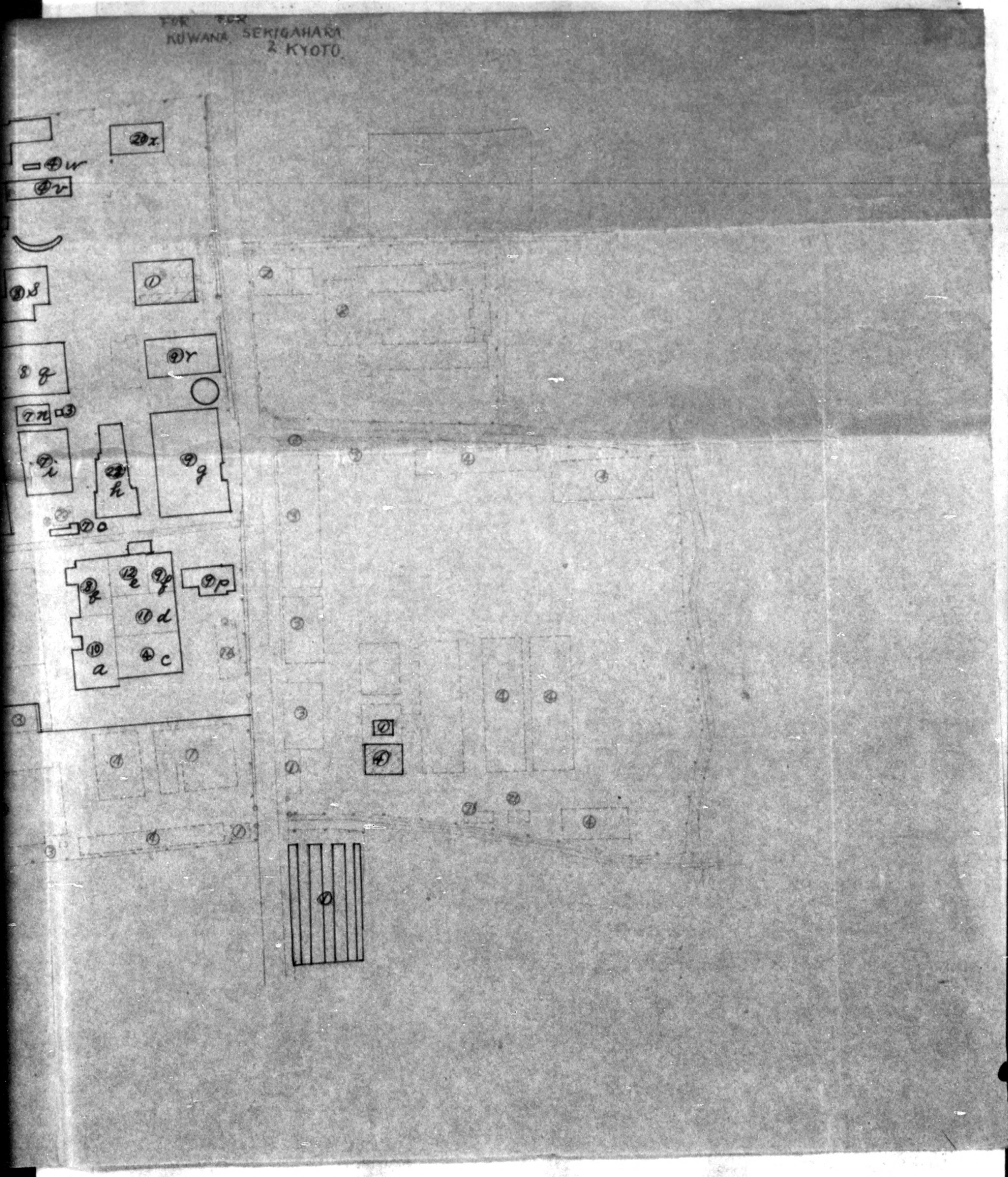
NO D

	MAIN AREA WORKS	EAST AREA WORKS	WEST AREA WORKS	NO
AREA Sq. ft.	340349.56	169825.18	32215.44	986

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



~~WORKS~~ …AST AREA	~~WORKS~~ WEST AREA	~~WORKS~~ NORTH AREA	~~WORKS~~ WHOLE AREA
…825.08	32215.44	98604.64	834728.52



REPORT OF THE MONTHLY QUANTITY OF MANUFACTURES

Oct. 10, 1946

Name of Factory:
Ogaki Factory of The Nippon Gosei Kagaku Kogyo Co.,Ltd.
(The Nippon Sythetic Chemical Works)
Location:
No.23, Kandamachi 2-chome,
Ogaki-City, Gifu Honshu.

To; Major, Finis B. Jeffery
Gifu Military Government HQ.

In accordance with the order described in paragraph 2 of your permission dated on May 16, 1946, we hereby wish to report the quantity of manufactures during September as follows:

Note

Name of manufactures	Quantity
Acetic Acid	127,515. kg.
Para-Aldehyde	3,200. "
Acetanilide	12,355. "
Manganese Acetate	362. "
Oxygen Gas	20,690. cub.M.

E. & O. E.

OGAKI FACTORY OF THE NIPPON GOSEI KAGAKU KOGYO CO.,LTD.

H. Noguchi

H. Noguchi
Factory Maneger.

12.

File

INVENTORY

of

Nippon Gosei Kagaku Kogyo Co., Ltd. Ogaki Factory.

(Japan Synthetic Chemical Industrial Co., Ltd. Ogaki Factory).

Location: No. 23,2-chome,Kanda-Cho,Ogaki City, Gifu-Pref.

Name of Representative: Hiromu, Noguchi
Factory Manager

Name of Products:

1. Wartime: Acetic Acid, Acetic Acid Anhydride, Aceto-Acetic Ester, Acetyl Cellulose, Aceto-Phenone, Acetone, Sodium Acetate, Aldol-α-Naphtylamine, Monochlor Acetic Acid, Penta-Erythrite, Oxygen Gas, Nitrogen Gas, Acetylene Gas, Vinyl-Acetate Resine,

2. At Present: Acetic Acid, Oxygen Gas, Nitrogen Gas, Para-Aldehyde, Acetanilide, Aldol-α-Naphtylamine,

Machinery and Equipment.

Name	Unit	Amount	Place of installation	Remarks
Acetaldehyde producing plant	Capacity 300tons/mon.	1		
-Items as follows				
Acetylene gas Generator		1	Building No.45	
Calcium carbide Storage tank		8	"	
Bucket conveyer		1	"	
Centrifugal pump		1	"	
Blower		1	"	
Wintch		1	"	
Acetylene gas holder		1	out door	
Acetylene gas purifying apparatus		6	Building No.43	
Gas cooler		1	"	
Blower		2	"	
Mixer		1	"	
Centrifugal pump		4	Building No.83	
Sand pump		2	Building No.47	
Hydration kettle		1	Building No.41	
Heat exchenger		1	"	
Evaporator		1	"	
Separator		2	"	

Name	Unit	Amount	Place of installation	Remarks
Jet condenser		3	Building No.41	
Spiral condenser		1	"	
Jet reciever		3	"	
Scrubber		3	"	
Circulating pump		1	"	
Oxydation tower of catalyser liquor		1	"	
Evaporator		1	"	
Separator		1	"	
Circulating pump		1	"	
Catalyser preparating apparatus		1	"	
Catalyser tank		3	"	
Motor hoist		3	"	
Absorbing tower		2	out door of building No. 41	
Vacuum pump		2	building No.41	
Controlling equipment of hydration		1	"	
Refrigerator	Capacity 15tons/day	1	"	
Refrigerator	Capacity 5tons/day	1	"	
Storage tank		11	"	
Hydraurio pump		18	"	

Name	Unit	Amount	Place of installation	Remarks
Crude acetaldehyde Storage tank		3	building No.52	
Heat exchanger		1	building No.41	
Acetaldehyde distillation Set		1	"	
Pure Acetaldehyde Storage tank		1	building No.52	

Name	Unit	Amount	Place of installation	Remarks
Acetic Acid producing plant	Capacity 350tons/mon.	1	Building No.49	
Items as follows				
Acetaldehyde tank		1	Building No.49	
Separator		2	"	
Condenser		1	"	
Catalyser tank		1	"	
Steam engine		1	"	
Circulating pump		2	"	
Cooling set		1	"	
Hydraulic pump		3	"	
Acetic Acid distillation plant	Capacity 200tons/mon.	2	Building No.58	
Items as follows				
Reservoir		5	Building No.58	
Distillation apparatus		2	"	
Centrifugal pump		2	"	
Wintch		1	"	

Name	Unit	Amount	Place of installation	Remarks
Para-Aldehyde producing plant	Capacity 5tons/mon.	1	Building No.64	
Items as follows				
Distillation apparatus		1	Building No.64	
Storage tank		5	"	
Pump		3	"	
Reaction kettle		2	"	
Filter		1	"	
Deposition tank		1	"	
Aceto Acetic Ester producing plant	Capacity 20tons/mon.	1	Building No.69	
Items as follows				
Reaction kettle		1	Building No.69	
Distillation apparatus		4	"	
Reservoir		11	"	
Pump		2	"	
Blower		1	"	

Name	Unit	Amount	Place of installation	Remarks
Acetic Acid Anhydride producing plant	Capacity 30tons/mon.	1	Building No.53	partly damaged in air raid.
Items as follows				
Reaction kettle		1	Building No.53	
Cooling set		1	"	
Distillation apparatus		4	"	
Reservoir		10	"	
Refrigerator	Capacity 20tons/day	1	Building No.63	
Air compresser		1	Building No.66	
Vacuum pump		2	"	
Aceto-Phenone producing plant	Capacity 15tons/mon.	1	Building No.65	
Items as follows				
Reaction kettle		1	Building No.65	
Washer		1	"	
Distillation apparatus		1	"	
Strage tank		8	"	
Pump		4	"	
Blower		2	"	
Hoist		1	"	

Name	Unit	Amount	Place of installation	Remarks
Manganese Acetate producing plant	Capacity 3tons/mon.	1	Building No.66	
Items as follows				
Reaction kettle		2	Building No.66	
Stirrer		3	"	
Vacuum evaporator		3	"	
Crystalising tank		4	"	
Bath		3	"	
Filter press		2	"	
Vacuum filter		5	"	
Centrifuge		2	"	
Grinder		2	"	
Dryer		4	Building No.64	
Vacuum pump		2	Building No.66	
Centrifugal pump		5	"	
Reservoir		25	"	
Wintch		1	"	

Name	Unit	Amount	Place of installation	Remarks
Aldol-α-Naphthylamine producing plant	Capacity 8tons/mon.	1	Building No.64	
Items as follows				
Distillation apparatus		2	Building No.64	
Storage tank		15	"	
Polymerisation kettle		6	"	
Mixer		1	"	
Dissolving tank		2	"	
Aldol purifier		1	"	
Vacuum filter		1	"	
Filter		1	"	
Vacuum separator		1	"	
Washer		1	"	
Recovering washer		1	"	
Dryer		3	"	
Grinder		4	"	
Wintch		2	"	
Vacuum pump		2	"	

Name	Unit	Amount	Place of installation	Remarks
Oxygen & Nitrogen Gas producing plant	Capacity 150cub.M./hour	3	Building NO.62	2 Sets can be used another need repair.
Items as follows				
Air filter		1	Building No.62	
Alkalline tower		3	"	
Air compressor		3	"	
Oil separater		3	"	
Dryer		3	"	
Heat exchenger		3	"	
Oxygen gas & Nitrogen gas separating tower		3	"	
Centrifugal oil separator		1	"	
Blower		3	"	
Oxygen gas compressor		3	"	
Oxygen gas holder		1	Out door	
Oxygen gas holder		12	Building No.61	
Oxygen gas copressor		2	Building No.63	
Oxygen gas filling apparatus		1	Building No.67	

Name	Unit	Amount	Place of installation	Remarks
Ethyl Acetate producing plant	Capacity 30tons/mon.	1	Building No.68	Partly damaged in air raid.
Items as follows				
Distillation apparatus		4	Building No.68	
Acetylation apparatus		2	"	
Reaction kettle of catalyser		1	"	
Vacuum distillation apparatus		1	"	
Dehydration kettle		1	"	
Drying tower		1	"	
Catalyser kettle		1	"	
Polimerisation apparatus		1	"	
Reservoir		31	"	
Vacuum pump		2	"	
Refrigerator	Capacity 20tons/mon.	1	"	
Air compressor		1	"	
Pump		7	"	

Name	Unit	Amount	Place of installation	Remarks
Lathe		6	Building No.77	
Boring machine		3	"	
Shaper		1	"	
Cutter		1	"	
Electric welding machine		3	"	
Blower		1	"	
Grinder		2	"	
Acetylene gas producer		1	Out door	
Transformer and these accessories	600KVA.	3	Building No.76	Equipment for prime mover.
Boiler		4	Building No.86	Lancashire type.
Boiler		2	Building No.87	Takuma type now under repairing
Chemical balance		3	Building No.78	Analyzing Equipment
Balance		1	"	
Electric furnace		5	"	
The other arrangement for analysis and chemicals				

List of Motors. (24th. Sept. 1946.)

H P	Damaged in Air Raid			Good Condition		
	Under Repair	Remained	Total	In Use	Spare	Total
200	1	1	2	4	2	6
100	0	4	4	2	1	3
80	0	0	0	3	0	3
75	0	1	1	0	0	0
60	0	1	1	1	2	3
50	0	3	3	0	3	3
40	0	3	3	0	0	0
35	0	0	0	1	0	1
30	1	1	2	3	2	5
25	0	1	1	1	0	1
20	0	9	9	6	3	9
17	1	0	1	0	0	0
15	5	8	13	4	3	7
10	9	5	14	10	5	15
7½	5	9	14	8	6	14
6	0	0	0	2	0	2
5	9	30	39	27	3	30
4½	0	1	1	0	2	2
3	22	29	51	15	9	24
2	13	12	25	13	5	18
1	19	6	25	7	5	12
½	6	0	6	2	0	2
¼	2	1	3	0	0	0
7½KW	6	0	6	0	0	0
1½KW	0	1	1	0	0	0
200W	0	0	0	1	0	1
Total	99	127	226	110	51	161

File

GIFU
MILITARY GOVERNMENT TEAM
APO 25 (Gifu, Honshu)

FXM/jso

2 October 1946

SUBJECT: Corrections to List of Reparations Selections

TO : Commanding General, I Corps, APO 301
(Attn: Military Government Section)

1. Reference:

a. Ltr, Hq I Corps, file AG 400.7-BA, dated 13 September 1946.

b. SCAPIN 1134 dated 13 August 1946.

2. Reference to above, the listing of the Nippon Gosei Kagaku Kogyo Co. Ltd., No. 23, 2-chome, Kanda-cho, Ogaki City Gifu Ken, in the Reparations Selections Privately Owned Munitions Plants is in error. This Company is a privately owned Chemical Plant.

EDWARD L. LITTLETON
Lt. Col., CE
SMGO

Copy to Tokai-Hokuriku Mil Govt Region

7

11.

GIFU
MILITARY GOVERNMENT TEAM
APO 25 (Gifu, Honshu)

FXM/jso

23 September 1946

SUBJECT: OI 1/2 Report Nippon Gosei Kagaku Kogyo Company Ltd. No. 25, 2-chome, Kanda-cho, Ogaki City, Gifu Ken

TO : Commanding Officer, Tokai-Hokuriku Mil Govt Region, APO 710 (Nagoya, Honshu)
Attn: Rec, Cons and Ind Officer

1. The following application, Removal from Reparations of OI 1/2 report, dated 20 September 1946, are to be attached with original in compliance with paragraph 2 of same report.

FRANCIS X. MASCOLA
Industry Officer

Incl:
4 Copies of Application

9

GIFU
MILITARY GOVERNMENT TEAM
APO 25 (Gifu, Honshu)

20 September 1946

SUBJECT: OI 1/2 Report Nippon Gosei Kagaku Kogyo Co. Ltd.,
No. 23, 2-chome, Kanda-cho, Ogaki City, Gifu Ken

TO : Commanding Officer, Tokai-Hokuriku Mil Govt Region,
APO 710 (Nagoya, Honshu)
Attn: Res, Comm and Ind Officer

1. The following report is submitted in compliance with paragraph "3c" of OI 1/2, HQ I Corps, dated 20 July 1946:

a. The machinery in the plant is generally in fair condition. 70% of plant was exposed to bombing.

b. Proper protective measures to preserve the equipment have been taken.

c. The management has complied with the provisions of OI 1/2.

2. In view of the facts contained in the attached check sheet, it is recommended that this plant be permitted to operate. Application for reconversion is being forwarded. It is further recommanded that this plant be removed from the reparations list. The chemical solvents, vinegar and important medicines (aspirin, antipirin, acetanilide, vitamin B-1), oxygen gas for welding and medical purposes, nitrogen gas for the production of fertilizer are all extremely essential to Japanese civilian economy. Also such equipment and mach nery is of a second grade, obsolete and improvised in most cases, not suitable for reparation. It is also to be noted that this factory contains no machine tools.

EDWARD L. LITTLETON
Lt. Col., CE
SMGO

Incl: 1.
Check Sheet (5 copies)

#8

COPY

nippon file

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

FORMI 1 - 2
(200)

Date: 20 September 1946

REPARATIONS CHECK SHEET

1. Company: Nippon Gosei Kagaku Kogyo K. K.
2. Plant: Ogaki Plant 3. Code Number:
4. Address: 23 2-chome, Kanda-machi, Ogaki City, Gifu Ken
5. Year Construction Completed: 1927
6. Number of Machines Suitable for Reparations: 23 Sets *
7. Principal Pre-1941 Products:

Product	Approximate % of Production
Nitrogen Gas	40.0
Acetic Acid	34.0
Oxygen Gas	11.0
Sodium Acetate	4.0
Acetic Acid Anhydride	1.5
Acetone	1.1
Penta Erythrite	0.6
Other Chemical	7.8
	100%

8. Principal 1941-1945 Products:

Product	Approximate % of Production
Nitrogen Gas	41.0
Acetic Acid	32.0
Oxygen Gas	10.0
Sodium Acetate	4.0
Acetic Acid Anhydride	1.8
Acetone	1.9
Penta Erythrite	1.4
Other Chemical	7.9
	100%

9. Originally organized for Munitions or Aircraft Production?
_____Yes __X____No
10. Converted for Munitions or Aircraft Production through Major change in Volume or Character of Equipment?
_____Yes __X____No

Signed_____
FRANCIS X. MASCOLA
Industry Officer

(3) * This being a chemical manufacturing plant the machines are of a specialized nature. Apparatus and equipment must be of a combination for overall production of chemicals, hence, they are listed as sets.

1

Basic: Ltr, Hq Gifu Mil Govt Team, APO 25, dtd 20 Sept 46, Subj: "OI 1/2 Report Nippon Gosei Kagaku Kogyo Co., Ltd., No 23 2 - chome, Kanda-cho, Ogaki City, Gifu Ken"

1st Ind CMS/af

Hq Tokai-Hokuriku Mil Govt Region, APO 710, 2 Oct 46.

TO: CG, I Corps, APO 301

Recommen removal because of improper lising.

FOR THE COMMANDING OFFICER:

LEE A. McDONALD
Capt, AUS
Adjutant

Incl: 2

Check Sheet (4 copies)
Application (4 copies)

BASIC: Ltr, Hq Gifu Mil Govt Team, subj: "OI 1/2 Report Nippon Gosei Kagaku Kogyo Co., Ltd.m No. 23 2-chome, Kanda-cho, Ogaki City, Gifu Ken", dtd 20 Sep 46.

AG 400.7 - BA 2nd Ind EHN/fsn

Hq I Corps, APO 301, 8 OCT 1946

TO: CG, Eighth Army, APO 343

1. Reference: letter, Gifu Military Government Team, subject: "Correction to List of Reparations Selections", dated 2 October 1946, and our 1st indorsement thereto, AG 400.7 - BA, dated 5 October 1946.

2. Supplementary information is forwarded in addition to above reference.

3. The Nippon Gosei Kagaku Kogyo Company (Nihon Yosei Kayaku Kogyo K.K.), Gifu Prefecture, is listed on SCAPIN 1134 as a privately owned munitions plant. The plant was recently assigned Code No. 19 by Headquarters Eighth Army for purpose of inventory.

4. A study of the application of this company, together with the information supplied in basic communication, indicates that the Nippon Gosei Kagaku Kogyo Company is improperly listed as a munition plant. The plant should be classified as a chemical plant.

5. It is the recommendation of this headquarters that the Nippon Gosei Kagaku Kogyo Company be removed from the list of plants intended for reparations.

FOR THE COMMANDING GENERAL:

2 Incls:
1. Check Sheet (trip)
2. Application (trip)

Copies

Ltr, Hq Gifu Mil Govt Team, subj: "OI 1/2 Report Nippon Gosei Kagaku Kogyo Co., Ltd., No. 23 2-chome, Kanda-cho, Ogaki City, Gifu Ken", dtd 20 Sept 46.

AG 004 (MG) 3rd Ind Em 12 Octo 1946

Headquarters Eighth Army, APO 343

TO: Supreme Commander for the Allied Powers, APO 500

1. It is recommended that the Nippon Gosei Kagaku Kogyo K.K. be removed from list of privately owned munition plants held for reparation.

2. This plant does not come within the criteria for privately owned munition plants.

FOR THE COMMANDING GENERAL:

/s/ R. Schafer
/t/ R. SCHAFER
Lt. Col. AGD
Asst. Adjutant General

2 Incls:
n/c

BASIC: Ltr, Hq Gifu Mil Govt Team, subj: "OI 1/2 Report Nippon Gosei Kagaku Kogyo Co., Ltd., No. 23 2-chome Kanda-cho, Ogaki City, Gifu Ken, dtd 20 Sept 46.

AG 387.6 (20 Sept 46)ESS/IN 4th Ind

GENERAL HEADQAURTERS, SUPREME COMMANDER FOR THE ALLIED POWERS, APO 500, 13 February 1947

TO: Commanding General, Eighth Army, APO 343

1. The recommendation to remove Nippon Gosei Kagaku Kogyo Co. Ogaki, Gifu Prefecture from listing as a privately-owned munitions plant in SCAPIN 1134 is not favorably considered.

2. Reference is made to letter from General Headquarters, Supreme Commander for the Allied Powers to Commanding General, Eighth Army, AG 387.6, subject: "Clarification of SCAPIN 1134, Subject: Reparations Selections Within Privately-Owned Munitions Plants, dated 11 January 1947 which explains that only certain units of chemical plants will be held in custody. The portion of the Nippon Gosei Kagaku Kogyo Co. to be held in custody under authority of SCAPIN 1134 is the unit for the production of pentaerythritol. All other portions of the plants will be released from custody.

BY COMMAND OF GENERAL MacARTHUR:

/s/ A. J. Rehe
/t/ A. J. REHE
Major, AGD
Asst Adj Gen

1 Incl.
Check Sheet (dup)
(Incl. 2 not received)

Ltr, Hq Gifu Mil Govt Team, OI 1/2 Report Nippon Gosei Kagaku Kogyo Co., No. 23 2-chome Kanda-cho, Ogaki City, Gifu Ken, dtd 20 Sept 46.

AG 004 (MG-Em) 5th Ind 19 Feb 1947

Headquarters Eighth Army, APO 343

TO: Commanding General, I Corps, APO 301

1. Attention is invited to the 4th indorsement.

2. The correspondence referred to in paragraph 2 of the 4th indorsement was furnished your headquarters, 23 January 1947, letter Headquarters Eighth Army, AG 386.3 (MG-Em), subject: "Clarification of SCAPIN 1134, Reparations Selection within Privately-Owned Munitions Plants."

BY COMMAND OF LIEUTENANT GENERAL EICHELBERGER:

/s/ R. Schafer
/t/ R. SCHAFER
Lt. Col. AGD
Asst. Adjutant General

1 Incl:
n/c

AG 004 - BA 6th Ind EHM/ks

Hq I Corps, APO 301, 21 FEB 1947

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

Your attention is directed to 4th indorsement.

BY COMMAND OF MAJOR GENERAL WOODRUFF:

1 Incl:
n/c

BA3T940

GIFU PREFECTURAL GOVERNMENT
(21 Sho NO.2065)

September 17 1946

TO : Commander,
Gifu Mil. Gov't. Team.

SUBJECT: Application for the exclusion from among the restricted concerns

The Ogaki Factory of Nippon Synthetic Industry Co., Ltd. designed as one of the restrict concerns in accordance with the order dated 16 August, has taken an important part in fertilizer manufacturing supplying Nitrogen 100% to the Ibi-gawa Electric Industry Co., Ltd. Manufacturing Lime Nitrogen.

In addition, it has produced Acetic Acid necessary for manufacturing medicines, chemicals and reasonings.

~~In~~ So being the situation, we eagerly desire that the above-said factory would be excluded from among the restricted concerns.

Herewith, I beg that you would show us your kindness to gratify our ardent ~~desire~~.

N. Momonoi

Naomi Momonoi,
Governor of Gifu Pref.

NK/MT

4 6

GIFU
MILITARY GOVERNMENT TEAM
APO 25 (Gifu, Honshu)

FBJ/pn

31 August 1946

SUBJECT: Inspection of Reparations Plant, Nihon Yosei Kayaku Kogyo K.K.

TO : Commanding Officer, Tokai-Hokuriku Mil Govt Region, Hq & Hq Detachment, APO 710

1. Reference is:

a. SCAPIN - 1134, dated 13 August 1946.

b. Operational Instructions 1/2, Hqs I Corps, dated 20 July 1946.

c. Operational Directive No. 5, Hqs Eighth Army, dated 18 January 1946.

2. The Nihon Yosei Kayaku Kogyo K.K., now called the Nippon Gosei Kagaku Kogyo Company, Ltd. was inspected on 30 August 1946. The Japanese Liaison office was instructed on 27 August 1946 to order this installation to comply with procedure as set forth in OD5 and OI-1.

3. The general condition of machinery located in this plant was good. The management is complying with requirements as set forth in OI-2.

4. This establishment is not operating under a reconversion permit. The management was instructed to submit an application for reconversion by 4 September 1946.

EDWARD L. LITTETON
Lt. Col., CE
SMGO

REPORT OF THE MONTHLY QUANTITY OF MANUFACTURES

8, August, 1946.

Name of Plant:
Ogaki Factory of The Nippon Gosei Kagaku Kogyo Co.,Ltd.
(The Nippon Sythetic Chemical Works).
Location:
No. 23, Kandamachi 2-chome, Ogaki-City, Gifu, Honshu.

To: Major, Finis B. Jeffery
107th Military Government HQ.

In accordance with the order described in paragraph 2 of your permission dated on May 16, 1946, we hereby wish to report the quantity of manufactures during July as follows:

Note

Name of manufactures	Quantity	
Acetic Acid	56,363.	kg.
Para-Aldehyde	6,368.	"
Acetanilide	11,580.	"
Distilled Water	400.	"
Manganese Acetate	480.	"
Oxygen Gas	25,387.	cu.meter.
Acetic Acid Anhydride	0.	No production, becouse in course of preparation for production.
Acetc-Acetic Ester	0.	"
Cellulose Acetate	0.	"
Aceto-Phenone	0.	"
Aldol Alpha-Naphtylamine	0.	"
Mono Chlor Acetic Acid	0.	"
Sodium Acetate	0.	"

4

Name of manufactuers	Quantity	
Vinyl Acetate	0.	No production, becouse in course of preparation for production.
Acetylene Gas	0.	"
Ethyl Acetate	0.	"
Vinegar	0.	"
Essence of Vinegar	0.	"
Sulfonamide	0.	"
Purification of Pine Root-Oil	0.	"
Weighing Machine	0.	"
Chemical Machine	0.	"
Ice	0.	"

E. & O. E.

OGAKI FACTORY OF THE NIPPON GOSEI KAGAKU KOGYO CO.,LTD.

H. Nagaoka

Factory Manager.

REPORT OF THE MONTHLY QUANTITY OF MANUFACTURES

10 July 1946

Name of Plant:
Ogaki Factory of The Nippon Gosei Kagaku Kogyo Co., Ltd. (The Nippon Synthetic Chemical Works).
Location:
No. 23, Kandamachi 2-chome Ogaki-city, Gifu, Honshu.

To: Major, Finis B. Jeffery
107th Military Government HQ.

In accordance with the order described in paragraph 2 of your permission dated on May 16, 1946, we hereby wish to report the quantity of manufactures during June as follows:

Note

Name of manufactures	Quantity	
Acetic Acid	188,020.	kg.
Para-Aldehyde	16,680.	"
Acetanilide	3,287.	"
Distiled Water	20.	"
Manganese Acetate	311.	"
Oxygen Gas	26,836.	cu.meter.
Acetic Acid Anhydride	0.	No production, becouse in course of preparation for production.
Aceto-Acetic Ester	0.	"
Acetate Cellulose	0.	"
Aceto-Phenone	0.	"
Aldol Alpha-Naphtylamine	0.	"
Mono Chlor Acetic Acid	0.	"
Sodium Acetate	0.	"

#39

Name of manufactures	Quantity
Vinyl Acetate	O. No production, becouse in course of preparation for production.
Acetylene Gas	O. "
Acetic Ethyl Ester	O. "
Vinegar	O. "
Essence of Vinegar	O. "
Sause	O. "
Sulfonamide	O. "
Purification of Pine Root-Oil	O. "
Weighing Machine	O. "
Chemical Machine	O. "
Ice	O. "

E. & O. E.

OGAKI FACTORY OF THE NIPPON GOSEI KAGAKU KOGYO CO., LTD.

H. Noguchi
Factory Manager.

#18

REPORT OF THE MONTHLY QUANTITY OF MANUFACTURES

June 8, 1946.

Name of Plant:
Ogaki Factory of The Nippon Gosei Kagaku Kogyo Co., Ltd.
(The Nippon Synthetic Chemical Works).

Location:
No. 23, Kandamachi 2-chome
Ogaki-city, Gifu-prefecture.

To: Major, Finis B Jeffery,
107th Military Government HQ.

In accordance with the order described in paragraph 2 of your permission dated on May 16, 1946, we hereby wish to report the quantity of manufactures during May as follows:

Note

Name of manufactures	Quantity	
Acetic Acid	70,999. kg.	
Para-Aldehyde	12,106. kg.	
Oxygen Gas	21,422. cu.meter	
Acetic Acid Anhydride	0	No production, becouse in course of preparation for production.
Aceto-Acetic Ester	0	"
Acetate Cellulose	0	"
Aceto-phenone	0	"
Aldol Alpha-Naphtylamine	0	"
Mono-chlor Acetate	0	"
Sodium-Acetate	0	"
Vinyl Acetate	0	"

#18

#3

Name of manufactures	Quantity	
Acetylene Gas	0	No production, becouse in course of preparation for production.
Acetic EthylEEster	0	"
Vinegar	0	"
Essence of Vinegar	0	"
Sause	0	"
Acetanilide	0	"
Sulfonamide	0	"
Distiled water	0	"
Purification of Pine Root-Oil	0	"
Weighing Machine	0	"
Chemical Machine	0	"
Ice	0	"

E. & O. E.

OGAKI FACTORY OF THE NIPPON GOSEI KAGAKU KOGYO CO., LTD.

Syuichi Yasufuku.
Factory Master.

REPORT OF THE MONTHLY QUANTITY OF MANUFACTURES

June 8, 1946.

Name of Plant:
Ogaki Factory of The Nippon Gosei Kagaku Kogyo Co., Ltd.
(The Nippon Synthetic Chemical Works).

Location:
No. 23, Kandamachi 2-chome
Ogaki-city, Gifu-prefecture.

To: Major, Finis B Jeffery,
107th Military Government HQ.

In accordance with the order described in paragraph 2 of your permission dated on May 16, 1946, we hereby wish to report the quantity of manufactures during May as follows:

Note

Name of manufactures	Quantity	
Acetic Acid	70,999.	kg.
Para-Aldehyde	12,106.	kg.
Oxygen Gas	21,422.	cu.meter
Acetic Acid Anhydride	0	No production, because in course of preparation for production.
Aceto-Acetic Ester	0	"
Acetate Cellulose	0	"
Aceto-phenone	0	"
Aldol Alpha-Naphtylamine	0	"
Mono-chlor Acetate	0	"
Sodium-Acetate	0	"
Vinyl Acetate	0	"

Name of manufactures	Quantity	
Acetylene Gas	0	No production, because in course of preparation for production.
Acetic EthylEEster	0	"
Vinegar	0	"
Essence of Vinegar	0	"
Sauce	0	"
Acetanilide	0	"
Sulfonamide	0	"
Distilled water	0	"
Purification of Pine Root-Oil	0	"
Weighing Machine	0	"
Chemical Machine	0	"
Ice	0	"

E. & O. E.

OGAKI FACTORY OF THE NIPPON GOSEI KAGAKU KOGYO CO., LTD.

Syuichi. Yasufuku.
Factory Master

REPORT OF THE MONTHLY QUANTITY
OF MANUFACTURES

June 8, 1946.

Name of Plant:
Ogaki Factory of The Nippon Gosei Kagaku Kogyo Co., Ltd.
(The Nippon Synthetic Chemical Works).

Location:
No. 23, Kandamachi 2-chome
Ogaki-city, Gifu-prefecture.

To: Major, Finis B Jeffery,
107th Military Government HQ.

In accordance with the order described in paragraph 2 of your permission dated on May 16, 1946, we hereby wish to report the quantity of manufactures during May as follows:

Note

Name of manufactures	Quantity	
Acetic Acid	70,999. kg.	
Para-Aldehyde	12,106. kg.	
Oxygen Gas	21,422. cu.meter	
Acetic Acid Anhydride	0	No production, because in course of preparation for production.
Aceto-Acetic Ester	0	"
Acetate Cellulose	0	"
Aceto-phenone	0	"
Aldol Alpha-Naphtylamine	0	"
Mono-chlor Acetate	0	"
Sodium-Acetate	0	"
Vinyl Acetate	0	"

Name of manufactures	Quantity	
Acetylene Gas	0	No production, because in course of preparation for production.
Acetic EthylEEster	0	"
Vinegar	0	"
Essence of Vinegar	0	"
Sause	0	"
Acetanilide	0	"
Sulfonamide	0	"
Distiled water	0	"
Purification of Pine Root-Oil	0	"
Weighing Machine	0	"
Chemical Machine	0	"
Ice	0	"

E. & O. E.

OGAKI FACTORY OF THE NIPPON GOSEI
KAGAKU KOGYO CO., LTD.

Syuichi Yasufuku
Factory Master.

Application for the Exemption from
" The List of Designated Factoryes for Compensation"

To: Gifu Military Government,HQ.
Thru: Gifu Pref. Government
From: The Nippon Gosei Kagaku Kogyo Kaisha Ltd.,Ogaki Factory.
No.23,2-Chome,Kandamachi,Ogaki City,Gifu Pref.

1. Short History of the Company.
The Company established and commenced the construction of semi-industrial plant of acetic acid in Ogaki City in Jan.1927,Ogaki semi-industrial plant commenced operation in Jan.1928,industrial plant commenced operation in Apr.1930,commenced the construction of Kumamoto Factory in Jan.1940.

Increase of Capital

Date		Capital up to	Purpose of Capital Increase
Jan.1927	¥	200,000	For construction of Ogaki semi-industrial plant
Jan.1929	¥	1,000,000	For construction Ogaki Factory
Apr.1935	¥	1,500,000	"
Aug.1938	¥	2,250,000	"
Jul.1939	¥	10,000,000	Chiefly for construction of Kumamoto Factory
Mar.1943	¥	35,000,000	"
at Present		"	Paid-up Capital ¥ 22,500,000

2. History of Productions of the Factory. As listed in Appendix No.1.

3. Products,being produced now or in the near future
a. Acetic Acid: The main product of our factory. Used for making vinegar & water sauce(about 50% of total production),some medicines(25%),industrial chemicals,photographic chemicals,dye-stuffs,perfumes,solvents of paints & lacqers and for dyeing.
b. Acetanilide: Used for some medicines(Antifebriles,Sulfonamides etc.)
c. Para Aldehyde: Used for solvent of paints and lacqers.
d. Oxygen Gas: Used chiehly as the main raw material of acetic acid in our factory,and partly for medical treatment and welding.
e. Nitrogen Gas: By-product of oxygen gas manugacturing. All used as the raw material of Calcium Cyanamide(one of the most important fertilyzers) at the neighboring factory(Ibigawa Electric Industry Co.)who has no nitrogen gas plant but only Calcium carbide plants.
f. Aldol-α-Naphthylamine: Used as anti-oxydant of rubber to prevent it fro

Mar.1943 ¥ 25,000,000 Kumamoto Factory "
at Present " Paid-up Capital ¥ 22,500,000

2. History of Productions of the Factory. As listed in Appendix No.1.

3. Products, being produced now or in the near future
a. Acetic Acid: The main product of our factory. Used for making vinegar & water sauce(about 50% of total production), some medicines(25%), industrial chemicals, photographic chemicals, dye-stuffs, perfumes, solvents of paints & lacqers and for dyeing.
b. Acetanilide: Used for some medicines(Antifebriles, Sulfonamides etc.)
c. Para Aldehyde: Used for solvent of paints and lacqers.
d. Oxygen Gas: Used chiefly as the main raw material of acetic acid in our factory, and partly for medical treatment and welding.
e. Nitrogen Gas: By-product of oxygen gas manufacturing. All used as the raw material of Calcium Cyanamide(one of the most important fertilyzers) at the neighboring factory(Ibigawa Electric Industry Co.)who has no nitrogen gas plant but only Calcium carbide plants.
f. Aldol-α-Naphthylamine: Used as Anti-oxydant of rubber to prevent it from aging. Ready to commence the manufacture in the middle of Sept. of this year
g. Ethyl Acetate: Used chiefly for the manufacture of Aceto-acetic ester in our factory and partly for solvent of paints and lacqers. Ready to commence the manufacture in Oct. of this year.
h. Aceto-acetic Ester: Indispensable raw material for some medicines(such as Antipirin, Aminopirin, Piramidon etc.)and dye-stuffs. Ready to commence the manufacture in Oct. of this year.
i, Mono-Chlor Acetic Acid: Important raw material for some medicines, Vitamin B-1 and dye-stuffs. Ready to commence the manufacture in Nov.of this year.
j. Vinyl Acetate Resins: Raw material for artificial fibre and plastics. Ready to commence the manufacture in Oct. with a smaller scale plant reconstructed.

4. Products, not being produced now.
a. Compressed Acethylene Gas: Used for welding. Expected to commence the repair from war damage in the near future.
b. Penta Erythrite: For the production of 5 tons of Penta Erythrite per month, we consumed 30 tons of Formalin which was the product of another company, and only 3 tons of acetaldehyde which we made about 300tons per month as the intermediate product in the course of the manufacture of acetic acid, and therefore it seemed rathermore reasonable to be manufactured in a Formalin manufacturing Factory than in our factory. But in War time, under the instruction of Japanese Military Government, we manufactured it at the above described capacity. No peplan for reproduction in future.

Encl 24

c. Aceto Phenone. Used for the production of medicines and plastics. No plan for reproduction.
d. Sodium Acetate. One of the important products of our factory. Chiefly used for dyeing and several other chemical treatment and also used as chemical reagents. Recently used for seasoning material of food stuffs. No concrete plan for reproduction.
e. Acetyl Cellulose. Used for manufacturing paints and lacpers, artificial silk and plastics. No concrete plan for reproduction.
f. Acetone. Chiefly used as solvents of paints and lacqers, and also used for the production of plastics. No plan for reproduction.
g. Tri-acetin. Used for solvents and plasticizer of some plastics. No plan for reproduction.
h. Acetic Acid Anhydride. Chiefly used for the production of acetyl cellulose in our factory and partlyas the raw material for some medicines and dye-stuffs. Now planning the production in a new plant.
i. Furthermore we have got the permission for conversion of leisure buildings and equipments to the plants for producing several civilian commodities e.g. vinegar, water sauce, essence of vinegar, sulfonamide, distilled water, ice, weighing machines and chemical machines etc.

5. Route of Sale of the Products.
Each products were dealt to consumers through the sale controlling associations respectively except Penta Erythrite which was transported directly to military factories.

6. Main Equipments now Remained. As listed in appendix No. 2

7. Outline sketch of Factory. in appendix No. 3

8. Number of employee As listed in appendix No. 4

9. Remarks
a. Having received the permission for conversion from APO 25 on 10th Dec. 1945 and from 107th M.G. on 16th May. 1946, we are endevouring to manufacture the important civilian commodities and to repair the plants from the war damages for that purposes.

tics e.g. vinegar, water [illegible], water, ice, weighing machines and chemical machines etc.

5. Route of Sale of the Producte.
Each products were dealt to consumers through the sale controlling associations respectively except Penta Erytbrito which was transported directly to military factories.

6. Main Equipments now Remained. As listed in appendix No. 2

7. Outline sketch of Factory. in appendix No. 3

8. Number of employee As listed in appendix No. 4

9. Remarks
a. Having received the permission for conversion from APO 25 on 10th Dec. 1945 and from 107th M.G. on 16th May.1946, we are endevouring to manufacture the important civilian commodities and to repair the plants from the war damages for that purposes.
b. We have received the order of production of important civilian commodities from "Bureau of Industry, Department of Commerce and Industry of Japan" on 19th Oct.1945 as our production was considered to give much contribution for the stabilization of civilian life.
c. The stoppage of the opperation of our factory will cause many obstacles among the people according to the great deficiency of some chemicals, solvents, vinegar and important medicines such as aspirin, antipirin, acetanilide, Vitamine B-1 etc., as our factory is the only one manufacturer of the raw materials of such substances in the west half part of Hondo.
d. We have been the main supplier of oxygen gas for welding and medical purposes in the central part of Hondo, and also the supplier of nitrogen gas for the production of fertilyzer that is indispensable for the present state of Japan.
e. All the equipments of our factory now working and also their products have no relation to and can not be used for direct munitions, except the small scale plant for Penta Erythrite which might have been the raw material of explosive powder in war time, and the ratio of Penta Erythrite production to the total production at our factory was very small.

We hereby urgently beg to get your honourable understanding to exempt our factory from "The List of Designated Factories for Compensation", as we had touched not so much to munitions throughout the War Time.

Yours respectively,

For The Nippon Gosei Kagaku Kogyo Kaisha,Ltd.
Ogaki Factory.

H. Noguchi
Manager

10th Sept.,1946

N.B. We herewith add that:

The designation of our factory for compensation has been issued to "The Nippon Yosei Kayaku Kaisha" and not to "The Nippon Gosei Kagaku Kaisha"and this may be only a mistake owing to misprints of letter "G" to "Y". Meanwhile as "Kayaku" means "explosive powder" in Japanese word,"Yosei Kayaku Kaisha" means "Yosei Explosive Manufacturing Co.",but our factory is only a manufacturer of synthetic chemicals such as just described above,i.e.so-called "The Nippon Gosei Kagaku Kogyo Kaisha,Ltd." that means "The Japanese Synthetic Chemical Co.Ltd.".

History of Production

Appendix No. 1-a

Names of Products	Acetic Acid	Oxygen Gas	Vinyl Acetate Resine	Acetylene Gas (Compressed)	Aldol Alpha-Naphthyl Amine
Units	Tons	1000.cu.m.	Tons	Tons	Tons
1928	284	75	-	-	-
1929	780	207	-	-	-
1930	2850	756	-	-	-
1931	3525	936	-	-	-
1932	3666	1033	-	-	-
1933	4345	1263	-	-	-
1934	5044	1505	-	-	-
1935	5679	1796	-	25	-
1936	5836	1815	2	30	-
1937	6814	2024	2	81	-
1938	6640	1966	21	104	59
1939	5090	1680	38	230	80
1940	4344	1503	31	142	90
1941	5966	1828	28	144	42

1933	4345	1263	-	-	-
1934	5044	1505	-	-	-
1935	5679	1796	-	25	-
1936	5836	1815	2	30	-
1937	6814	2024	2	61	-
1938	6640	1966	21	104	59
1939	5090	1680	38	230	80
1940	4344	1503	31	142	90
1941	5966	1828	28	144	42
1942	5530	1768	33	131	62
1943	5376	1732	68	103	67
1944	4740	1579	95	212	37
1945	1644	760	44	143	3
1946	688	393	-	-	-
Total	76,811	24,619	362	1345	440
Degree of War Damage	Distllation Plant entirely damaged others good	Good	Entirely damaged	need exhaustive Repair	Good
Conditions of plant at Present	Partially operated	Partially operated	New smaller plant planned expected to be manufactured from Oct.	Expected to commence the repair soon	Expected to be operated from Sept.

History of Production

Appendix No. 1-b

Names of Products	Penta Erythrite	Aceto Phenone	Sodium Acetate	Aceto Acetic Ester	Acetyl Cellulose
Units	Tons	Tons	Tons	Tons	Tons
1928	-	-	-	-	-
1929	-	-	-	-	-
1930	-	-	-	-	-
1931	-	-	-	-	-
1932	-	-	1137	-	-
1933	-	-	946	-	-
1934	-	-	335	-	-
1935	-	-	862	13	6
1936	-	-	1020	[illegible]	17
1937	-	-	885	66	15
1938	2	10	775	141	42
1939	9	5	675	160	43
1940	9	4	493	156	29
1941	10	37	620	174	[illegible]

1932	-	-	1127	-	-
1933	-	-	946	-	-
1934	-	-	325	-	-
1935	-	-	862	13	6
1936	-	-	1020		17
1937	-	-	885	66	15
1938	2	10	775	141	42
1939	9	5	675	160	43
1940	9	4	493	156	29
1941	10	37	620	174	53
1942	30	111	513	200	109
1943	29	46	665	179	122
1944	48	17	367	79	147
1945	37	21	192	69	66
1946	-	-	-	-	-
* Total	174	251	9665	1296	649
Degree of War Damage	Good	Good	Entirely Damaged	Partly damaged	Entirely damaged
Condition of plant at Present	Converted for manufecturing Manganese Acetate	No plan for reproduction	New plant planned	Expected to commence the manufacture from Oct.	No concrete plan for reconstruction

History of Production

Appendix No.1-c

Names of Products	Mono-Chlor Acetic Acid	Acetone	Acetic Acid Anhydride	Tri-acetin	Aceto Anilide
Units	Tons	Tons	Tons	Tons	Tons
1928	-	-	-	-	-
1929	-	-	-	-	-
1930	-	-	-	-	-
1931	-	-	-	-	-
1932	-	-	-	-	-
1933	3	-	75	-	-
1934	28	-	245	-	-
1935	10	-	279	-	-
1936	15	-	326	-	-
1937	34	-	231	-	-
1938	32	60	257	5	-
1939	42	97	206	11	-
1940	55	104	180	16	22

1932	-	-	-	-	-
1933	3	-	75	-	--
1934	28	-	245	-	-
1935	10	--	279	-	-
1936	15	-	326	-	-
1937	34	-	231	-	-
1938	32	60	267	5	-
1939	42	97	206	11	-
1940	55	104	180	16	22
1941	61	198	267	18	70
1942	83	378	280	27	34
1943	119	330	301	55	15
1944	94	352	346	58	-
1945	27	204	60	35	-
1946	-	-	-	-	-
Total	603	1723	3063	225	139
Degree of War Damage	Entirely damaged	Need exhaustive repair	Partly damaged	Entirely damaged	Good
Conditions of plant at Present	Expected to commence the manufacture from Nov.	No plan for reconstruction	Remained part used for acetic acid distillation	No plan for reconstruction	Now operating

History of Production

Appendix No.1-d

Names of products	Para-Aldehyde	Ethyl Acetate	Nitrogen Gas	Remarks
Units	Tons	Tons	1000.cub.m.	
1928	-	-	300	
1929	-	-	828	
1930	-	-	3024	
1931	-	-	3744	
1932	-	-	4132	
1933	-	-	5052	
1934	-	-	6020	
1935	-	112	7184	
1936	-	247	7260	
1937	-	211	8096	
1938	15	356	7864	
1939	33.	390	6720	
1940	10	408	6012	
1941	92	460	7312	
1942	96	524	7072	

1933	-	-	5052	
1934	-	-	6020	
1935	-	112	7184	
1936	-	247	7260	
1937	-	211	8096	
1938	15	356	7864	
1939	33.	390	6720	
1940	10	408	6012	
1941	92	460	7312	
1942	96	524	7072	
1943	36	482	6928	
1944	76	262	6316	
1945	20	217	3040	
1946	35	-	1572	by the end of July.
Total	413	3669	98,476	
Degree of War Damage	Good	Partly damaged	Good	Total degree of Damage about 70%
Conditions of plant at Present	Now operating	Expected to commence the manufacture from Oct.	Partially Operated	

Appendix No.2.

Main Equipment

Name of Equipments	Procedure	Capacity	Remarks
Acetylene Gas producer	Calcium Carbide → Acetylene Gas	700 tons of Carbide per month	Good condition
Acetaldehyde producing plant	Acetylene Gas → Acetaldehyde	300 tons per month	Good condition
Acetic Acid producing plant	Acetaldehyde + Oxygen Gas → Crude Acetic Acid	350 tons per month	Good condition
Distillation plant Of Acetic Acid	Crude Acetic Acid → Purified Acetic Acid	200 tons per month	Original plant damaged entirely. Temporarily Acetic Acid Anhydride distilling plant converted. New plant under contruction.
Acetanilide producing plant	Acetic Acid → Acetanilide	15 tons per month	Good condition
Aldol-Alphanaphtylamine producing plant	Acetaldehyde → Aldol Alpha-Naphtylamine	8 tons per month	Good condition
Para Aldehyde producing plant	Acetaldehyde → Para Aldehyde	5 tons per month	Good condition
Manganese Acetate producing plant	Acetic Acid → Manganese Acetate	3 tons per month	Damaged entirely by Aero Attacks. Former Pentaerythrite plant converted.

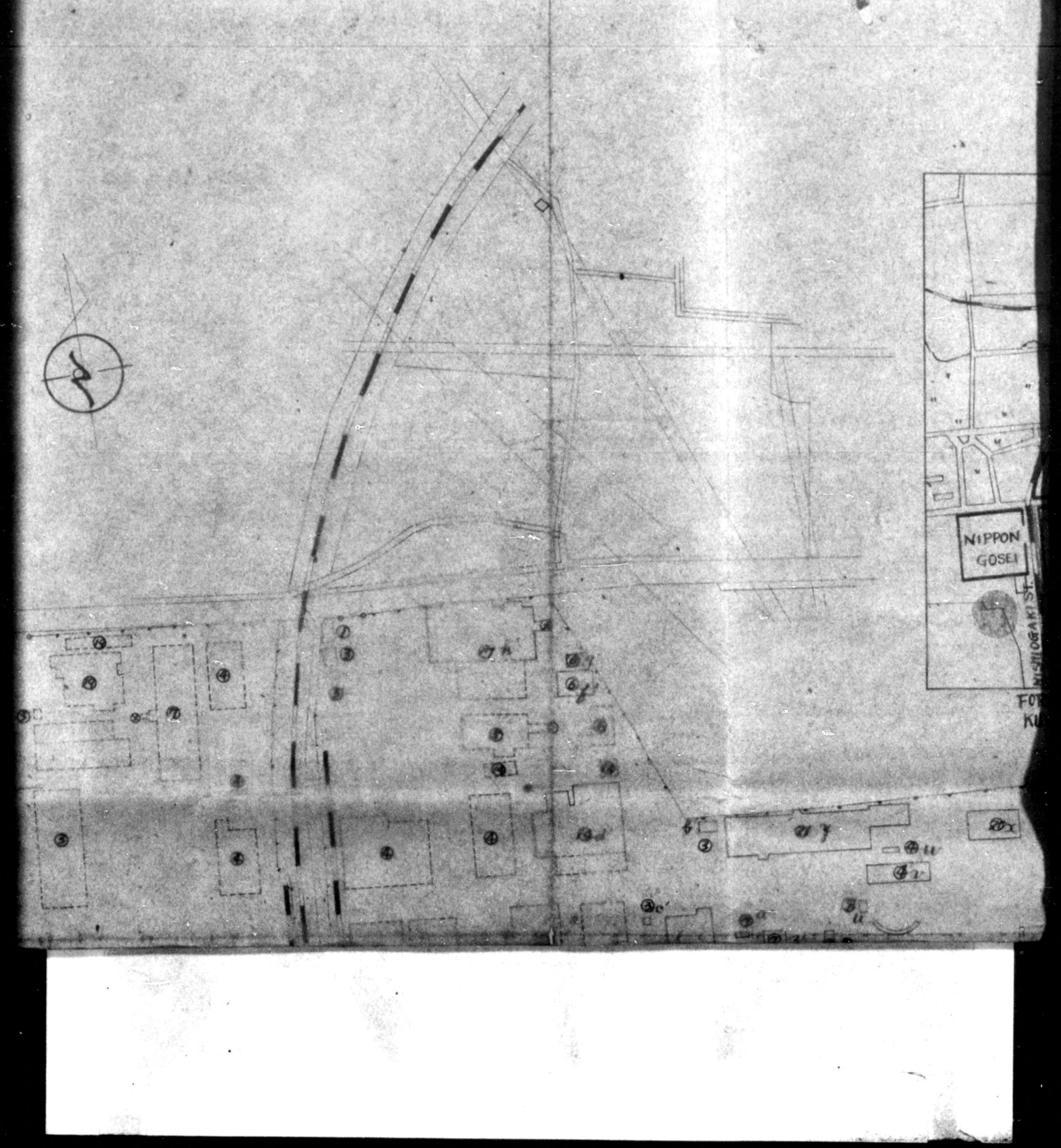
	Acid	per month	hydride distilling plant converted. New plant under contruction.
Acetanilide producing plant	Acetic Acid ⟶ Acetanilide	15 tons per month	Good condition
Aldol-Alphanaphtyl-amine producing plant	Acetaldehyde ⟶ Aldol Alpha-Naphtylamine	8 tons per month	Good condition
Para Aldehyde producing plant	Acetaldehyde ⟶ Para Aldehyde	5 tons per month	Good condition
Manganese Acetate producing plant	Acetic Acid ⟶ Manganese Acetate	2 tons per month	Damaged entirely by Aero Attacks. Former Pentaerythrite plant converted.
Oxygen Gas & Nitro-gen Gas producing plant	Air ⟶ Oxygen + Nitrogen	150 cubic meter Oxygen per hour	Good condition
Ethyl Acetate producing plant	Acetic Acid + Alcohol ⟶ Ethyl Acetate	30 tons per month	Expected to be operated from Oct.
Aceto Acetic Ester producing plant	Ethyl Acetate ⟶ Aceto Acetic Ester	20 tons per month	Expected to be operated from Oct.
Boilers	Steam generation for all areas of the factory	7′ x 30′ Lancashire 2 sets 8′ x 35′ Lancashire 2 sets 103 sq. m. Takuma 2 sets	Good condition Need repaire Need repaire
Sub-Station	Electric power distribution for all areas of the factory	1,800K.W. 1 set	Good condition

Appendix No. 4.

Number of Employee of the Factory

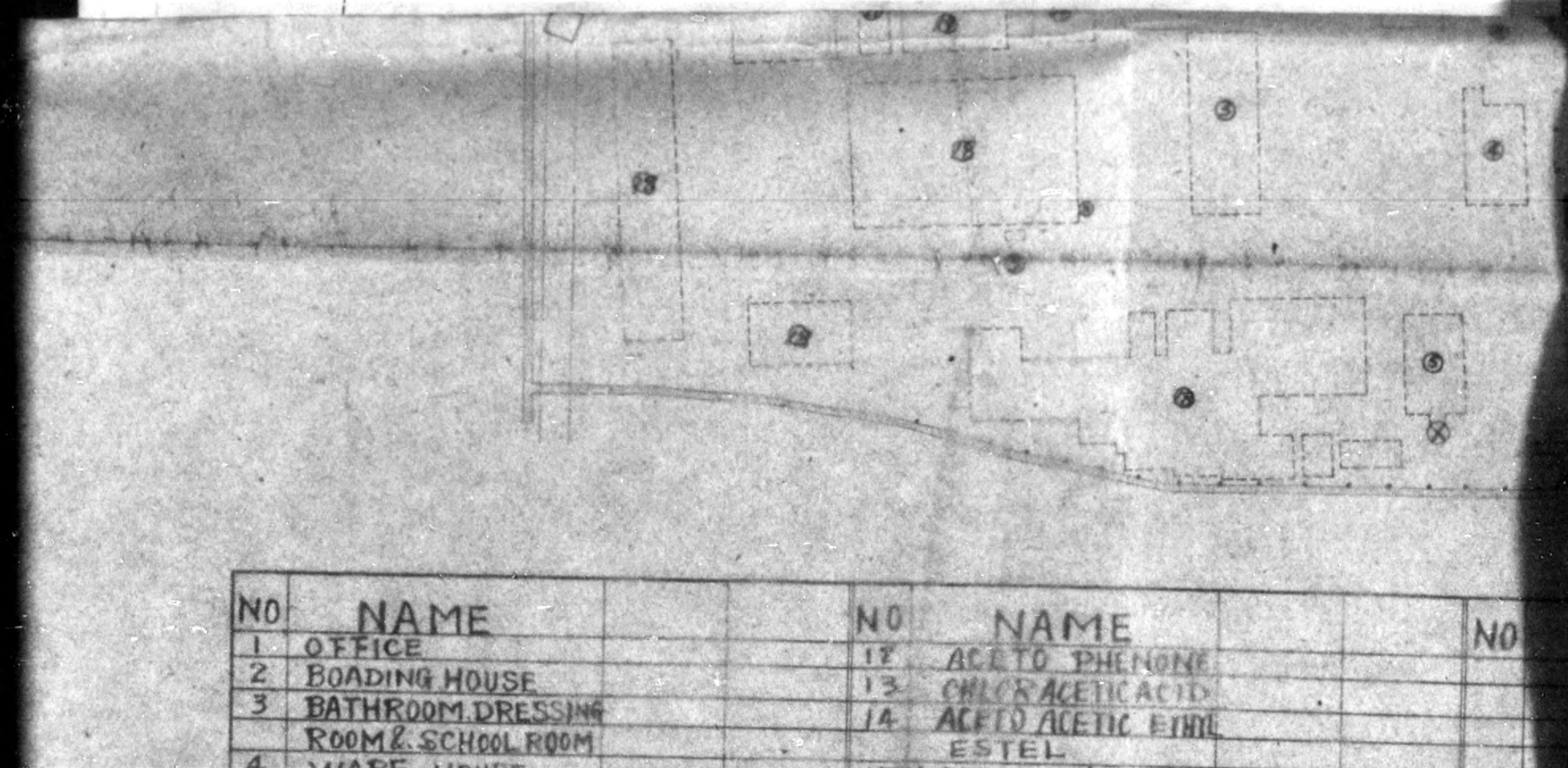
Division / Year	Technical Expert			Office Clerks			Work Men			Total		
	male	female	total	male	female	total	male	female	total	male	female	total
1927	8	0	8	3	0	3	20	0	20	31	0	31
1928	24	0	24	4	0	4	56	0	56	84	0	84
1929	34	0	34	6	0	6	86	0	86	126	0	126
1930	33	0	33	10	0	10	82	0	82	125	0	125
1931	35	0	35	10	0	10	96	4	100	141	4	145
1932	34	0	34	10	0	10	96	2	98	140	2	142
1933	39	0	39	10	0	10	132	5	137	181	5	186
1934	44	0	44	11	0	11	151	7	158	206	7	213
1935	43	0	43	13	0	13	197	7	204	253	7	260
1936	44	0	44	13	0	13	220	6	226	277	6	283
1937	47	0	47	13	0	13	247	7	254	307	7	314
1938	46	0	46	18	0	18	307	20	327	371	20	391
1939	53	0	53	22	1	23	319	24	343	394	25	419

1932	34	0	34	10	0	10	96	2	98	140	2	142
1933	39	0	39	10	0	10	132	5	137	181	5	186
1934	44	0	44	11	0	11	151	7	158	206	7	213
1935	43	0	43	13	0	13	197	7	204	253	7	260
1936	44	0	44	13	0	13	220	6	226	277	6	283
1937	47	0	47	13	0	13	247	7	254	307*	7	31
1938	46	0	46	18	0	18	307	20	327	371	20	391
1939	53	0	53	22	1	23	319	24	343	394	25	419
1940	56	0	56	29	10	39	341	47	388	426	57	483
1941	62	0	62	30	14	44	482	42	524	574	56	630
1942	64	0	64	37	21	58	514	45	559	615	66	681
1943	61	0	61	33	31	64	470	38	508	562	69	631
1944	68	1	69	36	43	79	437	104	541	541	148	689
1945	68	1	69	31	36	67	282	68	350	381	105	486
1946(Aug.)	63	1	64	35	11	46	214	4	218	312	16	328



POSITION OF THE WORKS.

SCALE 1:10000



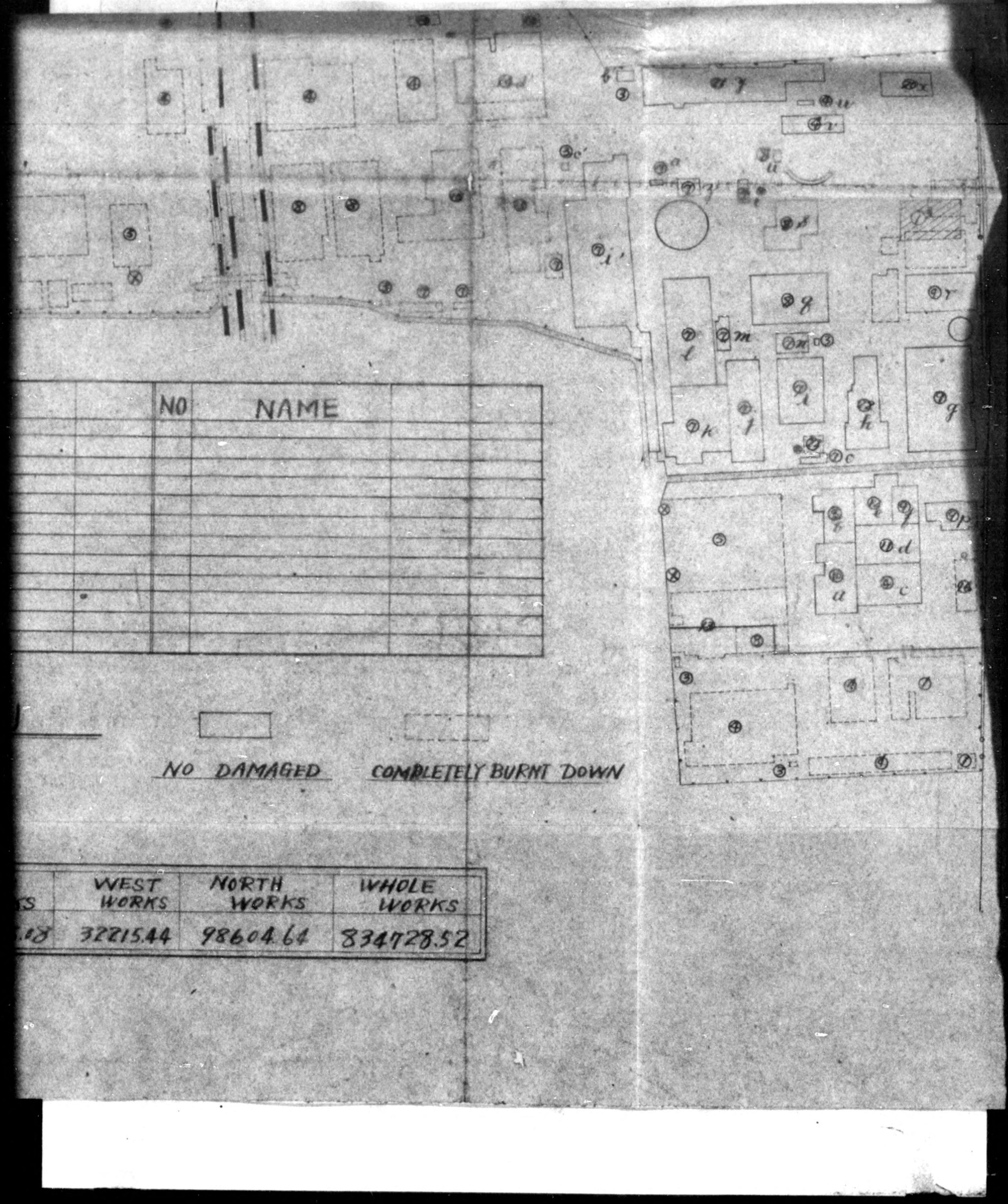
NO	NAME	NO	NAME	NO
1	OFFICE	12	ACETO PHENONE	
2	BOADING HOUSE	13	CHLORACETICACID	
3	BATHROOM.DRESSING ROOM & SCHOOL ROOM	14	ACETO ACETIC ETHYL ESTEL	
4	WARE HOUSE	15	SODIUM ACETATE	
5	BOILER	16	VINYL ACETATE	
6	ELECTRIC SUB STATION	17	ACETONE	
7	ACETO ALDEHYDE	18	ACETHYL CELLULOSE	
8	ACETIC ACID	19	ACETYLENE GAS CONPO	
9	OXYGENE	20	LABORATORY	
10	ACETIC ACIDUNHYDRIDE	21	IRON FOUNDRY	
11	MANGAN ACETATE	22	ALDOL-KNAPHTYLAMINE	

NIPPON GOSEI KAGAKU

KOGYO CO. LTD.

NO

	MAIN WORKS	EAST WORKS	WEST WORKS	N
AREA Sq ft.	340349.56	169825.08	32215.44	98

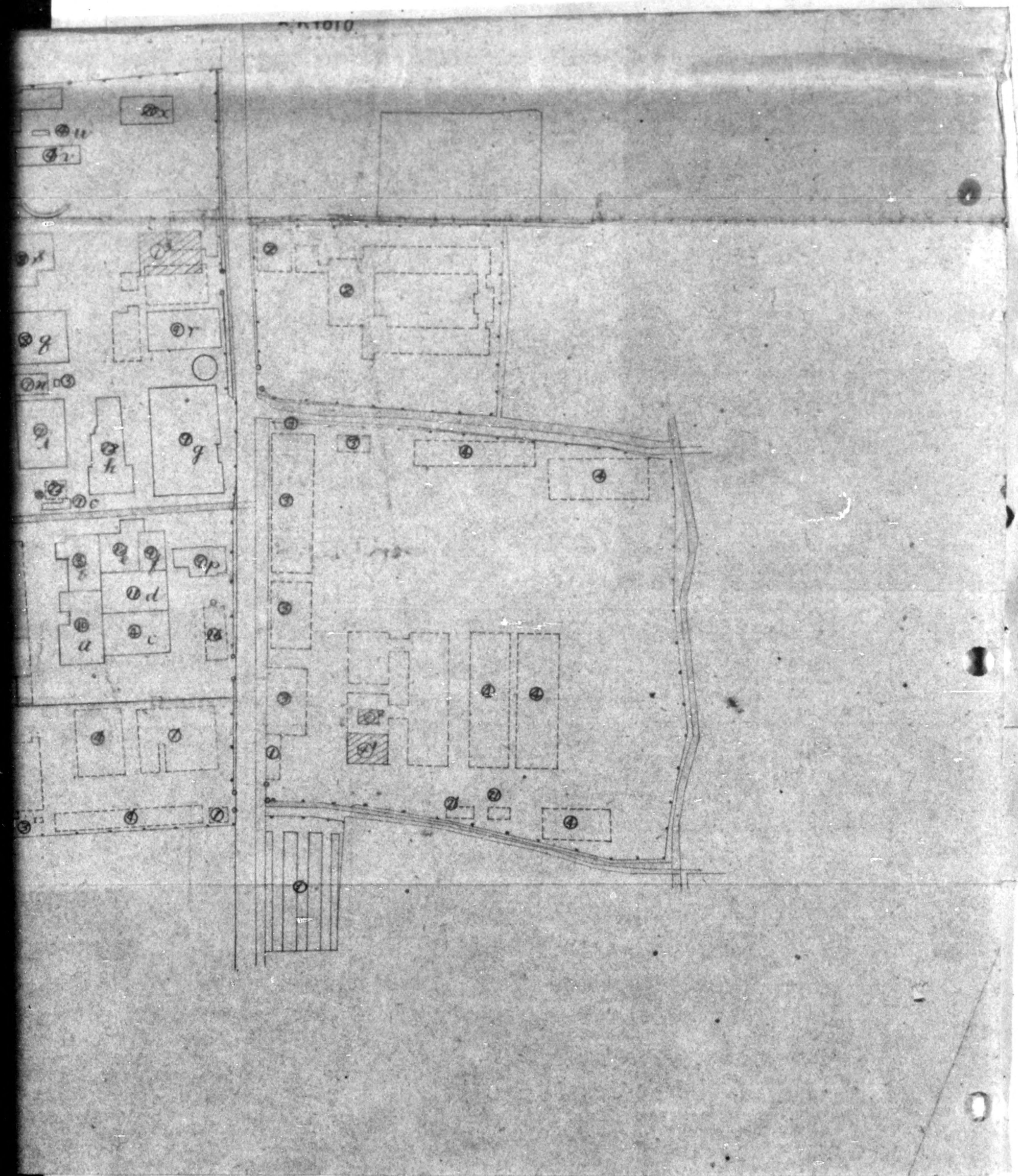


		NO	NAME		

NO DAMAGED

COMPLETELY BURNT DOWN

S	WEST WORKS	NORTH WORKS	WHOLE WORKS
.08	32215.44	98604.64	834728.52



File

HEADQUARTERS I CORPS
APO 301 (Kyoto, Honshu)

GLS/ks

Date 20 MAR 1946

AG 004 - BA

SUBJECT: Permit for Reconversion from War Production and for Resumption of Production of Essential Civilian Commodities.

TO: NIPPON GOSEI KAGAKU KOGYO KABUSHIKI KAISHA.
(Name and address of firm)

Kumamoto Factory:

221, Tsuigome, Uto-machi, Kumamoto-ken.
(Name and location of plant)

1. In accordance with the provisions of paragraph 3 of Directive No. 3 from the Supreme Commander for the Allied Powers, dated 22 September 1945, you are authorized to commence operation of your plant, and to manufacture the essential civilian commodities listed in annex 1 to this permit

2. This permit grants authority only to operate. The acquisition of materials, parts, and sub-assemblies, as well as the disposition of finished products and establishment of sales prices, will be in accord with the regulations of the Imperial Japanese Government.

3. You will notify this headquarters in writing of the exact date upon which you commence manufacturing operations. This notice will be mailed not later than date of commencement of operations.

4. Two months after the date of commencement of operations, and at the end of each month thereafter until notified to the contrary by this Headquarters, a report will be made to the Commanding General, I Corps, APO 301, attention: Military Government Section. This report will be written in English and will list each item, by name, type, and quantity, produced by the above identified factory. This report will be delivered to Corps Headquarters not later than fifteen (15) days after the conclusion of the period to which the report pertains.

BY COMMAND OF MAJOR GENERAL HUMN:

[redacted]

[redacted] SMITH
Lt. Colonel, AGD
Adjutant General

Info Copies To:
GHQ, SCAP (Attn: A & S Sec.)
CG, Eighth Army, (Attn: MG Sec.)
CO, 95 MG Hq Group.
Imperial Japanese Government (_____ Liaison Bureau).

1 Incl:
Annex 1

HEADQUARTERS I CORPS
APO 301 (Omaka, Honshu)

20 MAR 1946

ANNEX NO. 1

PERMIT NO. IG-309

Permission is granted to NIPPON GOSEI KAGAKU KOGYO KABUSHIKI KAISHA.

(Name and address of company)

to produce at the Kumamoto Factory :

221, Tsuigome, Uto-machi, Kumamoto-ken.

(Name and location of plant)

the following items listed below:

a. Calcium Carbide.

b. Acetic-acid.

c. Aceton.

d. Oxygen.

e. Paraldyde.

f. Sodium-acelate.

g. Turpentine.

(NOTHING FOLLOWS)

Incl. 2

95TH HEADQUARTERS AND HEADQUARTERS DETACHMENT
MILITARY GOVERNMENT GROUP
Kurume, Kyushu, Japan

APO 929
8 March

SUBJECT: Reconversion, application for

TO : Commanding General, I Corps, APO 301

1. Forwarded in accordance with Par 7c and 8 of OI-2, Headquarters I Corps, issued 15 February 1946.

2. An actual physical inspection of the plant applying, was made by a Military Government officer.

3. Issuance of permit is recommended.

FOR THE COMMANDING OFFICER:

Walter H. Powell
WALTER H. POWELL
1st Lt., CAC
Adjutant

Incl:
1. Application of the Nippon Gosei, Kagaku Kogyo Co. Ltd. in four (4) copies.

M69

AK/jk

HEADQUARTERS
93RD HEADQUARTERS & HEADQUARTERS DETACHMENT
MILITARY GOVERNMENT COMPANY, KUMAMOTO, KYUSHU, JAPAN

APO 929
2 March, 1946

Serial No: 1749

Subject: Reconversion, Application for.
To : Commanding Officer, 95th Headquarters & Headquarters Detachment, Military Government Group, APO 929

1. Forwarded under paragraph 5E of ltr., Hq. 95th Military Government Group, A.G. 014.13-T, 24 January, 1946.

2. Recommend approval.

R. S. LINK
LT COL AC
COMMANDING

Incl:
A - Application of the Nippon Gosei, Kagaku Kogyo Co. Ltd. in four (4) copies.

V. 0 3

005

107th MILITARY GOVERNMENT
HQ & HQ COMPANY
APO 25 (Gifu, Honshu)

16 May 1946

SUBJECT: Permission to Produce Commodities.

TO : Ogaki Factory of The Nippon Gosei Kagaku Kogyo Co., Ltd. (The Nippon Synthetic Chemical Works).

1. This Headquarters has no objections for you to produce the following items:

Name of new products	Quantities of products per month	Main Raw Materials	The Use
Para-Aldehyde	10 tons	Acetoaldehyde (intermediate of acetic acid)	Solvent and materials of rubber medicals
Acetic Ethyl Ester	40 tons	Acetoaldehyde, acetic-acid & alcohol	Solvent & materials of aceto acetic ethyl ester
Vinegar	225 tons	Acetic acid & salt	Food
Essence of Vinegar	33 tons	Acetic acid & salt	Food
Sauce	50 tons	Acetic acid, salt & vegetables	Food
Acetanilide	5 tons	Acetic acid & aniline	Medicine
Sulfonamide	1 ton	Acetic acid, aniline & chlor sulfamic acid	Medicine
Distiled water	20 tons		For medical & Storage battery
Purification of Pine Root-Oil	20 tons		Solvent & fuel substitues.

#2

78

Weighing machine	(Production & repair)	Various type.
Chemical machine	(Production & repair)	Various type.
Ice	300 tons	Liquid ammonia & chlor lime

Name of products	Buildings	Equipments
Para-Aldehyde	Use existing building	Use leisure equipments in whole.
Acetic Ethyl Ester	Intermediate of aceto Acetic ethyle ester, but as supplied to markets in the state of intermediate, existing facilities can be used as present for both buildings and equipments	
Vinegar	Use existing building	Mostly use leisure equipments and construct only store-bath
Essence of vinegar	Use existing building	Use leisure equipments in whole
Sauce	Use existing building	Mostly use leisure equipments and construct newly store-bath only
Acetanilide	Use theplant of "Penta-Erithrit" which had been supplied to Army and Navy	Mostly construct newly (all construction materials on hand), partly use leisure equipments and Manufacturing equipments of "Penta-Erithrit" will be used for repairing use in whole.
Sulfonamide	Newly construct	Mostly construct newly (all construction materials on hand), and partly use leisure equipments.
Destiled Water	Use existing building	Use leisure equipments in whole
Ice	Construct newly	Mostly use leisure equipments and partly construct newly (all construction materials on hand)

2. A monthly report of the quantity of each item manufactured will be reported to this office by the 15th of each month.

FINIS B. JEFFERY
Major, AC

Application for the permission of conversion to the essential consumers commodities

---

1. Name: Ogaki Factory of The Nippon Gosei Kagaku Kogyo Co., Ltd. (The Nippon Synthetic Chemical Works).

2. Capital: ¥ 35,000,000. (¥ 22,500,000. paid up).

3. Ownership: Number of total stock ..... 700,000.

Main stock holders;

Kanegafuchi Kogyo Co., Ltd.	332,592	(47.5%)
Kanegafuchi Soda Co., Ltd.	78,330	(11.2%)
Other 1,472 peoples & companies	289,078	(41.3%)

4. Relation to the Government:

No-financing relation with the Government.

5. Date of Foundation:

Commenced January of 1927.

6. Location: No.23, 2-chome, Kanda-cho, Ogaki-city, Gifu-ken.

7. General discription of the plant and machinery:

1) One set of Acetylene Gas producer.
2) One set of Aceto-Aldehyde Producing Plant, with Gas Purifier & others.
3) One set of Acetic Acid Producing Plant.
4) One set of Acetic Acid Anhydride Plant.
5) One set of Aceto-Acetic Ester Plant.
6) One set of Aceto-Phenone Plant.
7) One set of Acetate Cellulose Plant.
8) One set of Aldol & - Naphtylamine Plant.
9) One set of Mono-chlor-Acetate Plant.
10) One set of sodium Acetate Plant.
11) One set of Penta Erithrit Plant.
12) Three sets of Vinyl Acetate Plant.
13) Three sets of Oxygen Producing plant.
14) Three sets of Acetylene Gas compressing Plants.

15) Site area of the works 844,776 square feet.
16) Building area 68,272 square feet.

8. Number of Employees:

Men:	508	Heads
Women:	36	"

9. Production before the war:

Acetic Acid	650	(Tons monthly)
Acetic Acid Anhydride	30	"
Aceto-Acetic Ester	15	"
Acetate Cellulose	5	"
Aldol &)- Naphtylamine	5	"
Mono-chlor-Acetate	7	"
Sodium Acetate	50	"
Oxygen Gas, compressed	390	(cu.meter per Hour)
Acetylene gas, compressed	30	(")

10. Production during the war:

Acetic Acid	650	(Tons monthly)
Acetic Acid Anhydride	30	"
Aceto-Acetic Ester	15	"
Acetate Cellulose	15	"
Aceto-phenone	15	"
Acetone	30	"
Aldol &)- Naphtylamine	8	"
Monochlor-Acetate	15	"
# Penta-Erithrit	5	"
Sodium Acetate	25	"
Vinyl Acetate	20	"
Oxygen and Nitrogen Gas	360	(cu.meter per Hour)
Acetylene Gas, compressed	45	(")

N.B. # mark product was supplied to Military and Navy purpose:

11. Future plan of production:

Excepting the above # marked product (Penta-Erithrit), the undermentioned products are desired to manufacture in future as usual purpose as before the war.

Acetic Acid	650	(tons monthly)	for vinegar and dyestuff use.
Acetic Acid Anhydride	30	"	for Pharmacetial & cellulose use.
Aceto-Acetic Ester	15	"	for pharmacetial use.
Acetate Cellulose	7	"	for Artificial silk & plastics make.
Aceto-phenone	10	"	for pharmacetial & plastics use.
Aldol &β- Naphtylamine	10	"	for rubber goods make.
Manganese Acetate	5	"	for medical & catalysis use.
Mono-chlor-Acetate	10	"	for vitamine medicine use.
Sodium Acetate	27	"	for dyestuff.
Vinyl Acetate	7	"	for artificial silk & plastics use.
Oxygen and Nitrogen gas	240	(cu.meter per Hour)	for welding & medical use.
Acetylene Gas, compressed	40	(")	for welding.

N.B. The arrangements of Penta-Erithrit, which supplied to military and navy use, are necessary desired to convert to the arrangements of the other products, mainly for Manganese Acetate Plant, as the above mentioned arrangements were heavy destroyed by war damages.

- E. & O. E. -

26th, October, 1945.

H. Ito

For the above application we had got a permission from U.S. 25th Division on December 10th, 1945.

We hereby wish to apply for the permission of manufacturing the undermentioned essencial consumer's commodities newly this time.

Name of new products:	Quantities of products per month:	Main Raw-Materials:	The Use:
Para-Aldehyde	10 tons	Acetoaldehyde (intermediate of acetic acid)	Solvent and materials of rubber medicals
Acetic Ethyl Ester	40 "	Acetoaldehyde, acetic-acid & alcohol	Solvent & materials of aceto acetic ethyl ester.
Vinegar	225 "	Acetic acid & salt	Food
Essence of Vinegar	33 "	Acetic acid & salt	Food
Sause	50 "	Acetic acid, salt & vegetables.	Food
Acetanilide	5 "	Acetic acid & aniline	Medicine
Sulfonamide	1 "	Acetic acid, aniline & chlor sulfonic acid	Medicine
Distiled water	20 "		For medical & storage battery
Purification of Pine-Root-Oil	20 "		Solvent & fuel substitues.
Weighing machine (Production & repair)			Various type.
Chemical machine (")			"
Ice	300 tons	Liquid ammonia & chlor lime.	

We intend to use existing and leisure facilities mostly as manufacturing equipments and buildings for above mentioned comodities, as follow,

Name of products	Buildings	Equipments
Para-Aldehyde	Use existing building.	Use leisure equipments in whole.
Acetic Ethyl Ester	Intermediate of aceto acetic ethyle ester, but as supplied to markets in the state of intermediate, existing facilities can be used as present for both buildings and equipments.	
Vinegar	Use existing building.	mostly use leisure equipments and construct only store-bath.
Essence of vinegar	Use existing building.	Use leisure equipments in whole
Sauce	Use existing building.	Mostly use leisure equipments and construct newly store-bath only.
Acetanilide	Use the plant of "Penta-Erithrit" which had been supplied to army & navy.	Mostly construct newly (all construction materials on hand), partly use leisure equipments and Manufacturing equipments of "Penta-Erithrit" will be used for repairing use in whole.
Sulfonamide	Newly construct.	Mostly construct newly (all construction materials on hand), and partly use leisure equipments.

Destiled Water	Use existing building.	Use leisure equipments in whole.
Weighing Machine	Use existing building.	Use leisure equipments and repairing plant's equipments.
Chemical Machine	Use repairing plant.	Use reparing plant's equipments.
Ice	Construct newly	Mostly use leisure equipments and partly construct newly (all construction materials on hand.)

E. & O. E.

Sakuzen Ito

Serial No. of Report

APPLICATION FOR OPERATION OF
AND
REPORT ON INDUSTRIAL FACILITIES.

TO: Headquarters 8th Demg.

THRU: The Kumamoto Prefectural gov.

Name and Address of Reporting Unit
The Nippon gosei Kagaku Kogyo Co. Ltd.
Tsuigome, Uto-town, the Kumamoto prefecture.

Date
Jan. 11th. 1946.

1. Name of Facility The Nippon gosei Kagaku Kogyo Co. Ltd Kumamoto factory.

2. Location Tsuigome 221 Uto-town. Kumamoto District Prefecture.

3. Name of President or Manager H. Ito (the president) T. Ushio (the chief of factory)

4. History
   a. Date of construction Feb. 1927 (Establishment of the co.) constructed the factory at Ogaki city

   b. Date of first operation April 1929 (commenced the construction Kumamoto factory.

   c. 1935-1941 Production (Annual Value in Yen; quantities of principal products by units or weights).

1935 ---------- 0

1936 ---------- 0

1937 ---------- 0

1938 ---------- 0

1939 ---------- 0

1940 ---------- 0

1941 ---------- Calcium-carbide-1.717 tons

   d. Present capitalization in Yen ¥35.000.000.00 (paid-up-capital ¥22.500.000.00)

   e. Changes made in capital structure since 1935

1939 ---------- ¥ 10.000.000.00

1943 ---------- ¥ 35.000.000.00

   f. Name and address of parent company not exist.

   g. Number of shares outstanding 700.000 stocks.

   h. Number of stockholders (Give names of those owning 10% or more of total)
About 2000 men. (the Kanegafuchi Kogyo Co. Ltd, the Kanegafuchi soda co. Ltd.) Osaka

   i. Funds received from Government (Bounties, subsides, etc.)
not received.

   j. On reverse side give outline sketch of plant layout with approximate dimensions.

ENCLOSURE (C)
The annexed paper

5. Description

a. Principal Products

1. Wartime Calcium-carbide. Acetic-acid. Aceton. Oxygen.

2. At present The same as the above and wood turpentine-oil.

3. Planned for 1946-47 Calcium-carbide. Acetic-Acid. Aceton. Oxygen. Paraldyde. Sodium-acetate. Seasoning. wood turpentine-oil.

b. Capacity

1. Wartime Calcium-carbide (1500 tons/month) Acetic-acid (200 T/m) Aceton (70 T/m) Oxygen (200 M/H)

2. At present wood Turpentine-oil (200 T/m)

3. 1946-47 (With unrestricted access to materials)

the same as (2)

c. Number of Employees

1. Wartime 600 men

2. At Present 370 men (1000 men after repairs of war damages)

3. 1946-47 (At maximum capacity) 1000 men

6. Machinery & Equipment in Plant

Description	Quantity	Condition
the annexed paper.		

7. Present stocks of Raw Materials, Supplies and Unfinished Goods

Description	Quantity	Condition
the annexed paper.		

8. Present stocks of Finished Goods

Description	Quantity	Condition
Calcium-carbide	70 tons	good.
Acetic-Acid	5 tons	good.

9. Present stocks of Fuel

Description	Quantity	Condition
Smokeless coal	5000 tons	no good.

ENCLOSURE (C)

10. Machinery & Equipment needed for maximum production 1946-47

Description	Quantity
Our maxium prodution will be possible when the repairs of damaged machinery and equipment above will be finished.	

11. Raw materials & supplies needed (Monthly)

a. For Present Capacity (5b2 above)

Description	Quantity
lime stone 3000 tons.	Coal-tar 5 tons.
quicke-silver 500 Kgs.	Caustic-soda 2 tons.
Coke 100 tons.	graphite 2 tons.
sulphuric-acid 2 tons.	pitch 5 tons.
Nitric-acid 1 tons.	

b. For Maximum (5b3 above)

Description	Quantity
the same as above (11. a)	

12. Fuel needed (Monthly) (Do not include present stocks)

Description	Quantity
coal	1.500 tons.
coke	200 tons.

13. Additional Personnel needed (Not locally available)

Special Skills	Number
needless	

14. Prices (Give current selling prices in Yen of Principal products)

Description	Unit	Price
Calcium-carbide	1 ton	¥ 1.170.00
Acetic-acid	1 ton	¥ 7.500.00
wood Turpentine-oil	1 ton	¥ 7.000.00

15. Remarks (Include here any factors hampering production not already mentioned and any recommendations you consider necessary)

nothing

ENCLOSURE (C)

16. Certification by applicant

I certify that the information contained herein is true to the best of my knowledge and belief.

Signed T. Ushida

Title Chief of the factory

17. Action by Occupation Forces

The factory described in this application has been inspected and the following action:

a. Ordered to remain closed Yes___ No___

b. Ordered to cease operations immddiately Yes___ No___

c. Authorized to produce at the following rate:

Item to be manufactured	Monthly Quantity

Signature of Authorizing Officer

Designation of Authorizing Unit

INSTRUCTIONS

1. The purpose of this form is to present a complete picture of the factory concerned.

2. If exact information is not available make estimates and mark them as such.

3. Use the reverse side of any sheet for data there is not space for on the face of the form.

4. Where capacities or quantities are given state clearly unit of measure being used.

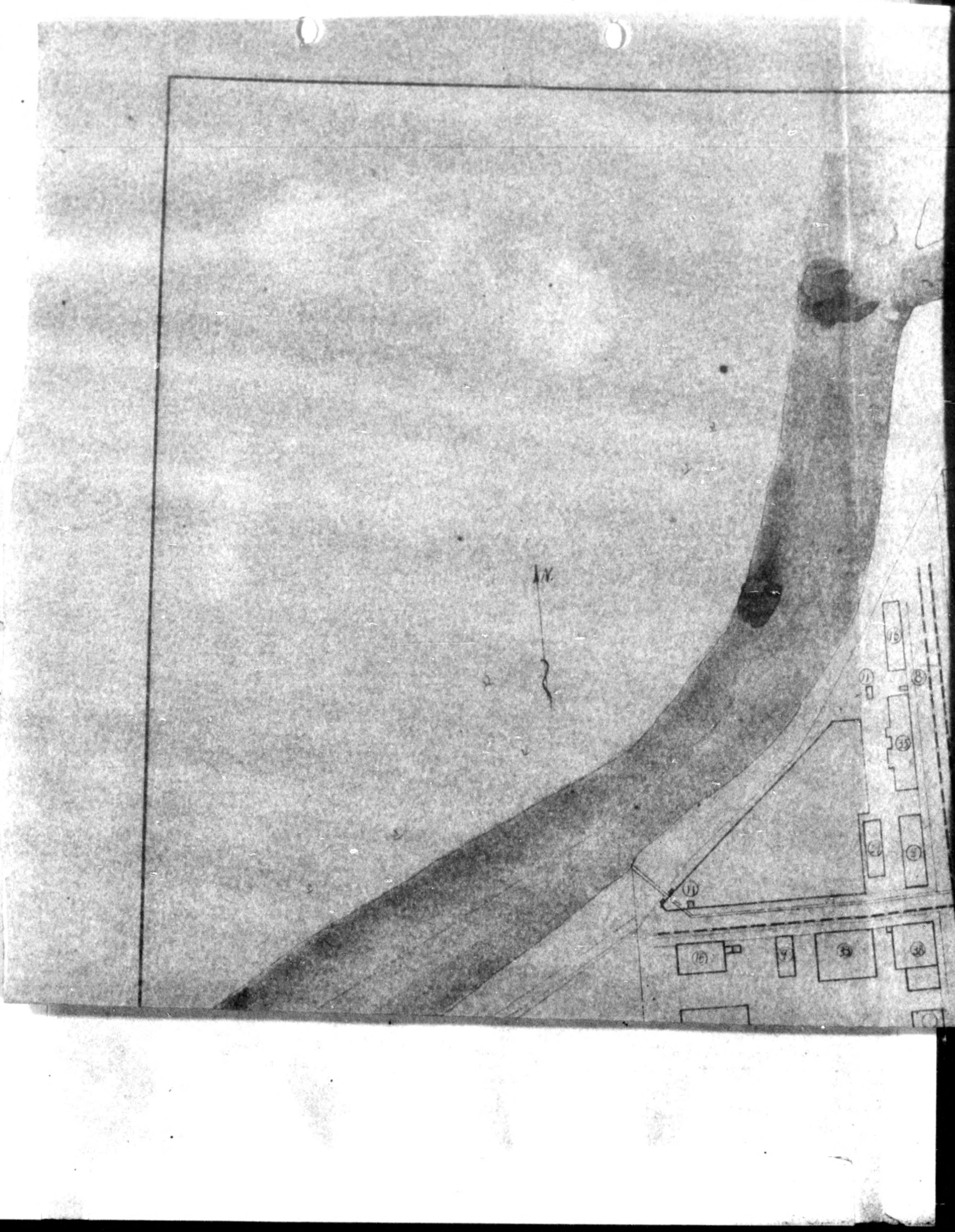
(Annexed Paper)

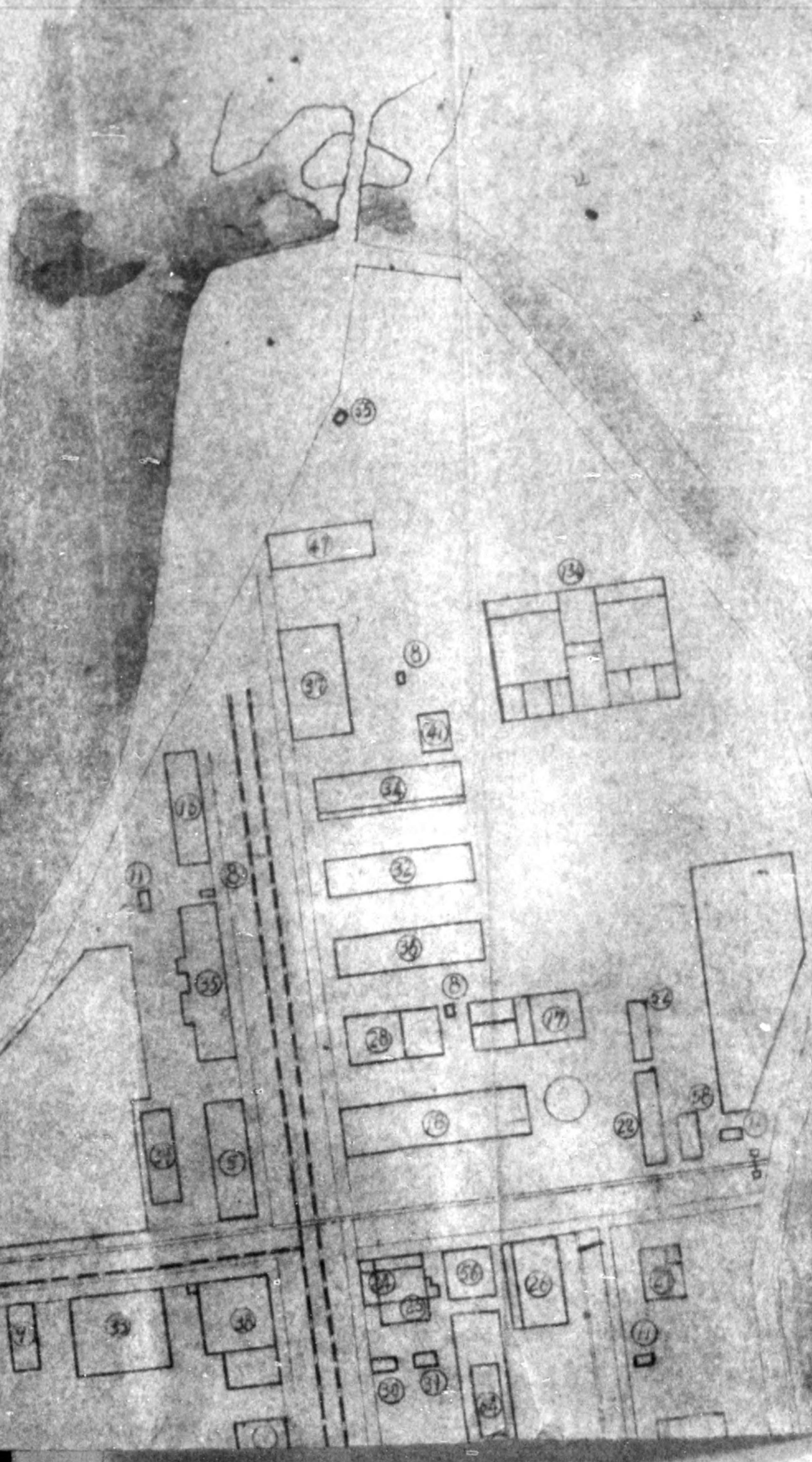
6. Machinery & Equipment in Plant.

Description	Type	Potential capacity	quantity	maker.	Use.	condition
Carbon Electrode Plants	our own design.	40 t/m	1 set.	The Ohara iron-works	For Calcium -carbide	good.
Lime stone Furnace.	the same as above	3000 t/m.	4 sets.	our own making	ditto	good.
Calcium-Carbide Producing Plant	The Fujiyama type	1500 t/m	4 sets.	The Ohara iron-works & Meidensha Co. Ltd.	For selling & producing Acetic-acid.	good.
Aceto-Aldehyde Producing Plants.	our own design.	600 t/m.	2 sets.	The Nihon Yakin Co., Ltd.	For producing acetic-Acid.	Require to repair
Acetic-Acid Producing Plants	ditto	600 t/m.	4 sets.	The Ohara iron-works, the Kumamoto iron works & own making	For selling & producing Aceton	Require to repair.
Aceton Producing Plants	ditto	70 t/m	4 sets.	The Kumamoto iron works & own making.	For solvent.	ditto
Oxygen producing Plants	Compressed air method	240 m^3/H	2 sets.	The Nihon Rika Kogyo Co., Ltd.	For selling & producing Acetic-Acid	good.

7. Presents Stocks of Raw Material, Supplies and Unfinished good.

Description	quantity	condition	
lime ston	2,000 tons	good.	
coke	70 tons	"	
coal	100 tons	"	
coal Tar	21 tons	"	
pitch	54 tons	"	
quick silver	500 Kgs.	"	
sulphuric-acid	23 tons	"	
Nitric-Acid	10 tons	"	
graphite	100 tons	"	





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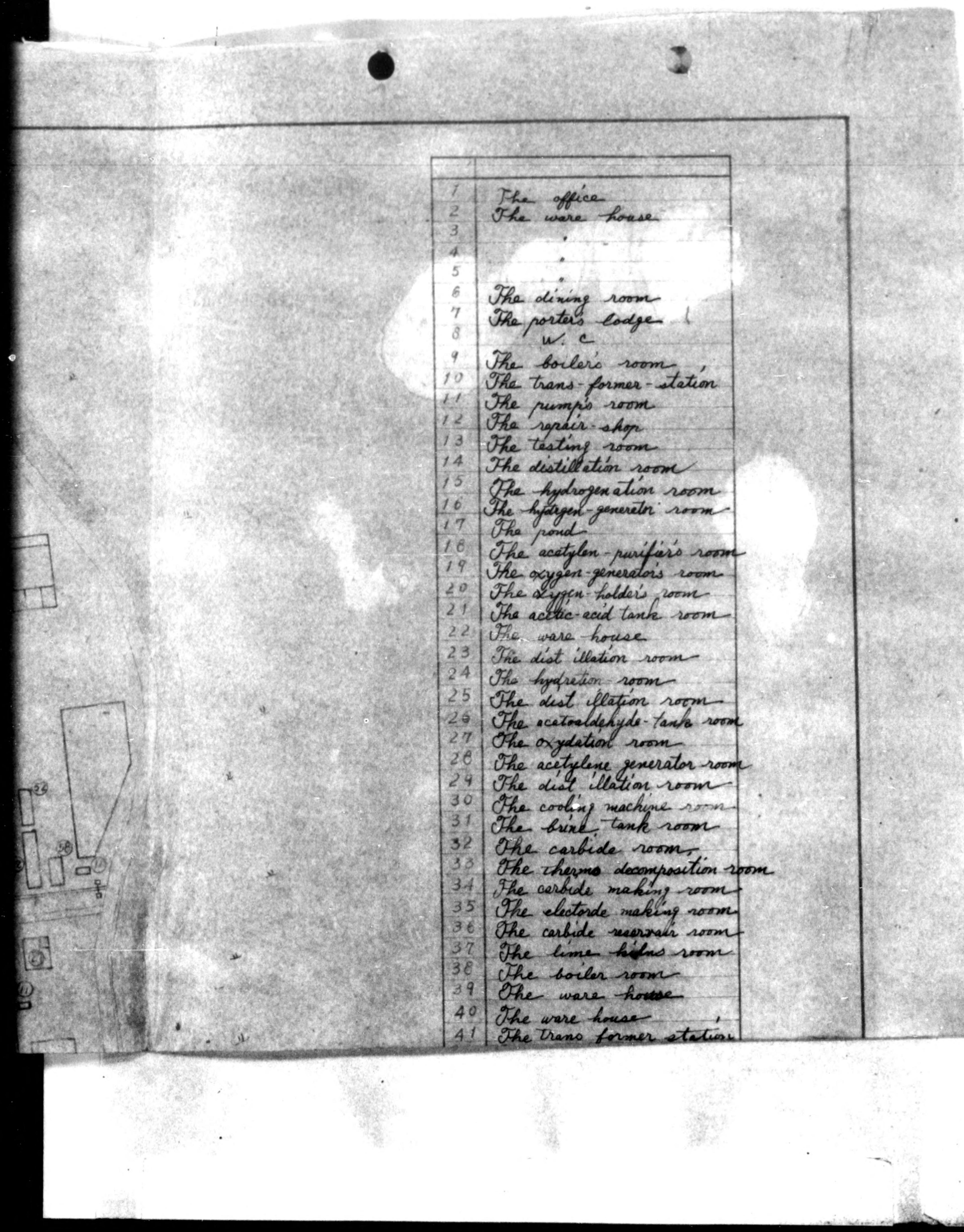

1	The office
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7	The porter's lodge
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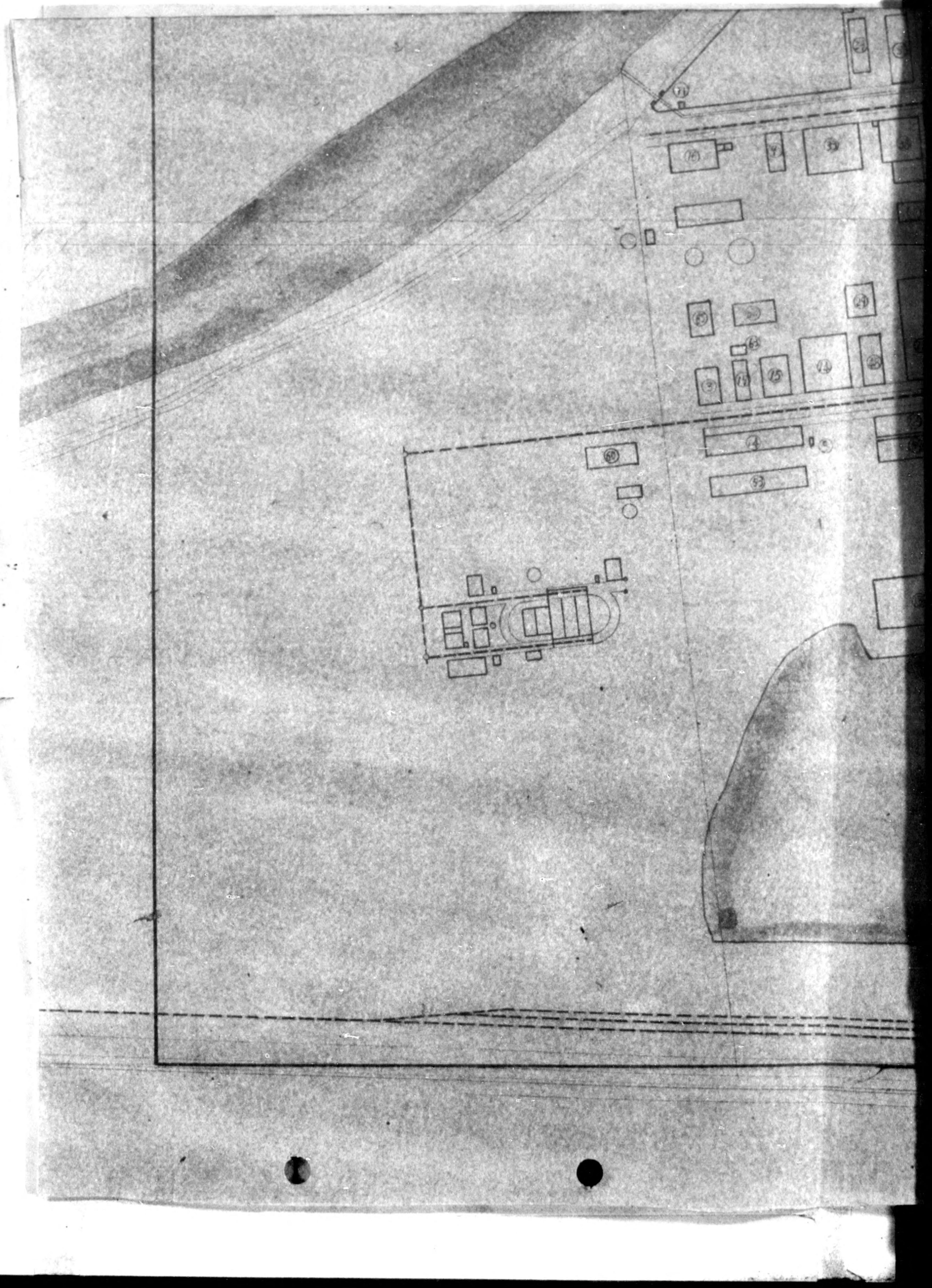
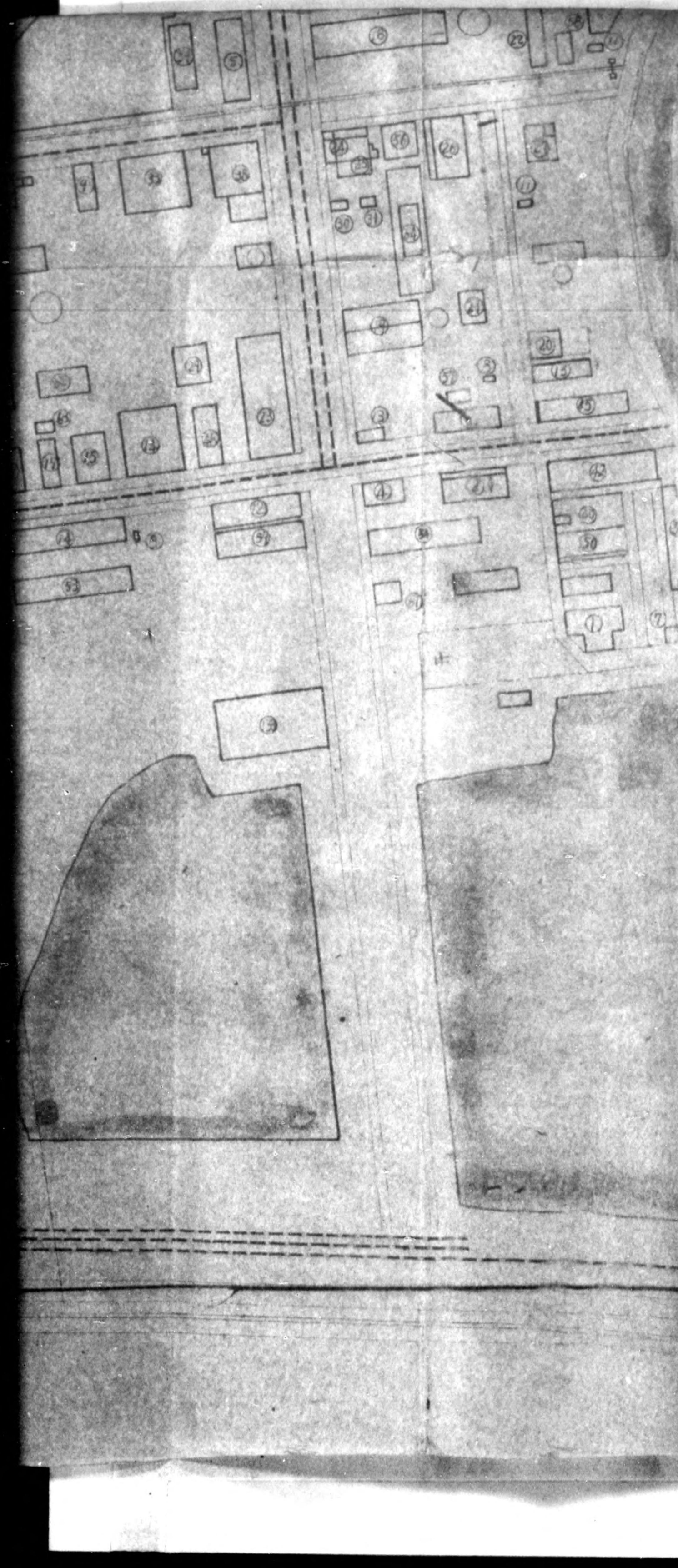
9	The boiler's room
10	The trans-former-station
11	The pump's room
12	The repair-shop
13	The testing room
14	The distillation room
15	The hydrogenation room
16	The hydrogen-generator room
17	The pond
18	The acetylen-purifier's room
19	The oxygen-generator's room
20	The oxygen-holder's room
21	The acetic-acid tank room
22	The ware house
23	The distillation room
24	The hydration room
25	The distillation room
26	The acetoaldehyde-tank room
27	The oxydation room
28	The acetylene generator room
29	The distillation room
30	The cooling machine room
31	The brine tank room
32	The carbide room.
33	The therms decomposition room
34	The carbide making room
35	The electorde making room
36	The carbide reservair room
37	The lime kilns room
38	The boiler room
39	The ware house
40	The ware house
41	The trans former station





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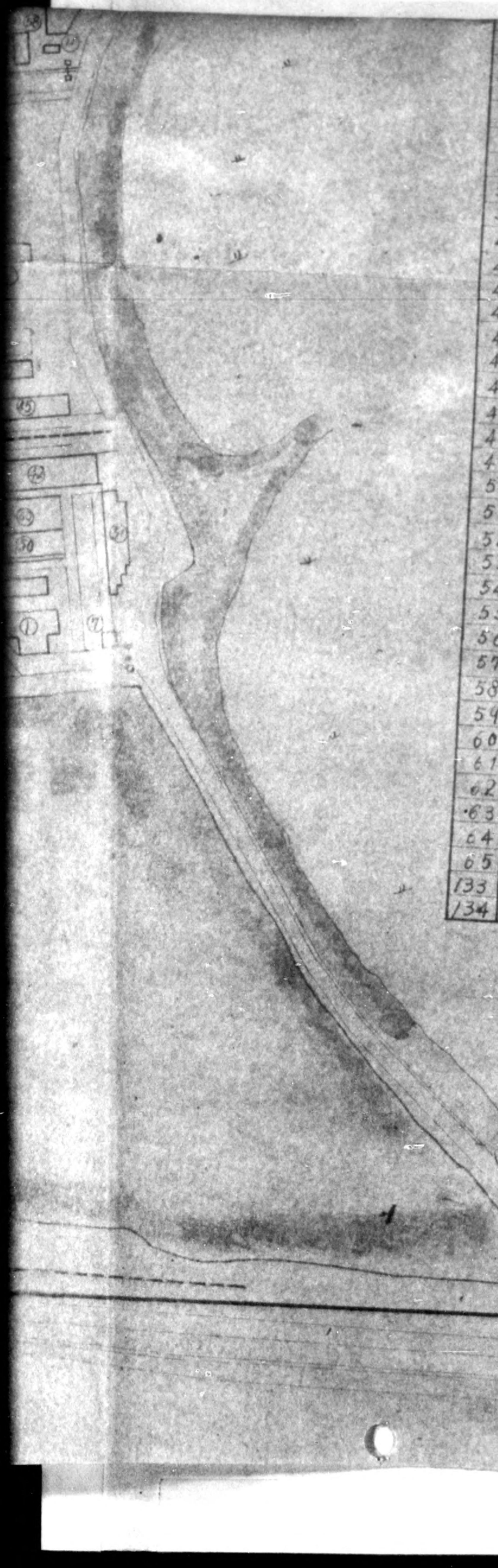

32	The brick tank room
33	The carbide room
34	The thermo decomposition room
35	The carbide making room
36	The electorde making room
37	The carbide reservoir room
38	The lime kilns room
39	The boiler room
40	The ware house
41	The trans former station
42	The ware house
43	The oxygen packing room
44	The ware house
45	
46	The briquettes making room
47	
48	The condensation room
49	The catalyser making room
50	The ~~Factory~~ Hall
51	The parking place
52	
53	
54	The ware house
55	The ware house
56	The porter's lodge
57	The cooling machine room
58	The cooking room
59	
60	
61	The wood turpentine oil making room
62	The office
63	The vacum pump room
64	The office
65	The catelyse making room
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Size 1/2000

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