Oxygen blower	3	500 cbm per hr. 10 HP	2100 1 95		12.20 1.10
Air compressor	2	1,000 HP. 3,000 cbm per hr.		finished	
Air separater (Linde)	2	1,000 cbm per hr.	1 unit 100 1 unit 80		12.30 1.20
Ammonia compressor	2	450 HP 290,000 Kcal hr.	95		12.30
Turbo blower	2	200 HP 180 cbm per hr.	100		1.10
Wet purifier	1	6,000cbm per hr.	95		1.15
Dry purifier	2	7,500 cbm per hr.	95		1.20
Gas holder	1	5,000 cbm	80		1.15
Steam boiler (temporary)	5	1.5 ton per hr.	4 unit 90 1 unit 70		12.20 1.25
Gas blower for supply	3	3,500 cbm per hr.	50		1.15
Piping to gas holder	1	380 mm ϕ	90		1.15
pipe line to Ube Kosan	2	10"12" ϕ	80		1.15
Electric power receiving station	1	5,000 KW		finished	
Machine shop				in operating	

2. Koppers' Oven gas parts

Koppers' Oven	36 chambers	300 tons of coal per day	35	4.30
Gas cooler	4		35	4.30
Theisen Washer	2	100 HP. 7,500 cbm per hr.	30	4.20
Benzine scrubber	2	3,000 x 22,500 m/m	35	4.10
Benzine recovery	1		50	3.30
Steam boiler	3	10 tons per hr.	50	4.30
Rubber belt conveyer	1	100 tons of coal per hr.	40	4.20
Water service			40	4.20

b) Employees

			At present	After operation
Staff	Clerk	male	69	75
		female	62	65
	Engineer		62	75
Workmen	male		258	405
	female		32	24
Total			479	642

c) Raw material needed to operate

i) Immediately needed

	January	February	March	April
Coke	1,100	2,900	3,600	4,600
Coal for boiler	500	980	1,090	1,050
Caustic Soda	3	3	3	3
Sodium Carbonate	10	10	10	10
Quick Lime	20	15	15	15
Liquid NH_3	0.2	0.2	0.2	0.2
Calcium Chloride	15	6	6	-

ii) After May (Koppers' Oven Operation)

	January	February	March	April
Coke	1,100	2,900	3,600	4,600
Coal for boiler	600	980	1,090	1,050
Caustic Soda	3	3	3	3
Sodium Carbonate	10	10	10	10
Quick Lime	20	15	15	15
Liquid NH_3	0.2	0.2	0.2	0.2
Calcium Chloride	15	6	6	-

ii) After May (Koppers' Oven operation)

Coal 14,000 tons per months

d) Electric Power

At the present, the restriction of electric power consumption in these districts has been enforced severery. Authorized electric power of our works is now 950 kw. and yet its consumption is limited to 5,070. Therefore we can not do trial run of the compressors which have been set.

Our repuest of electric power is 1,600 KW in December and 2,500 KW from January

e) Fund

Total estimated of reconstruction (Since 1st Sept. 1946) 72,333,823 Yen.

Loan from Fukko Kinyu Kinko -

23rd Sept.	13,000,000 Yen
18th Nov.	4,000,000 Yen
2nd Dec.	21,000,000 Yen
Total	38,000,000 Yen

f) Items which checked the construction work.

i) Bottled Oxygen

We needed 90 bottles every day but we could not get all of them by means of restriction of electric power consumption in Kushu district.

ii) Fund and Chugoku

It was too late to get.

iii) Cash

We suffer from shortage of cash.

iv) Order to maker

Each maker suffer from to get materials especially coke, coal and electric power, therefore delivery is late.

v) Transportation

It is very difficult to hire the wagon for rail way transportation and to get gasoline for motor-truck.

Plan in future

We are now planning next repair and reconstruction, and if we can receive the necessary fund and materials, we begin the work by March 1947, and will be able to complete by Nov. 1948.

These equipments are as follows :

Koppers' oven	the other 36 chambers	300 tons of coal per d
CO-Converter	1 unit	7,500 cbm per hr.
Gas Compressor	"	

power, therefore delivery is late.

v) Transportation

It is very difficult to hire the wagon for rail way transportation and to get gasoline for motor-truck.

Plan in future

We are now planning next repair and reconstruction, and if we can receive the necessary fund and materials, we begin the work by March 1947, and will be able to complete by Nov. 1947.

These equipments are as follows :

Koppers' oven	the other 36 chambers	300 tons of coal per d
CO-Converter	1 unit	7,500 cbm per hr.
Gas Compressor	2	10,000 cbm per hr.
CO_2-Scrubber	1 unit	10,000 cbm per hr.
Gas Separator	1 unit	10,000 cbm per hr.
Gas Holder	1	5,000 cbm
Gas Holder	1	3,000 cbm

Consequently, we will be able to make 12,000 cbm per hr. of Koppers' oven gas and to convert 6,000 cbm of gas per hour to 4,000 cbm of ammonia synthetic gas.

This quantity of gas corresponds to 6,000 tons of Ammonium sulfate per month, but this matter is not talked over yet with Ube Kosan Company.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. [redacted]

Teikoku Nenryo Kogyo Co. Ltd.

Ube Works.

Date : 28th Feb. 1946.

2548 Fujimagari, Ube City,
Yamaguchi Prefecture.

Subject : Report in accordance with the permission of reconversion from war production: date 26th Nov. 1945.

To : Commanding Generaj V Amphib Corpus,
Headquarter Sasebo.

1. The Faculty of manufacture at present.

Being bombed since Aug. 6th 1945, it has been reduced to zero.

2. The plan after the war.

The manufacture of the Ammonia Synthesis (150,000 Kilotons a year) is planned and now preparing.

T. Murata.
Director.

DECLASSIFIED E.O. 11652 SECTION 3 (E)(1)(2)(3) NARS NLJ

HEADQUARTERS SIXTH ARMY
Military Government Section

File: MG ~~1357~~ 127

APO 442
Date: 26 November 1945

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

TO : **Teikoku Nenryo Kogyo Company, Ltd., Ube Works.**
(Name & Address of Firm)

Fujimagari, Ube City, Yamaguchi Pref.

1. In accordance with the provisions of paragraphs 3 a and 3 b of Directive No. 3 from the Supreme Commander for the Allied Powers, dated 22 September 1945; Memorandum for the Imperial Japanese Government, Subject: Reconversion of War Production Plants to Peacetime Production, dated 28 October 1945; and under authority granted this Headquarters by CINCAFPAC Radio ZAX 6197 dated 3 October 1945, you are authorized to commence operation of your plant, and to manufacture the essential civilian commodities listed in Annex No. 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. At the end of the first month of operation, and at the end of each three-month period thereafter, until notified to the contrary by this Headquarters a report will be made to the Commanding General **V Amphib** Corps, Headquarters **Sasebo**, Attention: Military Government Section. This report will be written in English and will list each item, by name, type, and quantity produced by each factory, subsidiary, or sub-contractor operating under the provisions of this permit. 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.

File
hmh

MDC

GDS

DSL

mfm

GEORGE D. SEARS
Colonel, Infantry
Military Government Officer

Info Copies To:

GHQ, SCAP (Attn: G.E. & S. Sec)
CG **V Amphib** Corps, (Attn: MG Sec.)
Imperial Japanese Gov't
(6th Army Jap. Liaison Office, Kyoto)

1 Incl:
Annex No. 1

DECLASSIFIED E.O. 11652 SECTION 3 102/MMB NO.

HEADQUARTERS SIXTH ARMY
Military Government Section
APO 442

26 November 1945

ANNEX NO. 1.

Permission is granted to Teikoku Nenryo Kogyo Company, Ltd., Ube Works, Fujimagari, Ube City, Yamaguchi Prefecture to produce the following items listed below:

a. Sulphate of ammonia.

b. Gasoline.

c. Gas oil A-1

d. Semi-diesel oil.

e. Bunker fuel oil.

f. Tar acid.

g. Pitch.

h. Cresol.

(Nothing Follows)

D. S. LOCKIE
1st Lt. F. D.

DECLASSIFIED E.O. 12065 SECTION 3 402/NNSC NO. [illegible]

November 15, 1945

Name of factory

Ube Works, Teikoku Nenryo Kogyo Company, Ltd.

Location (Iwahana)

Fujimagari, Ube City, Yamaguchi Pref. (approx 4 Km. from Ube Chisaki,

Name of President

Motoe Takashima

Name of Manager (Ube Works)

Kanae Iwamoto

History

a. Date of construction

Foundation of Teikoku Nenryo Kogyo Company, Ltd.

January 1938

Construction of Ube Works

August 1939

b. Date of first operation

February 1942

c. Name and address of parent company

Teikoku Nenryo Kogyo Company, Ltd.

(Imperial Fuel Development Company, Ltd.)

No. 3, 6-Chome, Ginza-Nishi,

Kyobashi-ku, Tokyo

d. Names of principal stockholders* (names of those owning 10% or more of stock)

Finance Minister (Imperial Goverment) 52 %

Ube Kosan Company, Ltd. 12.2 %

e. Funds received from goverment,

Goverment ownership of stock

¥ 130,000,000 (2,600,000 shares)

¥ 90,000,000 (paid-up)

Goverment subsidies

Annual subsidy . . . . . .

Teikoku Nenryo Kogyo was very badly bombed during the war - Sangyo Kagaku was established after the war in the same site but it has probably went into bankruptcy. information furnished by Mr. Nishimura Ube Kosan."

A4 18.7-20.000

* Balance of Stock owned by over 2690 stockholders.

株式會社 帝太人造石油

DECLASSIFIED E.O. 12065 SECTION 3 402/NNDS NO.

Statement of products

a. During the war

	April 1942 ~ March 1943	April 1943 ~ March 1944	April 1944 ~ March 1945
Motor Gasoline	799 KL	1,716 KL	2,839 KL
Gas Oil A-1	103	3,246	1,435
Semi-diesel Oil	8	0	207
Bunker fuel Oil	9,504	14,291	13,939
Lubricating Oil (from rubber)	0	346	2,319
Total	10,414 KL.	19,599 KL	20,739 KL

b. Products expected to be made after reconversion

(annual production)

Sulfate of Ammonia	150,000	Tons
Motor Gasoline	1,400	KL
Gas Oil A-1	1,500	"
Semi-diesel Oil	6,000	"
Bunker fuel Oil	2,000	"
Cresol	500	Tons
Higher boiling point tar acid	500	"
Pitch	4,500	"

Capacity of plant (after Conversion)

Koppers' continuous vertical ovens	300	Tons of Coal/day x 2
Ammonia Synthetic equipments	40	Tons of NH_3 x 3
Sulfate of ammonia	480	Tons of $(NH_4)_2SO_4$ /day
Tar rofinery	60	KL of Crude tar /day

Number of employees

a. During the War

Male	1,627
Female	101
Students	199
Service	69
Korean	97

DECLASSIFIED E.O. 12065 SECTION 3-402/NNBS NO: [illegible]

Captives 0

Total 2,093

b. After reconversion

Approx. 1,000

Present stocks of raw materials on hand

Coal ca. 23,000 Tons (will be used for salt production)

Stocks of finished goods now on hand.

All finished products Burnt down

Crude Tar Approx. 800 KL

Raw materials and supplies needed to operate

a. Immediately after recommencing production

June 1946

Coke (if possible) or coalite 100 Tons/day

Sulphuric acid 50°Be 55 "

b. At full capacity

March 1947

Coal (non caking) — since Dec. 1946 — 600 Tons/day

Sulphuric acid 50°Be 580 "

Pyrite (if acid plant completed)

Amount of fuel needed monthly

Coal (Electric power stations & Boilers) 15,000 Tons/Month

Anticipated selling prices of finished products.

Sulfate of ammonia	@	¥ 385	ton
Motor Gasoline	"	¥ 400 *	KL
Gas Oil A-1	"	¥ 230 *	"
Semi-diesel Oil	"	¥ 180 *	"
Bunker fuel Oil	"	¥ 100 *	"
Cresol	"	¥ 600 *	Ton
Higher boiling point tar acid	"	¥ 500	"
Pitch	"	¥ 50	"

* These are the present official prices and we desire to be raised in future.

A4 18.7-20,000

~~樺太人造石油株式會社~~

— END —

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDS NO. [illegible]

APPLICATION FOR THE PERMISSION OF CONVERSION

TEIKOKU NENRYO KOGYO CO., LTD.

(IMPERIAL FUEL DEVELOPMENT CO., LTD.)

No. 3, 6-chome, Ginza-Nishi

Kyobashi-ku, Tokyo

T.K.N. No. 2

November 14, 1945

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDS NO. [illegible]

TEIKOKU NENRYO KOGYO CO., LTD.
(IMPERIAL FUEL DEVELOPMENT CO., LTD.)
No. 3, 6-chome, Ginza-Nishi
Kyobashi-ku, Tokyo

November 14, 1945

Head-quarters of the Sixth Army:

SUBJECT: Conversion of the Ube Works, located in Ube City, Yamaguchi Prefecture, from synthetic oil production to sulphate ammonia production.

In view of the urgent need of fertilizer for increased production of food-stuffs in Japan, the Teikoku Nenryo Kogyo Co., Ltd. (Imperial Fuel Development Co., Ltd.) desires the permission of the Sixth Army to convert our Ube Works from synthetic oil production to sulphate ammonia production in accordance with attached plans.

The Ube Works originally planned to produce sulphate ammonia as by-products of synthetic oils, and the construction of sulphate ammonia plant has been carried out in parrallel with that of synthetic oil plants, though the former was not completed yet.

We therefore think the conversion can be carried out comparatively easily and in a short period of time.

We sincerely beg your earliest consideration into this application.

Respectfully yours,

TEIKOKU NENRYO KOGYO CO., LTD.
(IMPERIAL FUEL DEVELOPMENT CO., LTD.)

M. Takashima.

M. Takashima, President

DECLASSIFIED E.O. 12065 SECTION 3 402/NNLS NO:

TEIKOKU NENRYO KOGYO CO., LTD.

UBE WORKS

Equipment in Plant.

Equipment	Capacity	Purpose of Utility	Bombing Damage	Remarks
1. Lurgi low temp. Carbonizer	300 x 4 ts/d ts of coal/d	not used		Cooler, scrubbers, Gasoline recovery & boilers are utilized for Koppers' oven
2. Coal & coke handling equipment for Lurgi carbonizer	200 ts of coke/d 150 ts/d	not used		
3. Koppers' continuous vertical oven	300 x 2	Gas making for synthesis of ammonia	70%	
4. Gas refinery for Koppers'oven	ts/d	Synthesis of Ammonia	90%	
5. Gas Producer	25 x 7 ts/d	Oven heating	90%	
6. Water Gas Generator	50 x 2	Gas making for synthesis of Ammonia		Under construction
7. CO-Convertor	7,500 cbm/h x 2	Synthesis of Ammonia	70%	Under construction
8. CO_2 Scrubber		Synthesis of Ammonia	40%	
9. Gas Separator	100,000 cbm/h x 2	Synthesis of Ammonia		Under construction
10. Air Separator	3,000 cbm/h x 2	Synthesis of Ammonia		
11. Synthetic Ammonia equipment	ts of NH_3/d 40 x 3	Sulphate Ammonia	10%	Under construction
12. Hydro-cracking equipment	4 KL/H x 2	not used		Vessels, Compressors, Pumps & Boosters are utilized for synthetic Ammonia equipment

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDS NO.

13.	Methanol synthesis equipment	15,000 kl/year	not used		Compressor and booster are utilized for synthetic ammonia equipment.
14.	Saturator, centrifuge and dryer	loo ts/d x 4	Sulfate Ammonia	70%	under construction.
15.	Tar refinery		Tar products	90%	
16.	Electric power station	15,000 KVA x 2		70%	

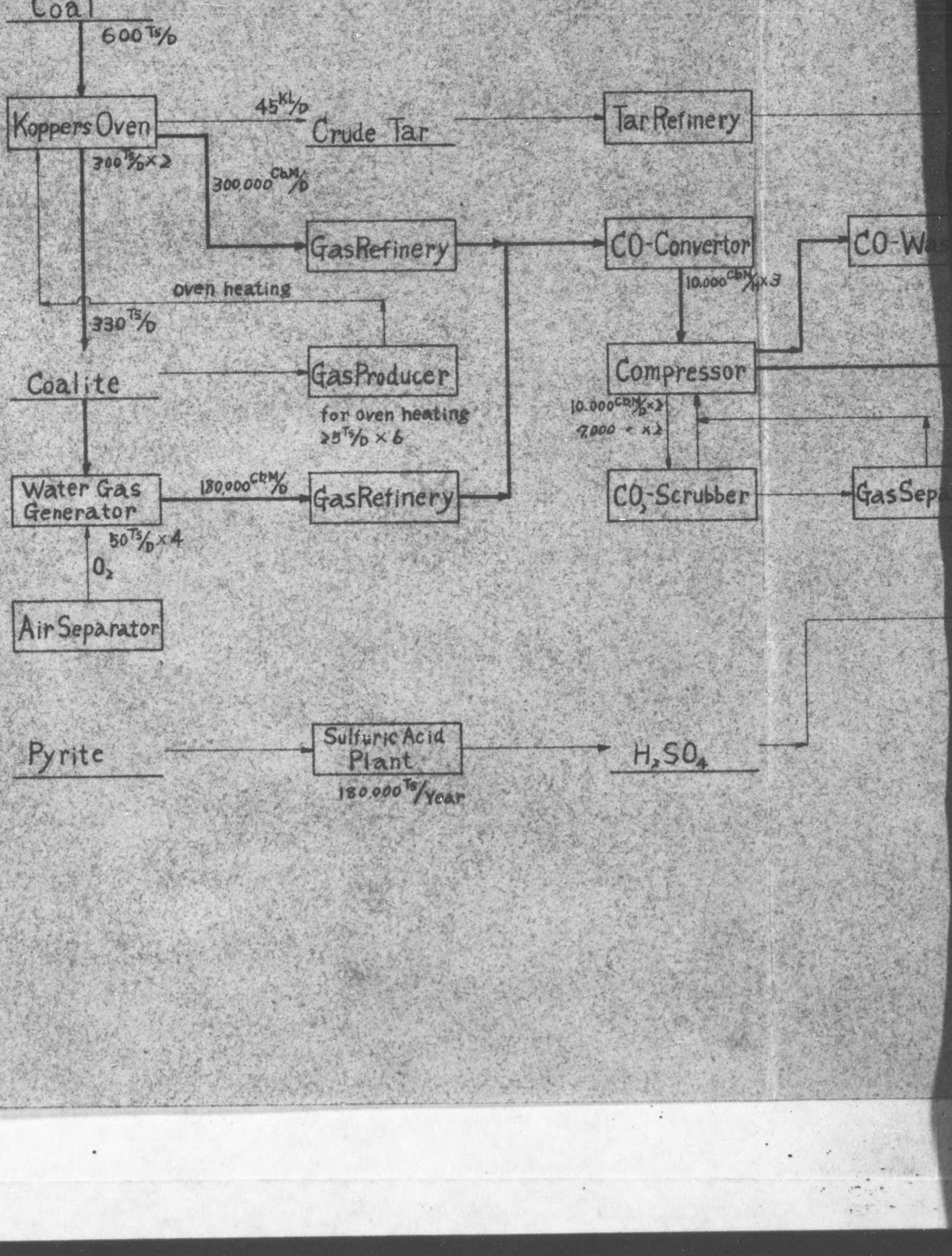
New Erection

	Equipment	Capacity
1.	Water gas generator	50 ts/d x 2
2.	Oxygen seperator	3,000 cb.m of air
3.	Synthetic Ammonia equipment	40 ts of NH_3/d x 2
4.	CO washing equipment	6,000 cb.m of gas /H x 1

The End

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDS NO.

FLOW SHEET of UBE WO



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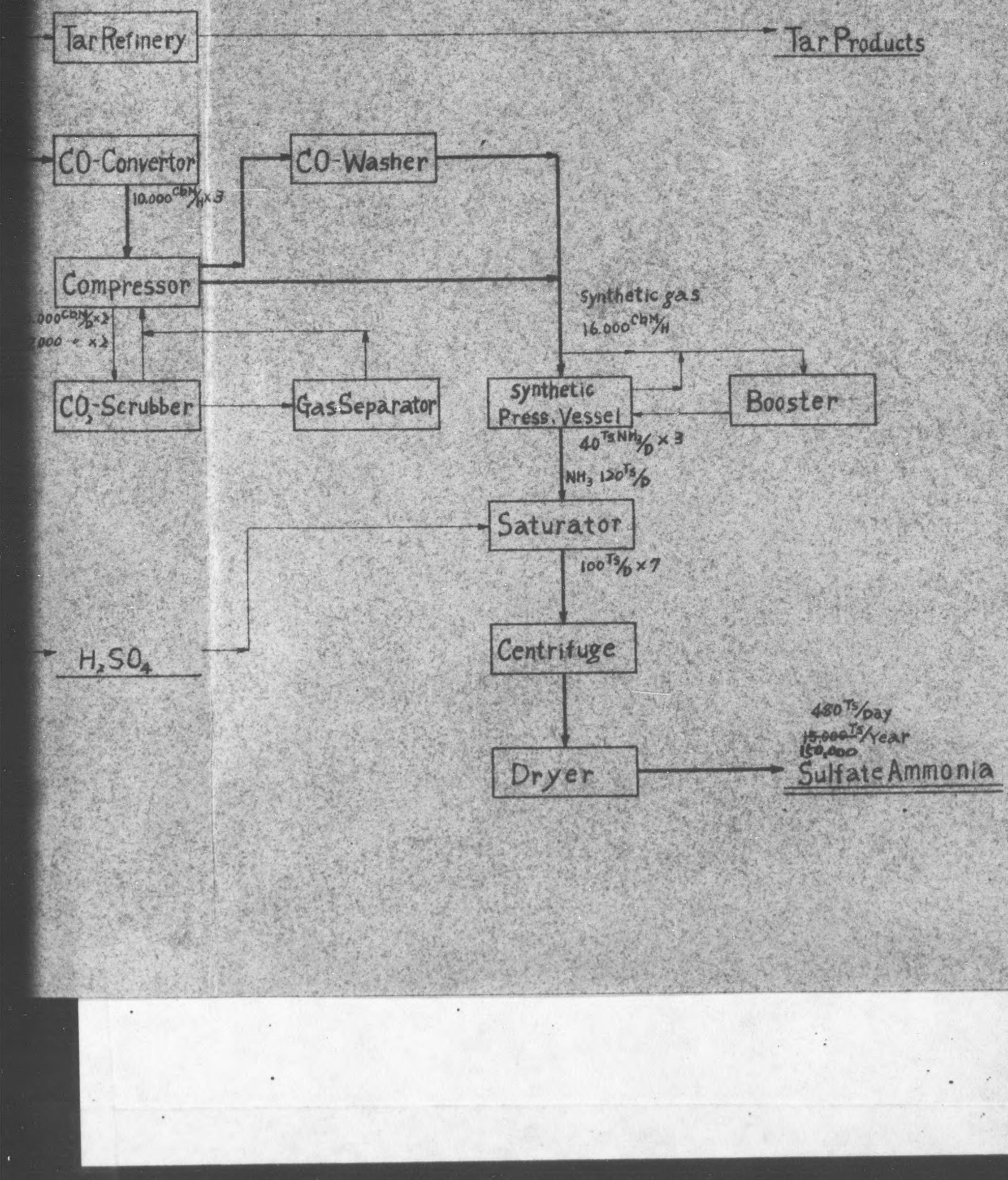
SHEET of UBE WORKS

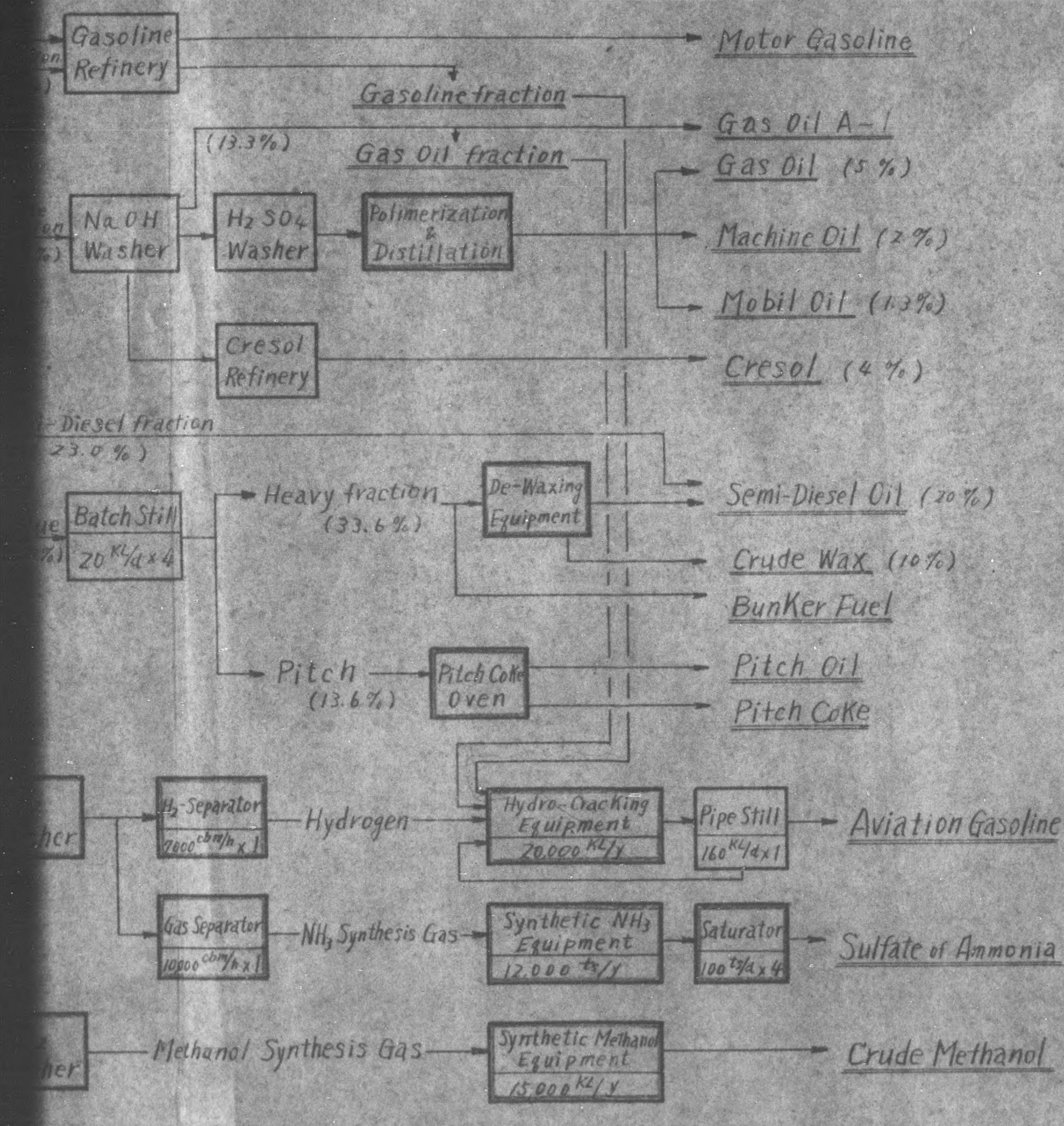


DECLASSIFIED E.O. 12065 SECTION 3 (b), NARS DATE

FLOW SHEET of UBE

DECLASSIFIED E.O. 11652 SECTION 3 (E)(1)(iii) NLJ

ET of UBE WORKS



DECLASSIFIED E.O. 11652 SECTION 3 (E)(2) NARS DATE

Name of Company	Teikoku Nenryō Kōgyō Co	
Capital	250,000,000 YEN 200,000,000 YEN	Number of Share
Date of Establishment	January. 1938	
Rate of Control by Teikokunenryo K.K		
Amount of Accomodation from Teikokunenryo K.K		
Name of Plant	Ube Works	Naibuchi Work
Location	Ube Yamaguchi Pref.	Naibuchi S. Sagha
Designed Capacity	Crude Tar 60,000 KL/Year	Crude Tar 50,000 KL/Y
Type of Feed Stock	Ube Brown Coal	Naibuchi Coal
Situation, Dec. 1941	Under Construction	Under Construc
Production, Dec. 1941	Non	Non.
Date of Operation began	February 1942	April. 1943
Major Production Equipment	a) Lurgi Low Temp Carbonizer Tons of Coal/Day 300 x 6 b) Koppers' Continuous Vertical Oven Tons of Coal 300 x 2 c) Tar Refinery Pipe Still 320 KL/Day x 1 160 KL/Day x 1 d) Hydro Cracking Equipment 20000 KL/Year (Treatment) e) Synthetic Methanol Equipment 15,000 KL/Year f) Synthetic Ammonia Equipment Tons of Ammonium	a) Lurgi Low T Carbonizer Tons of Coal /D 300 x 4 200 x 4 b) Tar Refinery Pipe Still 200 KL/Day x 2 c) Naibuchi Coal 1,000,000 Tons/Yea d) Electric Power Station 3,000 & 7000 K e) Rail Way Between Otani Naibuchi 17 Miles Lurgi L.T. Carbon 300 Tons x 2, 200 Ton

DECLASSIFIED E.O. 12065 SECTION 3 NLJ/NND 63

Teikoku Nenryō Kōgyō Company Ltd.	Nippn Jinzō Sekiyu
250,000,000 YEN 200 000 000 YEN Number of Share Cirtificate 5,000,000	150,000,000 YEN N
January, 1938	December, 1938
	76,000,000 YEN 52
	205050000 YEN

Ube Works	Naibuchi Works	Naihoro. Works	Miike Works	Amag
Ube, Yamaguchi Pref.	Naibuchi S. Saghalien	Naihoro S. Saghalien	Ōmuta, Fukuoka Pref.	Amag
Crude Tar 60,000 KL/Year	Crude Tar 50,000 KL/Year	Crude Tar 20,000 KL/Year	Synthetic Crude Oil 40,000 KL/Year	Synthe
Ube Brown Coal	Naibuchi Coal	Naihoro Coal	Miike Coal	Coke Amaga
Under Construction	Under Construction	Completed	Completed	Under
Non	Non.			Non
February 1942	April. 1943	August 1937	September 1940	Septe
a) Lurgi Low Temp. Carbonizer Tons of Coal/day 300 × 6 b) Koppers' Continuous Vertical Oven Tons of Coal 300 × 2 c) Tar Retinery Pipe Still 320 KL/Day × 1 160 KL/Day × 1 d) Hydro Cracking Equipment 20000 KL/Year (Treatment) e) Synthetic Methanol Equipment 15,000 KL/Year f) Synthetic Ammonia Equipment Tons of Ammonium 50,000 Sulfate/	a) Lurgi Low Temp. Carbonizer Tons of Coal/day 300 × 4 200 × 4 b) Tar Retinery Pipe Still 200 KL/Day × 2 c) Naibuchi Coal Mine 1,000000 Tons/Year d) Electric Power Station 3,000 & 7000 KVA e) Rail Way Between Otani Naibuchi 17 Miles Lurgi L.T. Carbonizer 300 Tons × 2, 200 Tons × 2	a) Lurgi Low Temp. Carbonizer Tons of Coal/day 200 × 4 b) Tar Refinery 150 KL/day c) Naihoro Coal Mine 400,000 Tons/Year d) Electric Power Station 3,000 KVA e) Rail Way Between Honto - Naihoro 12 Miles	a) Coke Oven 50 Chambers 650 Tons of Coal/day b) Water Gas Generator Tons of Coke 100 × 5 c) Methane Cracking Equipment CbM/day 96,000 × 2 d) Gas Refinery e) Fischer's Synthetic Petroleum Equip. 54 Contact Ovens 50 KL/day f) Condensing & Distillation Equip g) Catalyser Manufact Equipment 1 Ton of Cobalt/day	a) Wat 10 b) Met Equ 9 c) Gas d) Fis Pet 2 e) Cond Dist

DECLASSIFIED E.O. 12065 SECTION 3 (E)(1)(iii) NLN

	Nippn Jinzō Sekiyu Company Ltd.			Nissan Ekitai Nenryō Company Ltd
	150,000,000 YEN Number of Share Cirtificate 3000000			25,000,000 YEN (500,000) 20,000,000 YEN (Paid up)
	December 1938			Febrary 1939
	76,000,000 YEN 52%			12,500,000 YEN 50% 10,000,000 YEN (Paid up)
	205,050,000 YEN			15,000,000 YEN
orks	Mike Works	Amagasaki Works	Takikawa Works	Wakamatsu Works
chalien	Ōmuta, Fukuoka Pref.	Amagasaki Hyogo Pref	Takikawa Hokkaidō	Wakamatsu Fukuoka Pref
/Year	Synthetic Crude Oil 40,000 KL/Year	Synthetic Crude Oil 40,000 KL/Year	Syninetic Crude Oil 66,000 KL/Year	Crude Tar 32,000 KL/Year
al	Mike Coal	Coke Coal, Gas from Amagasaki Steel Works	Yubari, Sonagawa & Mikasa Coal	Takamatsu, Ōtsuji & Nakazaki Coal
	Completed	Under Construction	Under Construction	Part Operated
		Non	Non	
r	September 1940	September 1943	December 1942	April 1941
Temp. /day ry y Mine Tons/Year ver onto lles	a) Coke Oven 50 Chambers 650 Tons of Coal/day b) Water Gas Generator Tons of Coke 100 x 5 c) Methane Cracking Equipment CbM/day 96000 x 2 d) Gas Refinery e) Fischers Synthetic Petroleum Equip. 54 Contact Ovens 50 KL/Day f) Condensing & Distillation Equip g) Catalyser Manufact Equipment 1 Ton of Cobalt/day	a) Water Gas Generator 100 Tons of Coke/day x 3 b) Methane Cracking Equipment 96000 CbM/day x 2 c) Gas Refinery d) Fischers Synthetic Petroleum Equip. 24 Contact Ovens e) Condensing & Distillation Equip.	a) Coke Oven 40 Chambers 650 Tons of Coal/day b) Water Gas Generator 100 Tons of Coke x 5 c) Methan Cracking Equipment 96000 CbM/day d) Gas Refinery e) Fischers Synthetic Petroleum Equip 36 Double Tube Ovens 32 Single Tube Ovens 50 KL/Day f) Condensing & Distillation Equip. g) Catalyser Manufaturing Equipment 0.5 Tons Iron/Day h) Synthetic Methanol Equipment	a) Lurgi Low Temp Carbonizer 300 Tons of Coal/day x 4 b) Gasoline Recovery c) Batch Still d) Dewaxing Equip. e) Cresol Recovery (b) (c) (d) & (e) not Completed

DECLASSIFIED E.O. 12065 SECTION 3 402/MMB NO.

	Nissan Ekitai Nenryō Company Ltd	Nippon Yuka Kōgyō Company Ltd		Chōsen Company
Cirtificate 000000	25,000,000 YEN (500,000) 20,000,000 YEN (Paid up)	10,000,000 YEN Number of Share Cirtificate 200,000		9000000
	Febrary 1939	January 1938		March
	12,500,000 YEN 50% 10,000,000 YEN (Paid up)	5,000,000 YEN 50%		45,00000
	15000,000 YEN	4600,000 YEN		512000
Takikawa Works	Wakamatsu Works	Kawasaki Works	Sarachi Works	Agochi
Takikawa Hokkaidō	Wakamatsu Fukuoka Pref	Kawasaki, Kanagawa Pref	Hyogoni Hokkaido	Agochi
Syntnetic Crude Oil 66000 KL/year	Crude Tar 32,000 KL/year	Crude Tar 10000 KL Treatment 10000 KL	Crude Tar 12,000 KL	
Yubari Sunagawa & Mijii Coal	Takamatsu, Otsuji & Nabatake Coal	Yubari Sunagawa Coal Kerosene (Sunagawa)	Mojii Yubari & Sunagawa Coal	Agochi B
Under Construction	Part Operated	Hydrogenation Operated	——	Operate
Non		About 300 KL	Non	C
December 1942	April 1941	December 1939	Under Construction	
a) Coke Oven 40 Chambers 650 Tons of Coal/day b) Water Gas Generator 100 Tons of Coke x 5 c) Methan Cracking Equipment 96000 CbM/day d) Gas Refinery e) Fischer's Synthetic Petroleum Equip. 36 Double Tube Ovens 32 Single Tube Ovens 50 KL/Day f) Condensing & Distillation Equip. g) Catalyser Manufaturing Equipment 0.5 Tons Iron/Day h) Synthetic Methanol Equipment	a) Lurgi Low Temp. Carbonizer 300 Tons of Coal/day x 4 b) Gasoline Recovery c) Batch Still d) Dewaxing Equip. e) Cresol Recovery (b) (c) (d) & (e) not Completed	a) Knowles' Oven 7.5 Tons of Coal x 30 b) Tar Refinery c) Hydro-Cracking Equipment 2 KL/H Charge	a) Knowles' Oven 12 Tons of Coal x 120 b) Tar Refinery	(D) Agoc 10 b) Luig Carb 15 c) Tar H 120 d) Gas 200 e) Oxyge 200 f) CO - C g) Synth Equip 40 (Conver -Crac 4 Sets

DECLASSIFIED E.O. 11905 SECTION 3 (E)(2) NLE NO.

gyō Company Ltd.	Chōsen Jinzō Sekiyu Company Ltd	Manshu Gōsei Nenryo Company Ltd	Manshu Jinzō Sekiyu C
umber of Share Cirtificate 200,000	90000000 YEN NO. of S.C 1800000	100,000,000 YEN (Paid up) 90,000,000 YEN	50000000 YEN Number of
38	March. 1935	December 1937	June 1943
50%	45000000 YEN 50%	26,000,000 YEN 26% (Paid up)	17,500,000 YEN 35%
	51200000 YEN	16,000,000 YEN	Non
s Sorachi Works	Agochi Works	Chinchu Works	Fushun Works
ef Hokkaido	Agochi Korea	Chinchu Manchuria	Fushun Manchuria
Crude Tar 42,500 KL		Synthetic Crude Oil 40,000 KL/Year	5,000 KL/Year (Treatment)
Mojiri Yubari & Sunagawa Coal	Agochi Brown Coal	Jyhō Coal	Kerosene
rated —	Operated	Under Construction	Completed
Non		Non	
Under Construction		April 1943	April 1939
a) Knowles' Oven 12 Tons of Coal × 120 b) Tar Refinery	a) Agochi Coal Mine 1000000 Tons/Year b) Lurgi Low Temp. Carbonizer 150 Tons of Coal/Day × 10 c) Tar Pipe Still 120 KL/Day × 3 d) Gas Producer 200 Tons of Coal/Day × 6 e) Oxygen Separator 2000 CbM/H × 5 f) CO-Convertor g) Synthetic Methanol Equipment 40 KL/Day × 4 (Converted from Hydro-Cracking Equip) 4 Sets in (b) & 2 Sets	a) Didier Type Gas Plant 750 Tons of Coal/Day b) Gas Purifier c) Fischers' Synthetic Petroleum Equip 46 Contact Ovens d) Condensing & Distillation Equip. e) Cracking & Polimeri-sation Equip	a) Water Gas Generator 30 Tons × 3 b) Compressor 1200 CbM/H × 4, 600 " × 4 c) Gas Separator 3500 CbM/H × 3 d) Hydro Cracking Equipment Liq. phase 4 KL/H × 1, Vap. phase 2 KL/H × 2 e) Pipe Still 120 KL/Day × 1

DECLASSIFIED E.O. 12065 SECTION 3 (E)(2), MR 96-1

1st November 1945

shū Jinzō Sekiyu Company Ltd	Remarks
000,000 YEN Number of Share Certificate 1,000,000	
une 1943	
7,500,000 YEN 35%	Kitsurin Jinzo Sekiyu Comp. Ltd (Under Liquidation) 52,500,000 YEN (35%) Total 234,500,000 YEN (40.8%) 228,800,000 YEN (Paid up)
on	
shun Works / Chielin Works	Accomodation Total 291,850,000 YEN
shun Manchuria / Chielin Manchuria	
000 KL/year (Treatment) / Crude Methanole 50000 KL/year Tard Syn Oil 3000 "/year	
rosene / Fuchin Coal	
mpleted / Under Construction	
/ Non	
pril 1939 / Under Construction	
Water Gas Generator 30 Tons x 3 Compressor 1200 Cb.M/H x 4 600 " x 4 Gas Separator 3500 Cb.M/H x 3 Hydro-Cracking Equipment Liq. phase 4 KL/H x 1 Vap. phase 2 KL/H x 2) Pipe Still 120 KL/day x 1	a) Lurgi Low Temp. Carbonizer 150 Tons of Coal/day x 4 b) Water Gas Generator 15000 Cb.M x 2 c) Oxygen Separator 3000 Cb.M of O2/H x 2 2000 x 2 d) Synthetic Methanole Equip 10000 KL/Year x 6 e) Tar Refinery f) Fischer's Synthetic Petrol 1,000 KL/Year g) Electric Power Station

DECLASSIFIED E.O. 12065 SECTION 3 (E)(1)(2) NND NO.

		20000 KL/Year (Treatment) e) Synthetic Methanol Equipment 15,000 KL/Year f) Synthetic Ammonia Equipment Tons of Ammonium Sulfate 50000 /Year g) Electric Power Station 15000 KVA x 2 2 Lurgi L.T. Carbonizer (d) (e) & (f) ... Under Construction	5,000 x 1000 e) Rail Way Between Otani Naibuchi 17 Miles Lurgi L.T. Carbonizer 300 Tons x 2, 200 Tons x 2 (b) d 7000 KVA E.P.S Under Construction
Damage by Air Raids in %		80 %	Indistinct
from April 1942 to March 1943 Production.	Aviation Gasoline	KL	
	Motor Gasoline	KL 799	
	Gas Oil A-1	KL 103	
	Gas Oil B-1	KL	
	Gas Oil B-2	KL	
	Gas Oil B-3	KL	
	Semi-Diesel Oil	KL 8	
	Bunker Fuel Oil	KL 9,504	
	Total	KL 10,414	——
April 1943 March 1944 Production.	Aviation Gasoline	KL	
	Motor Gasoline	KL 1,716	305
	Gas Oil A-1	KL 3,246	
	Gas Oil B-1	KL	
	Gas Oil B-2	KL	
	Gas Oil B-3	KL	
	Semi-Diesel Oil	KL	
	Bunker Fuel Oil	KL 14,291	3,732
	Lubricating Oil	KL 346	
	Total	KL 19,599	4,037
1944 1945	Aviation Gasoline	KL	
	Motor Gasoline	KL	

DECLASSIFIED E.O. 12065 SECTION 3 402/MNSC NO:

	3,000 × 1000 e) Rail Way Between Otani Naibuchi 17 Miles Lurgi L.T. Carbonizer 300 Tons×2, 200 Tons×2 (b) d 7000 KVA E.P.S Under Construction	Between Horo – Naihoro 12 Miles	54 Contact Ovens 50 KL/Day f) Condensing & Distillation Equip g) Catalyser Manufact Equipment 1 Ton of Cobalt/day 9 Ton of Iron/day h) Cracking & Polymerisa -tion Equipment 1,000 KL/Month	Distillation Equip.	f) g) h) i)
	Indistinct	Indistinct	30%	100%	
		2559	6696		
		2132			
			2549		
		8285			
		2399			
	—	15375	9245	—	
			363		
	305	2828	9789	9	
		2348			
			3660	91	
		9830			
	3732	2916			
	4037	17922	13812	100	
			241		

DECLASSIFIED E.O. 12065 SECTION 3 402/NNSG NO. [illegible]

ion Equip.	50 KL/Day f) Condensing & Distillation Equip. g) Catalyser Manufacturing Equipment 0.5 Tons Iron/Day h) Synthetic Methanol Equipment 10000 KL/Year i) Knowles Coke Oven 12 Tons/Day x 15 (h) & (i) Under Construction			
	Nothing	10%	75%	Nothing
	1.496	1.442		
			848	
	60			
		8349	1.825	
—	1.556	9.791	2.673	—
9	1317	2.037	473	
91				
	204	1.025		
	50	13848	4389	
100	1.601	16930	4434	

DECLASSIFIED E.O. 12065 SECTION 3 402/NNSC NO.

			e) Pipe Still 120 KL/day x 1	e)
				f)
	i) CO - Convertor g) Synthetic Methanol Equipment 40 KL/day x 4 (Converted from Hydro - Cracking Equip 4 Sets in (b) & 2 Sets in (g) -- Under Construction			g)
	Nothing	Indistinct	Indistinct	Indistinct
				150
		662		621
		2023		
		2354		
		1,001		
	—	6,040	—	771
		3,522		
		2247		
		3,933		
	—	10,477	—	
				155

DECLASSIFIED E.O. 11652 SECTION 3 (E)(1)(2) NND 963

pe Still 120 KL/bay x 1	10000 x 6 e) Tar Refinery f) Fischer's Synthetic Petrol 1,000 KL/Year g) Electric Power Station 9000 KW x 2 All Equipments Under Construction Except 2 Lurgi Carbonizer	
distinct	Indistinct	
150		Production of Other Company (except Manchuria) KL Ube Kōsan 11853 Tōhō Kagaku Kōgyō 1409 Nippon Seitetsu 2865 Tōkyō Gas Kagaku 785 Nippon Chiiso 4625 21537
621		Production of Interest Company (except Manchuria) KL 55100
771		Production of Other Company (except Manchuria) KL Ube Kosan 9417 Nippon Seitetsu 3013 Tōhō Kagaku Kogyō 1814 Nippon Chiiso 3763 Nippon Sekiyu 3528 Showa Sekiyu 1166 Toa Nenryō Kogyo 75 22061
		Production of Interest Company (except Manchuria) KL 88912
155		Production of Other Company (except Manchuria)

DECLASSIFIED E.O. 11652 SECTION 3 (E)(1)(2) NND 947

Production from April to March	Gas Oil A-1	KL	3246	
	Gas Oil B-1	KL		
	Gas Oil B-2	KL		
	Gas Oil B-3	KL		
	Semi-Diesel Oil	KL		
	Bunker Fuel Oil	KL	14291	3732
	Lubricating Oil	KL	346	
	Total	KL	19599	4037
Production from April 1944 to March 1945	Aviation Gasoline	KL		
	Motor Gasoline	KL	2839	1041
	Gas Oil A-1	KL	1435	
	Gas Oil B-1	KL		
	Gas Oil B-2	KL		
	Gas Oil B-3	KL		
	Semi-Diesel Oil	KL	207	
	Bunker Fuel Oil	KL	13939	15851
	Lubricating Oil	KL	2319	
	Total	KL	20739	16892

Specification for "Synthetic Oil"

DECLASSIFIED - E.O. 11652 - SECTION 3 (E) AND (J)

	2348		
		3,660	91
	0830		
3732	2916		
4037	17,922	13,812	100
		241	
1041	2,190	5,674	
	1,787		
		1,434	109
		329	
		1,798	
	6588	313	
15851	1,601		
16892	12,166	9,789	109

Motor gasoline

Synthetic oil

Reaction	Neutral
Fractionation	
10% point	< 110°C
50% point	< 160°C
90% point	< 210°C
97% point	< 225°C
Sulphur content	< 0,30%

9	1341	2,037	
91			
	204	1,025	
	50	13,848	4389
100	1,601	16930	4434
	3968	1,804	
109	470		
	759		
	765	2,127	
		17,400	
109	5,962	21,331	—

tral.
10°C
60°C
10°C
25°C
0.30%

Gas oil

Tests / Kinds	Reaction	Fractionation 75% point	Flash point (°C)	Viscosity by Redwood sec. at 30°C	Freezing point (°C) In warmer season	Freezing point (°C) In the cold season	Residual carbons (%)	ash (%)	Sulf
Gas oil A-1	Neutral	< 340°C	> 50	—	—	—	—	—	—
" B-1	"	< 300°C	> 50	25~45	< 0	< -5	< 0.5	< 0.05	< 1
" B-2	"	< 350°C	> 65	30~55	< 0	< -10	< 0.5	< 0.05	< 1
" B-3	"	< 350°C	> 65	30~65	< 0	< -10	< 0.5	< 0.05	< 1

Colour. — Slight yellow or brownish black and transpa
Water and deposits — Nil.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NS.

	3522		
	2247		
	3923		
—	10477	—	
			155
	221		536
	3255		
	8404		
—	11880	—	691

Semi Diesel oil and Bunker Fuel

Tests / Kinds	Reaction	Flash point (°C)	Viscosity by Redwood sec. at 50°C	Freezing point (°C)
Semi-Diesel oil.	Neutral.	> 50	< 100	< 15
Bunker Fuel oil.	"	> 60	< 1000	—
Colour — Brown or brownish black Deposits — Nil.				

esh. (%)	Sulphur (%)	Cetane Number
—	—	—
0.05	< 1.0	> 70
0.05	< 1.0	> 55
0.05	< 1.0	> 40
transeparent.		

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDS NO.

Ube Kosan	9 4 1 7
Nippon Seitetsu	3 0 1 8
Toho Kayaku Kogyo	1 8 1 4
Nippon Chiiso	3 7 6 3
Nippon Sekiyu	3 5 2 8
Showa Sekiyu	1 1 6 6
Toa Nenryo Kogyo	7 5
	2 2 0 6 1

Production of Interest Company (except Manchuria)

KL

8 8,9 1 2

Production of Outer Company (except Manchuria)

KL

Ube Kōsan	1 0 8 1 5
Nippon Seitetsu	2 4 8 8
Tohō Kagaku Kōgyō	3 0 2
Nippon Sekiyu	1 0 0 6 9
Shōwa Sekiyu	1 9 6 7
Tōa Nenryo Kōgyō	9 0 0 0
Nippon Yushi	6 0
Nippon Chiiso	9 1 7
	3 5 6 1 8

Production of Teikoku Nenryo & its Interest Company (except Manchoria)

KL

9 8,8 6 8

155

536

691

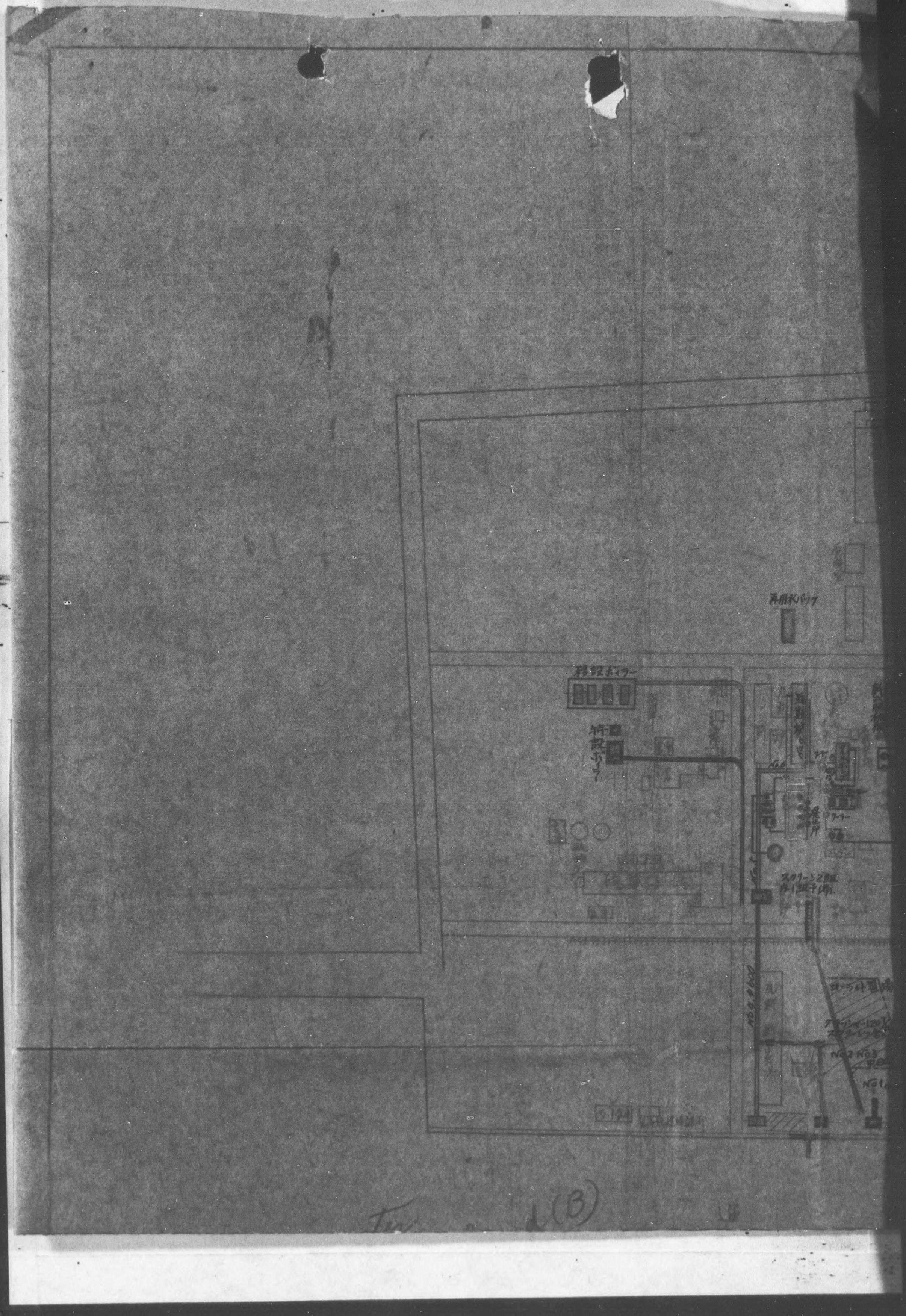
oil and Bunker Fuel oil

ction	Flash point (°C)	Viscosity by Redwood sec. at 50°C	Freezing point (°C)	Residual carbons (%)	Ash (%)	Water (%)	Sulphur (%)	Tar acid (%)
eutral	> 50	< 100	< 15	< 3	< 0.05	< 1.0	< 1.0	< 25
"	> 60	< 1000	—	—	—	< 3.0	—	< 70

rown or brownish black, and opacity.

nil.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDS NO: [illegible]



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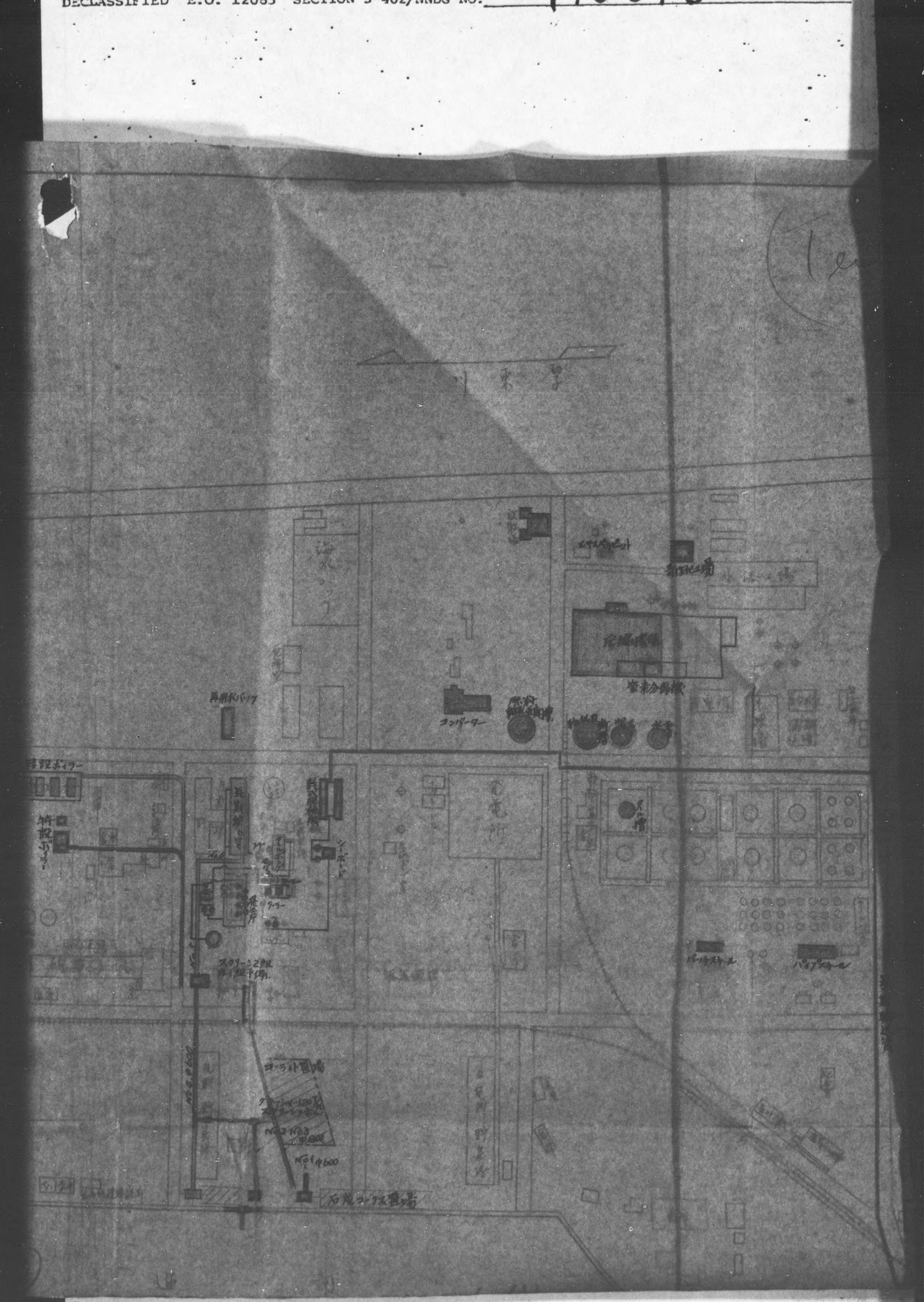
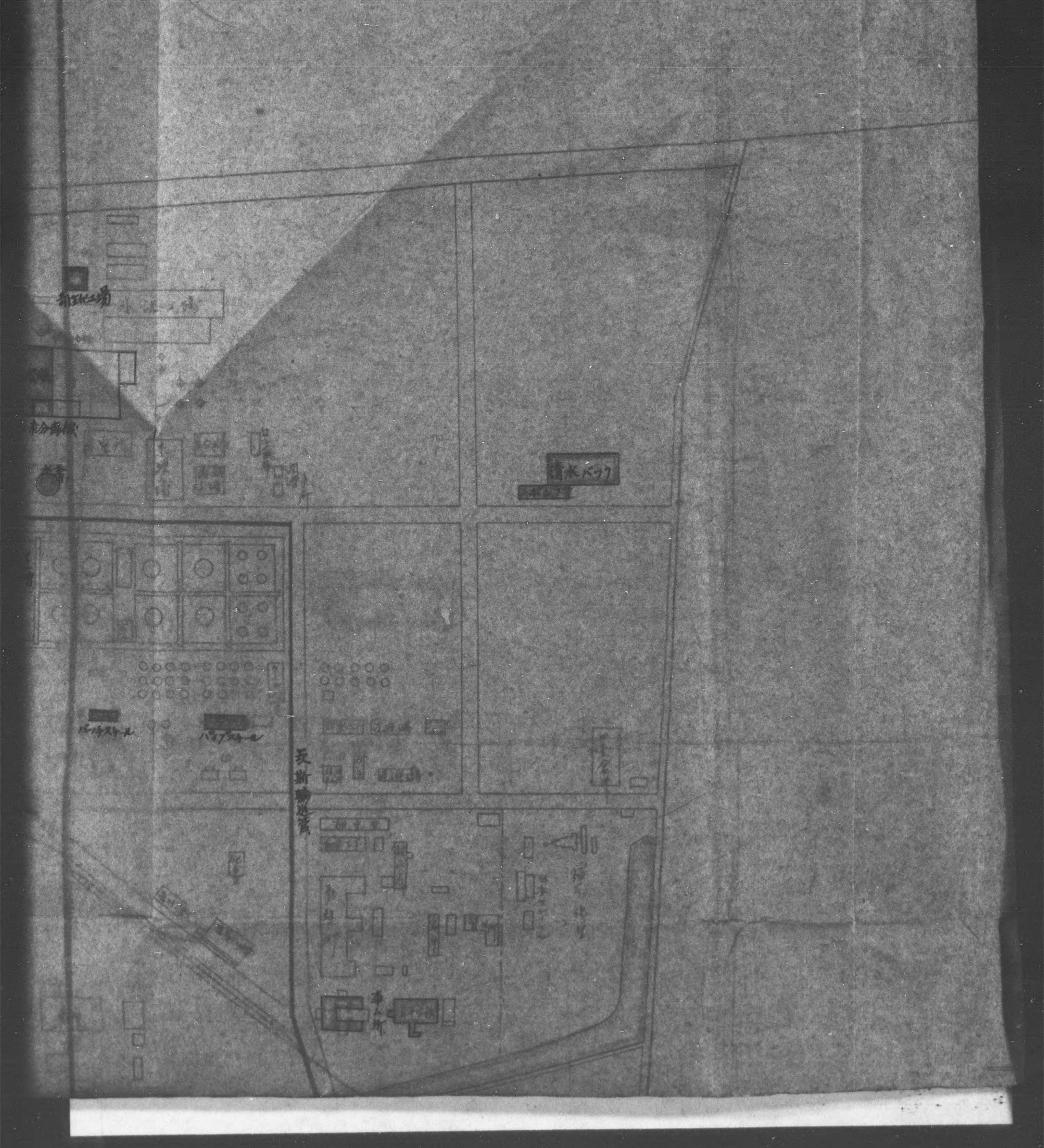


DECLASSIFIED E.O. 12065 SECTION 3 402/NNBS No.

(試験場概略図)



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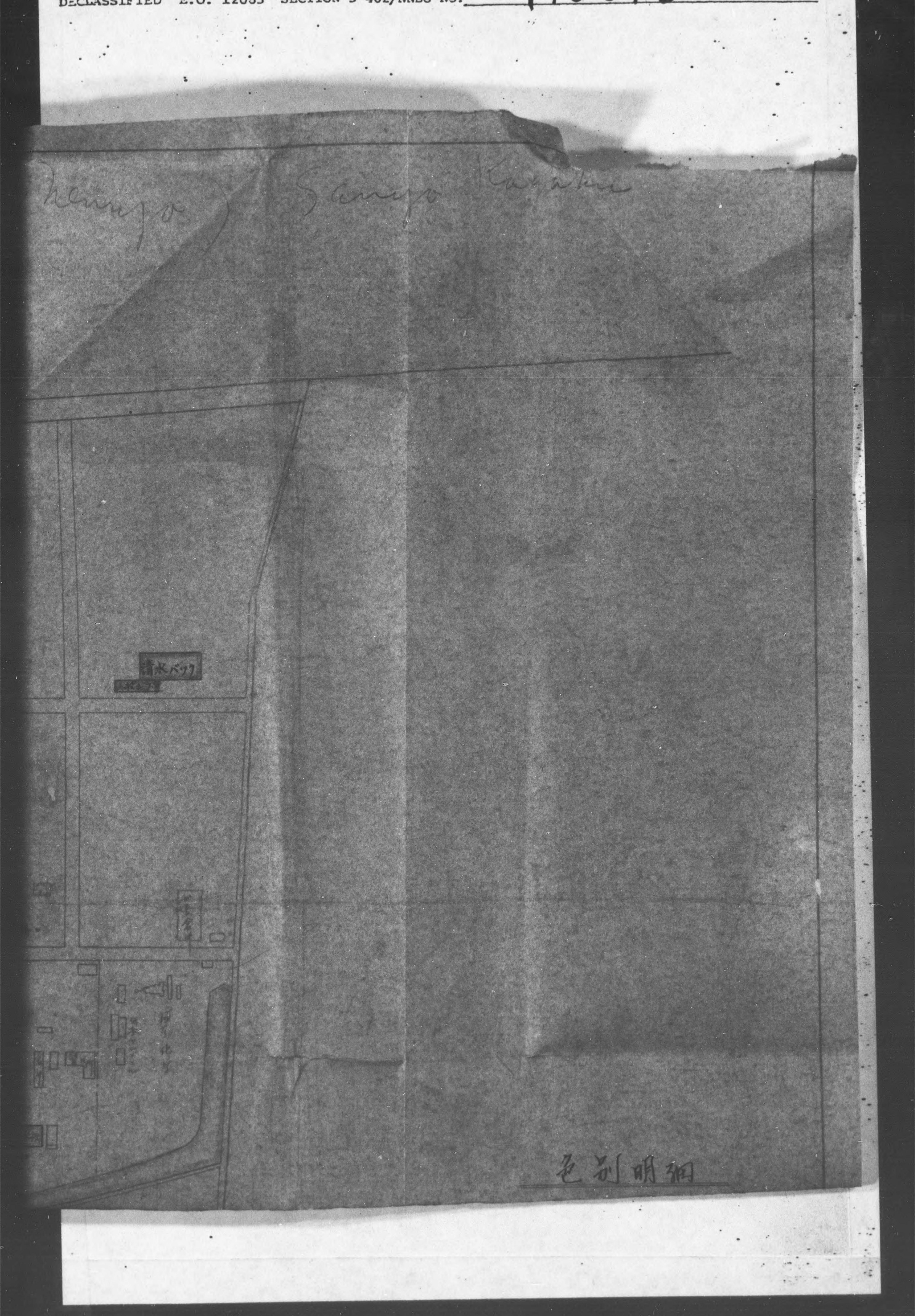
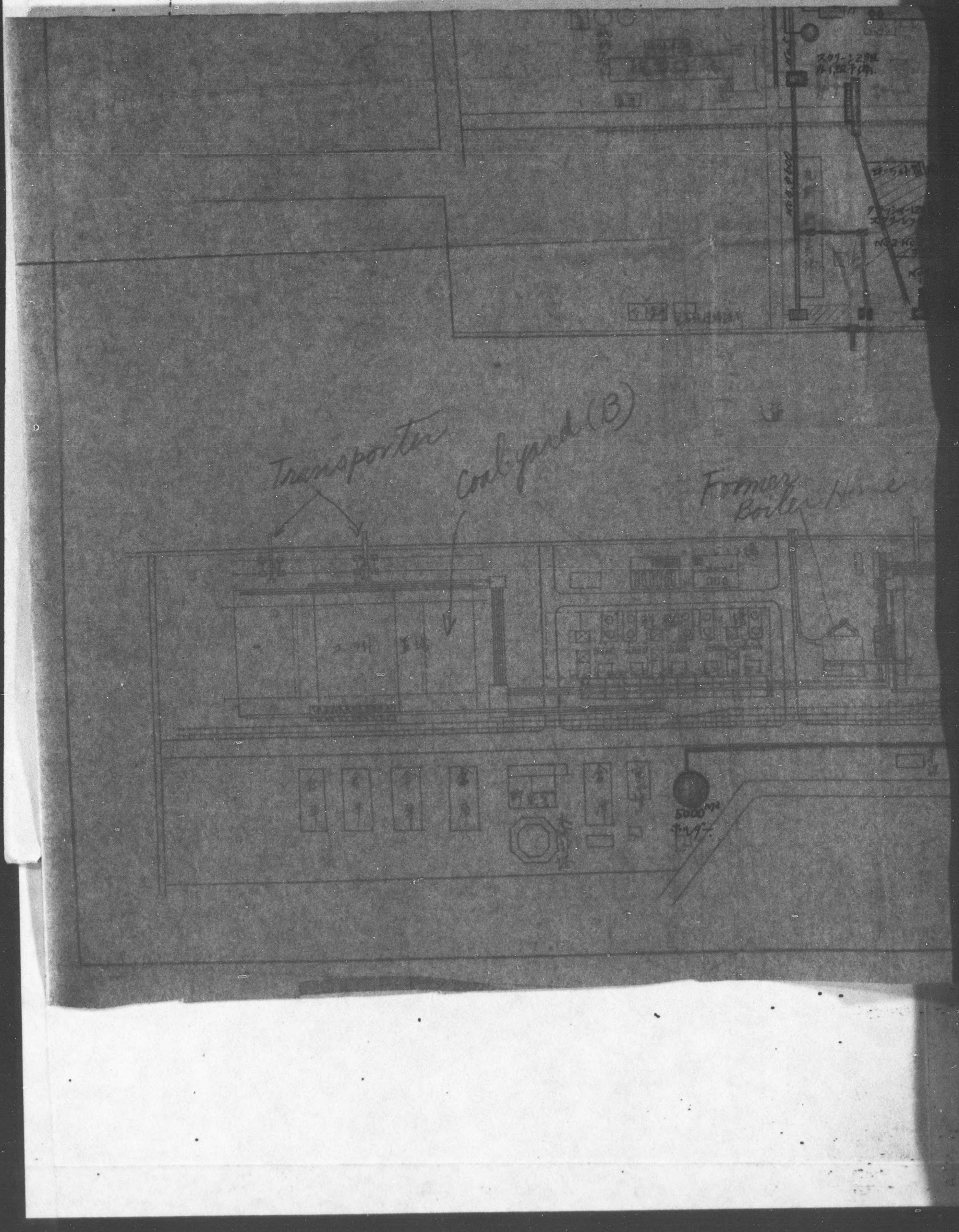


名前明細

DECLASSIFIED E.O. 12065 SECTION 3 402/MNSC NO.



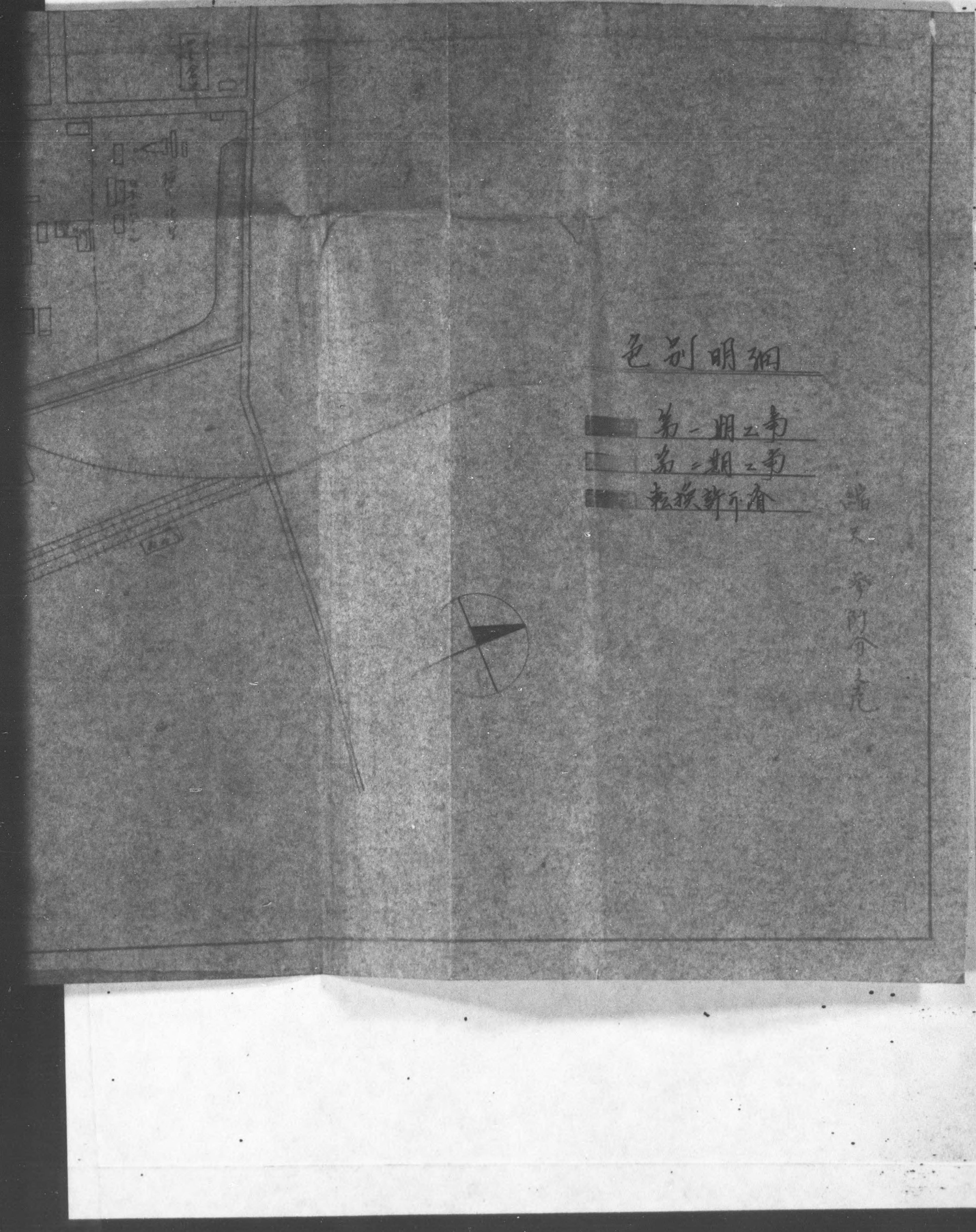
DECLASSIFIED E.O. 12065 SECTION 3 (E)(3) NND 963

(3)

Former Battle ship coal yard (A)

DECLASSIFIED E.O. 12065 SECTION 3 NLE/NARS DATE

DECLASSIFIED E.O. 12065 SECTION 3 402/NNSC NO.



色別明細

第一期云勢

第二期云勢

転換斜平角

端天参門矛竟

DECLASSIFIED E.O. 12065 SECTION 3 402/NNBS NO:

HEADQUARTERS 41ST INFANTRY DIVISION
Military Government Section
APO 41

23 November 1945

Subject: Application of Sumori Metal Mfg. Co. Ltd., to engage in manufacture of license plates for civilian vehicles and metal household utensils.

To : Sumori Metal Manufacturing Co., Ltd.,
2772, Aza-Hirasaka , Hirasaka,
Futami, Hiroshima

Upon the representations made in the application of Sumori Metal Mfg. Co., Ltd., manufacture of vehicular license plates 2772, Aza-Hirasaka, Hirasaka, to engage in and metal household utensils, Futami, Hiroshima it appearing that the facilities of said company are not desired for military use, and it further appearing that the files of this Headquarters contain no derogatory information concerning the personnel or purposes of the said company; and under the provisions of SA, ltr. 6th Army, M G sect., 6 Nov 45, par. _____, said application is approved.

John L. Gaylord,
Lt. Col., FA,
Mil. Govt. Officer

Dist:
1 to applicant
Info copy X Corps

15

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

業令用兼

Application for the permission of conversion to the essencial consumers commodities.

1. Name.....Sumori Kinzoku Kogyo Kabushiki Kaisha
(Sumori Metal Manufacturing Co., Ltd.)

2. Capital..... Y1,000,000.00 (¥600.000.00 Paied up)

3. Ownership..... Sannosuke Sumori
Moriyoshi Hirao

4. Financial relation to the government.....None.

5. Date of Foundation.....March 11th. 1914

6. Location.....No.2774, Aza-Mirasaka Mirasaka-Machi,
Futami-Gun, Hiroshima Prefecture.

7. A general description of machinery and plant.

A. Acreage of the plant foundation..... 5,545 square metres
B. Acreage of the building..... 1,330 " "
C. Equipments Machines

Machines tools..... 15
Pressing..... 36
Electric furnace..... 2

D. Materials on hand for consumers Commodity

Aluminum..... 1 ton
Brass..... 2 "
Iron plate..... 1 "

8. Number of employees.

Male..... 45
Female..... 31

9. Production before the war.(Monthly)

Licence plates for bicycles..... 300,000 pieces.
" " for motor cars..... 20,000 sets.
" " for other vehicles..... 200,000 pieces.
Thin plate punching..... 300,000 "

10. Production during the war(Monthly)

CONDENSER PIPE.
Parts of airplane..... 200,000 pieces
Licence plates for bicycles..... 100,000 "
" " for other vehicles..... 30,000 "

DECLASSIFIED E.O. 11652 SECTION 3 (E), MAR 8 1978

秘 守 用 無

11. Future plan of production

A. Products and amount planned to produce(Monthly)

Licence plates for bicycles	300,000	pieces
" " for motor cars	10,000	sets
" " for other vehicles	120,000	pieces
Thin plate punching	100,000	"
Pots in various sizes	10,000	"
Kettles	5,000	"
Household utensils	21,000	"

B. Materials needed for the above production (Monthly)

	Licence plates for bicycles and other vehicles	Pots	Kettles	Household utensils	Various building Materials	Total
Original steel	1 ton			3 tons	4 tons	
Special steel				1 ton	1 ton	
None- iron metal				2 tons	2 tons	4 tons
Aluminum	3 tons	4 tons	3 tons	2 "	12 "	

C. Commencing date of production.

Licenceplates for bicycles and other vehicles

November 11th 1945

Pots, Kettles December 1st 1945

Household utensils November 1st 1945

DECLASSIFIED E.O. 11652 SECTION 3 (E), NND 963

民需生産轉換許可申請書

廣島縣賀三郡三良坂町 2772 番地
巢守金屬工業株式會社
代表取締役 巢守カネオ

1 會社工場名 巢守金屬工業株式會社
2 資本金 1,000,000 圓
3 資本系統 巢守三之助 平尾盛美
4 國家資本關係 無
5 創立年月日 大正3年3月11日
6 所在地 廣島縣賀三郡三良坂町 2772 番地
7 設備ノ概要

A 工場敷地 5,545 平方米
B 建物坪數 1,530 平方米
C 設備機械
工作機械 15 臺
プレス機械 36 臺
電氣爐 2 基
D 手持資材向民需 アルミニューム 10,000 Kgs
眞鍮 20,000 Kgs
鋼鐵 10,000 Kgs

8 從業員數 4 名
男 名
女 名
9 戰前生産品及數量(月産)
自動車車體 飯盒 500,000 個
自動車車體 飯盒蓋 20,000 組
自動車車體 飯盒加工部 200,000 個
自動車車體 飯盒分解檢査部 30,000 個
10 戰時生産品及數量(月産)
自動車車體 飯盒 200,000 個
自動車車體 飯盒蓋 100,000 個
自動車車體 飯盒加工部 50,000 個
11 將來生産計畫(月産)
自動車車體 飯盒 300,000 個
自動車車體 飯盒蓋 10,000 組
自動車車體 飯盒加工部 120,000 個
自動車車體 飯盒分解檢査部 100,000 個
自動車車體 飯盒量産計畫 10,000 個
自動車車體 飯盒量産計畫 5,000 個
自動車車體 飯盒量産計畫 21,000 個

A 生産品自動車諸車體札及自動車他各種札札札

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDS NO. [redacted]

WLH/ln

HEADQUARTERS
SEVENTY-SIXTH MILITARY GOVERNMENT
HEADQUARTERS AND HEADQUARTERS COMPANY
APO 317 (Kure, Honshu)

17 June 1946

AG 004.04 (MG)
16 Nov 45

SUBJECT: Permit for Industrial Facilities

TO : Commanding General, Eighth Army, APO 343
(Attn: Military Government Section)

1. In accordance with Par 4, letter Headquarters Eighth Army, file AG 004.04 (MG) Subject, Disposition of War Production Plant Equipment dated 16 Nov 45 enclosed are four (4) copies of permit issued by this Headquarters, together with four (4) copies of the application.

FOR THE COMMANDING OFFICER:

JOHN E. HOLLAND
Capt, CMP
Adjutant

2 Incl:
1. Application of Towa Kogyo Yugen Kaisha
2. Permit for Reconversion

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. [illegible]

HEADQUARTERS
SEVENTY-SIXTH MILITARY GOVERNMENT
HEADQUARTERS AND HEADQUARTERS COMPANY
APO 24 (Kure, Honshu)

11 June 1946

File:_____

SUBJECT:

TO : TOWA KOGYO YUGEN KAISHA
(Name and Address of Firm)
No.81 Oaza Ushiroji Tomo-cho, Numakuma District

1. a. In accord with paragraph 3, b, Directive Number Three (3) from the Supreme Commander to the Japanese Imperial Government, dated 22 September 1945, the Towa Kogyo Yugen Kaisha (Name of Firm) is permitted to immediately start production of Agricultural Tools (Name of Items)

b. Maximum monthly production currently authorized is

Agricultural tools - ¥20,000.

2. The acquisition of material, parts and sub-assemblies as well as the disposition of finished products, and the establishment of sales prices will be in accord with the regulations of the Imperial Japanese Government.

3. Until otherwise directed by this headquarters, a monthly report in English of each item, by name, type and quantity produced by each factory, sub-contractor subsidiary within this factory's control will be delivered to this office by the fifteenth (15) day of the following month.

4. It is understood that this permit for reconversion is issued subject to any and all directives affecting reconversion, ultimate disposition or otherwise, which have been issued or may hereafter be issued by the Supreme Commander for the Allied Powers or by this Headquarters.

FOR THE COMMANDING OFFICER:

JOHN E. HOLLAND
Captain, CMP
Adjutant

Info Copy to:
SCAP (Attn: ESS) (1)
SCAP (Attn: G-2) (1)
CG Eighth Army (Attn: Mil Govt) (1)
CG I Corps (Attn: Mil Govt) (1)
Liaison Office (1)
Governor of Prefecture concerned (1)

Incl. #2

DECLASSIFIED E.O. 12065 SECTION 3 (E)(1)(2)(3) or (4) By [illegible] NARS, Date 12-18-78

KURE LIAISON OFFICE

KL No. 267 4 June 1946

SUBJECT: Application for operation of and reports on Industrial facilities.

TO : Commanding Officer,
76th Military Government Company.

Kure Liaison Office presents its compliments to the Commanding Officer of the 76th Military Government Company and has the honour to presents herewith the Application for operation of and report on industrial facilities from the Towa Kogyo Yugen Kaisha.

The company with its excellent skill and good organization is now planning production of farm implements.

In view of the importance of the food problem and the zeal of the company, this office recommends this Factory as one which is mostly needed and requests cordially that high consideration be given to the application of the factory.

T. Hattori,
Chief of Kure Liaison Office.

DECLASSIFIED E.O. 12065 SECTION 3 402/NNSC NO.

Serial No. of Report

APPLICATION FOR OPERATION OF
A
REPORT ON INDUSTRIAL FACILITIES

TO: Headquarters 76th Military Government Company

THRU: Kure Liaison Officer

Towa Kogyo Yugen Kaisha.
No. 81 Oaza Ushiroji Numakuma District.
Name and Address of Reporting Unit

4 June, 1946.
Date

1. Name of Facility Towa Kogyo Yugen Kaisha.
2. Location No. 81 Oaza Ushiroji Tomo-cho Numakuma District, Hiroshima Prefecture.
3. Name of President or Manager Shokuro Hashimoto.
4. History
   a. Date of construction June 1st, 1944.
   b. Date of first operation June 1st, 1944.
   c. 1935-1941 Production (Annual value in Yen; quantities of principal products by units or weights)

None

d. Present capitalization in Yen ¥73,000
e. Changes made in capital structure since 1935 None
f. Name and address of parent co any None
g. Number of shares outstanding None
h. Number of stockholders (Give names of those owning 10% or more of tot

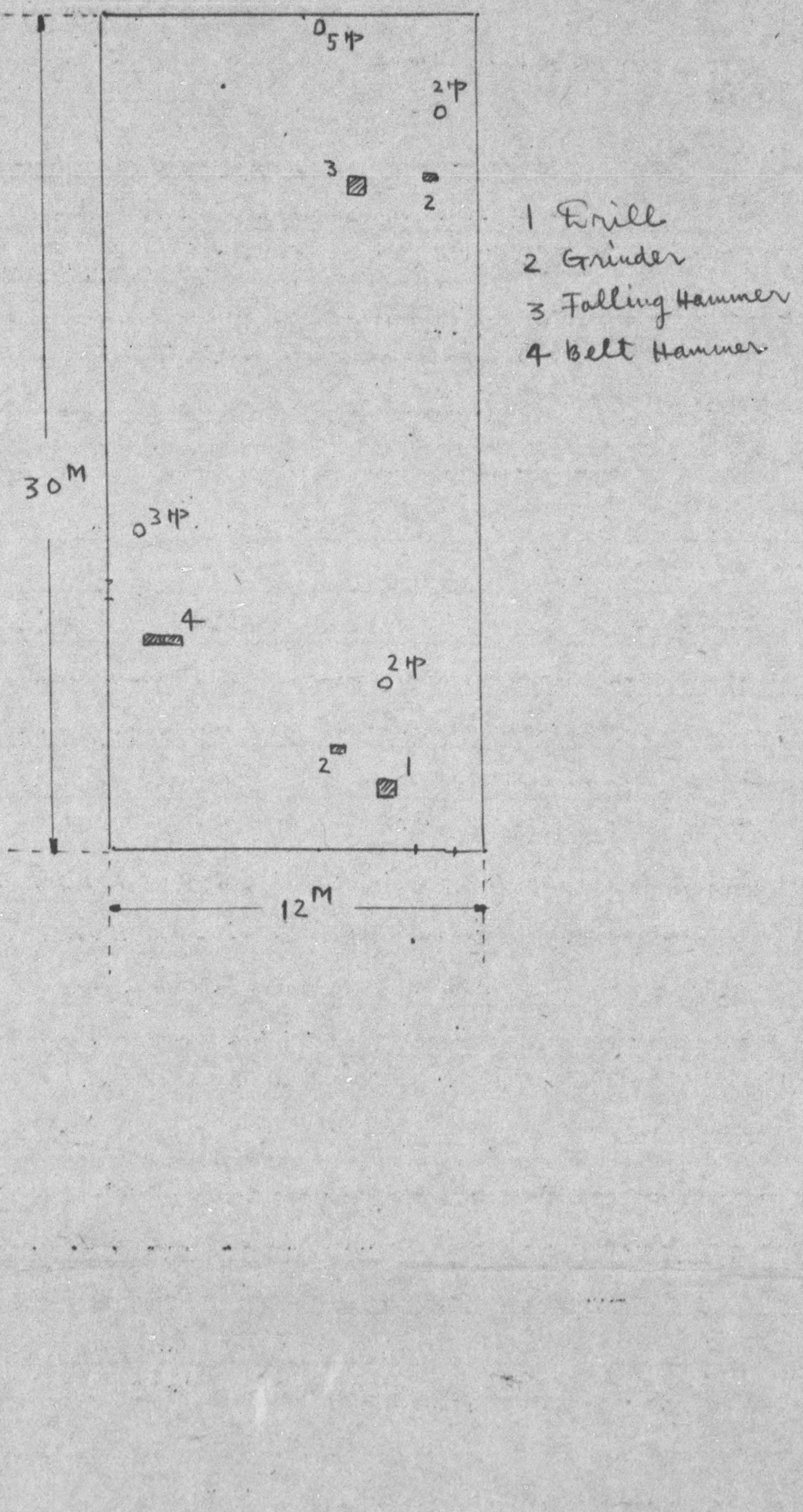
24 stockholders.

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

None

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

DECLASSIFIED E.O. 12065 SECTION 3 402/NNBS RS.



1 Drill
2 Grinder
3 Falling Hammer
4 Belt Hammer

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDS NO. [illegible]

C D

2. (Report on Industrial Facilities)

5. Description

a. Principal Products

1. Wartime Every kinds of ship's nail.

2. At Present Farm implements.

3. Planned for 1946-47 Farm implements.

b. Capacity

1. Wartime ¥10,000 (monthly)

2. At Present ¥15,000

3. 1946-47 (With unrestricted access to materials) ¥20,000

c. Number of Employees

1. Wartime 23

2. At Present 35

3. 1946-47 (At maximum capacity) 40

6. Machinery & Equipment in Plant

Description	Quantity	Condition
look reverse side.		

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

Description	Quantity	Condition
Iron	5 Ton.	

8. Present Stocks of Finished Goods

Description	Quantity	Condition
None		

9. Present Stocks of Fuel

Description	Quantity
Cokes	4 Ton

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

6. Machinery & Equipment in plant.

Description	Quantity	Condition
Drill	1	
Grinder	2	
Falling Hammer	1	
Belt Hammer	2	
Electric Motor	4	

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. [illegible]

3- (Report on Industrial Facilities)

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

Description	Quantity
None	

11. Raw materials & supplies needed (monthly)

a. For present capacity (5b2 above)

Description	Quantity
Iron	5 ton

b. For maximum (5b3 above)

Description	Quantity
Iron	7 ton

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

Description	Quantity
Cokes.	15 ton.

13. Additional Personnel needed (Not locally available)

Special Skills	Number
None	

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

Description	Unit	Price
hoe	1 Pc.	¥15 - ¥25.

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

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDS No.

4-(Report on Industrial Facilities)

16. Certification by applicant

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

Signed S Hashimoto

Title President

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 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

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 for which there is not space on the face of the form.

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

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDS NO: [illegible]

HEADQUARTERS
HIROSHIMA MILITARY GOVERNMENT TEAM
APO 317

D/LAM/ah

Serial No: 682

Kure, Honshu
19 September 1946

SUBJECT: Removal of Materials and Scrap Iron

THROUGH: Kure Liaison Office

TO : Kusunose, Tsunei, Governor, Hiroshima Prefecture

1. Reference KL 838, 16 September 1946.

2. Approval granted on both subject requests with report of accomplishment to be made to this office.

KARL L.SPRINGER
Lt Col, Inf.
Commanding

2 Incls:

KL 838, 16 Sept 46
KHM 155, 12 Sept 46

DECLASSIFIED - E.O. 12065 SECTION 3 (b), NARS Date

WLH/ln

HEADQUARTERS
SEVENTY-SIXTH MILITARY GOVERNMENT
HEADQUARTERS AND HEADQUARTERS COMPANY
APO 317 (Kure, Honshu)

17 June 1946

AG 004.04 (MG)
16 Nov 45

SUBJECT: Permit for Industrial Facilities

TO : Commanding General, Eighth Army, APO 343
(Attn: Military Government Section)

1. In accordance with Par 4, letter Headquarters Eighth Army, file AG 004.04 (MG) Subject, Disposition of War Production Plant Equipment dated 16 Nov 45 enclosed are four (4) copies of permit issued by this Headquarters, together with four (4) copies of the application.

FOR THE COMMANDING OFFICER:

JOHN E. HOLLAND
Capt, CMP
Adjutant

2 Incl:
1. Application of Tomo Factory of Nippon Kokyua Bijora Seisakuhi Co.
2. Permit for Reconversion

DECLASSIFIED E.O. 12065 SECTION 3 NND/MMS NO.

HEADQUARTERS
SEVENTY-SIXTH MILITARY GOVERNMENT
HEADQUARTERS AND HEADQUARTERS COMPANY
APO 24 (Kure, Honshu)

File:

11 June 1946

SUBJECT:

TO : TOMO FACTORY OF NIPPON KOKYUU BIJORA SEISAKUSHO CO.
(Name and Address of Firm)

Tomo, 150, Hiroshima Ken.

1. a. In accord with paragraph 3, b, Directive Number Three (3) from the Supreme Commander to the Japanese Imperial Government, dated 22 September 1945, the Nippon Kokyuu Bijora Seisakusho Co.
(Name of Firm)

is permitted to immediately start production of bolts, nuts, spikes, rivets, rolled steel bar, polished steel bar
(Name of Items)

b. Maximum monthly production currently authorized is all Products 500 tons.

2. The acquisition of material, parts and sub-assemblies as well as the disposition of finished products, and the establishment of sales prices will be in accord with the regulations of the Imperial Japanese Government.

3. Until otherwise directed by this headquarters, a monthly report in English of each item, by name, type and quantity produced by each factory, sub-contractor subsidiary within this factory's control will be delivered to this office by the fifteenth (15) day of the following month.

4. It is understood that this permit for reconversion is issued subject to any and all directives affecting reconversion, ultimate disposition or otherwise, which have been issued or may hereafter be issued by the Supreme Commander for the Allied Powers or by this Headquarters.

FOR THE COMMANDING OFFICER:

JOHN E. HOLLAND
Captain, CMP
Adjutant

Info Copy to:
SCAP (Attn: ESS) (1)
SCAP (Attn: G-2) (1)
CG Eighth Army (Attn: Mil Govt) (1)
CG I Corps (Attn: Mil Govt) (1)
Liaison Office (1)
Governor of Prefecture concerned (1)

Incl. #2

DECLASSIFIED E.O. 12065 SECTION 3 NLE/MMB NO. [illegible]

KURE LIAISON OFFICE

KL No. 268

4 June 1946

SUBJECT: Application for operation of and reports on industrial facilities.

TO : Commanding Officer,
76th Military Government Company.

Kure Liaison Office presents its compliments to the Commanding Officer of the 76th Military Government Company and has the honour to presents herewith the Application for operation of and report on industrial facilities from the Nippon Kokyuu Byora Seisakusho Co. Ltd.

The company with its excellent skill and good organization is now planning production of ~~farm implements~~ (rolled bar steel, polished bar steel, bolt, nut and rivet etc. for railway, ships and construction works).

In view of the importance of the reconstruction and transportation problem and the zeal of the company, this office recommends this Factory as one which is mostly needed and requests cordially that high consideration be given to the application of the factory.

T. Hattori,
Chief of Kure Liaison Office.

DECLASSIFIED E.O. 12065 SECTION 3 402/NNES NO:

1

Serial No. of Report

APPLICATION FOR OPERATION OF

REPORT ON INDUSTRIAL FACILITIES

TO: Headquarters 76th Military Government Company

THRU: Shusenrenrakukurejimukyoku Nipponkokyunbyoraseisakusho Limited Company Tomo 150, Hiroshima-prefecture

Name and Address of Reporting Unit

June 3rd, 1946

Date

1. Name of Facility Tomo factory of Nipponkokyunbyoraseisakusho Limited Company (Head-office - Nipponkokyunbyoraseisakusho Limited Company. 1. Tosabori 1chome Nishiku, Osaka)

2. Location Tomo 150, Hiroshima-prefecture

3. Name of President or Manager Tokutaro Sonoda (president)

4. History

a. Date of construction 26th. October, 1938

b. Date of first operation 1st. November, 1938

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

1939	Rolled bar steel	2361 tons	155.826 yen
1940	Rolled bar steel	2410 tons	171.410 yen
	Bolt, nut etc	770 tons	229.460 yen
1941	Rolled bar steel	2480 tons	274.400 yen
	Bolt, nut etc	798 tons	248.976 yen

d. Present capitalization in Yen 1,000,000 yen (1938 November - 1945 June 740.000 yen)

e. Changes made in capital structure since 1935 1944 June - 1946 May 2,900,000 yen

f. Name and address of parent company Kokukouseisa Limited Company. Hamakuchicho 44, Sumiyoshiku, Osaka

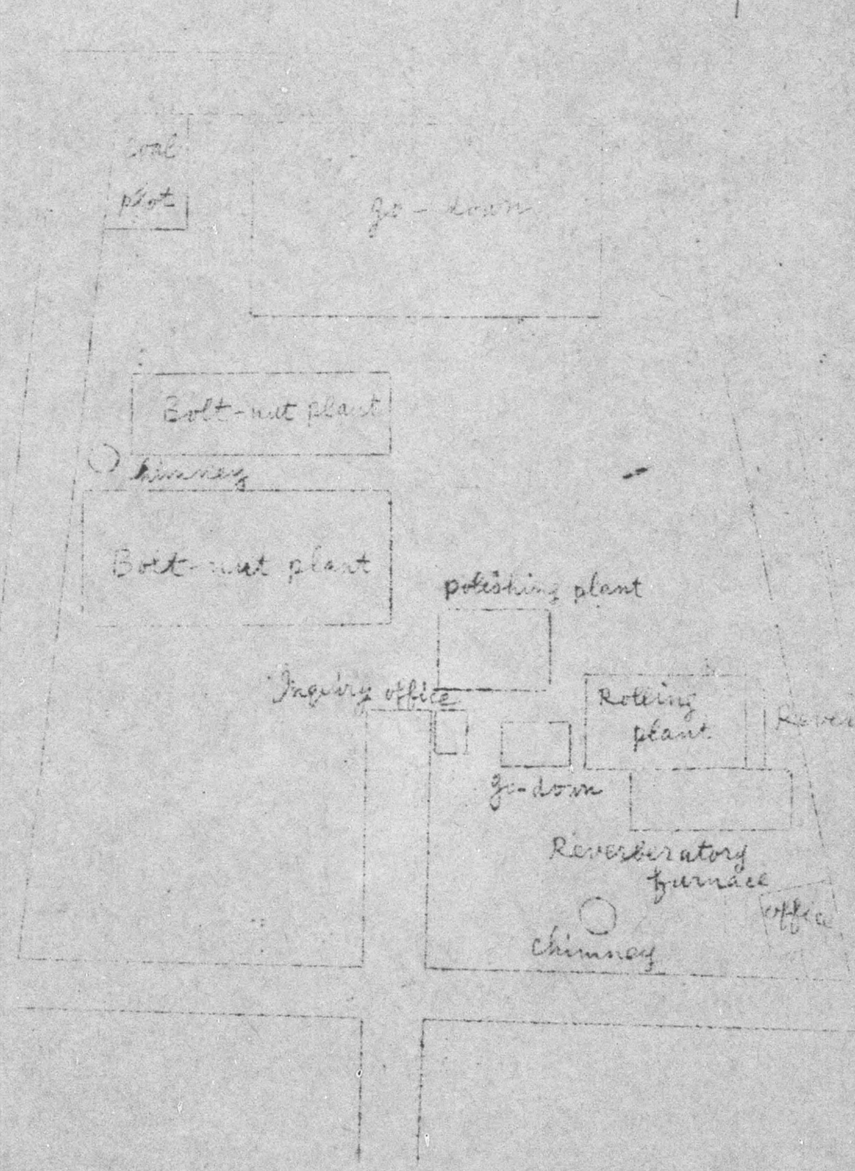
g. Number of shares outstanding none

h. Number of stockholders (Give names of those owning 10% or more of total) Tsurukichi Ishihara. Heitaro Koyama.

i. Funds received from Government (Bounties, subsidies, etc) none

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

DECLASSIFIED E.O. 12065 SECTION 3 402/MDS



DECLASSIFIED E.O. 12065 SECTION 3 402/MNDS NO.

2. (Report on Industrial Facilities)

5. Description

a. Principal Products

1. Wartime Rolled bar steel, Bolt, nut, spike and rivet etc.

2. At Present Rolled bar steel, Bolt nut, spike and rivet etc.

3. Planned for 1946-47 Rolled bar steel, polished bar steel, Bolt, nut, spike and rivet etc. (for railway, ships and construction works use)

b. Capacity

1. Wartime Rolled bar steel 200 tons, Bolt, nut, spike and rivet etc. 70tons monthly
Rolled bar steel 200 tons, Bolt, nut, spike and rivet etc.

2. At Present 70 tons monthly

3. 1946-47 (With unrestricted access to materials) Rolled bar steel 250 tons, Bolt, nut, spike and rivet etc. 100 tons monthly

c. Number of Employees

1. Wartime 60

2. At Present 89

3. 1946-47 (At maximum capacity) 100

6. Machinery & Equipment in Plant

Description	Quantity	Condition
machineries	34 stands	in operation
Reverberatory furnace	4 stands	in operation

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

Description	Quantity	Condition
common steel	400 tons	

8. Present Stocks of Finished Goods

Description	Quantity	Condition
Bolt, nut and spike etc.	20 tons	

9. Present Stocks of Fuel

Description	Quantity
Coal	270 tons
cokes	80 tons

DECLASSIFIED E.O. 12065 SECTION 3 402/NNBS NO:

3- (Report on Industrial Facilities)

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

Description	Quantity
Small-sized rolling machine	1 stand
Small-sized frictionpress	2 stands
Lathe (4' - 6')	4 stands
Wire-nail making machine	4 stands

11. Raw materials & supplies needed (monthly)

a. For present capacity (5b2 above)

Description	Quantity
common steel	300 tons

b. For maximum (5b3 above)

Description	Quantity
common steel	400 tons

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

Description	Quantity
Coal	150 tons
Cokes	50 tons

13. Additional Personnel needed (Not locally available)

Special Skills	Number
none	

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

Description	Unit	Price
Bolt-nut	1 ton	6400 Yen
Spike	1 ton	5600 Yen
Rivet	1 ton	5700 Yen

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

DECLASSIFIED E.O. 12065 SECTION 3 402/NNBS NO:

4-(Report on Industrial Facilities)

16. Certification by applicant

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

Signed Tokutaro Sonoda

Title President

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 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

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 for which there is not space on the face of the form.

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

DECLASSIFIED E.O. 12065 SECTION 3 402/NNBS NO: [illegible]

WLH/ltn

HEADQUARTERS
SEVENTY-SIXTH MILITARY GOVERNMENT
HEADQUARTERS AND HEADQUARTERS COMPANY
APO 24 Kure, Honshu

25 May 1946

SUBJECT: Conversion of Industrial Facilities.

TO : Kure Liaison Office.

Enclosed are copies of applications from Japanese firms for permits to operate their private business. Also enclosed are copies of new application forms. Original applications are uncomplete and out of date. Please forward new forms to each of the subject companies requesting that they return 5 copies properly filled out to this office. Your comments and recommendations will be appreciated in forwarding completed applications.

These plants have been inspected by this section and application will be approved if you concur with our recommendations.

FOR THE COMMANDING OFFICER:

JOHN D. MONTGOMERY
1st Lt., TC
Adjutant

Encl.:
1. Naka Iron Works
2. The Nissan Zosensho Co., Ltd.
3. Hitachi Zosens Co., Ltd.
4. Towa Mfg. Ltd.
5. Tomo Factory of Nippon Higher Class Bolt Nut Mfg. Co., Ltd.
6. Copies of new application.

28

DECLASSIFIED E.O. 12065 SECTION 3 402/NNSC NO.

HEADQUARTERS
SEVENTY-SIXTH MILITARY GOVERNMENT
HEADQUARTERS AND HEADQUARTERS COMPANY
APO 24 (Kure, Honshu)

WLH/ltn

25 May 1946

SUBJECT: Conversion of Industrial Facilities.

TO : Kure Liaison Office.

Enclosed are copies of applications from Japanese firms for permits to operate their private business. Also enclosed are copies of new application forms. Original applications are incomplete and out of date. Please forward new forms to each of the subject companies requesting that they return 5 copies properly filled out to this office. Your comments and recommendations will be appreciated in forwarding completed applications.

These plants have been inspected by this section and application will be approved if you concur with our recommendations.

FOR THE COMMANDING OFFICER:

JOHN D. MONTGOMERY
1st Lt., TC
Adjutant

Encl.: 1. Naka Iron Works.
2. Copies of new application.

all of the factories

The Nissan Zosensho Co. Ltd.
Hitachi Zosen Co., Ltd
Towa Mfg Co. Ltd.
Tomo factory of Nippon ~~Kokyu Kogyo~~ Higher class Precision Mfg Co. Ltd.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNBS NO: [illegible]

Headquarters
764th M. P. HQ. AND HQ. Co.
APO 244

Please Return - Brief

Subject: Conversion of Industrial Facilities.
To: Area Liaison Officer.

Enclosed are copies of applications from Japanese firms for permits to operate their private business. Also enclosed are copies of new application forms. Original applications are incomplete and out of date. Please forward new forms to each of the subject companies requesting that they return 5 copies properly filled out to this office. Your comments and recommendations will be appreciated in forwarding completed applications.

These plants have been inspected by this section and application will be approved if you concur with our recommendations.

193 For C O.

Encl. Put the names of the factories
1. Copies of original application here
2. " " new Copies of new application

DECLASSIFIED E.O. 12065 SECTION 3 402/NNBS NO. [illegible]

0 H 12 114 0

Formula of application for
the permission conversion
to the essensial consumers
commodities

suspected Plan War 23 application forms

1. Name. Tomo factory of Nippon kokyu byora seisakusho,
Limited company (Nippon higher class Bolt nut manufacturing L. Co.)
(Head office - Nipponkokyubyoraseisakusho, Limited Company
1. Tosabori 1 chome nishiku, Osaka
2. Capital. 2,900,000 yen (paid-up)
3. Ownerships. Tokutaro Sonoda. Tsurukichi Ishihara. etc.
4. Relation to the government. None
5. Date of foundation. 1st. November, 1938
6. Location. Tomo 150, Hiroshima-prefecture (NUMBKUMA-GUN)
7. General discription of machinery and plan.
a. Site. 6929 m²
b. Building area. 2723 m²
c. Machineries. 35 stands
Reverberatory furnace. 3 stands
d. In stock. Common steel (non-official) 300 tons
Special steel (non-official) 30 tons
8. Number of employees. 52
9. Production before the war. Rolled bar steel 200 tons monthly
Bolt, nut and rivet etc. 70 tons monthly
10. Production during the war. Rolled bar steel 200 tons monthly
Bolt, nut and rivet etc. 70 tons monthly
11. Future plan of production. Rolled bar steel 200 tons monthly
Polished bar steel 30 tons monthly
Bolt, nut and rivet etc. 70 tons monthly (for railway, ships
and construction works use)
Railway's locomotive accessories
Manufacture and repair for small-sized engine and accessories
of motor-boat
Materials. Common steel 400 tons monthly
Date of commencement. September 1, 1945

DECLASSIFIED E.O. 12065 SECTION 3 402/MNSC NO.

廣島縣知事 楠瀬常猪殿

昭和二十年勅令第五百四十二號ニ依リ下記ノ通リ申請候
條御許可相成度及申請候也

昭和二十年十一月 十五 日

有限会社 日本高級鋳鋼製作所

社長 園田德太郎

DECLASSIFIED E.O. 12065 SECTION 3 402/NNSC NO.

軍需工場ノ民需生産転換許可申請書

1. 會社工場名　有限会社 日本高級鋲螺製作所鞆工場
（本社　有限会社 日本高級鋲螺製作所　大阪市西区土佐堀通一丁目一番地）
2. 資本金　貳百九拾萬圓（全額拂込済）
3. 資本系統　園田德太郎 石原鶴吉 其ノ他
4. 國家資本ノ有無　無
5. 創立年月日　昭和十三年十一月一日
6. 所在地　廣島縣沼隈郡鞆町大字鞆一五〇番地ノ一大
7. 設備ノ概要
   a. 敷地　6929平米
   b. 建物面積　2723平米
   c. 工作機械　34台
      反射炉　3基
   d. 手持資材　普通鋼（民）　300瓲
      特殊鋼（民）　30瓲
8. 從業員数　42名
9. 戰前ノ生産品及数量　圧延鋼材　月産　200瓲
   鋲螺釘　月産　70瓲
10. 戰時中ノ生産品及数量　圧延鋼材　月産　200瓲
    鋲螺釘　月産　70瓲
11. 將来ノ計画　圧延鋼材　月産　200瓲
    磨棒鋼　月産　30瓲
    鋲螺釘　月産　70瓲（軌條用、船舶用、土建用）
    鉄道機関車部分品
    水産用小型発動機及部分品製作並修理
    所要資材　月　普通鋼 400瓲
    製造開始時期　昭和二十年九月一日

DECLASSIFIED E.O. 12065 SECTION 3 402/NNSS NO. [illegible]

O # 12 23 O

Farmula of application for
the permission conversion
to the essencial consunors.

Inspected
Plant May 23
Dept of Agri
Forest

1. Name. Towa Mfg. Ltd.
2. Capital. Yen Seventy-three thousand.
3. Ownership. Syozo Uotani, Katsuzuro Hashimoto.
4. Relation to the goverment. Nothing.
5. Date of foundation. June 1st., 1944.
6. Location. No. 81 Ushirozi Oaza Tomo-cho,
Numakuma District,
Hiroshima Prefecture.
7. general discription of machenery and plan.
ground area. 395.360 square metre.
Building area. 237.861 square metre.
Machine. Drill 1.
Milling cutter. 1.
Grinder. 1.
Falling Hammer. 1.
Belt Hammer. 2.
Hand's article. Iron material ton 5.
8. Number of employees. Present. 23.
after of conversion. 23.
9. Production before the war.
Ship's nail of every kinds & plating.
Yen Ten Thousand
10. Production during the war.
accesories of the ships.
Yen thirteen thousand.
11. Future plan of production.
Products. Farm implement.
Turnout. Yen thirty thousand
Necessary article. Iron material ton 3
Open. continuing.

廣島縣知事　楠瀨常猪殿

昭和二十年勅令第五百四十二號ニ依リ下記ノ通リ申請候條
御許可相成度此段及申請候也

昭和二十年十一月十日

東和工業有限會社
取締役社長　魚谷正造

廣島縣知事　楠瀬常猪殿

昭和二十年勅令第五百四十二號ニ依リ下記ノ通リ申請候條
御許可相成度此段及申請候也

昭和二十年十一月十日

東和工業有限會社
取締役社長　魚谷正造

DECLASSIFIED E.O. 11652 SECTION 3 (E)(2), MR&C NO. [illegible]

軍需工場ノ民需生産轉換許可申請書

1. 會社工場名	東和工業有限會社
2. 資本金	七萬三千圓
3. 資本系統	奥谷正造．橋本勝次郎
4. 國家資本有無	無シ
5. 創立年月日	昭和十九年六月一日
6. 所在地	廣島縣沼隈郡鞆町大字後地八一番屋敷
7. 設備ノ概要	敷地 395.360平方米　建物 237.861平方米 機械　ボール盤 一台　旋盤 一台 捻切盤 一台　ベルト機 二台 研磨盤 一台 手持資材　普通鋼 五瓲
8. 從業員数	現在員数 二十三名　轉換後ノ数 二十三名
9. 戰前ノ生産品及数量	各種釘及鍍金　壹萬圓
10. 戰時中ノ生産品及数量	艦船用部品　金壹萬三千圓
11. 將來ノ計畫	生産品目：農具　生産高：三萬円 所要資材：普通鋼 三瓲 開始時期：實行中

DECLASSIFIED E.O. 11905 SECTION 3 (b)(1) NND 963

軍需工場、附属主要転換許可申請書

1. 会社工場名　　東和工業有限会社
2. 資本金　　十萬三十圓
3. 資本系統　　東谷正造、福本勝次郎
4. 国家資本、官営　　無シ
5. 創立年月日　　昭和十九年六月一日
6. 所在地　　兵庫縣武庫郡大多聞村八一番屋敷
7. 設備、施設要　　敷地　395.360平方米　建坪　237.851平方米

木材	小ール盤	一台	旋盤　一台
	万能盤	一台	小形鉋　二台
	形彫盤	一台	

主持資材　普通鋼　五瓲

8. 従業員数　　現在員数　二十三名　転換後ノ数　二十三名
9. 製品、主要品及数量　　各種船舶用ノ金具　　百萬個
10. 製品、主要品ノ売上高　　過去ノ実績ナシ　　今後ノ予想　三十萬圓
11. 将来ノ計画　　主要品目：兼テ　　年産高：三萬円
　　生産設備：普通旋盤　三基
　　関係会社：無シ

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. [illegible]

H-12-94

Formula of application for the permission conversion to the essential consumer's commodities.

1. Name - - - - - - - - - - - - Taka Iron Works.
2. Capital - - - - - - - - - - ¥ 1,000,000.
3 Ownership - - - - - - - - Masataro, Taka. (individual enterprise.)
4 Relation to the goverment - - - - - Nothing
5. Dat of foundation - - - Oct. 1921
6 Location - - - - - - - - - - 7, Sinhama, Yoshiwara-chyo, Onomichi-shi,
7. General discription of machinery and plan.

(A) Land - - - - - - - 23,000 m²
(B) Construction - - - - - 4000 m²
(C) Machin - - - - - - Cupola 1.
Lathe 60
Planer 5
Shaper 4
Boring machine 2
(D) Materials owned - - Pig Iron 105
Coal, Cokes 3
Iron, Steel 40

8 Number of employers - - 300 (350)
9 Production before the war.
(A) Semi-diesel Engine for Wooden Ship, and its repairment. ¥ 20,000.-
(B) Equipage's metal for Wooden Ship. - - - - ¥ 10,000-
10 Production during the War.
(A) Semi-diesel Engine for Wooden Ship, and its repairment ¥ 50,000.-
(B) Round typed Tank for Wooden Ship - - - - ¥ 30,000.-
(C) Equipage's metal for Wooden Ship. - - - ¥ 20,000.-
(D) Agricultur tools - - - - - - - - - - - - - ¥ 5,000.
11 Future plan of production
(A) The name and volume of produce
(1) Engin for wooden ship (produce and its repairment) - - - - - - ¥ 70,000.-
(2) Agricultur tools - - - - - - ¥ 15,000.-
(B) Material consumed
(1) Pig Iron - - - - - - - 20%
(2) Coal, Cokes - - - - - - 10%
(3) Steel, Iron - - - - - - 20%
(C) Date of begining to product - - - - 1 st, Nov. 1946

dispeled Nov 23 1945

Letter from

DECLASSIFIED E.O. 12065 SECTION 3 402/NNBS NO.

廣島縣知事　榊原平殿

昭和二十年勅令第五百四十二号ニ依リ下記ノ通リ申請候條許可相成度此段及申請候也

昭和20年11月1日

尾道市百石町新浜七ノ一

中　鐵工所

中鐵工所之印

DECLASSIFIED E.O. 12065 SECTION 3 402/NNBS NO.

軍需工場、民需生産転換許可申請書

1. 工場名 ------ 中 鉄工所
2. 資本金 ------ 壱百五拾萬圓
3. 資本系統 ------ 中 雅太郎（個人経営）
4. 国家資本、有無 ------ ナシ
5. 創立年月日 ------ 大正九年十月
6. 所在地 ------ 旭通市吉和町、新浜七番地、一
7. 設備、概要
   敷地 ---- 23,000㎡
   建物 ---- 4,000㎡
   設備機械 ---- 熔鑛鑪 1. 穴ぐり盤 2
   旋盤 60 型削盤 4.
   平削盤 5
   手持資材 ---- 銑鉄 10噸
   石炭、コークス 3噸
   鋼材 40噸
8. 従業員々数 ---- 300名（340名）
9. 戦前、生産品及数量 ---- (A)木造船用焼玉機関、製作及修理 2万円
   (B) 〃 鐵裝用金物、製作 1万円
10. 戦時中、生産品、数量 ---- (A)木造船用焼玉機関、製作 5万円
    (B) 〃 丸型貨物油槽 3万円
    (C) 〃 鐵裝用金物 2万円
    (D)農耕用器具 5千円
11. 将来、計画 ---- (A)製作品目及数量 ---- (I) 木造用発動機（製作及修理） 7万円
    (II) 農耕用器具 15千円
    (B)所要資材
    (I) 銑鉄 20噸
    (II) 石炭、コークス 10噸
    (III) 鋼材 20噸
    (C)製造開始時期
    昭和20年11月1日

DECLASSIFIED E.O. 12065 SECTION 3 402/NNSC NO. [illegible]

HEADQUARTERS
SEVENTY-SIXTH MILITARY GOVERNMENT
HEADQUARTERS AND HEADQUARTERS COMPANY
APO 317 (Kure, Honshu)

WLH/ln

17 June 1946

AG 004.04 (MG)
16 Nov 45

SUBJECT: Permit for Industrial Facilities

TO : Commanding General, Eighth Army, APO 343
(Attn: Military Government Section)

1. In accordance with Par 4, letter Headquarters Eighth Army, file AG 004.04 (MG) Subject, Disposition of War Production Plant Equipment dated 16 Nov 45 enclosed are four (4) copies of permit issued by this Headquarters, together with four (4) copies of the application.

FOR THE COMMANDING OFFICER:

JOHN E. HOLLAND
Capt, CMP
Adjutant

2 Incl:
1. Application of Toda Industrial Co. Ltd.
2. Permit for Reconversion

DECLASSIFIED E.O. 12065 SECTION 3 402/NNBS NO:

HEADQUARTERS
SEVENTY-SIXTH MILITARY GOVERNMENT
HEADQUARTERS AND HEADQUARTERS COMPANY
APO 24 (Kure, Honshu)

12 June 1946

File:

SUBJECT:

TO : TODA INDUSTRIAL COMPANY, LTD.
(Name and Address of Firm)

693 Hunairi Kawaguchi-cho, Hiroshima City.

1. a. In accord with paragraph 3, b, Directive Number Three (3) from the Supreme Commander to the Japanese Imperial Government, dated 22 September 1945, the
(Name of Firm)

Toda Industrial Co.

is permitted to immediately start production of
(Name of Items)

Rouge

b. Maximum production currently authorized is

Rouge-300tons per year.

2. The acquisition of material, parts and sub-assemblies as well as the disposition of finished products, and the establishment of sales prices will be in accord with the regulations of the Imperial Japanese Government.

3. Until otherwise directed by this headquarters, a monthly report in English of each item, by name, type and quantity produced by each factory, sub-contractor subsidiary within this factory's control will be delivered to this office by the fifteenth (15) day of the following month.

4. It is understood that this permit for reconversion is issued subject to any and all directives affecting reconversion, ultimate disposition or otherwise, which have been issued or may hereafter be issued by the Supreme Commander for the Allied Powers or by this Headquarters.

FOR THE COMMANDING OFFICER:

JOHN E. HOLLAND
Captain, CMP
Adjutant

Info Copy to:
SCAP (Attn: ESS) (1)
SCAP (Attn: G-2) (1)
CG Eighth Army (Attn: Mil Govt) (1)
CG I Corps (Attn: Mil Govt) (1)
Liaison Office (1)
Governor of Prefecture concerned (1)

Incl. #2

DECLASSIFIED E.O. 12065 SECTION 3 402/NNSC NO. [illegible]

KURE LIAISON OFFICE

KL No. 277 6 June 1946

SUBJECT: Application for operation of and report on Industrial Facilities.

TO : 76th Military Government Company.

With reference to your note, dated 22 May 1946, the Kure Liaison Office has the pleasure in presenting herewith the application for operation and report on industrial facilities from the Toda Industrial Co. Ltd.

This factory with excellent skill and good organization is now planning production of rouge.

In view of the importance of the revival of civilian economy and the zeal of the said factory, which is recommended as one which is mostly needed, this office requests you cordially that high consideration be given to the application of the factory.

T. Hattori,
Chief of Kure Liaison Office.

Inclosure - 1.

DECLASSIFIED E.O. 12065 SECTION 3 402/NNSC NO. [illegible]

Serial No. of Report

APPLICATION FOR OPERATION OF
AND
REPORT ON INDUSTRIAL FACILITIES

TO: 16th Military Government Company

THRU: Kure Liaison Office

Toda Industrial Co. Ltt.
Name and Address of Reporting Unit

June 4th. 1935
Date

1. Name of Facility Toda Industrial Co. Ltt.

2. Location No. 693. Hunairi Kawaguchicho, Hiroshima.

3. Name of President or Manager Shikao. Toda.

4. History
   a. Date of construction November 30th. 1923.

   b. Date of first operation November 30th. 1923.

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

Rouge (Red iron- of oxide) 300 tons @ ¥3,000.-
¥900,000.-

   d. Present capitalization in Yen ¥400,000.-

   e. Chan s made in capital structure since 1935 None

   f. Name and address of parent company None

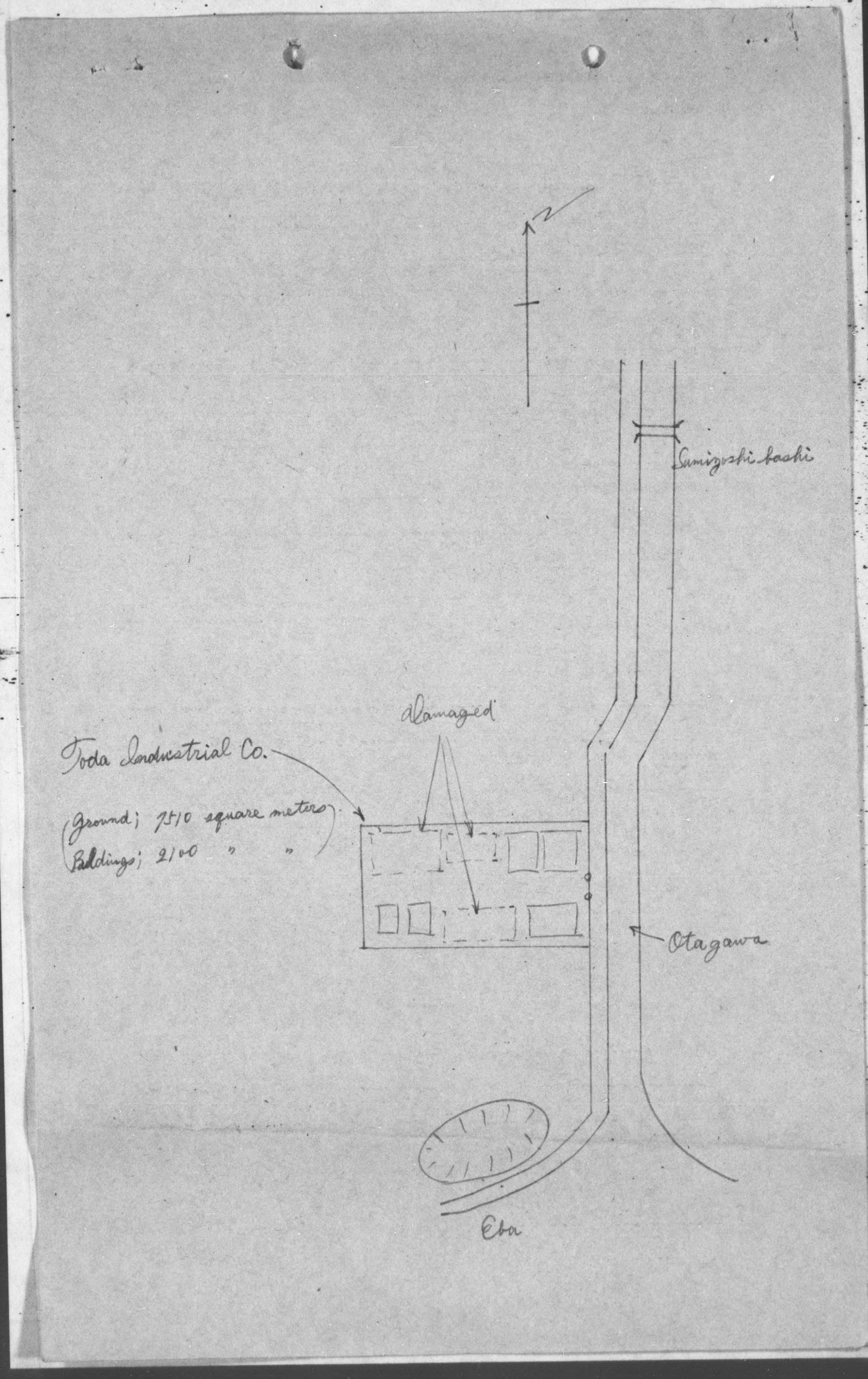
   g. Number of shares outstanding 10,000 shares.

   h. Number of stock olders (Give names of those owning 10% or more of total
17 holders. (Shikao. Toda, Koji. Toda, Yasuo. Ogata.)

   i. Funds received from Government (Bounties, subsidies, etc)
None

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

DECLASSIFIED - E.O. 11652 SECTION 3 (E)(1)(D) NLJ 02-



DECLASSIFIED E.O. 12065 SECTION 3 NSC MEMO NO.

2. (Report on Industrial Facilities)

5. Description

a. Principal Products

1. Wartime Rouge (Red iron of oxide)

2. At Present Rouge (")

3. Planned for 1946-47 Rouge (")

b. Capacity

1. Wartime Rouge 300 tons per year.

2. At Present Rouge 120 tons per year.

3. 1946-47 (With unrestricted access to materials) Rouge 300 tons per year.

c. Number of Employees

1. Wartime 60

2. At Present 40

3. 1946-47 (At maximum capacity) 60

6. Machinery & Equipment in Plant

Description	Quantity	Condition
Furnace	6	damaged. Not usable
Frume	3	"
Milling machinery	2	"

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

Description	Quantity	Condition
Raw materials	None.	
Unfinished goods	None.	

8. Present Stocks of Finished Goods

Description	Quantity	Condition
Finished goods.	None.	

9. Present Stocks of Fuel

Description	Quantity
Fuel	None.

DECLASSIFIED E.O. 12065 SECTION 3 NSC/MRS NO. [illegible]

3- (Report on Industrial Facilities)

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

Description	Quantity
Furnace	6
Frume	3
Milling machinery	2

11. Raw materials & supplies needed (monthly)

a. For present capacity (5b2 above)

Description	Quantity
None	

b. For maximum (5b3 above)

Description	Quantity
Red sand	30 tons per month
Sulphuric acid iron	20 tons per month

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

Description	Quantity
Coal	60 tons per month

13. Additional Personnel needed (Not locally available)

Special Skills	Number
Special Skills	1
Common Personnel	19

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

Description	Unit	Price
1st class Ronge	@ ¥ 11,000.-	per ton
4th class Ronge	@ ¥ 2600.-	per ton

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

Scarcity of coal is the great factor of bottleneck for the production. Aid for supply of coal is earnestly desired.

DECLASSIFIED E.O. 12065 SECTION 3 402/NNSS NO.

4-(Report on Industrial Facilities)

16. Certification by applicant

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

Signed Shikao Toda,

Title President.

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 immediately Yes_____ No_____

c. Authorized to produce at the following rate:

Item to be manufactured	Monthly Quantity
Bouge	2t ton per month.

_____

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 for which there is not space on the face of the form.

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

DECLASSIFIED E.O. 12065 SECTION 3 (b)(1) NND 963

A-12-59

Application for the permission Conversion to the essensial consumors Commodities.

1. Name ; Toda manufacturing Company L.td.
2. Capital ; ¥ 500.000
3. Ownership ; Siko Toda, koji Toda, Yasuo Ogata. Wata Kawada.
4. Relation to the goverment ; Nothing
5. Date of foundation ;
   A. Foundation of the Company; Established on November 30th 1923.
   B. Foundation of the factory ; Established on November 30th 1923.
6. Location ; NO. 693 Itunairi Kawaguchi Hiroshima City.
7. General discription of machinery and plant ;
   A. Grounds ; 7590 square meters.
   B. Buildings ; 2100 square meters.
   C. Machinary ; Furnace, 6
      Drying Furnace. 1
      Furnace. 3.
      milling machinery. 2.
   D. Material in Stock ; nothing
8. Number of employers ; 60
9. Production before the war ; Rouge, 20 ton per month.
10. Production during the war ; Rouge, 25 ton per month.
11. Future plan of production ;
    A. Future production planed ;
       Rouge.
       Sulphuric acid Iron.
       Iron oxide.
    B. Monthly Production ;
       Rouge, 25 ton per month.
       Sulphuric acid Iron, 100 ton per month.
       Iron oxide, 50 ton per month.
    C. Material in need,
       coal, 125 ton
       Sulphuric acid 30 ton
       Iron, 20 ton
       Sulphuric acid Iron, 100 ton
       ach, 80 ton
    D. Commencement of manufacture ;
       December 10th 1945

2

DECLASSIFIED E.O. 12065 SECTION 3-402/NNSS NO.

廣島縣知事　楠瀬常猪殿

昭和二十年勅令五百四十二號ニ依リ下記ノ通リ申請候條
御許可相成度此段及申請候也

昭和二十年十一月　日

戶田工業株式會社、社長　戶田止戈夫

DECLASSIFIED E.O. 12065 SECTION 3 402/MR&S NO. [illegible]

軍需工場，民需生産轉換許可申請書

1.	会社工場名	戸田工業株式会社
2.	資本金	五拾萬圓
3.	資本系統	戸田正文夫、戸田浩史、桑田南方、小方泰夫
4.	国家資本ノ有無	無
5.	創立年月日	会社創立　昭和2年11月30日 工場創立　昭和8年11月30日
6.	所在地	広島市冲ノ川町693ノ1
7.	設備ノ概要	A. 敷地面積　7510坪7勺 B. 建物面積　2100坪7勺 C. 設備概概　焙焼爐　6 乾燥爐　1 水簸　3 粉砕機　2 D. 手持資材　無し
8.	従業員数	60名
9.	戦前ノ生産品及数量	辨柄　月産　20噸
10.	戦時中ノ生産品及数量	辨柄　月産　25噸
11.	將来ノ計畫	A. 計畫品目　辨柄 硫酸鉄 硫化鉄粉 B. 計畫月産高　辨柄　25噸 硫酸鉄　100噸 酸化鉄粉　50噸 C. 所要資材　石炭　125噸 硫酸　30噸 鉄屑　20噸 硫酸鉄　100噸 焼鉱残滓　80噸

D. 疎開施設ノ有無

昭和20年12月10日

DECLASSIFIED E.O. 12065 SECTION 3 402/NNSC NO. [illegible]

Inspected planes May 21

Manufactury plant
Image collection of aeroplanes

not much to recommend - bus
no potential danger

H-97-1

Toyo Pulp Co., Ltd.

Board of Directors

Title of Position	Name	Age	Brief Personal History	Present other Business Affiliation
Chairman of Board of Directors	Nobusuke Kishi	53	Grasuated Tokyo Imp. Univ. in '20 Appointed, Vice-Minister of C.& I. Ministry in 1939 Minister of Commerce & Industry in 1941 Minister of State in 1943 Resigned, in 1944.	Chairman of Board of Directors, Nippon Steel Products Trade Co., Ltd. in Tokyo.
Director & President	Seiichi Tani	61	Graduated, German Society Mid. School in 1906 Appointed, Director of Special Paper Mfg. Col, Ltd. in 1926	Senior Managing Director of the said Company. (in Shizuoka)
Director & Vice-President	Teisaku Sano	63	Graduated, Private Institute Goto School in 1906 Appointed, S. Managing Director of Convex Printing Co.,g Ltd in 1943	Also, chairman of Board of Directors of Tokyo Paper Mfg Co., Ltd.
Director	Juichi Tsushima	62	Graduated, Tokyo Imp. Univ. in 1912 Appointed, Vice-Minister of Finance. Vice-President of Bank of Japan. Minister of Finance in 1945 Resigned it in the same year.	None
Director	Tadashi Adachi	67	Graduated, Tokyo Higher Commercial College in 1905 Appointed, President of Dji Paper Col, Ltd in 1941 Resigned, 1946.	None

DECLASSIFIED E.O. 12065 SECTION 3 NND 963

Director	Ataru Kobayashi	51	Graduated, Waseda Univ. Appointed, Director of Fukoku Life Insur. Co. Ltd. President of the above and of Life Insurance Association in 1943	President of Life Insurance Association (in Tokyo)
"	Mamoru Nagano	59	Graduated. Tokyo Imp. Univ. in 1915. Appointed. Director of Kishimoto Dirm Ltd. in 1933 Aduitor of Hakodate Dockyard in 1941	President of Bampo Trade Co., Ltd. (in Tokyo)
Director & Chief Construction Dept.	Toshio Kawajiri	62	Graduated, Engin. Dept. of Engin. College in 1908 Entered, Fuji-Paper Co., Ltd (Later combined to Oji Paper Co.,Ltd) in 1919 & appointed Chief of Design & Engine Sect. Resigned in 1946.	Member of Toyo Pulp Co., Ltd. no other side lines.
Auditor	Aiichiro Fujiyama	83	Graduated, Keio Univ. in 1918 Appointed. President of Shusei-sha Co., Ltd. in 1918 President of Dai-Nippon Snger Co., Ltd in 1934. Resigned, 1945.	President of Nitto Chemical Ind. Co., Ltd. (in Tokyo)
"	Chubei Ito	64	Graduated, Yawata Commercial School of Shiga Pref. in 1904 Mamaged Ito Firm of Marubeni Trade Co. in the same year. Presided Ito-Chu Trade Co., Ltd in 1918 Appointed, President of Daiken Ind. Co., Ltd in 1944	

DECLASSIFIED E.O. 12065 SECTION 3 NND NO.

Auditor	Kensaku Segoe	60	Graduated, First Mid. School of Hiroshima in 1908 Appointed, Chairman of Nippon "Chest & Go" Association Resigned, 1947	None.

DECLASSIFIED E.O. 12065 SECTION 3 NND

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. [redacted]

CHUGOKU
HIROSHIMA FINANCE BUREAU

SYM/th

KFL No. O-145

26 September 1950

To : Chugoku Civil Affairs Region,
Attn. Economic Section

Subject: COPY OF APPLICATION FOR CONVERSION PERMIT & MOVEMENT AND AUTHORIZED USE OF REPARATIONS EQUIPMENT - Toyo Pulp K.K.

1. Transmitted herewith is a copy of application of Toyo Pulp K.K. for conversion of reparations plant and for movement & authorized use of reparations equipment for operating a Kraft pulp plant.

2. As stated in the enclosed applications of the company, the Kraft pulp is very short in Japan. In order to meet the demand the present capacity of Kraft pulp plants is not enough.

3. In this respect it is an appropriate plan that the Toyo Pulp K.K. applied for the conversion of the former 11th. Naval Aero Arsenal at Hiro, Kure City into a Kraft Pulp Plant. The company also applies for the movement of a certain number of reparations equipment in the former Kure Naval Arsenal into the area at Hiro which is proposed for operation.

4. Reparations machines in Area "A" on the attached map which are not applied for the operation by the company will be consolidated to buildings "X" and "Y" and safeguarded at the cost of the company without charging any additional reparations fund. By the way the two buildings are in better shape than those in Area "A".

5. Such being the circumstances it will be greatly appreciated, if assistance and support be given by your office for the operation plan of the Toyo Pulp K.K., considering above all that the planned peace-time industry will much contribute to the relief of the severe unemployment problem in the present Kure City.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDS NO.

CHUGOKU
~~HIROSHIMA~~ FINANCE BUREAU

6. The application in original was sent out from the Chugoku Finance Bureau on 1 September 1950 to The Finance Ministry, Tokyo for submitting to SCAP.

S Yamanaka

SHIZUSO YAMANAKA
Chief of Liaison Section,
Chugoku Finance Bureau

Enclosures:
1. Application for conversion of reparations plant.
2. Application for movement & use of reparations equipment.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. [illegible]

APPLICATION FOR CONVERSION OF DESIGNATED REPARATIONS PLANT

(ENCL. 1)

Date: 19 July 1950

TO : Minister of Finance

FROM : Seiichi Tani
President of the Toyo Pulp K.K.
Adress : No. 1, Higashi-Matsushitacho. Kanda, Chiyoda-ku,
Tokyo-to.

1) Name of Plant and Code No. :
Chugoku Kosan Dead Storage Area in the former 11th Naval Aero-Arsenal, Code No. 11-6(8)

2) Location of Plant:
No. 15,500 Tsukumo, Hire-machi, Kure City

3) Category:
Former Naval Arsenal applied for conversion into a Kraft Pulp plant

4) Production:
Present: Not yet in operation
Planned: First Period (year 1951) Kraft Pulp 10,000 long tons
Second Period(yearly after 1952)
Kraft Pulp 20,000 long tons

5) Necessity for Conversion:
A) Motives and Reasons for the Start of the Enterprise:
a)From the Standpoint of Japanese domestic Industry:
The production of pulp in Japan dropped considerably due to the loss of Sakhalien, especially in the case of Kraft pulp only 29,391 long tons were produced in 1949 in comparison with 79,045 long tons in 1940. It represents only 37% of the output of the latter. In spite of the increasing amount of its import, the demand for pulp in Japan cannot be met at present.
Because, it is estimated by the Japanese Economic Stabilization Board that the demand for pulp in 1949 amounts to 69,900 long tons. Thus the unbalance between the demand and supply of pulp is very big.
Our company in view of the above stated circumstances has planned to operate a pulp plant at the above stated location to relieve, above all, the shortage of Kraft pulp which is earnestly demanded in Japan for making wrapping paper of stronger quality.

b) From the Standpoint of Export Articles:
In the Japanese economic policy export of domestic articles must be encouraged and developed to a full extent.
Without speaking of the quality and the prices of

product

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDS NO. [illegible]

products most of the Japanese export articles are packed in wooden crates which give an impression of bad outlooking and cause sometimes unexpected troubles in transactions as they are apt to be handled with less care because of their strong appearance and damages to the contained articles occur not seldom.

Herein is the reason why our company has a plan of the plant operation as stated in this application in order to contribute to the increase of production of Kraft Pulp as material of wrapping papers of stronger quality which will help in giving better appearnce, in preventing from damages by careless handling and reducing the costs of package of export goods except those which absolutely require wooden brates.

c)From the standpoint of industrial Suitability of former Arsenal to Conversion Purpose:

The area applied hereby for conversion suffered heavy damanges from air raid but still comprises usable lands, buildings and operable equipment. It is an earnest desire of the Japanese nation who is striving to become a peaceful country to establish peace-time industries. In connection herewith the conversion of former military arsenals into peace-time industries will be recommendable to raise the productive capacity and also to relieve the increasing unemployment in Japan.

The production of Kraft Pulp which is in a so big unbalance as stated above between demand and supply will be, in this meaning, one of the most urgently required peace-time industries in Japan. It will be no exaggeration to say that proper consumption of paper is a barometer indicating the cultural standard of a country. It will be quite suitable that one portion of the former 11th Naval Aero Arsenal will be converted into a Kraft Pulp Plant, considering the distribution of Pulp manufacturing plants in Japan, namely no Kraft Pulp plant is operated is operated in the western Japan except only one in Osaka.

B) Reasons why former 11th Naval Aero Arsenal is selected for operation:

a)Materials are easily obtainable for Pulp Industry:

The applied area is advantageously located in getting original lumbers from the Chugoku, Shikoku and Kyushu regions. In addition thereto the climate in this district is milder than in the northern part of Japan and good for the growth of trees. Thus there is no worry in getting original lumbers.

Coal can be easily brought in by sea as well as on land and the limestone of good quality is buried in the vicinity in a big amount. The salt cake which is one of the most important chemicals can be obtained from Iwakuni Plant of Teikoku Rayon K.K., Ube Kosan K.K. and Toyo Soda K.K. etc.

As these plants are all situated in the neighbouring prefecture, the chemicals can be obtained with no difficulty.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. [redacted]

b) The market of Kraft Pulp is in good hope:
It is very advantageous as Osaka-Kobe district and Shikoku demand Kraft Pulp in a big quantity.

c) The climate and the labor condition is good:
No consideration on the fluctuation of the climate is necessary for collecting various materials, as it is so mild in this district that there is no damage by snow.
Speaking of labors, the city has many unemployed people who have experience in working in factories.

d) Reasons from the standpoint of existing equipment:
A considerable number of equipment suitable for manufacturing Kraft Pulp is in dead storage in Kure and Hiro.

e) Reasons from the standpoint of the installation:
Although the lands and buildings, railroad sidings handling equipment etc. are damaged by bombing, they can be easily restored into a usable condition. It will be accordingly a good idea to convert the installation into a peace-time industry as soon as possible as much fund and many years will be required in case such an instllation is to be constructed anew.

f) Because of the above stated reasons the plant operation as applied by our company can be said to be a native industry and recommended as a most suitable one to stabilise the public life in the vicinity.

6) Additional reparations items needed for the above production:
As per attached list.

Signed: Seiichi Tani

SEIICHI TANI
President of Toyo Pulp K.K.

DECLASSIFIED E.O. 12065 SECTION 3 and 5, MR# 94-[illegible]

TRANSLATION

Kure Kei No. 836 Date: 17 August 1950

TO : Honorable Hayato Ikeda, Minister of Finance

FROM : Tedate Suzuki, Mayor of Kure City

SUBJECT : Recommendation to Toyo Pulp K.K.

It is earnestly desired to immediately restore the production of the chemical industry as one of the actions to promote the independence of the Japanese industry. Above all, the Toyo Pulp K.K. having the staffs of highest standard in the management and the technical sides was looking for a suitable place for establishing a pulp plant under the present circumstances of a big pulp shortage in the paper industry. The company has definitely selected the proper area of the former 11th. Naval Aero Arsenal which is most suitable for the pulp plant operation from the viewpoint of the surrounding conditions and existing equipment.

It is one of the urgent tasks of Kure City to rehabilitate the local industry by inviting manufacturing plants, to give works to many unemployees in the city and thus to stabilize the life of the inhabitants. In this regard the Kure City will completely cooperate with the Toyo Pulp K.K. and assist them in establishing a new plant inthis city. It is accordingly requested that you will favor us with special consideration to the plan of the company.

In order to realize in the future a full utilization of the applied area and a smooth conversion plan, the company is recommended hereby under the following conditions.

CONDITIONS

1. Within six(6) months hereafter the operation permit will be obtained and start the works.

2. No objection will be raised under circumstances to abandoning about 5,000 tsubo of the most southern portion of the applied area.