259 to 01-101-63	27	(27)	to	6"	Construct for Noodle making machines	"
261 from 01-101-64 to 01-101-107	44	Vice (44)	from to	3" 6"	(2nd. shop) Construct for Woolen looms	"
262 01-101-118	(")					
263 01-101-119		Vice		5"	Cut-off of wood	"
264 01-101-120						
265 (") 145 -15		Electric drill	Drilling Capacity 13	½HP	Drill	"
266 (") 145 -16		Electric drill	Drilling capacity 13	½HP	Drill	"
from 01-101-17 to 01-101-34	18	Surfece plates (18)			Construct for noodle macking machine & loom parts	"

284

Contracted
Aichi Mil. Govt.
RFM

(Non inventory machines) Ozone Plant

List of Items of Equipment in Authorized Use (appendix)

	Inventory Number New Number	Type of item	Operating dimensions, serial and/or model	Purpose for which item is being used	Number and date of permit under which item of equipment is operating
285	145-28	Tool grinder (Double wheels)	Diameter of wheel 200 Motor drive	Tool grind	Sep. 8, 1947
286	145-29	"	"	"	"
287	145-30	"	"	"	"
288	145-31	Fin grinder (Double wheels)	Diameter and width of wheel 350x50	Fin grind	"
289	381-4	Air compressor	Pressure of air 250 lbs 10HP Motor drive Model MG-25	For sand blasting apparatus	"
~~290~~	~~212-12~~	~~Electric Motor~~	~~5-7½-2-HP Model--MX~~	~~To drive a lathe. (Set on directly)~~	"
291	01-101-1	Turbo force flower	Model OOB. MH. 7.5 HP motor drive	melt of pigOiron	"
292	01-101-3	Circular saw	Diameter of saw 460 5 HP motor drive	Cutting of lumber	"
293	01-101-4	Oil filler	Centrifugal type 1 HP motor drive	Filter of oil	"
294	01-101-121	Sand blasting apparatus	(1 HP motor) Muffle type	Cleaning of cast iron skin.	"
295	01-101-122	Tumbler	Capacity 100 kg./H.	"	"

291	01-101-1	Turbo force flower	Model OOB. MH. 7.5 HP motor drive	melt of pigOiron	"
292	01-101-3	Circular saw	Diameter of saw 460 5 HP motor drive	Cutting of lumber	"
293	01-101-4	Oil filler	Centrifugal type 1 HP motor drive	Filter of oil	"
294	01-101-121	Sand blasting apparatus	(1 HP motor) Muffle type	Cleaning of cast iron skin.	"
295	01-101-122	Tumbler	Capacity 100 kg./H.	"	"

293 RtM

Total ~~294~~ 293

~~293~~ RtM

Confirmed 27 Aug. '48
Aichi Mil. Govt.
RtM

The ~~294~~ items listed on these 13 pages have been reviewed and confirmed by Aichi Mil. Govt for authorized use. Items of equipment other than these listed are not authorized for use.

RtM 1st Lt Ord

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

14 August 1948

SUBJECT: Reinstatement of Permit to Operate, Plant No. 01-101

THRU: Aichi Prefectural Liaison Office

TO: Okuma Tekko K.K., Ozone Plant 01-101
Minami 3-chome, 134, Ozone-cho
Nigashi-ku, Nagoya-shi

1. Reference, letter this Hqs dated 9 August 1948, subject: "Suspension of Permit, Plant No. 01-101.

2. You are hereby authorized to resume operations of your plant,

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

RLM/ek

9 August 1948

SUBJECT: Suspension of Permit, Plant No. 01-101

TO: Commanding Officer
Tokai-Hokuriku Military Government Region
APO 710

TO: Commanding General, Eighth Army
APO 343
ATTN: Military Government Section

1. In accordance with SD 21, par. 4 e, you are advised that the permit of Plant No. 01-101 (Ozone Plant of Okuma Tekko K.K.) was suspended this date until such time that satisfactory evidence is provided that existing directives with respect to maintenance and marking of equipment are being strictly and fully complied with.

FOR THE COMMANDING OFFICER:

FRANK L. BOCK
Major IMP
Adjutant

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

RLM/ek

9 August 1948

SUBJECT: Suspension of Permit, Plant No. 01-101

THRU: The Aichi Prefectural Liaison Office, Nagoya

TO: Governor, Aichi Prefecture

1. A recent inspection of Plant No. 01-101 (Ozone Plant of Okuma Tekko K.K.) disclosed failure to comply with existing directives with respect to:

a. Proper maintenance of equipment

b. Proper marking of equipment

c. Proper custody

2. You are advised that as of this date, the permit of subject plant is suspended until such time that satisfactory evidence can be given that all existing directives are being fully and strictly complied with.

FOR THE COMMANDING OFFICER:

FRANK L. BOCK
Major INF
Adjutant

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

INSPECTION RATING FOR "E" AWARD
Month of AUGUST 1948

MITSUBISHI #2
(OZONE PLANT) 01-25(B) "A"

	Possible Score	Actual Score
1. Maintenance of machines not in use:		
a. Cleanliness	20	13
b. Lubrication	20	13
2. Complete and correct marking of all equipment	15	13
3. Component parts marked and maintained correctly	15	14
4. Disposition and marking of SP machines	5	5
5. Correct system of maintenance being used	5	3
6. Attached card designating class of all items	10	10
7. Attached card designating origin of EX machines	10	10
TOTAL POINTS	100	81

"B"

NOT APPLICABLE

1. Authorized "U" machine record	3	____
2. Cleanliness of "U" machines	7	____
3. Lubrication of "U" machines	7	____
4. Maintenance conscious program	3	____
TOTAL POINTS	20	____
GRAND TOTAL		____

HURST (Inspector)
6 AUGUST 1948 (Date)

REMARKS:

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

INSPECTION RATING FOR "E" AWARD
Month of AUGUST 1948

OKUMA KK
(OZONE PLANT)
01-101

" A "

		Possible Score	Actual Score
1.	Maintenance of machines not in use:		
	a. Cleanliness	20	9-1=8
	b. Lubrication	20	9-1=8
2.	Complete and correct marking of all equipment	15	11-1=10
3.	Component parts marked and maintained correctly	15	10-1=9
4.	Disposition and marking of SP machines	5	5-1=4
5.	Correct system of maintenance being used	5	2-1=1
6.	Attached card designating class of all items	10	7-1=6
7.	Attached card designating origin of EX machines	10	7-1=6
	TOTAL POINTS	100	52

" B "

1.	Authorized "U" machine record	3	0
2.	Cleanliness of "U" machines	7	3.5-1=2.5
3.	Lubrication of "U" machines	7	3.5-1=2.5
4.	Maintenance conscious program	3	0
	TOTAL POINTS	20	5
	GRAND TOTAL		57

1/ Closed for work post maintenance
2/ Incorrect & incomplete marking
3/ Violation of custody

HURST (Inspector)
6 AUGUST 1948 (Date)

REMARKS:

GATE OPEN ON ARRIVAL. ENTRANCE TO PLANT GAINED WITHOUT PASS.

PLANT CLOSED UNTIL PROPERLY CLEANED.

9

OKUMA DEVELOPMENT CO., LTD.

27 Misshin, Teuji-machi,
Kita-ku, Nagoya

Feb. 14, 1948

Subject: ~~Application~~ Report for ~~permission~~ to Increase Machinery

Thru : Aichi Prefectural Governor

To : Aichi Military Government Team

We hereby apply for permission to buy the following machines and set them in our Ozone Plant being under reparations custody.

Name of machine	No.	Weight	Dimension	Maker	Remarks
Hack-saw	1	545 Kg.	l. 1,725mm. w. 890mm. h. 1,150mm.	Okuma	Second-hand. Grade B Motor drive 1 HP
Portable grinder	3	100 Kg.	l. 550mm. w. 450mm. h. 850mm.	Kokusan Flex K.K.	New. Grade A Motor drive 1 HP

Use: Necessary for manufacturing noodle making machines and woolen looms which are authorized and now being made.

Karoku Murasoke
President

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

EFJ/ek

8 September 1947

SUBJECT: Permission to Continue Operation

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

TO: Okuma Development Co., Ltd. Ozone Plant
#234, Minami 3-chome, Higashi Ozone-cho
Higashi-ku, Nagoya

1. This headquarters has no objection at present to the continued production of the Ozone plant of such items as were being produced by this plant at the time of its inclusion as a reparations object.

2. Permission of additional products must be obtained through the Central Liaison Office in Tokyo.

FOR THE COMMANDING OFFICER:

ROBERT W. HUTCHESON
Capt GSC
Executive officer

OKUMA DEVELOPMENT CO., LTD.

August 25, 1947

Okuma Development Co., Ltd. — Ozone Factory had not made any necessaries of war during the Pacific War, so it was unnecessary for us to get the permit for conversion from G H Q after the war and we accordingly continued to operate it. In December, 1946, however, the Ozone was added to the List of Machine Tool Industry of Reparations. Then in January, 1947 we filed the petition for conversion to your authorities to make sure. But we have not been given the Permit till to-day on the ground that it was not necessary for us, because we had continued operation on the occasion of being designated a Reparations Plant. By the way, whether we have a permit or not has been discussed of late, we hear.

On this connection, we appreciate it very much if you would be kind enough to give us a permit or a certification that a permit is unnecessary for us through your special consideration, as we have filed the petition for permission here again.

Kaoku Muraoka

Kaoku Muraoka
President

131
Serial No. of Report

APPLICATION FOR OPERATION OF OZONE PLANT AND REPORT ON INDUSTRIAL FACILITIES

TO: MG Sec. 8th Army
THROUGH: Jap. Liaison Office, Nagoya

Okuma Kogyo Kabushiki Kaisha
No. 27, Nisshin, Tsuji-machi, Kita-ku, Nagoya
(Name and Address of Reporting Unit)

25 Jan., 1947
(Date)

1. Name of Facilitty: Romaji : Okuma Kogyo Kabushiki Kaisha Ozone Kojo
English: Okuma Development Co., Ltd., Ozone Plant

2. Location: No. 134, Minami-3-chome, Higashi-ozone-cho, Higashi-ku, Nagoya.

3. Name of President: Karoku Muraoka

5. History

a. Date of construction : Oct. 1, 1921
b. Date of first operation : Oct. 1, 1921
c. 1935-1941 Production (Annual value in Yen; quantities of principal products by units or weight.)

Years	Total Output		Output of machine tools		
1935	992	¥ 3,202,153	990	¥ 3,092.607	
1936	964	3,221,383	956	3,121,419	Contains output of Hagino Factory and Nunoike Factory
1937	1580	5,072,653	1573	4,945,790	
1938	2771	10,666,553	2760	10,381,012	
1939	291	706,959	291	706,939	
1940	216	697,134	216	696,883	
1941	324	1,298,536	320	1,287,271	

d. Present capitalization in Yen ¥24,123,047 (Contains paid-up capital and debt)

e. Changes made in capital structure since 1935
Please see the additional sheet.

f. Name and address of parent company
Nothing

g. Number of shares outstanding : 410,000 (Value of each share ¥50)

h. Number of stock holders (Give names of those owning 10% or more of total)
Number : 1332
Name : Heisa Kikan Hokannin Iinkai (11.4%)

i. Fund received from Government (Bounties, subsidies, etc.)
Nothing

j. On a separate sheet give outline sketch of plant layout with approximate dimensions.
Please see the additional sheet.

5. General Description
   a. Principal Products.
      1. Wartime — Machine tools and Special machine tools
      2. At present — Looms & Their Attached machines, Noodle mfg. machines, Machine tools (Thread rolling machines and Lathes), Repairs (Looms and Machine tools and Machinery Parts (Looms and Noodle mfg. machine)
      3. Planned for 1946-47 Same as the above.
   b. Capacity
      1. Wartime (Monthly) Machine tools 12 ¥ 84,500
         Special machine tools 16 ¥ 108,700
      2. At present Please see the additional sheet.
      3. Planned for 1946-47 Same as the above (5.b.2.)

6. Number of Employees
   1. Wartime 553 (April, 1944)
   2. At present 237 (Jan., 1947)
   3. 1946-47 (At maximum capacity) 250

6. Machinery & Equipment in Plant

Description	Quantity	Condition
Machinery	146	Useful
Equipment	28	"

Regarding the details, please see the additional sheet.

7. Present stock of Raw materials, Supplies and Unfinished Goods

Description	Quantity	Condition
Steel	59,477 Kgs	Useful
Pig iron	about 80,000 Kgs	"

8. Present stocks of Finished Goods
   Nothing

9. Present stocks of Fuel

Description	Quantity	Condition
Cokes	5,000 kgs.	Useful

10. Machinery & Equipment needed for maximum production 1946-47
    Nothing

11. Raw materials & supplies needed
    a. For Present Capacity (1946-47 total as planned in 5.b.2. above)

Description	Quantity
Steel	473,400 Kgs.
Pig iron	1,320,100 "
Other metals	16,665 "
Wood	26,040 cubic feet.

    b. For Maximum (5b3 above)
       Please see the 11.a.

12. Fuel needed (monthly) (Do not include present stocks)
    Cokes 55 ₹
    (Needed for maximum production for 1946-47)

13. Additional personnel needed (Not locally available)

Special Skills	Number
Mechanical engineers	2
Metallurgic engineer	1

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

Description	Unit	Price
Looms OBE Type	1	¥ 42,000
" N K "	1	27,000
Noodle mfg. machines	1 set	20,388
Small Lathe	1	32,000
Thread rolling machine TR 4	1	5,500
Machinery parts & Repairs		Various.

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

We shall be very glad if you permit us to produce the Civilian Commodities as planned paragraph 5.a.3. & 5.b.3.

During the war we did not manufacture the tabooed articles in this plant, and so there is no necessity for "Permit for Operation".

Since the War-End time we have manufactured Looms and Noodle Manufacturing Machines etc. But in December, 1946 beeing designated as the reparation plant, we submit this application to make sure of it.

16. Certification by applicant

I certify that the information contained herein is true to the best of my knowledge and belief. I am authorized to sign for the above company.

Signed Kenkichi Murata

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 concertained. Fill in items from 1 to 16 inclusive. Ignore other blank files.

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

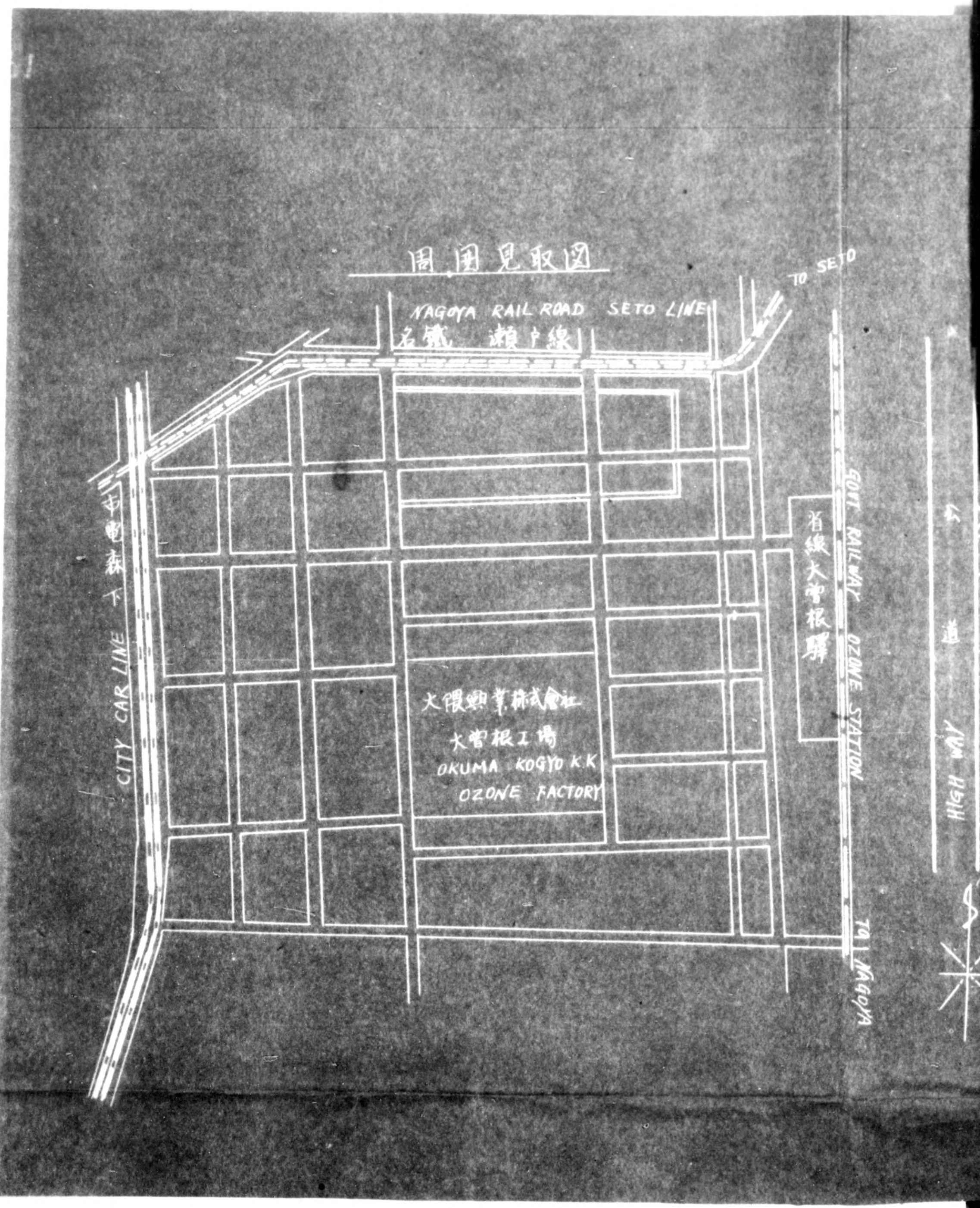
3. Use an additional sheet for data when there is not sufficient space on the face of the form.

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

4. e. Changes made in capital structure since 1935

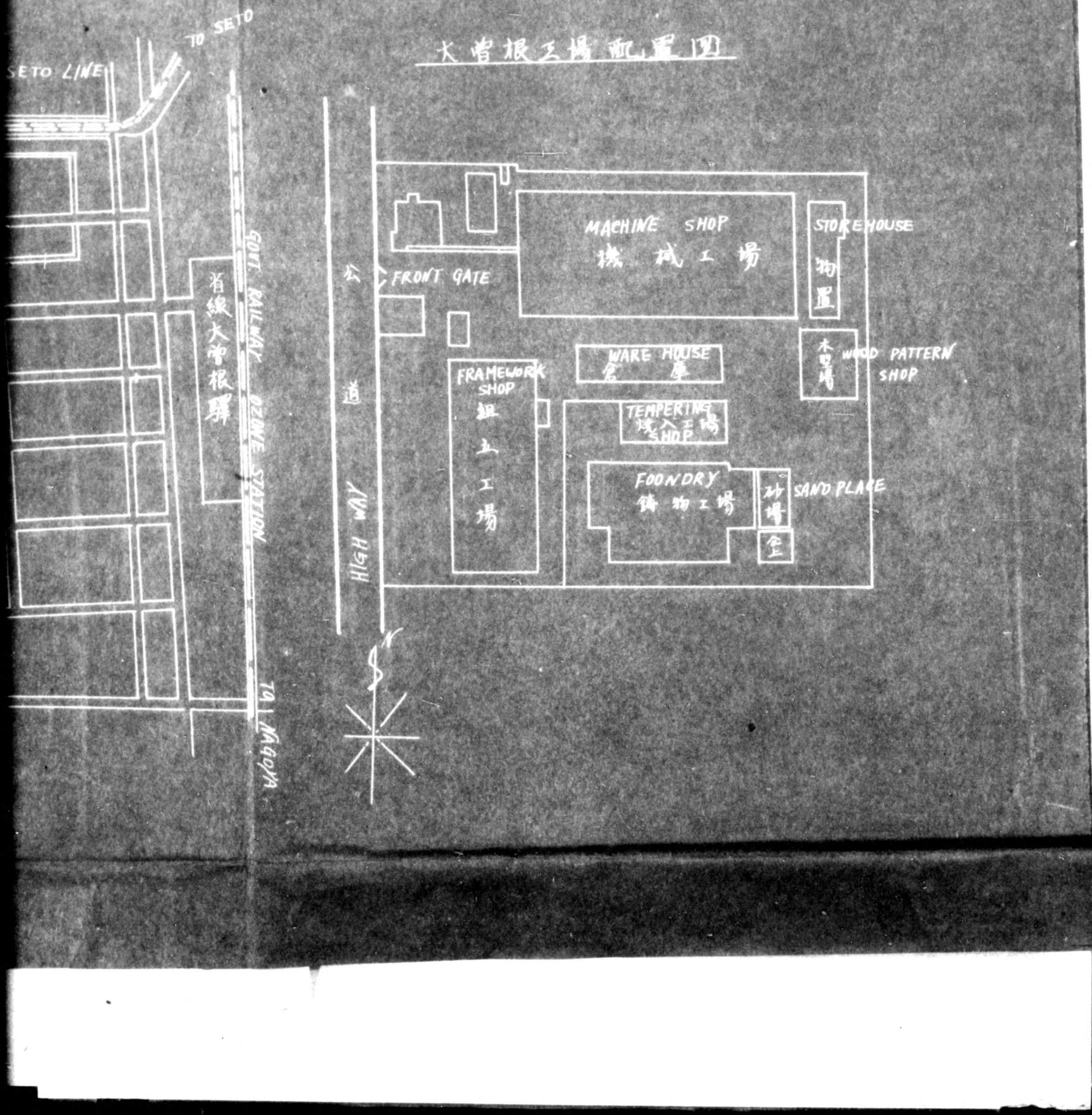
Year	Nominal Capital	Paid-up Capital	Debt
1935	¥ 2,000,000	¥ 1,250,000	¥ 297,725
1936	2,000,000	1,250,000	330,446
1937	4,000,000 (increased)	2,500,000	1,181,174
1938	10,000,000 (increased)	6,000,000	1,672,538
1939	10,000,000	10,000,000	1,406,670
1940	10,000,000	10,000,000	3,572,750
1941	20,000,000 (increased)	12,500,000	500,000
1942	20,500,000 (merged with Okuma Chuko K.K. and increased)	15,250,000	1,500,000
1943	20,500,000	15,250,000	
1944	20,500,000	15,250,000	6,000,000
1945	20,500,000	15,250,000	8,300,000
1946	20,500,000	15,250,000	6,270,000
1947	20,500,000	15,250,000	8,873,047

周囲見取図



OKUMA KOGYO K.K. OZONE FACTORY

大熊鉱業㈱オゾン工場配置図



5. b. 2. 5. b. 3. (January, 1946 - March, 1948)

Description	Quantity	Value in Yen
Looms	585	19,846,000
Attached machines to Looms	30	534,000
Noodle manufacturing machines	240 sets	4,893,120
Machine tools		
Thread rolling machines TR 4 type	10	55,000
Small Lathes LG type 470 x 1230	10	600,000
" " LH type 310 x 650	10	350,000
Repairs (Looms & Machine tools)	50	1,571,800
Machinery parts	for 200	400,000
looms " parts	400 Sets	400,000
(Picking parts)		
Noodle mfg. machine part (Dividing & cutting roller)	300	270,000
Total	.....	28,919,920

6. Machinery & Equipment in Plant

	Description	Type	Capacity	Maker	Number	Condition
1.	Horizontal lathes without lead screw	OD	624	Okuma	4	Useful
2.	Horizontal lathe with lead screw, up to 1000 mm center distance	OH	260x520	"	1	"
	"	OP	403x810	"	13	"
	"	UE	362x815	"	2	"
	"	OS	387x915	"	5	"
	" Shigen-Kyoku		442x840	"	4	"
	"	OS	440x700	"	2	"
	" motor drive	LU	400x800	"	2	"
	" "	LH	310x550	"	11	"
3.	Horizontal lathe with lead screw, above 1000 mm center distance	KE	457x2550	Uncertain	1	"
	"	KE	457x1270	Okuma	2	"
	"	OB	584x4200	"	1	"
	" Shigen-Kyoku		546x1350	"	2	"
	"	OP	407x1310	"	2	"
	"	OE	640x2700	"	1	"
	"	OE	622x1880	"	1	"
	" motor drive	OEG	622x1750	"	1	"
	" "	LD LD	740x2085	"	1	"
	" "	LE	630x2000	"	1	"
	" "	UE	825x2970	"	1	"
4.	Turret lathe with horizontal turret axis	TC No. 2	356x152	"	2	"
	"		285x150	"	1	"
	"	TN No. 2	330x260	"	1	"
5.	Centering machine		4"	"	1	"
6.	Horizontal boring and drilling machine	DN No. 2	64	610x915	"	1 "
	"	No. 2	64	855x935	Uncertain	1 "
	" motor drive	No. 2	30" x 56"		Ranno	1 "
	" " B	No. 3	90	838x1372	Okuma	1 "

6. Machinery & Equipment in Plant (Cont'd)

	Description	Type	Capacity	Maker	Number	Condition
7.	Radial drilling machine	DA No. 2	1600			
	"	motor drive	MT No. 5	Okuma	1	Useful
	"	DR motor drive	945			
			MT No. 4	"	1	"
	"	motor drive	945			
			MT No. 4	"	1	"
8.	Vertical drilling machine	DS	30"	"	2	"
	"	DU	22.5"	"	2	"
	"	DV	14"	"	1	"
	"	motor drive DV	14"	"	1	"
	"	DS	26"	"	1	"
	"	motor drive DH	14"	"	1	"
	"		14"	Horne	1	"
	"	DH	14"	Okuma	1	"
	"	motor drive DU	20"	"	1	"
9.	Gear cutting and hobbing machine	motor drive	24"			
	"	"	6 module	Kashifuji	1	"
			4 module	12" "	1	"
10.	Planing machine		33"x30"	108" Okuma	1	"
	"	PS	36"x38"	140" "	1	"
	"	motor drive PS	42"x54"	180" "	2	"
11.	Shaping machine	SC	20"	"	1	"
	"	ST	14"	"	1	"
	"	SC	16"	"	1	"
	"	SC	24"	"	2	"
	"	SS	24"	"	5	"
	"	SS	20"	"	1	"
	"	SS motor drive	24"	"	1	"
12.	Horizontal cylindrical grinding machine	GP	132 x 1070	"	1	"
	"	Hydraulic motor drive GHP	168x785	"	1	"
13.	Slotting machines	SR 9"	266	"	3	"
14.	Horizontal-spindle surface grinding machine	Rotary motor drive	17"	Kobayashi	1	"
15.	Tool grinding machine	GM motor drive	203 x 610	Okuma	4	"
16.	Plain milling machine	MP No. 2	710x150x370			"
	"		1170 x 305	"	1	
	"	MC No. 1½	510x205x430			"
			900x365	"	3	
	"	MP No. 2	710x255x480			"
			1340 x 305	"	1	
	"	Rincoln MR motor drive	1575x165x184	"	1	"
	"	MP No. 3 motor drive	865x305x510			"
			1600 x 380	"	1	

6. Machinery & Equipment in Plant (Cont'd)

	Description	Type	Capacity	Maker	Number	Condition
17.	Vertical-spindle milling machine	MC No. 1	600x305 305x178x320	Okuma	1	Useful
	"	V No. 2	500x200x250	Nitto	1	"
	" motor drive		710x305x369			
		ML No. 2	1340x268	Okuma	1	"
	" "	"	710x305x330			
			1340x305	"	1	"
	" "	MV No. 3	865x330x405			
			1600x380	"	1	"
18.	Universal milling machines with hor. spindle up to 80mm (in front bearing)	No. 1	500x170x300 850x200	Uncertain	2	"
	"	ML No. 2	710x254x457			
		motor drive	1340x268	Okuma	1	"
19.	Hack saw		12"	"	1	"
	"		8"	"	2	"
20.	Universal grinding machine	No. 3	160x1000	Koshigaya	1	"
	"		7½" x 40"	Tanaka	1	"
21.	Double emery grinder		14"	Uncertain	5	"
	" motor drive		9"	Mitsubishi	1	"
	" "		10"	Asahitoko	1	"
	" "		10"	Hitachi	1	"
22.	Oil grooving machine		254 x 203	Okuma	1	"
23.	Duplex horizontal miller		156"	"	1	"
24.	Gear tooth rounding machine		400	"	1	"
25.	Tool grinder	Glove	7"	"	1	"
	"	Wet motor drive	14"	Okaya	1	"
	"	" "	14"	Uncertain	4	"
			Total ----------		146	
1.	Electric transformer		50 KVA	Osaka-Henatsuki	3	"
	"		30 "	Takaoka-Seisakusho	1	"
2.	Electric motor for main shaft drive		1.5 KW	Uncertain	1	"
	"		3.75 "	"	6	"
	"		7.5 "	"	3	"
	"		11.25 "	"	1	"
	"		15 "	"	1	"
	"		0.75 "	"	1	"
3.	Air-compressor	Portable	3.75 "	Meiji-Seisakusho	1	"
	"		0.75 "	"	2	"
4.	Travelling crane		11.25 "	Uncertain	1	"
	"		7.125"	"	1	"
5.	Hand crane		3000Kg/day	"	3	"
6.	Melting furnace		3000Kg/day	"	1	"
	"		1000Kg/day	"	1	"
7.	Cupola		1000Kg/day	"	1	"
			Total ----------		28	

EVALUATION LIST OF

PLANTS MANUFACTURING MACHINE TOOLS

Okuma Development Co., Ltd.
Ozone Plant.

	No, of Machine	Price at 1939.
A. Machine Tools		
1. Boring Machines	4	¥ 60,881.
2. Broching Machines		
3. Drilling Machines	14	33,051.
4. Gear Cutting Machines	3	12,898.
5. Grinding Machines	20	55,318.
6. Lathes	63	169,459.
7. Milling Machines	16	103,568.
8. Planers	3	25,934.
9. Shapers and Slotters	16	50,588.
10. Saws	4	3,175.
11. Miscellaneous	3	4,058
B. Other Metal Working Machines		
1. Punching & Shearing Machines		
2. Sheat Forming Presses		
3. Forging Presses		
4. Steam Hammers		
5. Pneumatic Hammers		
6. Mechanical Hammers		
7. Miscellaneous		
a. Hand Press	2	1,222
b. Portable Grinders	2	294
c. Miscellaneous	5	757
C. Miscellaneous Equipment		
1. Foundry		
a. Electric Cupolas		
b. Other Cupolals	3	11,571.
2. Heat Treating Equipment		
a. Electric Farnaces	2	4,643
b. Boilers		
c. Other Farnaces	5	5,472
d. Drying Ovens	2	1,106
3. [illegible]		
a. Compressor	4	4,523
b. Cranes	15	37,956
c. Hoist		

6. Mechanical Hammers		
7. Miscellaneous		
a. Hand Press	2	1,222
b. Portable Grinders	2	294
c. Miscellaneous	5	757
C. Miscellaneous Equipment		
1. Foundry		
a. Electric Cupolas		
b. Other Cupolals	3	11,571.
2. Heat Treating Equipment		
a. Electric Furnaces	2	4,643
b. Boilers		
c. Other Furnaces	5	5,472
d. Drying Ovens	2	1,106
3. Auxiaries		
a. Compressor	4	4,523
b. Cranes	15	37,956
c. Hoist		
d. Miscellaneous (Trolley Block)	23	8,962
4. Power Supply		
a. Motors	12	2,533
b. Transformers	4	2,240
c. Switch Boards	4	3,523
d. Other Electric Apparatas	2	1,080
D. Other Removable Equipment		
1. Pumps Blowers	1	1,131
2. Testing Machines		
3. Foundry Equipment		
a. Sand-Blast	1	3,734
b. Tumbler	1	458
4. Separaters	4	2,285
E. Non-Removable Equipment (Machine Setting Cost)		45,115
F. Building		194,363
G. Land.		420,904
H. Special Value Estimated To Whole Plant		
I. Value Of Plant As A Whole		1,272,802

NOTE

E. A. Machine Tools are 5% of evaluated price B.C. & D. (Exclusive of Testing Machine) are 20 %.
F. Inclusive of Building and Attached Equipment.
G. Inclusive of Land and Attached Equipment.

Ozone plant
Mr. Kashiwagi.

151
Serial No. of Report

APPLICATION FOR OPERATION OF
OZONE FACTORY AND
REPORT ON INDUSTRIAL FACILITIES

TO : MG Sec. 8th Army

THROUGH: Jap. Liaison Office, Nagoya

Okuma Kogyo Kabushiki Kaisha
No.27, Kissnin, Tsuji-machi, Kita-ku, Nagoya.
(Name and Address of Reporting Unit)

25 Jan., 1947
Date

1. Name of Facility: Romaji : Okuma Kogyo Kabushiki Kaisha Ozore Kojo
English: Okuma Development Co., Ltd., Ozone Plant

2. Location No.134, Inami 3-chome, Higashi-ozone-cho, Higashi-ku, Nagoya.

3. Name of President: Karoku Muraoka

...story

a. Date of construction: Oct. 1, 1921
b. Date of first operation: Oct. 1, 1921.
c. 1935-1941 Production (Annual value in Yen; quantities of principal products by units or weights.)

Years	Total Output	Output of Machine tools	
1935	992 ¥ 3,202,153	990 ¥ 3,092,697	contains output of
1936	964 ¥ 3,221,388	956 ¥ 3,121,419	Nagino Factory and
1937	1580 ¥ 5,072,553	1573 ¥ 4,945,790	Funaike Factory
1938	2771 ¥10,066,553	2760 ¥10,381,012	
1939	291 ¥ 706,959	291 ¥ 706,939	
1940	216 ¥ 697,134	216 ¥ 696,883	
1941	324 ¥ 1,293,536	320 ¥ 1,287,271	

d. Present capitalization in Yen ¥24,123,047 (Contains paid-up capital and debt)

e. Changes made in capital structure since 1935

Please see the additional sheet.

f. Name and address of parent company

Nothing

g. Number of shares outstanding: 410,000 (Value of each share ¥50)

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

Number: 1632
Name : Heisa Kikan Hokennin Kumiai (114/)

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

Nothing.

j. On a separate sheet give outline sketch of plant layout with approximate dimentions.

Please see the additional sheet.

(Report on Industrial Facilities)

5. General Description

a. Principal Products

1. Wartime Machine tools and Special machine-tools

2. At present Looms & their Attached machines, Noodle mfg. machines, Machine tools (Thread rolling machines and Lathes), Repairs (Looms and Machine tools) and Machinery Parts (Looms and Noodle mfg. machine)

3. Planned for 1946-47 Same as the above.

b. Capacity

1. Wartime (monthly) Machine tools 12 ¥ 84,500
Special machine tools- 16 ¥108,700

2. At present Please see the additional sheet.

3. Planned for 1946-47 Same as the above (5.b.2)

c. Number of Employees

1. Wartime 553 (April, 1944)

2. At present 237 (Jan., 1947)

3. 1946-47 (At maximum capacity) 250

d. Machinery & Equipment in Plant

Description	Quantity	Condition
Machinery	146	Useful
Equipment	28	"

Regarding the details, please see the additional sheet.

7. Present stock of Raw materials, Supplies and Unfinished Goods

Description	Quantity	Condition
Steel	59,477 Kgs	Useful
Pig iron	about 30,000 Kgs	"

8. Present stocks of Finished Goods

Nothing

9. Present stocks of Fuel

Description	Quantity	Condition
Cokes	5,000 Kgs	Useful

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

Nothing

11. Raw materials & supplies needed
a. For Present Capacity (1946-47 total as planned in 5.b.2. above)

Description	Quantity
Steel	473,400 Kgs.
Pig iron	1,320,100 "
Other metals	16,665 "
Wood	26,040 cubic feet.

b. For Maximum (5b3 above)

Please see the 11. a.

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

Description	Quantity
Cokes	55 T

(Needed for maximum production for 1946-47)

13. Additional personnel needed (Not locally available)

Special Skills	Number
Machanical engineers	2
Metallurgic engineer	1

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

Description	Unit	Price
Looms ObE Type	1	¥ 42,000
" K "	1	¥ 27,000
Noodle mfg. machines	1 set	¥ 20,388
Small Lathe	1	¥ 32,000
Thread rolling machine TR 4	1	¥ 5,500
Machinery parts & Repairs		Various

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

We shall be very glad if you permit us to produce the Civilian Commodities as planned paragraph 5.a.3. & 5.b.3.

During the war we did not manufacture the tabooed articles in this plant, and so there is no necessity for "Permit for Operation".
Since the War-End time we have manufactured Looms and Noodle Manufacturing Machines etc. But in December, 1946 beeing designated as the interim reparation plant, we submit this application to make sure of it.

16. Certification by applicant

I certify that the information contained herein is true to the best of my knowledge and belief. I am authorized to sign for the above company.

Signed_____

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. Authrized 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. Fill in items from 1 to 16 inclusive. Do not use other blank files.

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

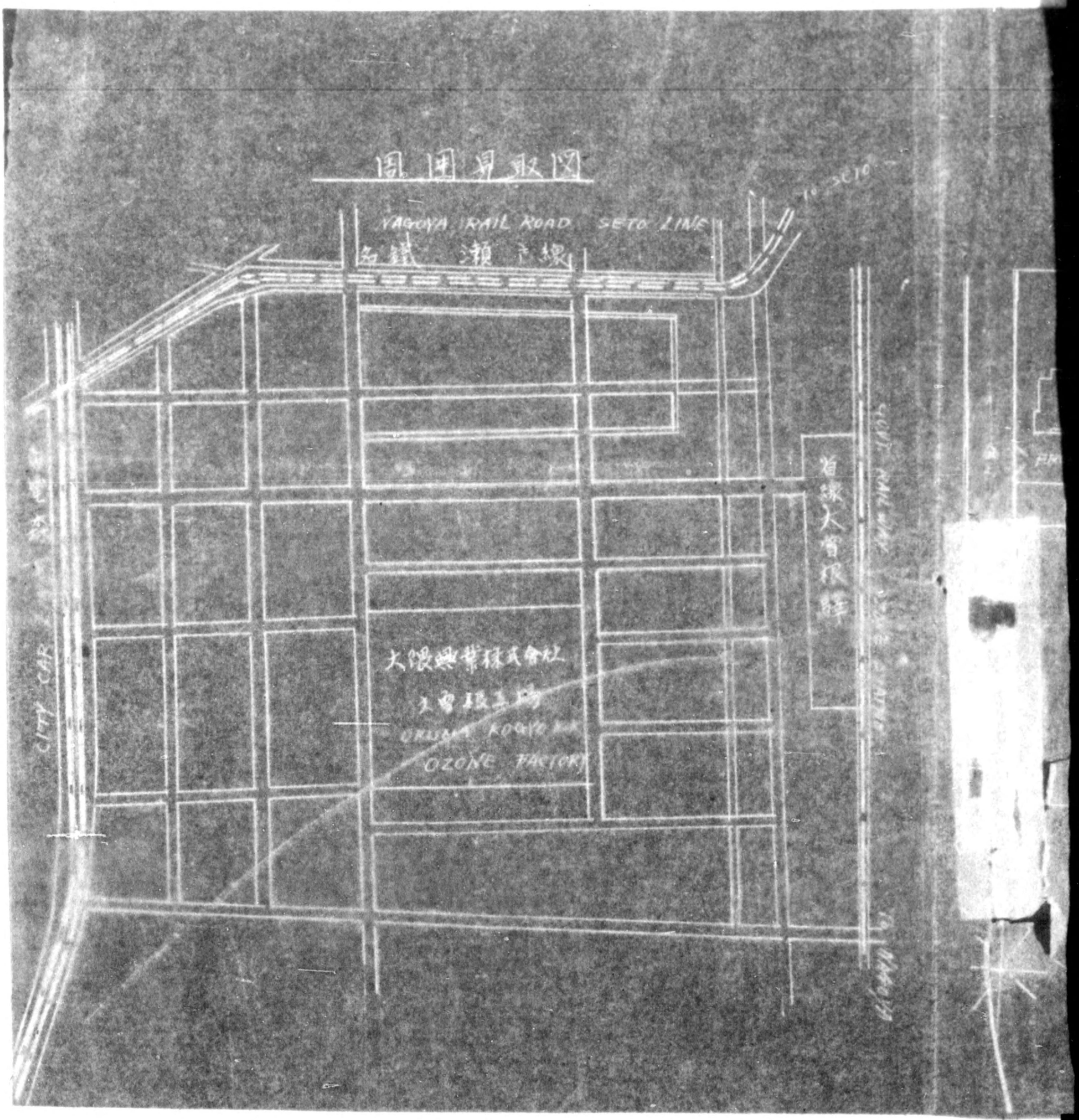
3. Use an additional sheet for data when there is not sufficient space on the face of the form.

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

4.c. Changes made in capital structure since 1935

Year	Nominal Capital	Paid-up Capital	Debt
1935	¥ 2,000,000	¥ 1,250,000	¥ 297,725
1936	¥ 2,000,000	¥ 1,250,000	¥ 330,446
1937	¥ 4,000,000 (increased)	¥ 2,500,000	¥1,181,174
1938	¥10,000,000 (increased)	¥ 6,000,000	¥1,672,538
1939	¥10,000,000	¥10,000,000	¥1,406,670
1940	¥10,000,000	¥10,000,000	¥3,572,750
1941	¥20,000,000 (increased)	¥12,500,000	¥ 500,000
1942	¥20,500,000 (merged with Okuma Shuko K. K. and increased)	¥15,250,000	¥1,500,000
1943	¥20,500,000	¥15,250,000	
1944	¥20,500,000	¥15,250,000	¥6,000,000
1945	¥20,500,000	¥15,250,000	¥8,300,000
1946	¥20,500,000	¥15,250,000	¥6,270,000
1947	¥20,500,000	¥15,250,000	¥8,873,047

4. J. Cutting sketch of Plant



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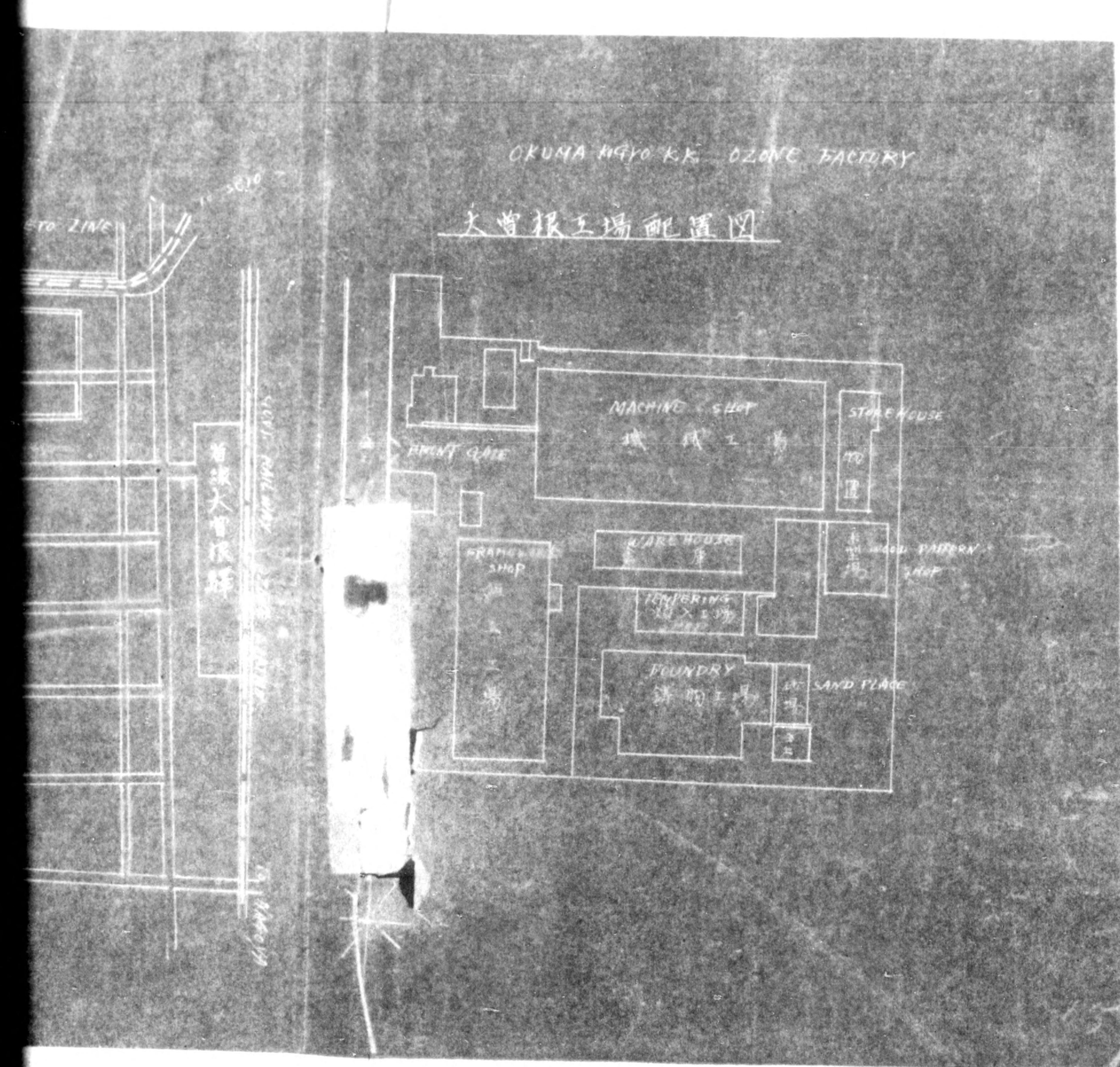
OKUMA NOGYO K.K. OZONE FACTORY

大熊農工場配置図



5. b. 2 5. b. 3 (January, 1946 - March, 1949)

Description	Quantity	Value in Yen
Looms	585	19,846,000
Attached machines to Looms	30	534,000
Needle manufacturing machines	240 sets	4,893,120
Machine tools		
Thread rolling machines TR4type	10	55,000
Shell Lathes LG type 470x1230	10	600,000
" " LH type 310x 650	10	350,000
Repairs (Looms & Machine tools)	50	1,571,800
Machinery parts		
Looms parts	for 200	400,000
" (Picking parts)	400 sets	400,000
Needle mfg. machine part (Dividing & cutting roller)	300	270,000
Total		28,919,920

. Machinery & Equipment in Plant

Description	Type	Capacity	Maker	Number	Condition
1. Horizontal lathes without lead screw	OD	o24	Okuma	4	Useful
2. Horizontal lathe with lead screw, up to 1000 mm center distance	OH	260x520	"	1	"
"	OP	403x810	"	13	"
"	UE	362x815	"	2	"
"	OS	387x915	"	5	"
"	Shigen-Kyoku	142x840	"	4	"
"	OS	440x700	"	2	"
" motor	LU drive	400x800	"	2	"
" motor	LH drive	310x550	"	11	"
3. Horizontal lathe with lead screw, above 1000 mm center distance	KE	457x2550	Uncertain	1	"
"	KE	457x1270	Okuma	2	"
"	OB	584x4200	"	1	"
"	Shigen-Kyoku	540x1350	"	2	"
"	OP	407x1310	"	2	"
"	OE	640x2700	"	1	"
"	OE	622x1880	"	1	"
" motor	OEG drive	622x1750	"	1	"
" motor	LD drive	740x2085	"	1	"
" motor	LE drive	630x2000	"	1	"
" motor	UE drive	825x2970	"	1	"
4. Turret lathe with horizontal turret axis	TC No.2	350x152	"	2	"
"		285x150	"	1	"
"	TM No.2	330x260	"	1	"
5. Centering machine		4"	"	1	"
6. Horizontal boring and drilling machine	DN No.2	64 610x915	"	1	"
"	No.2	64 855x935	Uncertain	1	"

o. Machinery & Equipment in Plant (Cont'd)

Description	Type	Capacity	Maker	Number	Condition
o. Horizontal boring and drilling machine (Cont'd)	No.2 motor drive 3"	30"x56"	Renno	1	Useful
"	B No.3 motor drive	90 838x1372	Okume	1	"
7. Radial drilling machine	DA No.2 motor drive	1000 MT No.5	"	1	"
"	DR motor drive	945 MT No.4	"	1	"
"	motor drive	945 MT No.4	"	1	"
8. Vertical drilling machine	DS	30"	"	2	"
"	DU	22.5"	"	2	"
"	DV	14"	"	1	"
"	DV motor drive	14"	"	1	"
"	DS	26"	"	1	"
"	DH motor drive	14"	"	1	"
"		14"	Horne	1	"
"	DH	14"	Okuma	1	"
"	DU motor drive	20"	"	1	"
9. Gear cutting and hobbing machine	motor drive	24" 6 module	Kashifuji	1	"
"	" "	12" 4 module	"	1	"
10. Planing machine		33"x30" 108"	Okuma	1	"
"	PS	36"x38" 140"	"	1	"
"	PS motor drive	42"x54" 160"	"	2	"
11. Shaping machine	SC	20"	"	1	"
"	ST	14"	"	1	"
"	SC	16"	"	1	"
"	SC	24"	"	2	"
"	SS	24"	""	5	"
"	SS	20"	"	1	"
"	SS motor drive	24"	"	1	"

6. Machinery & Equipment in Plant (Cont'd)

Description	Type	Capacity	Maker	Number	Condition
12. Horizontal cylindrical grinding machine.	GP	132x1070	Okuma	1	Useful
"	GHP Hydrolic motor drive	168x785	"	1	"
13. Slotting machines	SR 9"	266	"	3	"
14. Horizontal-spindle surface grinding machine	Rotary motor drive	17"	Kobayashi	1	"
15. Tool grinding machine	GM motor drive	203x610	Okuma	4	"
16. Plain milling machine		710x150x370			
	MP No.2	1170x305	"	1	"
"	MC No.1½	510x205x430 900x305	"	3	"
"	[illegible] No.2	710x255x480 1340x305	"	1	"
"	Lincoln MR motor drive	1575x[illegible]	"	1	"
"	MP No.3 motor drive	865x305x510 1000x380	"	1	"
17. Vertical-spindle milling machine	MC No.1	305x178x320 600x305	"	1	"
"	V No.2	500x200x250	Nitto	1	"
"	ML No.2 motor drive	710x305x369 1340x268	Okuma	1	"
"	"	710x305x330 1340x305	"	1	"
"	MV No.3 motor drive	865x330x405 1600x380	"	1	"
18. Universal milling machines with hor. spindle up to 80mm (in front bearing)	No.1	500x170x300 850x200	Uncertain	2	"
"	ML No.2 motor drive	710x254x457 1340x268	Okuma	1	"
19. Hack saw		12"	"	1	"
"		8"	"	2	"
20. Universal milling mechine	No.[illegible]	160x1000	Koshigaye	1	"
"		7½"x 40"	Tanaka	1	"
21. Double emery grinder		14"	Uncertain	5	"
"	Motor drive	9"	Mitsubishi	1	"
"	"	10"	Asahitoko	1	"

o. Machinery & Equipment in Plant (Cont'd)

Description	Type	Capacity	Maker	Number	Condit
21. Double emery grinder	motor drive	10"	Hitachi	1	Used
22. Oil grooving machine		254x203	Okuma	1	"
23. Duplex horizontal miller		156"	"	1	"
24. Gear tooth rounding machine		400	"	1	"
25. Tool grinder	Glove	7"	"	1	"
"	Wet motor drive	14"	Okaya	1	"
"	" "	14"	Uncertain	4	"
	Total - - - - - - - - - - - -			146	
1. Electric transformer		50 KVA	Osaka-Henetsuki	3	"
"		30 KVA	Taksoka Seisakusho	1	"
2. Electric motor for main shaft drive		1.5 KW	Uncertain	1	"
"		3.75KW	"	6	"
"		7.5 KW	"	3	"
"		11.25KW	"	1	"
"		15 KW	"	1	"
"		0.75KW	"	1	"
3. Air-compressor	Portable	3.75KW	Meiji Seisakusho	1	"
"	"	0.75KW	"	2	"
4. Travelling crane		11.25KW	Uncertain	1	"
"		7.125KW	"	1	"
5. Hand crane		3000Kg/day	"	3	"
6. Melting furnace		3000Kg/day	"	1	"
"		1000Kg/day	"	1	"
7. Cupola		1000Kg/day	"	1	"
	Total - - - - - - - - - - - -			28	

i

24 Feb. '47

Plant	Description	Maker	Number	Remarks
Kamiida Plant	Hardness tester (Rockwell type)	Uncertain	1	Impaired
"	(Br " " (Brinell type)	"	1	
		Total	2	
Ozone	Hardness tester (Rockwell type)	Uncertain	1	Impaired
		Total	1	
		Grand Total	3	

Chita Plant
Nunoike Plant } NOTHING

Jan 47

EVALUATION LIST OF
PLANTS MANUFACTURING MACHINE TOOLS
Okuma Development Co. Ltd
Ozone Plant

	No. of Machines	Price in 1939
A. Machine Tools		
1. Boring Machines	4	¥ 60,881.
2. Broching Machines		
3. Drilling Machines	14	33,051.
4. Gear Cutting Machines	3	12,898.
5. Grinding Machines	20	55,318.
6. Lathes	63	169,459.
7. Milling Machines	16	103,568.
8. Planers	3	25,934.
9. Shapers and Slotters	16	50,588.
10. Saws	4	3,175.
11. Miscellaneous	3	4,058.
B. Other Metal Working Machines		
1. Punching & Shearing Machines		
2. Sheat Forming Presses		
3. Forging Presses		
4. Steam Hammers		
5. Pneumatic Hammers		
6. Mechanical Hammers		
7. Miscellaneous		
a. Handdpress	2	1,222.
b. Portable Grinders	2	294
c. Miscellaneous	5	757
C. Miscellaneous Equipment		
1. Foundry		
a. Electric Cupolas		
b. Other Cupolas	3	11,571.
2. Heat Treating Equipment		
a. Electric Furnaces	2	4,643.
b. Boilers		
c. Other Furnaces	5	5,472
d. Drying Ovens	2	1,106
3. Auxiliaries		
a. Compressor	4	4,523
b. Cranes	15	37,956
c. Hoist		
d. Miscellaneous (Trolley Block)	23	8,962
4. Power Supply		
a. Motors	12	2,533
b. Transformers	4	2,240
c. Switch Boards	4	3,523
d. Other Electric Apparatus	2	1,080

EVALUATION LIST OF PLANTS MANUFACTURING MACHINE TOOLS
Okuma Development Co.
Ozone Plant

D.	Other Removable Equipment			
	1. Pumps Blowers	1	1	1,131.
	2. Testing Machines			
	3. Foundry Equipment			
	a. Sand-Blast	1		3,734
	b. Tumbler	1		458
	4. Separaters	4		2,285
E.	Non-Removable Equipment (Machine Setting Cost)			45,115
F.	Building			194,363
G.	Land			420,904
H.	Special Value Estimated to Whole Plant			
I.	Value of Plant as A Whole			1,272,802.

NOTE:

E. A. Machine Tools are 5% of evaluated price B.C. & D (Exclusive of Testing Machine) are 20%
F. Inclusive of Building and Attached Equipment
G. Inclusive of Land and Attached Equipment

E-454

ff

INVENTORY FORM FOR MACHINE TOCL AND BALL AND ROLLER BEARING PLANTS

DATE 20 Feb 1947

Name of Company Okuma Tekkosho KK Related SCAPIN # 1416

Name of Plant Ozone Factory Code # 01-101

ADDRESS 134, Minami, 3-chome, Higashi-ozone-cho, Higashi-ku, Nagoya

	Number Tallied
1. METAL WORKING MACHINES	153
A. MACHINE TOCLS	144
1. Boring machines	4
2. Broaching machines	0
3. Drilling machines	14
4. Gear cutting and finishing machines	3
5. Grinding machines	24
6. Lathes	60
7. Milling machines	15
8. Planers	4
9. Miscellaneous machine tools	20
B. SECONDARY METAL FORMING AND SHARING MACHINES AND EQUIPMENT	2
1. Bending machines	0
2. Hydraulic presses	0
3. Manual presses	2
4. Mechanical presses	0

INVENTORY FORM FOR MACHINE TOOL AND
BALL AND ROLLER BEARING PLANTS

DATE 20 Feb 1947

Name of Company Okuma Tekkosho KK Related SCAPIN # 1416

Name of Plant Ozone Factory Code # 01-101

ADDRESS 134, Minami, 3-chome, Higashi-ozone-cho, Higashi-ku, Nagoya

	Number Tallied	
B. SECONDARY METAL FORMING & SHARING MACHINES & EQUIPMENT (cont'd)		
5. Shearing and punching machines	0	
6. Forging machinery	0	
7. Wire forming machines	0	
8. Miscellaneous	0	
9. Other metal working machinery and equipment	0	
C. MISCELLANEOUS METAL WORKING EQUIPMENT		7
1. Welding machines, all types	1	
2. Testing and measuring machines, all types	0	
3. Miscellaneous physical property testing	0	
4. Heat treating equipment	6	
5. Portable metal working machines	0	
11. ELECTRICAL MACHINERY AND APPARATUS		20
A. ELECTRICAL ROTATING EQUIPMENT		12
1. Generators	0	
2. Motors (5 HP and over)	11	

INVENTORY FORM FOR MACHINE TOOL AND
BALL AND ROLLER BEARING PLANTS

DATE 20 Feb 1947

Name of Company Okuma Tekkosho KK Related SCAPIN # 1416

Name of Plant Ozone Factory Code # 01-101

ADDRESS 134, Minami, 3-chome, Higashi-ozone-cho, Higashi-ku, Nagoya

	Number Tallied
A. ELECTRICAL ROTATING EQUIPMENT (cont'd)	
3. Motor Generators	0
4. Frequency changers	0
5. Convertors and invertors Static Condensor	1
6. Generator Sets (Direct coupled to prime mover)	0
B. PRIMARY ELECTRIC POWER TRANSMISSION AND DISTRIBUTION EQUIPMENT	8
1. Transformers	4
2. Switch (board)	4
III. GENERAL PURPOSE INDUSTRIAL MACHINERY AND EQUIPMENT	38
A. ENGINES AND TURBINES	0
1. Steam Engines	0
2. Steam Turbines	0
3. Internal Combustion Engines	0
B. COMPRESSORS AND PUMPS	3
1. Compressors and Dry Vacuum Pumps	3
2. Pumps	0
C. MISCELLANEOUS MACHINERY AND EQUIPMENT	35
1. Power Boilers	0
2. Cranes	35

List of machinery & equipment

Name of Plant: Ozone Plant

Address : 134, Minami-3-chome, Higashi-ozone-cho, Higashi-ku, Nagoya.

Name	Type	Capacity	Maker	No.	Owner
Horizontal Surface Grinder		430 m/m	Kobayashi	1	Okuma
Internal Grinder	No.3	330 m/m	Koshigaya	1	"
"		380 "	Tanaka	1	"
Cylindrical Grinder	GHP	150 "	Okuma	1	"
"	G P	260 "	"	1	"
Gear tooth rounding machine			"	1	"
Gear cutting machine		300 m/m	Kashifuji	1	"
"		600 m/m	"	1	"
Vertical milling machine	M-3	865x305x405	Okuma	1	"
"	M-2	710x255x330	"	1	"
"	M1-2	710x305x369	"	1	"
"	No. 2	560x200x300	Nitto	1	"
" MC	No. 1	305x178x320	Okuma	1	"
Universal tool grinder	GM	203	"	4	"
Universal milling machine	No. 1	460x117x295	Tohotekko	2	"
"	M1-2	710x254x457	Okuma	1	"

Gear cutting machine		300 m/m	Kashifuji	1	"
"		600 m/m	"	1	"
Vertical milling machine	M-3	865x305x405	Okuma	1	"
"	M-2	710x255x330	"	1	"
"	M1-2	710x305x369	"	1	"
"	No. 2	560x200x300	Nitto	1	"
" MC	No. 1	305x178x3[illegible]	Okuma	1	"
Universal tool grinder	GM	203	"	4	"
Universal milling machine	No. 1	460x117x295	Tohotekko	2	"
"	M1-2	710x254x457	Okuma	1	"
Horizontal milling machine	Lincoln	515x165x184	/"	1	"
"	MF	700x220x300	"	1	"
"	MC-1½	510x205x430	"	3	"
"	M - 2	710x255x480	"	1	"
"	M - 3	865x305x510	"	1	"
Slotting machine	SR	430x266	"	3	"
Vertical drilling machine	DU 22½	587x 25	"	1	"
"	DS	762x 50	"	2	"
"	DV 14	370x 10	"	1	"
"	DU-3	587x 25	"	1	"
"	DV-1	360x 13	"	1	"
"		300x130	Uncertain	1	"

Name	Type	Capacity	Maker	No.	Owner
Vertical drilling machine	DH-2	380 x 22	Okuma	1	Okuma
"	DS-5	762 x 50	"	1	"
"	DU-3	587 x 28	"	1	"
"	D H	380 x 32	"	1	"
Bite grinder			Alfred Herbert	1	"
"		14"	Okuma	1	"
"	G F	14"	"	2	"
"	Double emery		Mitsubishi	2	"
"	"		Uncertain	1	"
"	"		Mizuho Kikai	1	"
"	"		ASahitoko	1	"
"	G T		Okuma	2	"
"	G T		Uncertain	1	"
"	Double emery	468 m/m	"	1	"
"	"	460 "	"	3	"
"	"		Hidachi	1	"
Horizontal boring & drilling machine	HB-1	64 m/m	Okuma	1	"
"	D H	64 m/m	"	1	"
"		80 m/m	Reino	1	"
"	3 B	90 m/m	Okuma	1	"
Lathe	KE	430 x 2500	"	1	"

"	G T	"	Okuma	2	"
"	G T	"	Uncertain	1	"
"	Double emery	468 m/m	"	1	"
"	"	460 "	"	3	"
"	"		Hidechi	1	"
Horizontal boring & drilling machine	HB-1	64 m/m	Okuma	1	"
"	D N	64 m/m	"	1	"
"	3 B	80 m/m	Reiino	1	"
"		90 m/m	Okuma	1	"
Lathe	KE	430 x 2500	"	1	"
"	UE	362 x 815	"	2	"
"	KE	457 x 1270	"	2	"
"	CS	387 x 915	"	7	"
"	CF	403 x 880	"	2	"
"	CF	403 x 810	"	12	"
"	CD	624	"	4	"
"	CB	558 x 4090	"	1	"
"	CH	260 x 520	"	1	"
"	S	320 x 900	"	2	"
"	CE	622 x 2680	"	1	"
"	"	622 x 1880	"	1	"
"	S	420 x 1300	"	2	"
"	S	400 x 800	"	1	"
"	S	420 x 800	"	1	"

Name	Type	Capacity	Maker	No.	Owner
Lathe	O P	403x 800	Okuma	1	Okuma
"	L P	740x2085	"	1	"
"	OEG	622x1750	"	1	"
"	L E	630x2000	"	1	"
"	K E	457x3800	"	1	"
"	L U	400x 800	"	2	"
"	L H	310x 550	"	11	"
"	L	30x 400	"	1	"
Planer		770x 770	Osakakikai	1	"
"		1050x1050	Okuma	1	"
"	P S	915x 915	"	1	"
"	P S	1050x 915	"	1	"
Shaper	SC	510x 610	"	1	"
"	"	405x 450	"	1	"
"	"	610x 760	"	2	"
"	ST	368x 470	"	1	"
"	SS	610x 760	"	6	"
"	"	510x 610	"	1	"
Hack saws		203x 230	"	2	"
"		300 m/m	"	1	"
Centering machine	A	4"	"	1	"
Radial drilling machine		250x 850	Yuasatekko	1	"

Shaper	SQ	510 x 610	"	1	"
"	"	405 x 450	"	1	"
"	"	610 x 760	"	2	"
"	ST	368 x 470	"	1	"
"	SS	610 x 760	"	6	"
"	"	510 x 610	"	1	"
Hack saws		203 x 230	"	2	"
"		300 m/m	"	1	"
Centering machine	A	4"	"	1	"
Radial drilling machine		230 x 850	Uncertain	1	"
"	DA-2	450 x 1600	Okuma	1	"
"	DR-3	270 x 945	"	1	"
Surface lathe			"	1	"
Two spindle spline milling machine		4000 x 670	"	1	"
Circular saw			Uncertain	1	"
Oil grooving machine		203	Okuma	1	"
Turret lathe	T C	25 m/m	"	2	"
"	TC-2	25 m/m	Inouetekko	1	"
"	TC	40 m/m	"	1	"
Centrifugal oil separator			Uncertain	1	"
Electric motor	ISQ	5 HP	Yasukawa	5	"
"	"	"	Mitsubishi	1	"

Name	Type	Capacity	Maker	No.	Owner
Electric Motor	LSK	15 HP	Yasukawa	1	Okuma
"	FOK	20 HP	"	1	"
"	M L	10 HP	Mitsubishi	1	"
"	I K	10 HP	Shibaura	2	"
Distributing board		250V 500A	Nippondenki	2	"
"		250V 800A	"	1	"
"		3300V 100A	"	1	"
Electric transformer		30 KVA	Kawakitadenki	1	"
"		50 "	Osakahenatsuki	3	"
Electric condenser		50 "	Hidachi	1	"
Jib crane		1000 Kg	Ito seisaku	4	"
"		"	Uncertain	9	"
"		500 Kg	Matsubara	1	"
"		1000 Kg	Ito tekko	3	"
"		500 Kg	Uncertain	5	"
"		800 Kg	Ito tekko	1	"
"		500 Kg	Aikoku kikai	1	"
"		1000 Kg	Nippon chain	1	"
"			Uncertain	6	"
"		500 Kg	Asahi kikai	1	"
"		2000 Kg	Uncertain	1	"
Compressor	No. 230	5 HP	"	1	"
"					

"		500 Kg	Matsubara	1	"
"		1000 Kg	Ito tekko	3	"
"		500 Kg	Uncertain	5	"
"		500 Kg	Ito tekko	1	"
"		500 Kg	Aikoku kikai	1	"
"		1000 Kg	Nippon chain	1	"
"			Uncertain	6	"
"		500 Kg	Asahi kikai	1	"
"		2000 Kg	Uncertain	1	"
Compressor	No. 230	5 HP	"	1	"
"		10 HP	Meiji	1	"
"			Uncertain	2	"
Press		100 Kg	"	1	"
"		1000 Kg	Okuma	1	"
			"	2	"
Cupola		1000 Kg	Uncertain	1	"
"		3000 Kg	"	1	"
"		1500 Kg	"	1	"
Travelling crane		5 tons	"	2	"
"		3 "	"	1	"
"		3 "	Meiji	1	"
"		5 "	Osaka Akitoku	1	"
Blower		7½ HP	Hidachi Seisaku	1	"

Name	Type	Capacity	Maker	No.	Owner
Sand blasting machine		1 HP	Meiji Seisaku	1	Okuma
Tumbler			Okuma	1	Okuma
Electric furnace	SII	45 KVA	Fuji Denryoku	1	Okuma
"	SI-S	28 "	"	1	Okuma
Heat treating furnace			Okuma	3	Okuma
"			Uncertain	1	Okuma
Electric welding machine	AB	8 KW	Okuma	1	Okuma
Tempering apparatus			"	1	Okuma
Oil separator	D30		Kondo Seisaku	1	Okuma
Roundry machine			Asahi Kikai	2	Okuma
Disc grinder			Uncertain	2	Okuma
			Total	239	

Uncertain 1 2 Crime

Total 239

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Ozone ()

Okuma

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

030'B/ek

7 January 1947

SUBJECT: Revised Listing of Reparations Selections

TO : Japanese Liaison Office

1. The following revisions of the reparations list are noted for your information.

a. The Tamao-machi factory of the Hiraiwa Tekko KK and the Nagino factory of the Okuma Tekko KK are removed from the reparations list and are hereby relieved of all responsibility for special maintenance and custody of machinery subject to reparations.

b. The Muneike and the Ozone factories of the Okuma Tekko KK are added to the list of reparations selections within the Machine Tool Industry and are subject to all directives pertaining to Reparations Selections.

c. The Chita factory of the Okuma Tekko KK remains on the reparations list but is transferred from the selections within the munitions industry to the selections within the Machine Tool Industry.

2. You are directed to forward this information to the factories concerned.

FOR THE COMMANDING OFFICER:

ROBERT W. HUTCHESON
Captain CMP
Adjutant