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

LIST OF FACILITIES FOR APPLICATION

Kawaminami Kogyo K.K.

Hiro Seisakusho

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

List of Facilities for Application

Code No. 11-06 11-05

Name of Plant. 11th Naval Aeronautical Arsenal
Kure Naval Arsenal

Address of Plant. Hiro-machi, Kure, Japan
Miyahara-dori, Kure, Japan

Machinery

Inventory No.	Name of Machine	Brief Specification	Quantity
11-8(8)-148	Dynamometer-Water Brake	Rated Shaft Max. 15,000 HP. R.P.M. 300 -- 450	1
" 150	"	Rated Shaft Max. 24,000 HP. R.P.M. 240 -- 400	1
11-6(8)- 53	Lathe-Engine	S.O.B. 480 mm Center distance 1,300 mm	1
" 56	"	" " 560 mm 1,250 mm	1
" 58	"	" " 500 mm 1,300 mm	1
" 161	Lathe-Facing	S.O.B. 440 mm Bed Length 1,400 mm	1
" 175	Grinding Machine-Cam	Table travel 440 x 400 mm	1
" 182	Horizontal Milling Machine	Table travel 800 x 300 x 250 mm	1
" 193	Grinding Machine-Fellow Cutter Generating	Max. Dia. of Works 220 mm	1
" 224	Shaper	Stroke 380 mm Table travel 300 x 380 mm	1
" 427	Boring Machine-Horizontal	Face plate Dia. 660 mm	1
" 428	Radial Drilling Machine	Capacity Dia.x Depth 70 x 200 mm	1
" 431	"	Spindle/Table Max. distance 1,250 mm	1

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1 1-6(8)-439	Boring Machine-Jig-Hydraulic	Spindle travel Table travel	1,030 x 200 mm 1,400 mm		1
" 511	Lathe-Gap	S.O.B. Center distance	600 mm 1,200 mm		1
" 598	Tool Grinding Machine	Chucking Capacity Wheel Size	46 mm 180 x 120 mm		1
" 610	Grinding Machine-Horizontal	Face plate Dia.	640 mm		1
" 613	Horizontal Milling Machine-Knee type	Table travel 500 x 250 x 380 mm			1
" 653	Shaper	Ram Stroke Table travel	600 mm 350x 550 mm		1
" 654	"	Ram Stroke	675 mm		1
" 740	Universal Milling Machine	Table travel 480 x 240 x 170 mm			1
" 764	Lathe-Engine	S.O.B. Center distance	500 mm 1,100 mm		1
" 766	" -Gap	S.O.B. Center distance	900 mm 1,500 mm		1
" 768	" -Engine	" "	412 mm 1,050 mm		1
" 775	"	" "	420 mm 820 mm		1
" 807	"	" "	360 mm 900 mm		1
" 818	"	" "	460 mm 650 mm		1
" 819	"	" "	420 mm 1,200 mm		1
" 821	"	" "	500 mm 550 mm		1
" 842	Lathe-Turret	S.O.B. Spindle Hole	600 mm 75 mm		1
" 847	Boring Machine	Bar. Dia.	75 mm		1
" 849	" -Horizontal	Table Size 1,525 x 900mm			1
" 850	Vertical Milling Machine	Table travel 750 x 425 x 585 mm			1
" 848	Boring Machine	Bar Dia.	90 mm		1

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11-6(8)-851	Boring Machine	Saddle travel	660 mm	1
" 852	Lathe-Engine	S.O.D. Bed Length	900 mm 5,650 mm	1
" 859	Horizontal Boring Machine	Table travel 1,220 x 450 mm Face plate Dia. 700 mm		1
" 870	Gear Tooth Grinding Machine	Capacity Max. Dia.x W.x M.P. 250 x 150 x 10 mm		1
" 872	Lathe-Turret	S.O.B. Bed Length	460 mm 2,150 mm	1
" 881	Vertical Milling Machine	Table travel 420 x 320 mm		1
" 904	Horizontal Grinding Machine	S.O.B.	320 mm	1
" 913	Vertical Milling Machine	Table travel 900 x 400 x 550 mm		1
" 914	"	Table travel 700 x 350 x 200 mm		1
" 916	Horizontal Milling Machine	Table travel 1,340 x 300 mm		1
" 920	" Knee TYPE	Table travel 760 x 350 mm		1
" 928	Gear Shaper	Max. Dia.x W.x M.P. 700 x 150 x 7 mm		1
" 931	Vertical Milling Machine	Table travel 650 x 360 x 400 mm		1
" 932	"	Table travel 650 x 360 x 400 mm		1
" 975	"	Table travel 800 x 380 x 360 mm		1
" 989	Gear Tooth Cutting Machine-Bevel Gear	Cutting Capacity Dia.xFacexM.P. 450 x 95 x 8 mm		1
" 1179	Lathe-Engine	S.O.B. Center distance	340 mm 600 mm	1.
" 1183	"	" "	480 mm 600 mm	1
" 2411	Radial Drilling Machine	Capacity Dia.x Depth 50 x 150 mm		1
"2 2583	Cam Grinding Machine	S.O.B.	280 mm	1
" 2584	"	"	240 mm	1

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11-8(8)-	140	Lathe-Engine	S.O.B. Center distance	500 mm 1,620 mm	1
"	201	Straight Line Graduater	Table travel	1,020 mm	1
"	202	Circular Graduater	Table Dia.	660 mm	1
"	205	Lathe-Engine	S.O.B. Center distance	360 mm 750 mm	1
"	207	Tool Grinding Machine	Wheel Size Table Size	150 x 20 mm 340 x 150 mm	1
"	213	Boring Machine-Horizontal	Bar Dia.	900 mm	1
"	251	Sawing Machine-Circular Saw	Cutting Capacity Saw Dia.	220 mm 450 mm	1
11-5(6)-	288	Boring Machine	Capacity Table Size	100 mm 7,200 x 1,800 mm	1
"	290	Boring Machine-Horizontal	Bar Dia. Bar travel	130 mm 840 mm	1
"	325	Edge Planer	Max. Work Size 10,100 x 1,200 x 1,200 mm		1
"	338	"	"		1
			19,100 x 1,170 x 1,170 mm		1
"	340	Universal Drilling Machine	Capacity Dia.	32 mm	1
"	354	"	"	32 mm	1
"	358	"	"	32 mm	1
"	675	Surface Boring Machine	Spindle Dia. Spindle travel	80 mm 600 mm	1
"	1091	Lathe-Engine	S.O.B. Center distance	1,360 mm 3,000 mm	1
"	1392	Milling Machine	Table size 2,000 x 1,000 mm		1
"	1431	Slotter-Vertical	Ram Stroke Table Dia.	1,000 mm 1,650 mm	1
"	1444	Surface Boring Machine	Face Plat Dia.	750 mm	1
"	1462	Grinding Machine-Surface -Vertical	Table Dia. Table travel	1,000 mm 500 mm	1
"	1477	Gear Cutting Machine	Max. Dia. of Works 1,100 mm Module 30 Spindle travel 780 mm		1

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11-5(6)-1494	Horizontal Boring Machine	Spindle Dia. Spindle travel	80 mm 600 mm	1
" 2382	Lathe-Engine	S.O.B. Center distance	140 mm 3,800 mm	1
" 2354	Horizontal Boring Machine	Spindle Dia. Spindle travel	110 mm 630 mm	1
" 3331	Planer	Max. Work Length 13,000 mm Table Size 14,000 x 4,900 mm		1

Total 80

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RECEIPT

I will have good custody of the designated reparation machinery and obey the order concerning it.

Hiro Seisakusho

Kawaminami Kogyo K.K.

Senji Iwamoto

Signed by the president

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MANUFACTURING AND INDUSTRY
FILE 11-6
Sec 11

APPLICATION FOR CONVERSION OF DESIGNATED REPARATION PLANT

Submitted to F. Ministry
21 Sept 1950

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

APPLICATION FOR CONVERSION OF DESIGNATED REPARATION PLANT

Date June 10, 1950

TO: Minister of Finance.

FROM: Hiro Seisakusho, Kawaminami Kogyo K.K.
(Hiro Plant, Kawaminami Industry Co., Ltd.)
14580, Suehiro, Hiro-machi, Kure-city, Hiroshima Prefecture

1) Name of Plant & Code No.:

11th Naval Aeronautical Arsenal Code No. 11-06

2) Location of Plant:

Hiro-machi, Kure-city, Hiroshima Prefecture

3) Category:

Naval Aeronautical Arsenal

4) Production:

Present; None
Planned;

Various large type machine tools, building machines, hydraulic and steam generating plants with accessories for land use, mining machines and other general machines, as per details under-mentioned:

Item	Annual Production	Capacity
Machine Tools.	(¥ 196,000,000 annually)	
Large type planers	4 units	Hard leonard type, over 4m x 9m
Crank Pin Lathes	4 "	Crank radius over 1.5m, shaft dia. over 500 mm
Large type Boring machines	4 "	Spindle dia. over 200 mm
Large type internal grinding machines	4 "	Schmartz type, 800mm x 2m
Roll Grinders	4 "	900 mm x 5 m
Building Machines.	(¥ 65,000,000 annually)	
Winches(Directly driven by motoes)	60 units	5 tons
Mixers	30 "	14 (sai)
Crashers	30 "	
Turbine pumps	50 "	3 stages dia. 6 inches
Centrifugal pumps	50 "	10 inches
"	50 "	8 inches
"	50 "	6 "
"	100 "	4 "
"	100 "	2 "
Sand pumps	10 "	20 "
Concrete shakers	20 "	

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Motor injectors 50 "

Hydraulic and Steam Generating Plants with Parts for land use. (¥ 288,000,000 annually)

Hydraulic generating plants	2	"	10,000 K.W.
Steam "	3	"	5,000 K.W.
" "	3	"	3,000 K.W.

Mining Machines (¥ 168,000,000 annually)

Hoisting machines	5	"	10 tons
Fans	20	"	Large type
"	30	"	Medium "
"	100	"	Small

Other machines (¥ 240,000,000 annually)

5) Necessity for conversion:

Since the war's end, the Hiro Plant, Kawaminami Industry Co., Ltd. has been authorized to use an area of the now defunct 11th Naval Aeronautical Arsenal, with the following particulars:

Name of plant: Hiro Seisakusho, Kawaminami Kogyo K.K. (Kawaminami Industry Co., Ltd.)
Represented by: Senji Iwamoto, General Manager.
Established: Dec. 14, 1946
Area: 60,600 sq.m.
Number of workers: 450
Number of machines in use: 220 units

Our efforts, since the termination of the war, have been concentrated on maintenance and repairing of 2734 machines after reconditioning of building and machines devastated during the war. Since 1946 this plant has been authorized to convert into the peace industry, manufacturing auxiliary machines and general machines for civil purposes. With technicians long experienced in the manufacture of various types of machines, the plant has been enjoying highest reputation for its fine workmanship. The present production includes the pumps, fan engines, dynamo engines, steering engines, refrigerating apparatus, ash-ejectors, boiler parts and other machines & parts thereof, amounting to ¥ 8--10 million monthly.

Inconformity with the ardent wishes of the people in Hiroshima Prefecture, the plan is under contemplation by the company to start a manufacturing shop for machine tools and machines for general industry, in the area adjacent to ths plant now in operation, whereby to contribute to the reconstruction of the heavily devastated area in Hiroshima Prefecture as well as to that of peace industries in Japan. Those machines now in use being far short of the requirement under the progrem, the company is now planning to place order with Nihon Seiko (Japan Steel Manufacturing), Kubota Tekkosho (Kubota Iron Works), and Shikoku Kikai (Shikoku Machine) for forgings and castings. In view of the fact, however, that as utmost accuracy

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is required in the manufactive under contemplation, there are cases where delivery time, characteristics as well as prices if ordered outside are not exactly to the company's satisfaction, thus causing major detriment to the reconstruction of industries. It is thus absolutely necessary for the company to furnish the shops with necessary facilities for the manufacture at its own shops. Though the machines of ordinary types are easily obtained on the market, it is impossible to acquire those shown in the attached list, which, being fortunately in your custody, the company is very anxious to be authorized to use, in order to meet all the requirements of the new machine shops. Furthermore the expansion of this plant will contribute to the following cases and the company will appreciate very much to have your special consideration given to authorization to use the facilities required.

(1) With strong request by Kure citizens and all out assistance by the prefectural authorities, the company is confident of its ability to comply with ardent wishes by the authorities concerned and the citizens.

(2) Major role will be played by the company in the relief of unemployment problem in the district as well as other parts of Japan.

(3) The subject area had been used in the manufacture of various engine parts in the past and the company is able to repair the facilities into a fairty good machine shops with its maximum efforts, though considerably bombed during the raid.

(4) In view of its location and fine technique, the company will be able to contribute to the reconstruction of industries to a great extent.

6) Additional reparation items needed for the above production:

A s per list attached hereto

Kawaminami Kogyo K.K.

Senji Iwamoto

Senji Iwamoto,
General Manager, Hiro Plant.

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LIST OF FACILITIES FOR APPLICATION

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List of Facilities for

Application

Code No. 11-06

Name of Plant 11th Naval Aeronautical Arsenal

Address of Plant Hiro-machi, Kure-city, Hiroshima Prefecture

1. Machine

Inventory No.	Name of Machine	Brief Specification		Quantity
11-6(8)-1212	Boring Machine-Table type	Bar Dia. Table travel	150 mm 1,000 mm	1
" 1215	"	Bar Dia. Table travel	110 mm 840 mm	1
" 1216	" -Floor type	Bar Dia. Table travel	110 mm 920 mm	1
" 1217	"	Bar Dia. Table travel	110 mm 920 mm	1
" 1218	"	Bar Dia. Table travel	130 mm 770 mm	1
" 1219	"	"	" "	1
" 1220	"	"	" "	1
" 1222	Vertical Boring Machine-Turning Mill	Swing Bar travel	1,800 mm 1,500 x 1,200 mm	1
" 1226	Horizontal Boring Machine-Floor type	Bar Dia. Spindle travel	130 mm 770 mm	1
" 1237	Radial Drilling Machine	Dia.x Depth	45 x 450 mm	1
" 1239	"	"	30 x 320 mm	1
" 1240	"	"	42 x 500 mm	1
" 1243	"	"	60 x 500 mm	1
" 1248	"	"	45 x 320 mm	1
" 1274	"	"	45 x 450 mm	1

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11-6(8)-1277		Vertical Gear Hobbing Machine	Max. Pitch Dia.	2,500 mm	1
"	1282	Grinding Machine -Single head	Wheel Size	Dia.x Thick 400 x 60 mm	1
"	1283	"	"		1
"	1286	Internal Cylindrical Grinding Machine	Swing	300 mm	1
"	1289	"	"	450 mm	1
"	1292	Grinding Machine -Single Head	Wheel Size	Dia. x Thick 700 x 100 mm	1
"	1295	Grinding Machine -Double Head	Working Range Table travel	100 x 50 mm 100 mm	1
"	1309	Lathe-Gap	S.O.B. Center Distance	1,040 mm 4,400 mm	1
"	1314	" -Engine	S.O.B. Center Distance	1,500 mm 5,600 mm	1
"	1317	" -Facing	S.O.B.	1,600 mm	1
"	1320	" -Engine	S.O.B. Center Distance	1,030 mm 4,120 mm	1
"	1321	" "	S.O.B. Center Distance	1,500 mm 5,600 mm	1
"	1328	" "	S.O.B. Center Distance	1,620 mm 4,900 mm	1
"	1333	Vertical Boring Machine-Turning Mill	Swing 6,200 mm	Spindle travel 4,700 x 2,800 mm	1
"	1334	Lathe-Engine	S.O.B. Center distance	4,500 mm 8,220 mm	1
"	1336	Vertical Boring Machine-Turning Mill	Swing 2,600 mm	Spindle travel 1,700 mm	1
"	1346	Lathe-Engine	S.O.B. Center distance	360 mm 900 mm	1
"	1406	"	S.O.B. Center distance	1,350 mm 7,300 mm	1
"	1407	"	"		1

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11-6(8)-1409	Lathe-Engine	S.O.B. 1,500 mm Center distance 6,800 mm		1
" 1410	"	S.O.B. 1,500 mm Center distance 6,000 mm		1
" 1411	"	S.O.B. 1,500 mm Center distance 6,000 mm		1
" 1412	"	S.O.B. 2,000 mm Center distnace 8,700 mm		1
" 1413	"	S.O.B. 1,600 mm Center distance 7,800 mm		1
" 1417	"	S.O.B. 640 mm		1
" 1433	Vertica l Milling Machine-Bed type	Table travel 1,000 x 1,000 mm		1
" 1443	Planer-Double Housing -Double Head	Work Capacity 6,700 x 1,800 x 1,800 mm		1
" 1447	"	" 6,500 x 2,400 x 1,800 mm		1
" 1448	Planomiller	Work Capacity 9,800 x 3,600 x 2,200 mm		1
" 1449	Planer-Double Housing -Double Head	Work Capacity 6,630 x 2,160 x 1,850 mm		1
" 1450	"	Work Capacity 6,050 x 1,600 x 1,900 mm		1
" 1457	Shaper-Vertical	Stroke 450 mm		1
" 1458	Slotter-Horizontal	Work Range 1,130 x 1,040 x 660 mm		1
" 1460	Shaper-Horizontal	Stroke 600 mm		1
" 1471	Slotter-Vertical	Stroke 1,800 mm		1
" 1475	"	Work Range 2,100 x 1,150 x 770 mm		1
" 1476	"	Work Range 2,100 x 1,150 x 770 mm		1
" 1483	Sawing & Cut off -Hack Saw	Stroke 310 mm		1

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11-6(8)-1495		Tapping Machine -Nut or Shell	Max. Work Size	25 x 320 mm	1
"	1523	Shearing Machine-Square	Capacity	14 x 2,000 mm	1
"	1525	"	"	12 x 1,550 mm	1
"	1526	" -Cover Shear	"	6 x 200 mm	1
"	1565	Welding Machine- Electric Resistance	"	125 KVA.	1
"	1765	Generator-D.C.	"	150 KW.	1
"	1766	Motor-Induction	"	225 HP.	1
"	1829	Crane-Overhead traveling	"	5 tons	1
"	1830	"	"	60 x 15 tons	1
"	1831	"	"	30 x 5 tons	1
"	1833	"	"	30 x 10 tons	1
"	1834	"	"	30 x 10 tons	1
"	1839	"	"	100 x 20 tons	1
"	1852	"	"	30 x 10 tons	1
"	1859	"	"	30 x 10 tons	1
"	1866	"	"	20 x 5 tons	1
"	1870	"	"	40 x 10 tons	1
"	1877	"	"	20 x 5 tons	1
"	1888	"	"	60 x 15 tons	1
"	1889	"	"	40 x 15 tons	1

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11-6(8)-1894	Crane-Overhead traveling	Capacity	15 tons		1
" 1907	"	"	15 tons		1
" 1918	Crane-Powered Truck Locomotive	"	5 tons		1
" 1923	Testing Machine-Strength -Universal	Load	5 tons		1
" 2034	Hydraulic Press-Horizontal	Pressure	10 M.tons		1
" 2072	Air Compressor-Horizontal Reciprocating	Pressure Volume	9 kg/ cm^2 39 M^3/min		1
"" 2170	Crane-Overhead traveling	Capacity	20 x 5 tons		1
" 2530	Horizontal Boring Machine Floor type	Bar Dia. Spindle travel	130 mm 920 mm		1
" 2550	Crane-Overhead traveling	Capacity	10 tons		1
11-6(10)- 13	Internal Cylindrical Grinding Machine-Full	Swing	500 mm		1
" 28	Vertica l Drilling Machine	Capacity	Dia.x Depth 30 x 230 mm		1
" 40	Lathe-Turret-Saddle type	S.O.B.	500 mm		1
" 56	Vertical Drilling Machine	Capacity	Dia. x Depth 40 x 450 mm		1
" 60	Milling Machine-Thread External	Max. Swing Dia.	400mm		1
" 132	Milling Machine-Knee type	Table travel 740 x 400 x 220 mm			1
" 151	"	Table travel 800 x 300 x 280 mm			1
" 188	Vertical Surface Grinding Machine-Rotary Table	Grinding Surface	900 mm		1
" 202	Gear Cutting Machine -Milling	Pitch Dia. x Face 550 x 200 mm			1
" 206	External Cylindrical Grinding Machine	Swing	400 mm		1
" 209	"	"	400 mm		1

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11-6(10)-210	External Cylindrical Grinding Machine	Swing	720 mm		1
" 212	"	"	700 mm		1
		Center Distance	2,400mm		
" 213	Lathe-Turret-Saddle type	S.O.B.	600 mm		1
" 214	"	"	400 mm		1
" 216	Milling Machine-Knee type	Table travel 1,100 x 410 x 400 mm			1
" 223	External Cylindrical Grinding Machine	Swing Center distance	400 mm 950 mm		1
" 224	"	Swing Center distance	500 mm 1,100 mm		1
" 229	"	Swing Center distance	800 mm 3,100 mm		1
" 239	Milling Machine-Knee type	Table travel 895 x 450 x 400 mm			1
" 241	Vertical Milling Machine	Table travel 875 x 440 x 440 mm			1
" 242	Vertical Drilling Machine	Capacity Dia.x Depth 50 x 450 mm			1
" 243	"	Capacity Dia.x Depth 50 x 380 mm			1
" 250	Radial Drilling Machine	Capacity Dia.x Depth 60 x 550 mm			1
" 251	Horizontal Milling Machine -Knee Type	Table travel 800 x 400 mm			1
" 252	Radial Drilling Machine	Capacity Dia.x Depth 50 x 700 mm			1
" 253	VerticallMilling Machine	Table travel 875 x 450 x 450 mm			1
" 254	Radial Drilling Machine	Capacity Dia.x Depth 40 x 290 mm			1
" 261	Milling Machine- Single Spindle	Table travel 400 x 170 mm			1
" 286	Milling Machine-Thread -Internal	Max. Swing Dia.	600 mm		1
" 294	Air Compressor-Reciprocating Vertical	Pressure Volume	7 kg/cm^2 7.19 M^3/min		1

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11-6(12)-	29	Lathe-Special	S.O.B.	560 mm	1
"	31	"	"	490 mm	1
"	32	"	"	500 mm	1
"	51	Milling Machine-Knee type	Table travel 740 x 520 x 300 mm		1
"	52	"	Table travel 780 x 400 x 380 mm		1
"	57	Horizontal Milling Machine	Table travel 1,000 x 350 x 350 mm		1
"	59	"	Table travel 780 x 700 x 380 mm		1
"	60	Vertical Milling Machine	Table travel 730 x 300 x 300 mm		1
"	82	Grinding Machine-Tool & Cutter	Work Dia.	250 mm	1
"	93	Horizontal Milling Machine -Universal	Table travel 780 x 400 x 380 mm		1
"	102	Lathe-Turret-Ram type	S.O.B.	410 mm	1
"	103	"	"	410 mm	1
"	104	"	"	340 mm	1
"	105	"	"	340 mm	1
"	108	"	"	360 mm	1
"	115	"-Engine	"	420 mm	1
"	116	"	"	440 mm	1
"	117	"	"	440 mm	1
11-6(13)-	26	Horizontal Milling Machine -Knee type-Universal	Table travel 900 x 280 x 350 mm		1
"	27	"	Table travel 800 x 260 x 400 mm		1

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11-6(13)-80	Internal Cylindrical Grinding Machine	Swing 395 mm Stroke 220 mm		1
" 83	Slotter-Vertical	Max. Work Size 1,000 x 1,000 x 300 mm		1
" 84	Horizontal Milling Machine -Knee Type-Universal	Table travel 925 x 280 x 400 mm		1
11-6(195)-107	Vertical Boring Machine-Turret	Swing Dia.	640 mm	1
11-6(236)-1	Lathe-Gap	S.O.B.	660 mm	1
"" 6	Lathe-Turret-Ram type	"	610 mm	1
11-8(8)-148	Dynamometer-Water Brake	Rated Shaft Max. 15,000 HP. R.P.M. 300--450 m/		1
" 150	"	Rated Shaft Max. 24,000 HP. R.P.M. 240--400		1
11-6(8)- 53	Lathe-Engine	S.O.B. 480 mm Center distance 1,300 mm		1
" 56	"	S.O.B. 560 mm Center distance 1,250 mm		1
" 58	"	S.O.B. 500 mm Center distance 1,300 mm		1
" 161	Lathe-Facing	S.O.B. 440 mm Bed Length 1,400 mm		1
" 175	Grinding Machine-Cam	Table travel 440 x 400 mm		1
" 182	Horizontal Milling Machine	Table travel 800 x 300 x 250 mm		1
" 193	Grinding Machine-Fellow Cutter Generating	Max. Dia. of Works 220 mm		1
" 224	Shaper	Stroke 380 mm Table travel 300 x 380 mm		1
" 427	Boring Machine-Horizontal	Face Plat Dia. 560 mm		1
" 428	Radial Drilling Machine	Capacity Dia.x Depth 70 x 200 mm		1
" 431	"	Spindle/Table Max. Distance 1,250 mm		1

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11-6(8)-439		Boring Machine-Jig Hydraulic	Spindle travel 1,030x200 mm Table travel 1,400 mm		1
"	511	Lathe-Gap	S.O.B. Center distance	600 mm 1,200 mm	1
"	598	Tool Grinding Machine	Chucking Capacity Wheel Size	46 mm 180 x 120 mm	1
"	610	Grinding Machine-Horizontal	Face Plat Dia.	660 mm	1
"	613	Horizontal Milling Machine-Knee type	Table travel 500 x 250 x 380 mm		1
"	653	Shaper	Ram Stroke Table travel	600 mm 350 x 550 mm	1
"	654	"	Ram stroke	675 mm	1
"	740	Universal Milling Machine	Table travel 480 x 240 x 170 mm		1
"	764	Lathe-Engine	S.O.B. Center distance	500 mm 1,100 mm	1
"	766	" -Gap	S.O.B. Center distance	900 mm 1,500 mm	1
"	768	Lathe-Engine	S.O.B. Center distance	412 mm 1,050 mm	1
"	775	"	S.O.B. Center distance	420 mm 820 mm	1
"	807	"	S.O.B. Center distance	360 mm 900 mm	1
"	818	"	S.O.B. Center distance	460 mm 650 mm	1
"	819	"	S.O.B. Center distance	420 mm 1,200 mm	1
"	821	"	S.O.B. Center distance	500 mm 550 mm	1
"	842	Lathe-Turret	S.O.B. Spindle Hole	600 mm 75 mm	1
"	847	Boring Machine	Bar Dia.	75 mm	1
"	849	" -Horizontal	Table Size 525 x 900 mm		1

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

11-6(8)-850	Vertical Milling Machine	Table travel 750 x 425 x 685 mm		1
" 848	Boring Machine	Bar Dia.	90 mm	1
" 851	"	Saddle travel	660 mm	1
" 852	Lathe-Engine	S.O.B. Bed Length	900 mm 5,650 mm	1
" 859	Horizontal Boring Machine	Table travel 1,220 x 450 mm Face plat Dia.	700 mm	1
" 870	Gear Tooth Grinding Machine	Capacity Max. Dia.x W.x M.P. 250 x 150 x 10 mm		1
" 872	Lathe-Turret	S.O.B. Bed Length	460 mm 2,150 mm	1
" 881	Vertical Milling Machine	Table travel 420 x 320 mm		1
" 904	Horizontal Grinding Machine	S.O.B.	320 mm	1
" 913	Vertical Milling Machine	Table travel 900 x 400 x 550 mm		1
" 914	"	Table travel 700 x 350 x 200 mm		1
" 916	Horizontal Milling Machine	Table travel 1,340 x 300 mm		1
" 920	Horizontal Milling Machine -Knee Type	Table travel 760 x 350 mm		1
" 928	Gear Shaper	Max. Dia.X W.x M.P. 700 x 150 x 7 mm		1
" 931	Vertical Milling Machine	Table travel 650 x 360 x 400 mm		1
" 932	"	Table travel 650 x 360 x 400 mm		1
" 975	"	Table travel 800 x 380 x 360 mm		1
" 989	Gear Tooth Cutting Machine	Cutting Capacity Dia.xFacexMP. 450 x 95 x 8 mm		1
" 1179	Lathe-Engine	S.O.B. Center distance	340 mm 600 mm	1

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

11-6(8)-1183	Lathe-Engine	S.O.B. Center distance	480 mm 600 mm		1
" 2411	Radial Drilling Machine	Capacity	Dia. x Depth 50 x 150 mm		1
" 2583	Cam Grinding Machine	S.O.B.	280 mm		1
" 2584	"	"	240 mm		1
11-8(8)- 140	Lathe-Engine	S.O.B. Center distance	500 mm 1,620 mm		1
" 201	Straight Line Graduator	Table travel	1,020 mm		1
" 202	Circular Graduator	Table Dia.	660 mm		1
" 205	Lathe-Engine	S.O.B. Center distance	360 mm 750 mm		1
" 207	Tool Grinding Machine	Wheel Size Table Size	150 x 20 mm 340 x 150 mm		1
" 213	Boring Machine-Horizontal	Bar Dia.	900 mm		1
" 251	Sawing Machine-Circuler saw	Cutting Capacity Saw Dia.	220 mm 450 mm		1
11-5(6)- 288	Boring Machine	Capacity Table Size	100 mm 7,200 x 1,800 mm		1
" 290	Boring Machine-Horizontal	Bar Dia. Bar Stroke	130 mm 840 mm		1
" 325	Edge Planer	Max. Work Size 10,100 x 1,200 x 1,200 mm			1
" 338	"	Max. Work Size 10,000 x 1,170 x 1,170 mm			1
" 340	Universal Drilling Machine	Capacity Dia.	32 mm		1
" 354	"	"	32mmm		1
" 358	"	"	32 mm		1
" 673	Surface Boring Machine	Spindle Dia. Spindle travel	80 mm 600 mm		1

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

11-5(6)-1091	Lathe-Engine	S.O.B. Center distance	1,360 mm 30,000 mm		1
" 1392	Milling Machine	Table Size	2,000 x 1,000 mm		1
" 1431	Slotter-Vertical	Ram Stroke Table Dia.	1,000 mm 1,650 mm		1
" 1444	Surface Boring Machine	Face Plat Dia.	750 mm		1
" 1462	Grinding Machine-Surface -Vertical	Table Dia. Table travel	1,000 mm 500 mm		1
" 1477	Gear Cutting Machine	Max. Dia. of Works Module 30	1,100 mm Spindle travel 780 mm		1
" 1494	Horizontal Boring Machine	Spindle Dia. Spindle travel	80 mm 600 mm		1
" 2382	Lathe-Engine	S.O.B. Center distance	140 mm 3,800 mm		1
" 2554	Horizontal Boring Machine	Spindle Dia. Spindle travel	110 mm 630 mm		1
" 3331	Planer	Max. Work Length Table Size	13,000 mm 14,000 x 4,900 mm		1

TOTAL 219

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

6 1

Application for Movement and Authorized Use of Designated Reparation Machinery and Equipment.

April 11 1950.

To: Minister of Finance.

From: Ryoji Takahashi.

President of Shinko Metal Industry Co., Ltd.
3449 Toyoura, Shimonoseki, Yamaguchi Prefecture.

1. Name (Code No.) and Location for the plant which intends to use designated reparation machinery and equipment.

Shinko Metal Industry Co., Ltd.
3449 Toyoura, Shimonoseki, Yamaguchi Prefecture.

2. Name (Code No.) and Location of the plant where designated reparation machinery and equipment to be used actually.

Former Kure Naval Arsenal (Code No. 11-05(6))
Miyahara-dori, Kure, Hiroshima Prefecture.
Former 16th Naval aeronautacal (code No. 11-06(11))
Hira-machi Kure, Hiroshima prefecture.

MANUFACTURING AND INDUSTRY FILE 11-6 Sec II

3. List designated reparation machinery and equipment to be moved and used.

Name	Quantity	Remarks
Bending Machine, 11-6(8)1506	1	Need small parts
Bending Machine, 11-5(6)1958	1	do
Bending Machine, 11-6(11) 79	1	do
Bending Machine, 11-6(11) 108	1	do
Shearing Machine, 11-6(8)1522	1	do
Shearing Machine, 11-6(11) 81	1	do
Shearing Machine, 11-6(11) 229	1	do
Mechanical Press, 11-6(11) 142	1	do
Mechanical Press, 11-6(11)103	1	do
Mechanical Press, 11-6(11) 205	1	do
Mechanical Press, 11-6(11) 101	1	do
Mechanical Press, 11-6(11) 100	1	do
	Total 12	

4. Necessary for movement and use of machinery and equipment.

We wish to replace the machines which are worn out and have become inefficient due to heavy use for many years with subject machines, and to utilize for rough cutting of bottom, rid, body of can, box and big and small tanks etc., and to make pressed articles of all kind.

R. Takahashi

Ryoji Takahashi
President
Shinko Metal Industry Co., Ltd.

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

Approval of the applicant, concerning responsibility of custody for designated reparation machinery and equipment.

April 11th 1950

I solemnly promissed that the machinery written in our application would certainly be kept at our plant after in our hand.

Ryoji Takahashi
President
Shinko Metal Industry Co., Ltd.

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

(Translation)

Feb. 27th, 1950

To: Director. Hiroshima Bureau, Minister of Foreign Trade and Industry.

From: Ryoji Takahashi, President-Director, Shinko Metal Industry Co., Ltd.
3419 Toyoura, Shimonoseki, Yamaguchi Prefecture.

Subject: Request for Certification of application for authorized use of reparation machinery in custody of the Finance Minister.

As one of our principal lines we are engaged in the manufacture of sheet, bar, wire and pipe of cupper, aluminium and its alloy since the inauguration of the company, and our products have won high reputation for their quality
Nevertheless, we meet much decline in working efficiency due to overuse since the war time and according to the development of newly chemical industry, are in much difficulty in the manufacture of the secondary finished article from causing of lack of machine's stock which are for industry machine and manufacturing machine of secondary article, with loss of valuable materials and labor.

In view of the circumstance we are desirous of being authorized to use the below mentioned reparations machinery in the custody of the Finance Minister to enable us to renew our effort for an increased contribution to the country's economic rehabilitation.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 77 5013

It will be, therefore, much appreciated if you will kindly certify our application that machinery in question is vitally requised for our use and that our use will prove useful to the country's economy.

Equipment existing in Former Kure Naval Arsenal.

Name of Machine	Number
Grinder, cylindrical plain external, 11-6(10)212	1
Grinder, external cylindrical plain, 11-6(10)229	1
Bending Machine, 11-5(6)334	1
Bending Machine, 11-6(10)1506	1
Bending Machine, 11-5(6) 1958	1
Bending Machine, 11-6(11) 79	1
Bending Machine, 11-6(11) 108	1
Shearing Machine, 11-6(8)1522	1
Shearing Machine, 11-6(11)81	1
Shearing Machine, 11-6(11)229	1
Mechanical Press, 11-6(11)142	1
Mechanical Press, 11-6(11)103	1
Mechanical Prese, 11-6(11)205	1
Mechanical Press, 11-6(11)101	1
Mechanical Press, 11-6(11)100	1

77 5013

25 HOROTSUSAN NO 282

It is hereby certified that the above statement is true and correct.

This application will be given to the KURE BRANCH, HIROSHIMA BUREAU, DEPARTMENT OF FINANCE, and is available to 31st March, 1950

1st March 1950.

Director

Hiroshima Bureau, Minister of Commerce and Industry.

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

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

HEADQUARTERS
CHUGOKU CIVIL AFFAIRS REGION
APO 182

CCAR 386.3 (D-St) 25 September 1950

MEMORANDUM FOR: Chugoku Finance Bureau

THROUGH: Chugoku Liaison and Coordination Office

SUBJECT: Use of Reparations Equipment

1. Reference letter this Headquarters, CCAR 386.3, 13 June 1950, subject: "Sunken Reparations Boat 11-6(238)-2".

2. It has come to the attention of this headquarters and General Headquarters, Supreme Commander for the Allied Powers that your agency has failed to comply with instructions contained in referenced letter.

3. Subject boat sunk on 27 April 1950 at Kure while in use by Nissan Salvage Company.

4. Request that salvage operation be accomplished without delay by Nissan Salvage Company and report made to this headquarters as to when salvaging operation will be completed.

C. N. BAILEY
Colonel, Inf
Chief

Subject File KJ2

MANUFACTURING AND INDUSTRY FILE 11-6(238) Sec. II

Salvage completed on 31 Oct 1950

212

25 Sep 50.

Econ 1520

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

HEADQUARTERS
CHUGOKU CIVIL AFFAIRS REGION
APO 182

CCAR 386.3 (D-St) 25 September 1950

MEMORANDUM FOR: Chugoku Finance Bureau

THROUGH: Chugoku Liaison and Coordination Office

SUBJECT: Movement and Authorized Use of Reparations Equipment, 11-6(13)

1. References:

a. Application of Hiroshima Isuzu Jidosha Company, Hiroshima City, subject: "Application for Movement of Reparation Machines", 6 May 1950.

b. Application of Hiroshima Isuzu Jidosha Company, Hiroshima City, subject: "Application for Movement of Reparation Machines", 15 May 1950.

2. Referenced applications, requesting permission to transfer reparations equipment from the Hiro Shop of Hiroshima Isuzu Jidosha to the Hiroshima plant of the same company, were not favorably considered by General Headquarters, Supreme Commander for the Allied Powers.

3. It is requested that the reparations equipment formerly in use by the Hiro Shop of Hiroshima Isuzu Jidosha Company be processed for storage and transferred by the former user to the Chugoku Kosan storage area of the 11th Air Arsenal with the least practicable delay.

4. Report will be made to this headquarters upon completion of action outlined in paragraph 3.

C. N. BAILEY
Colonel, Inf
Chief

consolidation completed 18 Oct 50

211

Subject File 1950 MANUFACTURING AND INDUSTRY FILE 11-6(13) Sec. II
ZaN-1521

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

CHUGOKU
~~HIROSHIMA~~ FINANCE BUREAU

KFL No. O-137

SYM/th

14 September 1950

To : Chugoku Civil Affairs Region,
Attn. Economic Section

Subject: Report on completed Operation of Reparations Transformers - Marumatsu Sangyo K.K.

1. Reference is made to letter CCAR 386.3(D-St) dated 17 July 1950, subject "Temporary Use of Reparations Items".

2. The use of the four following transformers approved in the above referenced letter was finished on 31 August 1950.

Transformer, code No. 11-6(8)-2863
" , " -2421
" , " -2422
" , " -2423

3. The above for your file.

MANUFACTURING AND INDUSTRY FILE 11-6
Sec. II

for KATSUTOSHI YAMASHITA
Chief of Kure Reparations Branch,
Chugoku Finance Bureau

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

HEADQUARTERS
CHUGOKU CIVIL AFFAIRS REGION
APO 182
BUCK SLIP

SEP - 2 1950

FROM: Adm

TO : (NUMERICALLY) (INITIAL THRU YOUR NUMBER)

CHIEF	ECON
DEPUTY	L&G
HQ COMD	CI
ADM ASST	CE
PERS	PH
SP. O CLK	PW
SUP-IND LAB	TRANS
MC	MESS
APO 182	

FOR: _____ SEE ME

X ACTION ___ INFORMATION

___ COMMENTS ___ APPROVAL

___ SIGNATURE ___ PROOF READING

___ FWDG IND ___ LTR REPLY

___ YOUR COPY ___ CENTRAL FILES

MIMEOGRAPH IN ___ COPIES

REMARKS: Copy of application requesting authorized use of this boat is in our file; Date of application is 4 Feb. 50

Lord

Instructions requested 8 Sept. 50 from Mr. Woodward.

RSS

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

May appear before small groups of individuals to explain manuals, bulletins, circulars, and news items.

May assist in the preparation and conducting of orientation, information and education programs, preparing materials for talks, discussions, bulletins and newscasts for use in information and education activities, assisting in the development of off-duty educational programs and discussion groups, and enrollment of military personnel in U. S. Armed Forces correspondence or self-teaching courses and university extension courses.

Should have a knowledge of Army organization and be able to interpret rules and regulations pertinent to field of specialization.

Should have writing ability combined with a background of education or experience in education, journalism, or related technical fields pertinent to field of specialization and ability to present information clearly.

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

CHUGOKU LIAISON AND COORDINATION OFFICE
KURE, HONSHU

CHL No. 203 (SM) 1 Sep 1950

SUBJECT: Report on Sunken Reparations Pontoon - Higashimura, Toyota-gun, Hiroshima-ken.

TO : Chief, Chugoku Civil Affairs Region

Submitted herewith is a report on above subject prepared by the Kure Reparations Branch, Chugoku Finance Bureau.

11-6 Dec. - 71

for K. Toh.

OSAMU ITAGAKI
Director
Chugoku Liaison & Coordination Office

Inclosure: as indicated above.

6 Sept 50 7591

Econ 1425

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

CHUGOKU
~~HIROSHIMA~~ FINANCE BUREAU

SYM/th

KFL No. O-127

31 August 1950

To : Chugoku Civil Affairs Region
Attn. Economic Section

Through: Chugoku Liaison and Coordination Office

Subject: Report on Sunken Reparations Pontoon -
Higashinomura, Toyotagun, Hiroshima-ken

1. One wooden pontoon with reparations code No. 11-6(255)-1 was in use by Village Headman of Higashinomura, Toyotagun, Hiroshima Prefecture on a temporary basis applied for A.U. on 15 February 1950. The pontoon was sunk at 0400 hrs. on 29 July 1950 at Mebaru-Zaki Port, Higashinomura, Toyotagun.

2. The pontoon itself was made in 1924 and is so obsolete that it required often repairs. The Finance Bureau understands that the sunken case of this time was occured by force majeure as described in the enclosed statement of the village Headman of Higashinomura.

3. It will be appreciated if your advice and instruction be given in taking action to the sunken case, as about 50,000 Yen is estimated to salvage it.

for Yamanaka
KATSUTOSHI YAMASHITA
Chief of Kure Reparations Branch,
Chugoku Finance Bureau

Enclosure:
As stated in para 2 above.

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

51

STATEMENT OF HEADMAN, HIGASHINOMURA

(Date 1 August 1950)

a. Condition of the pontoon:

The pontoon is so obsolete that it was made in 1924 and it reqired often repairs. However there were many scars of pile-worms and water was coming in at several points when it was shaken by raging waves.

b. Reason of sinking:

The pontoon was shaken so heavily by high raging waves which were caused by south-east heavy storm blowing from about 0440 hrs. on 28 July 1950. We have tried our best to pump out the water by employing over ten people without sleeping at night. However the water was coming into the pontoon more and more and it was sunken finally.

c. The pontoon is still moored under the water to prevent from being washed away.

END

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

CHUGOKU LIAISON AND COORDINATION OFFICE

CHL No. 203 (SH) 1 Sep 1950

SUBJECT: Report on Sunken Reparations Pontoon - Higashimura, Toyota-gun, Hiroshima-ken.

TO : Chief, Chugoku Civil Affairs Region

Submitted herewith is a report on above subject prepared by the Kure Reparations Branch, Chugoku Finance Bureau.

OSAMU ITAGAKI
Director
Chugoku Liaison & Coordination Office

Inclosure: as indicated above.

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

BRITISH FORCES COMMONWEALTH

HEADQUARTERS
B.C.O.F.
GG/469.4/Maint
25 Sep 50.

Subject : AUTHORISED USE OF REPARATIONS EQUIPMENT

Commanding General,
JAPAN Logistical Command
APO 343

Copy to :- HQ Chugoku Civil Affairs Region.

1. Authority is requested for the temporary authorised use of the following reparations equipment :-

Code Number	Description
11-6 (13) 84	Universal Milling Machine horizontal, knee type, 40"x 12"

2. This machine is now located in a reparations storage warehouse at HIRO and is required for use in BCOF workshops.

(C. FERGUSON) W/Cdr.
for Lieutenant-General.
Commander-in-Chief.
British Commonwealth Occupation Force.

Temporary use & movement granted
25 Sept 50 by MR. WOODWARD CAS/SCAP
BCOF notified.

AEP/sys

27 Sep 50

7916

ZACON-1540

11-6 Sec II

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

CHUGOKU
HIROSHIMA FINANCE BUREAU

SYM/th

KFL No. O-128

5 September 1950

To : Chugoku Civil Affairs Region,
Attn. Economic Section

Subject: Report on Stopped Plant Operation and Rescinded Use of Reparations Equipment - Hiro Shop, National Railways

MANUFACTURING AND INDUSTRY
FILE 11-6

1. Submitted herewith is a report on discontinuation of plant operation of Hiro Shop, Hiroshima Railway Division.

2. In connection with the stop of the plant operation the Authorized Use of machines in the plant is automatically rescinded, of which list is also attached hereto.

3. The same report was sent out from the Hiroshima Office of the Chugoku Finance Bureau to Finance Ministry for submitting to SCAP through the Japanese Government channel.

4. The custodial responsibility will be assumed by the Finance Bureau upon completion of the preservative maintenance of the machines which is being done by the National Railways.

S Yamanaka

SHIZUSO YAMANAKA
Chief of Liaison Section,
Chugoku Finance Bureau

Enclosures:

1. Report on discontinuation of operation dated 20 Aug. 50
2. Report on Rescission of A.U. equipment dated 20 Aug. 50

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

GOVERNMENT RAILWAY
HIROSHIMA RAILWAY DIVISION OFFICE

20 August 1950

SUBJECT: Report on Discontinuation of Operation

THROUGH: Kure Branch Office,
Chugoku Finance Bureau.

TO : Chief,
Chugoku Civil Affairs Region.

1. A temporary permit for operation of the former 11th Aeronautical Arsenal has been granted by the letter, Hiroshima Military Government Team, Serial No.1240 dtd 18 Nov. 1946.

2. Parts of engine have been manufactured and the rolling stocks repaired at the shop, i.e., Hiro Branch Shop of the Hiroshima Railway Workshop.

3. Afterwards, operation at the shop has come to be discontinued to curtail the budget of the Japanese National Railways.

4. We hereby, report on the discontinuation of operation at the shop on 20 August 1950.

5. Your kind consideration as to this matter will be greatly appreciated.

A. Kanatani
(A. Kanatani)

for Superintendent,
Hiroshima Railway Operating
Division.

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

GOVERNMENT RAILWAY
HIROSHIMA RAILWAY DIVISION OFFICE

REPORT ON RESCISSION
OF AUTHORIZED USE EQUIPMENT

DATE:	20 August 1950.
PLANT NAME:	Ex-11th Aeronautical Arsenal.
LOCATION (Code No.):	Hiro-machi, Kure City, Hiroshima Prefecture. (11-6(9) 11-8(9))
USER:	Hiro Branch Shop, Hiroshima Railway Workshop, Hiroshima Railway Operating Division.
REASON OF RESCISSION:	Due to the reduction of operating for curtailment of the budget of the Japanese National Railways.
TOTAL NO. OF RESCINDED EQUIPMENT:	140
NAME OF REPORTER:	N. Shioe, Superintendent, Hiroshima Railway Operating Division.

A. Kanatani
(A. Kanatani)

for Superintendent,
Hiroshima Railway Operating Division.

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

GOVERNMENT RAILWAY
HIROSHIMA RAILWAY DIVISION OFFICE

LIST OF RESCINDED EQUIPMENT

INVENTORY NO.	NAME OF EQUIPMENT	REMARKS
11-6(9) 133	Drilling Machine	Authorized use on 22 July 1947
" 136	Shaper	
" 139	Shaper	
" 148	Drilling Machine	
" 152	Milling Machine	
" 168	Milling Machine	
" 200	Engine Lathe	
" 241	Engine Lathe	
" 255	Tool Grinder	
" 320	Drilling Machine	
" 352	Engine Lathe	
" 353	Engine Lathe	
" 377	Engine Lathe	
" 410	Blue Printing Machine	
" 412	Special Tool Grinder	
" 419	Coal Sender	
" ~~429~~ 427	Engine Lathe	
" 439	Releaving Lathe	
" 453	Tool Grinder	
" 460	Releaving Lathe	
" 477	Engine Lathe	
" 479	Engine Lathe	
" 491	Radial Drilling Machine	
" 507	Engine Lathe	
" 508	Engine Lathe	
" 509	Engine Lathe	
" 524	Double Housing Planer	
" 526	Engine Lathe	
" 527	Engine Lathe	
" 528	Engine Lathe	
" 530	Tool Grinder	
" 533	Tool Grinder	
" 534	Engine Lathe	
" 535	Engine Lathe	
" 536	Engine Lathe	

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

GOVERNMENT RAILWAY
HIROSHIMA RAILWAY DIVISION OFFICE

Inventory No.		Name of Equipment	Remarks
11-6(9)	537	Engine Lathe	
"	538	Engine Lathe	
"	539	Engine Lathe	
"	540	Engine Lathe	
"	542	Light Duty Lathe	
"	544	Light Duty Lathe	
"	~~546~~ 547	External Cylindrical Grinder	
"	552	Gap Lathe	
"	553	Gap Lathe	
"	555	Gap Lathe	
"	556	Gap Lathe	
"	577	Boring Lathe	
"	583	Milling Machine	
"	585	Universal Milling Machine	
"	587	Universal Milling Machine	
"	590	Light Duty Lathe	
"	591	Light Duty Lathe	
"	593	Light Duty Lathe	
"	596	Light Duty Lathe	
"	608	Turret Lathe	
"	620	Horizantal Milling Machine	
"	626	Engine Lathe	
"	627	Engine Lathe	
"	628	Engine Lathe	
"	629	Engine Lathe	
"	630	Engine Lathe	
"	631	Engine Lathe	
"	632	Engine Lathe	
"	634	Shaper	
"	636	Shaper	
"	639	Shaper	
"	641	Bench Milling Machine	
"	642	Bench Milling Machine	
"	643	Turret Lathe	
"	644	Turret Lathe	
"	646	Radial Drilling Machine	
"	650	Jig Boring Machine	
"	655	Engine Lathe	
"	656	Bench Drilling Machine	
"	658	Gear Hobber	
"	659	Gear Hobber	
"	662	Gear Shaper	

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

GOVERNMENT RAILWAY
HIROSHIMA RAILWAY DIVISION OFFICE

Inventory No.		Name of Equipment	Remarks
11-6(9)	663	Gear Cutter & Generator	
"	664	Gear Shaper	
"	665	Special Tool Grinder	
"	668	Turret Lathe	
"	674	Turret Lathe	
"	675	Turret Lathe	
"	680	Electric Welding Machine	
"	682	Bench Drilling Machine	
"	683	Tool Grinder	
"	684	Bench Drilling Machine	
"	685	Punching Machine	
"	688	Alternating Motor	
"	690	Alternating Motor	
"	693	Alternating Motor	
"	694	Alternating Motor	
"	695	Alternating Motor	
"	698	Alternating Motor	
"	701	Alternating Motor	
"	702	Alternating Motor	
"	713	Alternating Motor	
"	715	Alternating Motor	
"	716	Alternating Motor	
"	717	Alternating Motor	
"	718	Alternating Motor	
"	719	Alternating Motor	
"	720	Alternating Motor	
"	723	Alternating Motor	
"	728	Steam Hammer	
"	729	Steam Hammer	
"	730	Air Hammer	
"	731	Air Hammer	
"	732	Steam Hammer	
"	737	Metal Heating Furnace	
"	738	Metal Heating Furnace	
"	739	Metal Heating Furnace	
"	740	Metal Heating Furnace	
"	747	Electric Welding Machine	
"	755	~~Reciprocating Pump~~ Tool Grinder	
"	760	Reciprocating Pump	
"	761	Reciprocating Pump	
"	768	Hoist	
"	748	Welding Machine	

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

GOVERNMENT RAILWAY
HIROSHIMA RAILWAY DIVISION OFFICE

Inventory No.		Name of Equipment	Remarks
11-6(9)	756	Steam Boiler	
"	757	Steam Boiler	
"	769	Cupola	
"	773	Coal Sender	
"	775	Electric Furnace	
"	776	D.C. Generator	
"	794	Transformer	
"	795	Transformer	
"	797	Transformer	
"	801	Sand Preparing Machine	
"	802	Sand Preparing Machine	
"	808	Overhead Traveling Crane	
"	809	Transformer	
"	810	Tying Furnace	
"	811	Transformer	
"	831	Transformer	
"	832	Transformer	
"	834	Transformer	
"	835	Transformer	
"	843	Alternating Motor	
"	844	D.C. Motor	
TOTAL:	140		

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

HEADQUARTERS
CHUGOKU CIVIL AFFAIRS REGION
APO 182

24 August 1950
1615 hrs.

TELEPHONE EXTRACT:

FROM: Mr. Stradley, Economics Section, CCAR

TO : Mr. Woodward, Civil Affairs Section, SCAP

BCOF Engineers at Point Camp, Kure are in urgent need of authorized use of an overhead swing lathe, Code No. 11-6(236)-1 powered by a 7 HP electric motor 3 phase, 250 volt 1400 RPM, now located in dead storage at the 11th Air Arsenal. Formal application for AU is being sent by BCOF through command channels to SCAP.

Mr. Woodward advised that he would contact ESS/SCAP at once and if he did not call back before 1500, 24 August 1950 it would be all right for them to place it in use at once. (No call was received so AU is given)

R. G. S.

MANUFACTURING AND INDUSTRY FILE 11-6 (Sec. II)

Record:

Finance Bureau and BCOF (Capt Perks) were so notified.

Mr. Lord: adjust records and file in 11-6 Sec II

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

Copy

APPLICATION FOR CONVERSION OF DESIGNATED REPARATION PLANT

23 August 1950

TO : Ministry of International Trade and Industry.

FROM : Seiichi Tani, Director and President, the Toyo Pulp Co., Kanda Higashimatsushita-cho, 1, Chiyoda-ku, Tokyo-to.

1) Name of Plant and Code No.

Name : Ex-11th Naval Aeroarsenal, Chuko area.
Code No. 11-6 (8)

2) Location of Plant.

Tsukumo 15,500, Hiro-machi, Kure-shi, Hiroshima Prefecture.

3) Category. Reparation Plant.

4) Production.

A. Present : Not yet operated.

B. Planned :

1st term (1951) kraft pulp	10,000 tons yearly.
2nd term (1952 and after) kraft pulp	20,000 tons yearly.

5) Additional reparation items needed for the above production.

As per attachment.

6) Necessity for conversion.

A. Motive and reason for initiating the enterprise.

(1) Motive and reason arining from the domestic circumstances.

The present Japanese paper industry world has been infested with dire shortage of pulp, particularly in kraft pulp, its production equipment situated in Saghalien constituting a major part of the national capacity, were totally lost. Despite a little restoration in production capacity through the postwar efforts of various manufacturers, the actual output in 1949 was only 29,391 tons or about 40% of the prewar level. The demand, on the other hand, has been augumenting keeping pace with the progress of culture to reach in 1949 about 70,000 tons as estimated by the Economic Stabilization Board, which is expected to advance to a considerable morevolume if other unregistered requirement for civilian use is added. Our enterprise aims at easing this shortage of kraft pulp as much as we can, to settle the conspicuous unbalance between demand and supply.

MANUFACTURING AND INDUSTRY FILE 11-6(8) Sec. II

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

(2) Motive and reason from a requirement in handling export commodities.

The present Japanese economic policy strongly calls for a brisk exporting of indigeous products. Setting aside their quality and prices, they are ordinarily packed in Wooden erates only to ereate poor appearances sensibly and they are often subjected to rough handling in transit because of their estensibly robust exterior view causing frequent breakage of contents. Many such cases leading to failures in export transactions have come to our notice.
Mass production of thick packing paper board enables us to pack many articles in nicer appearance and free from being broken in transit, except in case of goods absolutely requiring wooden crate packing. Our plan of manufacturing kraft pulp of which the said thick packing material is made aims at this.

(3) Reason from industrial adaptability for conversion of the ex-military plant.

The applied area is comparatively damaged by bombings, yet there remain sizable land, buildings, facilities and usable appratus. To set up a peaceful industry by utilizing these remaining equipment must naturally be a national concern to those burning with an aspiration for reconstruction to a peaceful denation, providing very helpful in strengthening production capacity of our narrowed industrial world and also in relieving mounting unemployment.
Production of kraft pulp whose supply is most unbalancedly poor against demand, is one of the peaceful industries requiring urgently early rehabilitation.
It is no exaggeration to say that the consumption of paper is tantamount to a barometer registering the culture level of a nation. Viewing from the present mounting demand for pulp and the fact that there is no kraft pulp producing plant in Kansai region i.e. our factory will be the only one if authorized, conversion of this ex-military plant into a kraft pulp factory is considered quite reasonable.

B. Reason for selecting as the site of our proposed factory the Hiro ex-11th Naval Aerearsenal.

(1) Favourable circumstance for acquiring material for operating a pulp industry.

The intended site locates at a point to which logs could be collected from Sanyo, Sanin districts, Shikoku and Kyushu and moreover is favoured with a milder climate favourably for growth of plants and is more abundant in log supply than any other district. There needs no fear of running short of material here.
Coal could be taken in seaborne taking advantage of a conveniently transportable condition. Coal of superior quality is also deposited in a large volume nearby.
Sulphurie soda, a principal chemical needed is being

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produced at the Teijin Iwakuni Factory, the Ube Kosan and the Toyo Soda, etc. in the adjacent area. Thus the place is in a position of being guaranteed in point of material for full operation.

(2) Favourable circumstance for selling kraft pulp produced.

With Osaka-Kobe and Shikoku, the potent demanding areas near it, the place is very convenient in selling the products.

(3) Favourable climate and human factor.

This district being warm in climate, there will be no hamper caused by show-fall and no need of considering seasonal change in transporting material.
As for human factor, numerous jobless populace equipped with a long term experience as factory workers are now available for our working personnel procurement.

(4) Reason from the type of apparatus existing in the area.

Many equipment have so far been picked up by other concerns or enterpreneurs according to their need upon permission, yet there remains a lot of equipment unwanted but usable for a chemical industry of kraft pulp manufacture.
It is our fervent desire to utilize them for contributing toward improving the improverished national economy.

(5) Reason from the type of facilities.

Despite heavy bombing damages in land, buildings, and cargo handling equipment, etc., there is much possibility that they could be utilized upon repairing.
It would take a long time and an enormous expense if they were to be constructed anew. Authorization for using these facilities will, therefore, be greatly appreciated.

The Toyo Pulp Co., Ltd.

Seiichi Tani
President.

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

Ser No. 3964 zatsu 25

July 26 '50

To : Head of Kanzai Bureau Ministry of Finance

Subject : Establishment of Toyo Pulp Inc. at Former Hiro Japanese Naval Aeronautical Plant.

In regard to demand and supply of craft pulp in Japan its product in 1949 was 35,000 tons while its consumption will be around 70,000 ton in 1950. At the time of great increasement of its product is expected this bureau have determined to support for the plan to let Toyo Pulp Inc. manufacture craft pulp by shifting equipments and machinery of the former Hiro Japanese Naval Aeronautical Plant by following good financial conditions as much as possible, so we wish your special considerations for the permission to shift the equipment and machinery as on the attached sheets of the afore mentioned plants.

1. Timber resources of this district is considered to be abound ant and the cheapest in Japan.
2. Present buildings can be used as is.
3. It has the advantage of land and marine transportation by using private railroad track and quay wall.
4. Glauber's salt, the most important chemicals, can be obtained cheaply from nearby rayon companies.
5. There are five cement company in this district which are great consumers of its products and there is no such craft pulp plant in Chugoku, Shikoku & Kyushu Area.
6. This plant is blessed with good and abundant water.

Head of Tsusho Zakka Bureau

Ministry of ~~Transpotation~~ Commerce INTERNATIONAL TRADE

and Indury.

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Items	Hiro Dist	Amatetsu Dist.	Total	Remark.
Electric Motors	15	76	91	0.5 50
Transformers	9	28	37	20 KVA 300KVA
Tanks	26	29	55	
Oil	11		11	
Pumps	2	20	22	
Lather etc.	29		29	
Boilers		20	10	
Generators		4	4	
Locomotives		1	1	30 KPH
Rolling stocks		26	26	
Crorres	13		13	
Chain blocks		22	22	

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TRANSLATION

Kure Kei No. 836

Date: 17 August 1950

TO : Honorable Hayato Ikeda, Minister of Finance

FROM : Tadato 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.

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LIST OF THE DESIRED REPARATION DESIGNATED MACHINERY AND EQUIPMENT

APPLICANT TOYO PULP CO., LTD.

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Name of Items	Name of M.F.G. Co.,	Type & Capacity	Inventory No.	Moving or Idle	Qty	Remarks.
ELECTRIC MACHINE						
		The number mentioned in the remarks column shows the page of the index list at the volnation record keeping the Kure Reparations Branch of Chugoku Finance Bureau				
Motor	Yasukawa Denki	10 HP	11-6(8)348	Idle	1	(215)
"	"	7.5HP	" 1058	"	1	(221)
"	Okumura Denki	Cage type 20HP	" 1077	"	1	221
Transformer	Meidensha	Out door oil Cooling 300K.V.A.	" 1804	"	1	261 Reseission of A.U. is under way
"	Mitsubishi Denki	100K.V.A.	" 1814	"	1	166
"	"	"	" 1815	"	1	166
Motor	U.S.A.	20HP	" 2138	"	1	273
"	Yasakawa Denki	7.5HP	" 2151	"	1	273
Transformer	Toba Denki	Out door oil cooling 35K.V.A.	" 2484	"	1	222
"	"	"	" 2485	"	1	222
"	Kyowa Denki	" 15K.V.A.	" 2486	"	1	222
Motor	Shibaura Seisaku	0.5HP	" 2479	"	1	203
"	Yasukawa Denki	30HP	11-6(9)706	"	1	249
Transformer	Osaka Henatsuki	Out door oil cooling 100K.V.A.	11-6(10) -100	"	1	206
"	"	"	" 101	"	1	206
"	"	"	" 104	"	1	206
Motor	Fuji Denki	5HP	11-6(13) -122	"	1	209

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Name of Items	Name of M.F.G. Co.,	Type & Capacity	Inventory No.	Moving or Idle	Qty	Remarks
Motor	Hidachi Denki	5HP	11-6(15)-124	Idle	1	200
Oil circuit breaker	Inoue Denki	200Amp	" 48	"	1	167
"	"	"	" 49	"	1	167
Motor	Yasukawa Denki	5HP	11-6(6)- 247	"	1	204
"	Fuji Denki	"	11-6(211)1-3	"	1	201
"	Mitsubishi Denki	10HP	45-7-241(10%)	"	1	2/4
Desk telephone	Nippon Denki		Item No. D 608	"	5	225
Telephone switch bord	Oki Denki	Circuit number 45	" 609	"	1	225
"	"	"	35 " 610	"	1	225
"	Hidachi Denki	"	80 " 611	"	1	225

Total Item-37 Qty-29

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Name of Items	Name of M.F.G. Co.,	Type & Capacity.	Inventary No.	Moving or Idle	Qty	Remarks
INDUSTRIAL MACHINE		The number mentioned in the remarks column shows the page of the index list at the valuation record keeping the Kure Reparations Branch of Chugoku Finance Bureau				
Strage tank	Osaka Tekko	Vertical type Dia 4500mm High 6000mm 95m³	11-8(8)-14	Idle	1	159
"	"	" 4400mm " 6000mm 94m³	"	15 "	1	159
"	"	"	"	16 "	1	159
"	"	" 3000mm " 6000mm 42m³	"	17 "	1	160
"	"	"	"	18 "	1	160
"	"	" 4500mm " 6000mm 75m³	"	19 "	1	160
"	"	"	"	20 "	1	160
"	"	"	"	21 "	1	160
"	"	"	"	22 "	1	160
Oil cooler	Hiro Kosho	Horizontal type Area 100m² Pipe dia 15mm Length 1340mm	"	76 "	1	186
"	Unknown	" Length 1500mm	"	79 "	1	186
"	"	" Length 1340mm	"	86 "	1	186
"	"	"	"	91 "	1	186
Evaporator	Uraga Dock	Area 11,09m² Pipe length 1760mm	"	129 "	1	160

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Name of Items	Name of M.F.G. Co.,	Type & Capacity	Inventory No.	Moving or Idle	Qty	Remarks
Pump for Evaporator	Uraga Dock	Capacity 4Om/H Pressure 15Kg/Cm^2	41-8(8)-130	Idle	1	331
Evaporator	"	Pressure 2T/H Steam presaure 16Kg/Cm^2	" 131	"	1	318
Storage tank	Unknown	Dia 5500mm High 5000mm Capacity 80m^3	" 137	"	1	165
Oil cooler	"	Horizontal type Area 250m^2 Pipe length 15mm Length 1400mm	" 271	"	1	186
"	Hiro Kosho	"	" 326	"	1	161
		Length 1840mm Pipe length 15mm				
"	"	"	" 327	"	1	160
"	"	"	" 328	"	1	160
Hydroric-crank planger pump	England	3-Cylinder H-6(8)-902 15 Kg/Cm^2	"	"	1	156
Pump hydroric reciprs-water	Showa Suisatsu	" 30Kg/Cm^2 5OLt/m	"1503	"	1	155
Weelding machine electric	Hidachi Seisakusho	21K.V.A.	"1576	"	1	222
			Resession of A.U. is under way			
Crane	"	20 ton	"1839	"	1	262
"	Miyahara Kikai	3 ton	"1840	"	1	158
"	England	"	"1841	"	1	158
"	"	"	"1842	"	1	159
"	Toa Kikai	2 ton	"1843	"	1	159
"	England	3 ton	"1844	"	1	159
"	"	"	"1846	"	1	159

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Name of Items	Name of M.F.G. Co.,	Type & Capacity	Inventory No.	Moving or Idle	Qty	Remarks
Crane	Unknown	2 ton	11-6(8)-1848	Idle	1	159
"	Toa Kikai	"	" 1849	"	1	159
"	Tanaka Kikai	3 ton	" 1858	"	1	160
Oil cooler	Hiro Kosho	Capacity 14Lt/sec cooling surface 4.6m^2	" 1945	"	1	168
"	"	"	" 1946	"	1	168
Oil Centrifugal separators	Hidachi Seisaku-sho	Dia 480mm High 190mm 38Lt/m	" 1948	"	1	222
Boiler Scotch	Unknown	Pressure 9Kg/cm^2	" 1990	"	1	234
"	"	"	" 1991	"	1	231
Crane	Toa Kikai	2 ton	" 1845	"	1	196
Compressure	Tokyo Ishikawajima	Capacity 34m^3/m Pressure 9atm	" 2072	"	1	222
Motor	"		" 1764	"	1	222
"	"		" 1947	"	1	222
Storage tank	Hiro Kosho	Dia 2850mm High 2750mm Capacity 14m^3	" 2104	"	1	235
Water tank	Unknown	Vertical type Length 3560mm wide 2500mm High 2500mm Capacity 22.6m^3	" 2107	"	1	216
"	"	" 3550mm " 2500mm " 2500mm " 22m^3	" 2108	"	1	217
"	"	" 3050mm " 2050mm " 2000mm " 12.5m^3	" 2109	"	1	217

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Name of Items	Name of M.F.G. Co.,	Type & Capacity	Inventory No.	Moving or Idle	Qty	Remarks
Storage tank	Unknown	Length 2050mm 11-6(8)-2110 Width 2050mm High 2000mm Capacity 12.5m^3		Idle	1	217
Air tank	"	Dia 4600mm High 3000mm Capacity 35m^3	" 2111	"	1	217
"	"		" 2112	"	1	217
Welding Machine	Hidachi	21K.V.A.	" 2158	"	1	275
Trackage crossing	Unknown	30Kg/m Gauge 1067mm	" 2521	"	1	239
Trackage point	"	"	" 2522	"	1	239
"	"	"	" 2523	"	1	239
"	"	"	" 2524	"	1	239
"	"	"	" 2525	"	1	240
"	"	"	" 2526	"	1	240
"	"	"	" 2527	"	1	240
"	"	"	" 2528	"	1	240
Crane Gantry electric	U.S.A.	10 ton	" 2529	"	1	233
Storage tank	Hiro Kosho	Dia 4600mm High 2700mm Capacity 50m^3	" 2538	"	1	235
"	"	" 4800mm " 4000mm " 62.5m^3	" 2539	"	1	148
"	"	" 4300mm " 3500mm " 51m^3	" 2540	"	1	148
Oil cooler	"	6 Kg/cm^2 Pipe dia 15mm Length 1940mm	" 2727	"	1	161
Blower	Osaka Juko	28 m^3/m 700mm (Hg)	" 2764	"	1	199

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Name of Items	Name of M.F.G. Co.,	Type & Capacity	Inventory No.	Moving or Idle	Qty	Remarks
Furnace Heating Cokes	Hiro Kosho	Temp 1200° C Length 1600mm High 500mm	11-6(8)-2766	Idle	1	213
Storage tank	Unknown	Dia 1570mm High 4000mm Capacity 7m³	〃 2827	〃	1	101
〃	〃	〃	〃 2828	〃	1	101
〃	〃	〃	〃 2829	〃	1	102
〃	〃	〃	〃 2830	〃	1	102
〃	〃	〃	〃 2831	〃	1	102
〃	Hiro Kosho	〃 4800mm 〃 4000mm 〃 125m	〃 2832	〃	1	102
Blower	Mitsubishi Denki	Twrbine type Volume 100m³/m	11-6(12)-61	〃	1	198
〃	〃	〃	〃 62	〃	1	198
〃	〃	〃 15m³/m	11-6(13)-86	〃	1	198
〃	〃	〃	〃 87	〃	1	198
〃	〃	〃	〃 88	〃	1	199
〃	〃	〃	〃 89	〃	1	199
〃	〃	〃	〃 90	〃	1	199
Hoist	Hidachi Seisakusho	Electric type	11-6(35)-12	〃	1	268 M.S. is wrong.
Gas generating	Unknown		11-6(8)- 1732	〃	1	218
Burners	Hiro Kosho		〃 1735	〃	1	213

Total Item-83 Qty-199

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Name of Items	Name of M.F.G. Co.,	Type & Capa-city	Inventory No.	Moving or Idle	Qty	Remarks
MACHINE TOOL		The number mentioned in the remarks column shows the page of the index list at the voluation record keeping the Kure Reparations Branch of Chugoku Finance Bureau				
Shaper	Unknown	Table 430mm x 500mm	11-6(8)-363	Idle	1	89
Lathe	Wakayama Kikai	Table length 3740mm	" 873	"	1	123
Grinder disk face	Sanko Seisaku	Wheel dia 300mm Width 50mm	" 1307	"	1	252
Lathe facing	Hiro Kosho	Table length 2030mm.	" 1319	Reseission of A.U. is under way	1	66
Manual press hand screw	Misugi Seisaku	Pressure 1/2ton	" 1519	"	1	247
Forging machine roll	U.S.A.	Roll dia 200mm	" 1562	Reseission of A.U. is under way.	1	250
Planer wood	Taiyo Seisaku-sho	Dia 100mm	" 2762EX	"	1	269
Drilling M/C	Hirao Tekko	Drill capacity dia 20mm Deepness 350mm	11-6(10) -46		1	88
——— " ———	——— " ———	——— " ———	11-6(10) -49	"	1	89
Lathe spacial	Sewatake	Table length 2550mm	11-6(12)-30	"	1	122
Sawing M/C	Unknown	Saw 530mm x 20mm	11-6(22) 8		1	189
Lathe	Toyo Kikai	Table length 2500mm	11-5(7)-301		1	253

Total Item - 12 Qty - 12

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Name of Items	Name of M.F.G. Co.,	Type & Capacity	Inventory No.	Moving or Idle	Qty	Remarks
APPARATUS						
		The number mentioned in the remarks column shows the page of the index list at the valuation record keeping the Kure Reparations Branch of Chugoku Finance Bureau				
Micrometer out side	Sokutei Kogu	Out side type 0-200mm 8-kinds	Item No. 0 - 1	Idle	40	241
" ib side	Sonoike	In side type 125-200mm 5 -kinds	" 2	"	15	241
Liquid level	Kagaku Keiki	Incline 0.05mm/m 0.5mm/m	" 7	"	2	242
Pressure gauge	Mori Keiki	4-200kg/cm² 8 kinds	" 8	"	139	242
Flow meter	Unknown	0-120m³/s	" 10	"	1	243
Frequency meter	Yokogawa Denki	55-78 Cy.	" 11	"	1	243
D.C.ohmic meter	"		" 12	"	5	243
Ammeter	"	Portable A.C. 0-75A 5kinds D.C. 0-150A 3kinds	" 13	"	19	243
Volt meter	"	Portable A.C. 150/300 kinds D.C. 150/300 2kinds	" 14	"	11	244
Thermic Volt meter	Toyo Keiki	0-1b 0-3/15 V	" 16	"	2	244
D.C. mill-voltage recording meter	Yokogawa Denki	K.R. type	" 17	"	2	244
"	"	"	" 18	"	1	244
Kyro meter	Tamaka Kikai	0-1600° C	" 19	"	2	244
Megger	Nippon Keiki		" 20	"	9	244
Speed indicator	Shinroku Sooten	Young type 100-500 Rellution	" 21	"	5	244
Stop watch	Suna		" 22	"	10	244

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Name of Items	Name of M.F.G. Co.,	Type & Capacity	Item No.	Moving or Idle	Qty	Remarks
Anemo meter	Tamaya	0-1000000m	C - 23	Idle	3	244
Depth gauge	Otsu	0-200mm 3-kinds	" 25	"	12	245
Testing set	Yokogawa Denki	0-10000000 Ohm	" 30	"	2	245
Special drill	Shimazu	Dia 14mm	" 31	"	1	245
Blast burner	Unknown	180x13 180mm	" 32	"	4	246
Chemical balance	Shimazu	1/1000-100gr	" 37	"	1	246
Diani meter	Sokuteisha		" 38	"	3	246
Bites	Unknown	25x25 19x19 15x15	" 69	"	120	263
Fils	"		" 70	"	526	263
Spanners	"	Both 3/8" - 1"	" 71	"	44	263
Hand Vices	"	50 x 50 mm	" 72	"	10	263
Drills	"	4 - 2 mm 3-kinds	" 73	"	56	264
Hand Reamers	"	6 - 25mm 2-kinds	" 75	"	20	264
Grinding wheels	"	150-670mm	" 78	"	30	264
Hand tap	"	15x24mm 7/8"x1 1/8"	" 79	"	30	264
Dies	"	22x35mm	" 80	"	20	264
Oil stons	"	70x260x20mm	" 89	"	4	265
Dies holders	"	3/8" x 2"	" 101	"	5	265
Dies Hands	"	6" x 8"	" 102	"	2	265
Blower lamp	"		" 103	"	2	265
Gas weeding nozzles	"		" 104	"	3	265
Meg ohm meters	"	500V	" 114	"	1	266
Total		Items - 28	Qty - 1162			

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Name of Items	Name of M.F.G. Co.,	Type & Capacity	Inventory No.	Moving or Idle	Qty	Remarks
SCRAP						
			The number mentioned in the remarks column shows the page of the index list at the voluation record keeping the Kure Reparations Branch of Chugoku Finance Bureau			
Chimney	Unknown		11-5(7)-1734	Idle	1	
"	"		" 1738	"	1	
Surface plate web	"		B 571	"	1	
Surface plate	"		3 - 56	"	1	
"	"		" 57	"	1	
Storage tank	"		11-6(8)-1572	"	1	
Crane	"		3 - 282	"	1	
"	"		" 283	"	1	
Total	Item - 8		Qty - 8			
Grand Total						
	Item - 168		Qty - 1341			
Items:						
Electric machine		Item - 27		Qty - 29		
Industrial machine		" 83		" 129		
Scrap		" 8		" 8		
Machine tool		" 12		" 12		
Apparatus		" 38		" 1,162		

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

2. Building

Area No.	Building No.	Former Name of Building	Total Area (tsubo)	Construction	Remarks
11-6(8)	On the attached map hereto	1 No.1 machine Shop, Engineering Section	2,379	Steel-framed, flat	Bldg.No. on Evaluation Sheet 1
"		2 Assembly Shop, Engineering Section	2,021	"	2
"		4 Generating plant	75	Bricks, flat	6
"		5 Field Office	89	Steel-framed, flat	7
"		6 No.1 material Storage	568	"	None
"		7 Temporary Welding Shop	128	Wooden, flat	"
"		8 No.8 Material Storage	120	Stone, flat	"
"		9 Lavatory	9	Wooden, flat	4
"		10 Latrine	10	"	5
"		11 Warehouse	21	"	No.8
Total			5,420		

3. Land

Area No.	Area (Tsubo)	Remarks
11-6(8)	70,547	

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

CYŪKŌ AREA

N

G

H

IWANI DĀRI

L

K

3

PAPER MACH

TRANSFORMIN

4

A

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

KŌ AREA. SCALE. 1/2,800

TSUKU

G

F

PLAN ROOM AND
MACHINE SHOP

6

B

LUMBER YARD

3
PAPER MACHINE ROOM

TRANSFORMING ROOM

4

A

2

MILL

YARD

PIER

K

SIGN	AREA
A	81,630

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

SCALE. 1/2,800

TSUKUMO

E

F

D

8

AND
HOP

6

B

LUMBER YARD

C

LUMBER YARD

WOOD OFFICE

7

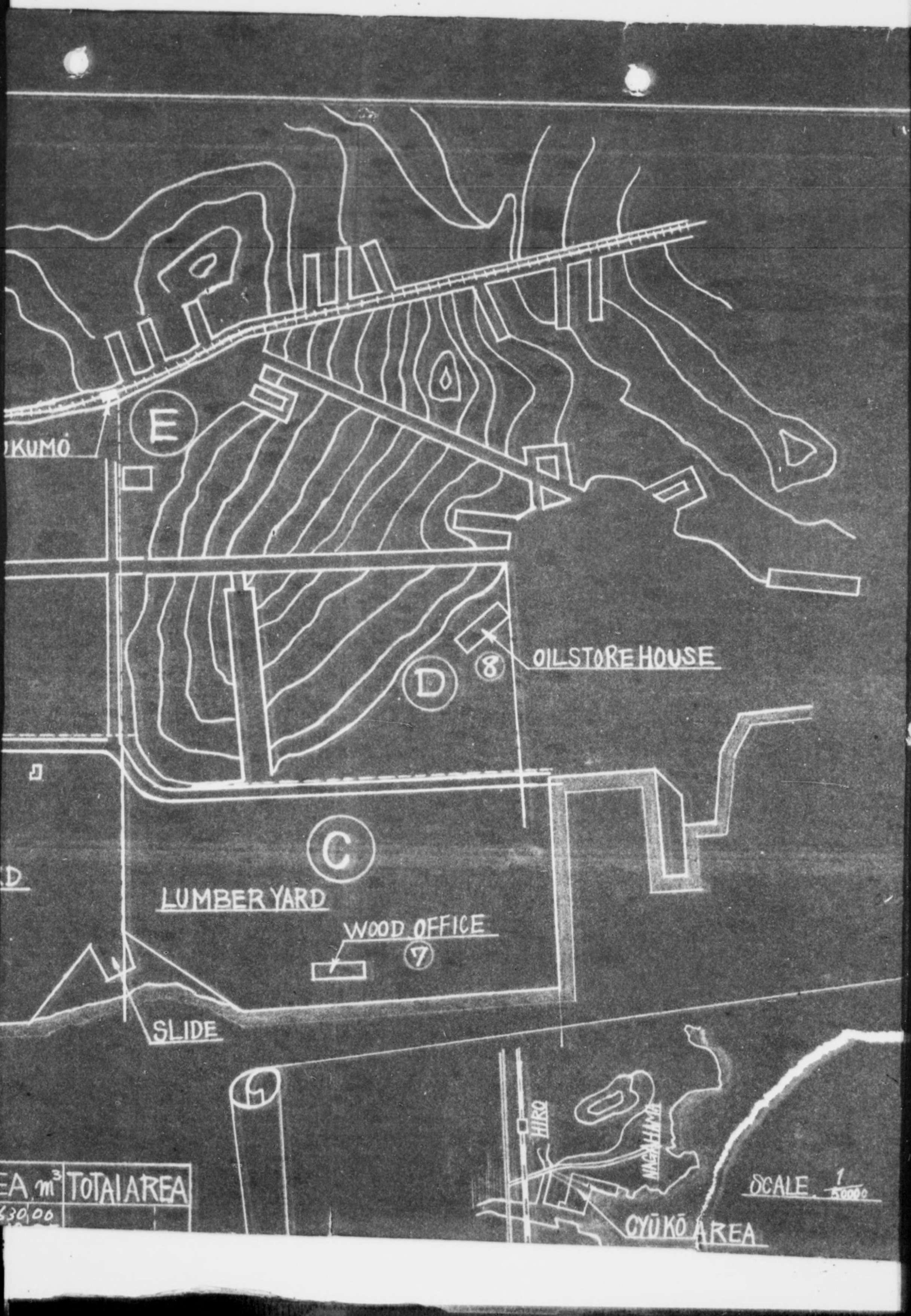
SLIDE

PIER

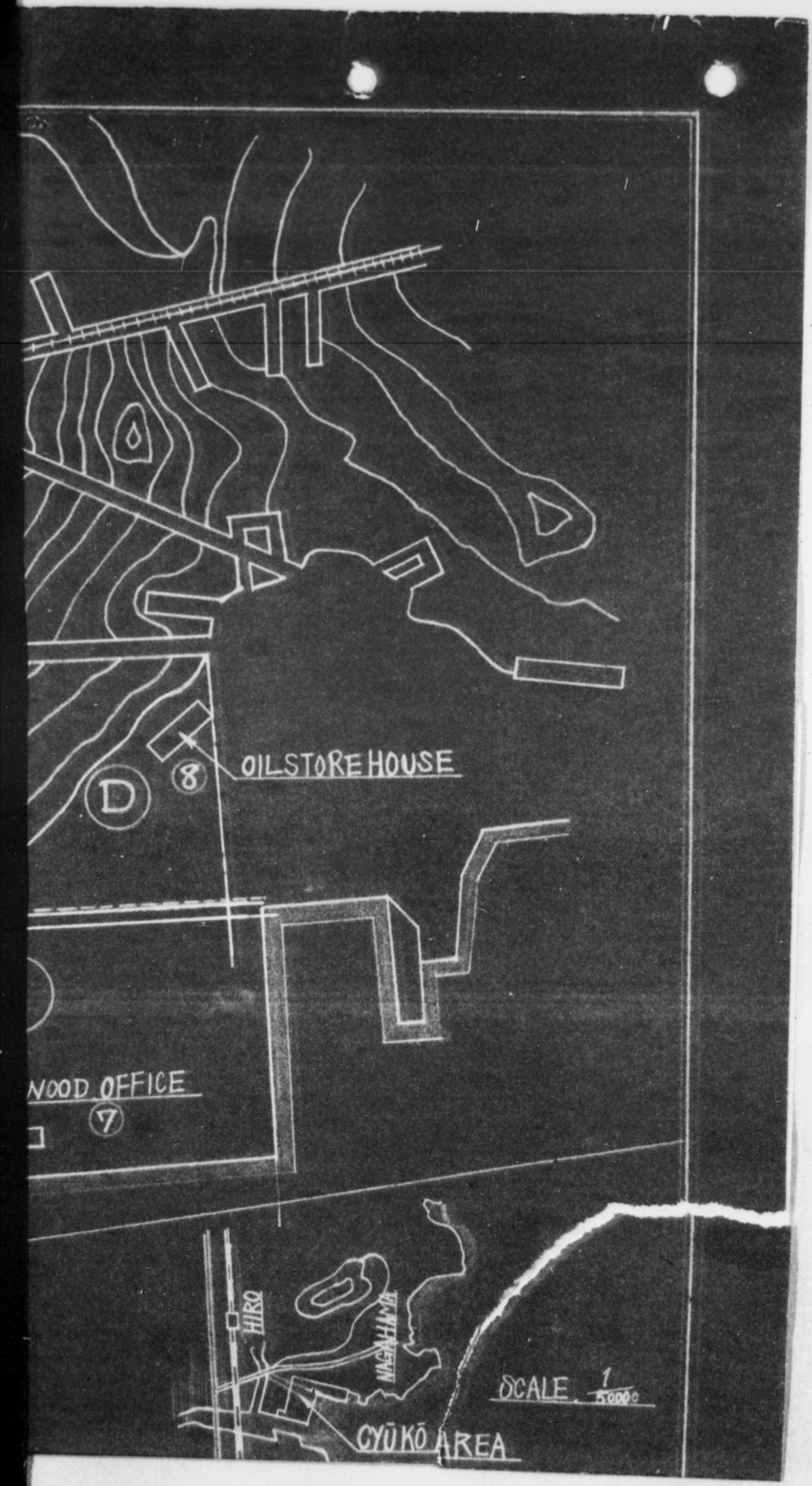
YARD

SIGN	AREA m^3	TOTAL AREA
A	81,630.00	

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



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



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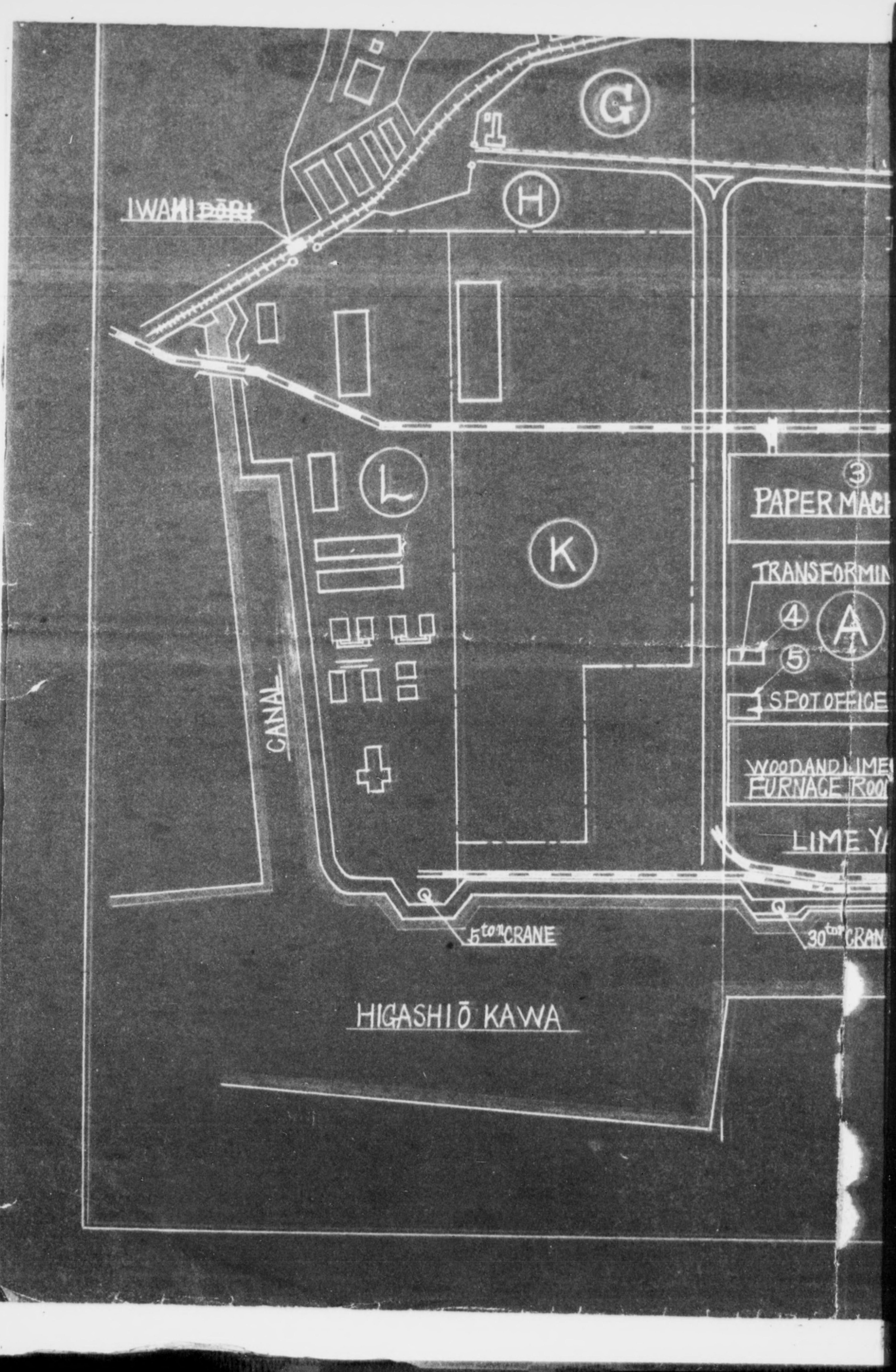


DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775013

G

H

PLAN ROOM AND MACHINE SHOP

6

F

LUMBER YARD

B

K

3

PAPER MACHINE ROOM

TRANSFORMING ROOM

2

4

A

5

SPOT OFFICE

1

WOOD AND LIME FURNACE ROOM

LIME YARD

PULP MILL

COAL YARD

PIER

JIB CRANE

30 ton CRANE

SIGN	AREA
A	81.6
B	92.34
C	47.9
D	11.08
E	733
F	10.59
G	9.25
H	8.39
I	54.71
J	459

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

F

D

8

OIL

6

C

B

LUMBER YARD

LUMBER YARD

WOOD OFFICE

7

SLIDE

PIER

JIBCRANE

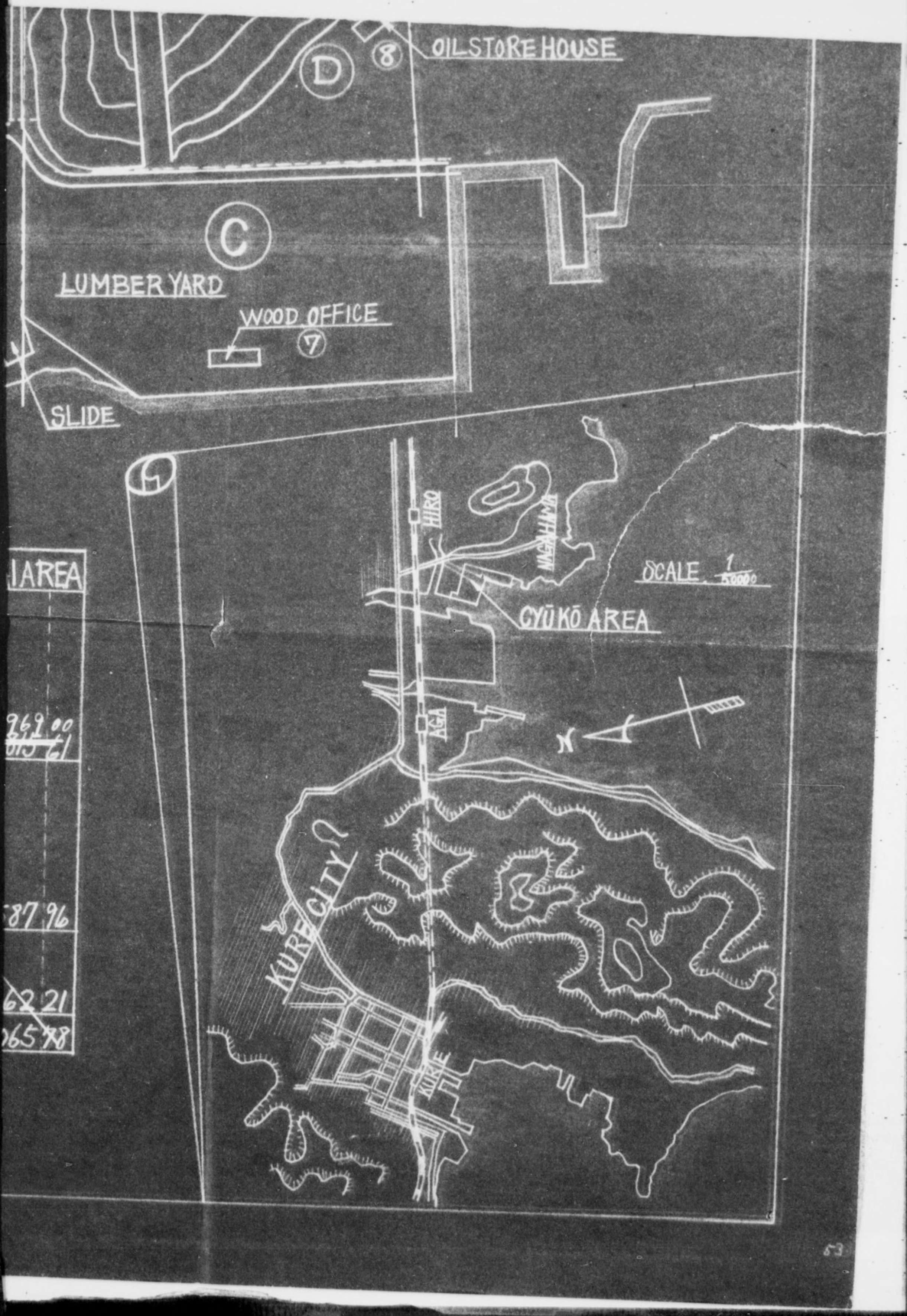
SIGN	AREA m^3	TOTAL AREA
A	81 630 00	
B	92.348 00	
C	47.906 00	
D	11.085 00	232969 00
E	7338 92	
F	10.595 97	
G	9,256 29	
H	8,396 78	113.587 96
I	54.711 32	
J	45,950 89	100.662 21
		465.065 78

HIRO

AGA

KURE CITY

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



AREA

969 00
013 61

87 96

62 21
065 78

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

CHUGOKU MARITIME BUREAU
KURE BRANCH OFFICE

Aug 18th 1950

To: Minister of Finance

From: Chief of Kure Branch Office, Chugoku Maritime Bureau

Subject: Application for movement and authorized use of Reparation Machinery

Sir,

The salvage company, Okada Gumi is now engaged to float and scrap the Ex-Japanese disabled battleship "HARUNA" off Etajima, Akigun, Hiroshima prefecture.

To accomplish the abovementioned work, the company is eagerly entreating to be permitted for the movement and use of reparation machinery, that is about 2,000 tons of air tanks and we are in the opinion that the air tanks are absolutely necessary to the floating operation.

Herewith, we beg your kind and prompt permission for which we appreciate very much.

Yours faithfully,

J. Tanaka
JIRO TANAKA
Chief of Kure Branch Office,
Chugoku Maritime Bureau.

MANUFACTURING AND INDUSTRY FILE 11-6(8) See II

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

APPLICATION FOR MOVEMENT AND AUTHORIZED USE OF
DESIGNATED REPARATION MACHINERY AND EQUIPMENT

Date: Aug 18th 1950

To: Minister of Finance

From: President of Okadagumi Co.,Ltd.
Address: 35 Kawaguchicho Nishi-Ku,Osaka city

1.Name (Code No.) and Location for the plant which intends to use designated reparation machinery and equipment.
Name: Okadagumi Co.,Ltd.,Kure Branch,5 chome Kaigandori, Kure city
Location: Koyo,Etajima,Akigun,Hiroshima prefecture

2.Name (Code No.) and Location of the plant where designated reparation machinery and equipment to be used actually exist.
Code No.: 11th Naval Air Arsenal,11-6(8)
Location: Hiro-machi,Kure city,Hiroshima prefecture

3.List of designated reparation machinery and equipment to be moved and used.
On attached list.

4.Necessity for movement and use of machinery and equipment.
We are now trying very hard on the salvage work to float and scrap the former Japanese disabled battleship "HARUNA" which sunk off Etajima,Akigun,Hiroshima pref.
About 1200 tons of air tanks of our own are already prepared, but we need more tanks of about 1500 tons to 2000 tons to accomplish the floating work quickly and safely.
We are in the opinion that without these additional air tanks, it is almost impossible to make success,so that we tried to search the suitable air tanks in the vicinity of Kure city and luckily found the abovementioned gasoline tanks which can be used as air tanks.
We desire to float the vessel by the end of August this year before the coming of big typhoons and herewith we beg to entreat eagerly your kind approval.

Signed S. Okada

SUKESHIRO OKADA,PRESIDENT,
OKADAGUMI CO.,LTD.

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

APPROVAL OF THE APPLICANT CONCERNING RESPONSIBILITY OF CUSTODY FOR DESIGNATED REPARATION MACHINERY AND EQUIPMENT

APPROVAL OF THE APPLICANT

I will take all responsibility of custody of the designated reparation machinery and equipment listed (attached sheet) in this application during the rented time which is expected for three months upon permit.

Upon completion of the floating operation, the tanks will be restored to the initial custodial area.

Signed S. Okada

SUKESHIRO OKADA, PRESIDENT,
OKADAGUMI CO., LTD.

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

LIST OF FACILITIES FOR APPLICATION

Code No.: 11-6(8)

Name of Plant: 11th Naval Air Arsenal

Address of Plant: Hiro machi, Kure city, Hiroshima prefecture

Inv.No.	Name of Machinery.	Brief specification.	Quantity.	Remark
11-6(8)-2090	Gasoline tank	100 KL	1	
" 2091	"	"	1	
" 2092	"	"	1	
" 2093	"	"	1	
" 2094	"	"	1	
" 2095	"	"	1	
" 2097	"	140 KL	1	
" 2098	"	"	1	
" 2099	"	"	1	
" 2100	"	"	1	
" 2101	"	"	1	
" 2102	"	"	1	
" 2541	"	"	1	
" 2542	"	"	1	
" 1572	"	"	1	
	Total	1860 KL	15 tanks	

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

2

Aug 10th 1950

To: Chugoku Civil Affairs Region

From: Okada Gumi Co.,Ltd.,5 chome Kaigan dori,Kure city

Subject: Temporary Loan of Reparations Gasoline-tanks

It will be greatly appreciated if a temporary loan of the below indicated gasoline-tanks be permitted for the purpose of salvaging former Japanese battleship "HARUNA" off Etajima island, Akigun,Hiroshima prefecture.

1. Gasoline-tanks applied for use:

Code Number	Name	Capacity
11-6(8)-2090	Gasoline-tank	100 KL
" " 2091	" "	"
" " 2092	" "	"
" " 2093	" "	"
" " 2094	" "	"
" " 2095	" "	"
" " 2097	" "	140 KL
" " 2098	" "	"
" " 2099	" "	"
" " 2100	" "	"
" " 2101	" "	"
" " 2102	" "	"
" " 2541	" "	"
" " 2542	" "	"
" " 1572	" "	"
Total	15 tanks	1860 KL

2. Present location of the Gasoline-tanks:
Former 11th Airplane Arsenal at Hiro,Kure city

3. Name of Applicant: Okada Gumi Co.,Ltd.

4. Place of Use:
Off Koyo,coast of Etajima island,Akigun,Hiroshima pref.

5. Term of Use: From Aug 15th 1950 to Nov 15th 1950

6. Reason of Use:
Now, we are trying very hard to float the former Japanese sunken battleship "HARUNA" of Etajima island,Akigun. About 1200 tons of air-tanks are prepared for this work,but we need more 2000 tons of air-tanks (abovementioned gasoline-tanks)to accomplish the salvage work surely, safely and quickly. We are eagerly hoping to float the vessel with success by the end of August this year and awaiting your kind approval.
The Finance Bureau has no objection to this matter.

Signature S. Okada
for SUKESHIRO OKADA
DIRECTOR,OKADA-GUMI.

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

HEADQUARTERS
CHUGOKU CIVIL AFFAIRS REGION
APO 182

CCAR 386.3 (D-St) 17 July 1950

MEMORANDUM FOR: Chugoku Finance Bureau

THROUGH: Chugoku Liaison and Coordination Office

SUBJECT: Temporary Use of Reparations Items

1. Reference is letter from Marumatsu Sangyo Co. Ltd., Hiro, Kure City, Hiroshima Prefecture dated 14 July 1950, subject: "Transformer".

2. The use of transformers 11-6(8)-2863, 11-6(8)-2421, 11-6(8)-2422 and 11-6(8)-2423 until 31 August 1950 as requested in reference letter is approved.

3. The Marumatsu Sangyo Co. Ltd. will be responsible for all cost of maintenance and operation of the above items in an "as is" condition. Any damage occurring to the above items will be repaid at the expense of the using company.

C. N. BAILEY
Colonel, Inf
Chief

Telephone approval given by
Maj. Freeman, CAS/SCAP to
Mr. R.G. Stradley.

Subject File
RSS
HBK
11-6(8)
Dec 41

ZEON 1263

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

MARUMATSU SANGYO CO LTD.
HIRO,KURE-CITY,HIROSHIMA

Dated: July 14, 1950

To : Civil Affairs Chugoku Region,
Kure

From : Marumatsu Sangyo Co., Ltd.
Hiro, Kure-city, Hiroshima

Subject : Transformer.

We wish to borrow your transformer,as mentioned below, which is located in the area of Chugoku Kosan,Hiro

1. Code No:

Code No.	Capacity
11-6(8)-2863	333 K.V.A.
11-6(8)-2421	50 "
11-6(8)-2422	50 "
11-6(8)-2423	50 "

2.Name:

Above numbers and capacity for transformer.

3. Term:

From July 14, 1950 to August 31, 1950

4. Reason:

To function a 30 H.P. wich, which does not work with other transformer because of low capacity.

Representative of
Marumatsu Sangyo Co., Ltd.

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

HEADQUARTERS
CHUGOKU CIVIL AFFAIRS REGION
APO 182

TELEPHONE EXTRACT:

17 July 1950
1400 hours

FROM: Mr. Stradley
Economics Section, Chugoku Civil Affairs Region

TO : Major Freeman and Mr. Woodward
Civil Affairs Section, GHQ, SCAP

1. Reference telephone conversation of 8 July between Major Freeman and Mr. Stradley relative use of 4 transformers in 11-6(8) "Chuco" area by Marumatsu Sangyo Co. approval was given for use until 31 August 1950. (Chugoku Finance Bureau was so notified)

2. Reference report of sinking of caisson 11-5(5)-12281 on 20 June 1950. No decision as to disposition has been reached by CPC/SCAP. It was recommended that it be left in an "as is" condition still subject to reparations until it either becomes allocated or a navigation hazard.

3. The use of 21 items requested by Japan steel company three weeks ago for the manufacture of nuts on P.D. for the Big 5 and Big 9 repair of army equipment has not as yet been decided. It was pointed out to Major Freeman that a hold up of army repair work of automotive and engineering equipment might become involved. He promised to attempt to get a decision.

R. G. STRADLEY, DAC

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

REPORT ON RESCISSION OF AUTHORIZED USE EQUIPMENT.

Date: 6th July 1950.

TO : MINISTER OF FINANCE.

FROM : Morichi Tanabe,
President of Hiroshima Isuzu Jidosha Co., Ltd.
243, Nari No-4, Nishikaniya-Cho, Hiroshima City, Hiroshima Pref.

1. Location (Code No.) Hiro-machi, Kure City. (11-6(13)).

2. User : Hiroshima Isuzu Jidosha Co., Ltd.

3. Reason of Rescission:

By the business circumstances we moved entire equipment and working men(except designated Reparation Machines) from our Kure branch plant to Hiroshima Main plant several monthes ago in order to unify these 2 plants to one, Meantime we applied for the Permission to move these Designated Reparation Machines to our Hiroshima Main Plant from closed Kure Branch Plant which are previously authorized to use and some are authorized for temporary operation(T.O.) at our plant.

But some how, It is understand that Authority's Opinion are quite difficult to issue the permission to move these Repuration Machines at present, Then it will be great consequence to our part of plant continuation which more then 250 labourers and their families who are rely on to make living at this plant.

Therefor, Now, We rescind these underlisted comparatively less utilization machines and mean time wishing that you give us special consideration on removal permission to only most impoetent machines for us.

4. Total No. of Rescinded Equipment: 3.

5. Name of Reporter:

Morichi Tanabe,
President,
Hiroshima Isuzu Jidosha Co., Ltd.

MANUFACTURE AND INDUSTRY
FILE 11-6(13)
Sec. No.

LIST OF RESCINDED EQUIPMENT:

Inventory No.	Name of Equipment.	Remarks.
11-6(13)-38	Bench Milling Machine	
" -61	Electric Drying Furnace.	
" -78.	Drilling Mechine(bench)	

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

Copy

APPLICATION FOR CONVERSION OF DESIGNATED REPARATION PLANT

June 26, 1950

To: Minister of International Trade and Industry

From: General Manager, Hiro Seisakusho, Kawaminami Kogyo K.K.
14580, Suehiro, Hiro-machi, Kure-city

1) Name of Plant & Code No.;

11th Naval Aeronautical Arsenal Code No. 11-06

2) Location of Plant;

Hiro-machi, Kure-city, Hiroshima Prefecture

3) Categorys;

Naval Aeronautical Arsenal

4) Production;

Present: None
Planned: Home use Sewing-machine
Monthly production in unit; 1,000 units

5) Reparation items needed for the above production 126 machines as per list attached.

6) Necessity for conversion;

As peace and export industry, the sewing machine industry in Japan has the rosy future among the mechanical industries of the country.

Being recognized as superior in quality and price in the world market, a great number of Japanese sewing machines is being exported to U.S.A. as well as other countries. The machine is now regarded as one of the indispensable items in the daily life of the Japanese, whose way of clothings has undergone the major change since the war's end, with the European styles mostly preferred. The machine is most fittingly utilized for side-job at home, which will assure us of its great demand in the future.

With Kure most conveniently located in the way of sewing machine industry, the Company would have become as the one and only maker in Chugoku, Shikoku and Kyusyu districts, to the major relief of the unemployed as well as the prosperity of the city as an open port.

For the above reasons, we started, with the verbal permission from the Hiroshima Civil Affairs Team, the research and trial manufacture on home use sewing machines in July 1947, with the excellent result obtained both in actual test and price.

In the 3rd Home-made Sewing Machine Contest recently held, as sponsored by the Ministry of International Trade and Industry, we were honored with a commendation from the Minister.

MANUFACTURING AND INDUSTRY FILE 11-6(2)

Sec. 22

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

We have also been floaded with inquires from U.S.A. and other overseas firms. Confident of the fine technique and marketability of our products, we are anxious to start the manufacture of sewing machine as follows:

General description of program.

(1) Production: Sewing machines for home use.

(2) Annual production in unit: 10,000 units

(3) " " " yen: ¥ 120,000,000

(4) Organization of plant:

Office, casting shop, machine shop, painting shop, gilding shop and assembling shop.

(5) Facilities: About 180 machines

(6) Employees: About 320 employees

(7) Operating funds: ¥ 10,000,000

For above-mentioned plan, to build a new factory and arrange the equipment is very hard in the viewpoint of enterprise, except taking advantage of the reparation's equipment in Kure City.

We sincerely hope you will kindly give us the permission by which we can use some of the reparation's machines for the sewing machines, for major relief of the unemployed as well as the prosperity of the industry in Kure, as peace and export industry

Signed S. Iwamoto
General Manager
Kawaminami Kogyo K.K. Hiro Seisakusho

~~Attached List;~~

~~1 list of machinery and equipment to be used.~~

~~Attached Document;~~

~~Letter of agent.~~

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

LIST OF THE DESIRED REPARETION DESIGNATED MACHINERY AND EQUIPMENT

Applicant Hiro Seisakusho
Kawaminami Kogyo K.K.

Name of Items	Name of Mfg.Co.	Type & Dimension	Inventory No.	Operation or Idle	No. of Items	Remarks
1. Machine Tool						
Sewing Machine Hack Saw	Rokuroku Shoten	Max. Work Dimension 180 mm	11-6(8)-43	Idle	1	
Lathe-Gap	Unknown	Swing 400 mm Center distance 890 mm	" 69	"	1	
Lathe-Engine	Loewe Co. (U.S.A.)	Swing 360 mm Center distance 1,130 mm	" 70	"	1	
"	Reed open-Tice Corp (U.S.A.)	Swing 540 mm Center distance 450 mm	" 160	"	1	
Milling Machine Horizontal-Knee Type	Brown & Sharp (U.S.A.)	Table travel 700 x 250 x 250 mm	" 186	"	1	
Drilling Machine Vertical	Sawatake	Cap. DiaxDepth 35 x 130 mm	" 221	"	1	
"	Okuma Iron Works	Cap. Dia.xDepth 20 x 110 mm	" 222	"	1	
Lathe-Bench-Gap	Ogaki Iron Works	Swing 250 mm Center distance 500 mm	" 232	"	1	
"	"	"	" 234	"	1	
"	"	"	" 235	"	1	
"	"	"	" 243	"	1	
Milling Machine-Vertical-Knee type	Becker (U.S.A.)	Table travel 265 x 115 x 175 mm	" 260	"	1	

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

Name of Items	Name of Mfg.Co.	Type & Dimension	Inventory No.	Operation or Idle	No. of Items	Remarks
Milling Machine Horizontal- Knee Type	Cincinnati (U.S.A.)	Table travel 900 x 500 x 200 mm	11-6(8)-262	Idle	1	
"	"	"	264	"	1	
Drilling Machine Vertical	Unknown	Spindle/Column Max. distance 200 mm	300	"	1	
Lathe-Turret Ram Type	Toyo Kikai	Swing 400 mm Bed Length 930 mm	493	"	1	
Lathe-Engine	Washino	Swing 320 mm Center distance 500 mm	" 548	"	1	
"	"	"	" 554	"	1	
"	"	"	" 571	"	1	
"	"	"	" 573	"	1	
Milling Machine Universal Head	Toyo Kogyo	Table travel 550 x 250 x 300 mm	" 590	"	1	
Drilling Machine Vertical	Unknown	Spindle/Column Max. distance 200 mm	" 603	"	1	
Drilling Machine Multiple(2)	"	Spindle Dia.22mm Spindle distance 255 mm	" 604	"	1	
Grinding Machine External- Cylindrical	"	Swing 320 mm Center distance 840 mm	" 656	"	1	
Grinding Machine Internal- Cylindrical	Okamoto Kosaku	Swing 340 mm Wheel Dia.xWidth 30 x 20 mm	" 663	"	1	
Grinding Machine -Internal	Toyo Kogyo	Swing 360 mm Table travel 300 mm	" 666	"	1	

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

Name of Items	Name of Mfg. Co.	Type & Dimension	Inventory No.	Operation or Idle	No. of Items	Remarks
Milling Machine Horizontal-Knee type	Toyo Kogyo	Table travel 11-6(8)-669 550 x 250 x 300 mm		Idle	1	
Lathe-Turret Ram Type	Hitachi Seiki	Swing 450 mm Bed Length 1,200 mm	" 690	"	1	
Lathe-Engine	Osaka Kiko	Swing 340 mm Center distance 600 mm	" 712	"	1	
Milling Machine Thread Miller	Yamaki	Table travel 200 x 180 mm	" 735	"	1	
Milling Machine -Unit	Unkown	Spindle travel 80 mm	" 791	"	1	
"	"	"	" 793	"	1	
Lathe-Single Purpose	"	Swing 400 mm Bed Length 1,350 mm	" 810	"	1	
Lathe-Heavy Duty	"	Swing 400 mm Bed Length 1,400 mm	" 824	"	1	
Milling Machine Vertical Knee Type	Becker (U.S.A.)	Table travel 700 x 350 x 330 mm	" 867	"	1	
"	Osaka Kiko	Table travel 650 x 300 x 330 mm	" 868	"	1	
Drilling Machine Vertical-Multiple	Mitsu bishi	Cap. Dia.xDepth 20 x 300 mm	" 877	"	1	
Milling Machine Vertical-Knee Type	Hitachi Seiki	Table travel 630 x 280 x 340 mm	" 882	"	1	
"	Osaka Kikai	Table travel 650 x 330 x 300 mm	" 884	"	1	
Grinding Machine Hydraulic-External	Riken	Swing 320 mm Center distance 650 mm	" 888	"	1	

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

Name of Items	Name of Mfg. Co.	Type & Dimension	Inventory No.	Operation or Idle	No. of Items	Remarks
Slotter-Vertical	Osaka Kikai	Ram Stroke 318 mm	11-6(8)-919	Idle	1	
Milling Machine Vertical-Knee Type	Hitachi Seiki	Table travel 630 x 280 x 340 mm	" 921	"	1	
"	Osaka Kikai	Table travel 650 x 330 x 300 mm	" 924	"	1	
Drilling Machine Multiple	National (U.S.A.)	Spindle/Table distance 200 mm	" 960	"	1	
Milling Machine Vertical-Knee Type	Cincinnati (U.S.A.)	Table travel 800 x 380 x 360 mm	" 977	"	1	
Lathe-Engine	Osaka Kosaku	Swing 480 mm Center distance 600 mm	" 1183	"	1	
Grinding Machine Tool & Cutter Universal	Unknown	Swing 200 mm Center distance 150 mm	" 2217	"	1	
Grinding Machine Hirozontal-Magnetic	Thomp-son(U.S.A.)	Table travel 1,300 mm	" 2260	"	1	
Milling Machine Vertical-Knee type	Osaka Kiko	Table travel 600 x 300 x 300 mm	" 2292	"	1	
Drilling Machine Radial-Plain	Wakaya ma	Swing 2,660 mm	11-6(9)- 49	"	1	
"	Ikegai Iron Works	Swing 2,530 mm Base Plate Size 1,320 x 980 mm	58	"	1	
Drilling Machine Upright-Sensitive Power Feed	Tokyo Kosaku kikai	Base Plate Size 600 x 585 mm	" 88	"	1	
"	"	"	" 89	"	1	
Milling Machine Knee Type-Hori. Plain-Dial	Osaka Kiko	Table travel 905 x 310 x 470 mm	" 92	"	1	

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

Name of Items	Name of Mfg. Co.	Type & Dimension	Inventory No.	Operation or Idle	No. of Items	Remarks
Milling Machine Knee Type-Hori. Plain	Koa Kikai	Table travel 680 x 290 x 570 mm	11-6(9)- 95	Idle	1	
Shaper-Hori.	Kojima Iron Works	Max. Stroke 500 mm	" 97	"	1	
Milling Machine Knee Type-Hori. Plain	Koa Kikai	Table travel 680 x 290 x 570 mm	" 98	"	1	
Lathe-Engine	Hollin Wood (England)	Swing 390 mm Center distance 1,200 mm	" 120	"	1	
Milling Machine Knee Type-Hori. Plain	Alfred Herbard (England)	Table travel 65 x 165 mm	" 135	"	1	
Drilling Machine -Bench	Towa Kikai	Table Dia. 260 mm	" 166	"	1	
Lathe-Engine Standard	Riken	Swing 375 mm Center distance 1,250 mm	" 167	"	1	
Milling Machine Unit	Hitachi	Spindle/Over Arm Distance 165 mm	" 172	"	1	
"	"	"	" 173	"	1	
Drilling Machine Bench	Towa Kikai	Base Plate Size 280 x 240 mm	" 203	"	1	
Milling Machine Knee Type-Hori. Plain	Pratt & Whitney (U.S.A.)	Table travel 180 x 130 x 250 mm	" 218	"	1	
Lathe-Engine Standard	Niigata Iron Works	Swing 390 mm Center distance 700 mm	" 237	"	1	
Drilling Machine Bench	Towa Kikai	Base Plate Size 280 x 240 mm	" 312	"	1	
Milling Machine Knee Type-Hori. Plain	Yamaguchi Seiki	Table travel 190 x 115 x 240 mm	" 327	"	1	

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Name of Items	Name of Mfg. Co.	Type & Dimension	Inventory No.	Operation or Idle	No. of Items	Remarks
Drilling Machine -Bench	Towa Kikai	Base Plate Size 1,000 x 800 mm	11-6(9)-334	Idle	1	
Lathe-Engine Standard	Uroko Seisakusho	Swing 540 mm Center distance 800 mm	" 360	"	1	
"	"	"	" 361	"	1	
"	"	"	" 362	"	1	
"	"	"	" 363	"	1	
"	"	Swing 540 mm Center distance 1,000 mm	" 365	"	1	
Lathe-Gap	Unknown	Swing 360 mm Center distance 500 mm	" 369	"	1	
Lathe-Engine Standard	Uroko Seisakusho	Swing 540 mm Center distance 800 mm	" 378	"	1	
"	Matsumoto Seiki	Swing 300 mm Center distance 550 mm	" 380	"	1	
Milling Machine Universal	Kinoshita Seisakusho	Table travel 885 x 240 x 430 mm	" 386	"	1	
Milling Machine Knee Type-Vertl. Standard	Becker (U.S.A.)	Table travel 560 x 308 x 315 mm	" 432	"	1	
Lathe-Engine Standard	Rokuroku Shoten	Swing 270 mm Center distance 500 mm	" 443	"	1	
"	"	"	" 445	"	1	
Lathe-Engine Standard	Rokuroku Shoten	Swing 270 mm Center distance 500 mm	" 446	"	1	

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Name of Items	Name of Mfg. Co.	Type & Dimension	Inventory No.	Operation or Idle	No. of Items	Remarks
Lathe-Engine Standard	Rokuroku Shoten	Swing 270 mm Center distance 500 mm	11-6(9)-448	Idle	1	
"	"	"	" 454	"	1	
"	Nipatsu Seiki	Swing 590 mm Center distance 1,200 mm	" 480	"	1	
Drilling Machine Radial Plain	Aikawa Iron Works	Swing 2,160 mm Base Plate Size 1,120 x 810 mm	" 495	"	1	
Lathe-Engine Standard	Nipatsu Seiki	Swing 590 mm Center distance 1,200 mm	" 497	"	1	
"	"	"	" 498	"	1	
"	"	"	" 499	"	1	
"	Osaka Kosakusho	Swing 510 mm Center distance 1,100 mm	" 500	"	1	
"	Nipatsu Seiki	Swing 590 mm Center distance 1,200 mm	" 501	"	1	
"	Osaka Kosakusho	Swing 510 mm Center distance 1,100 mm	" 503	"	1	
"	Nipatsu Seiki	Swing 590 mm Center distance 1,200 mm	" 504	"	1	
Drilling Machine Upright-Sensitive Power Feed	Yoshida Iron Works	Base Plate Size 430 x 400 mm	" 512	"	1	
Drilling Machine Upright-Sensitive Power Feed	"	"	" 513	"	1	
"	"	"	" 514	"	1	

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Name of Items	Name of Mfg. Co.	Type & Dimension	Inventory No.	Operation or Idle	No. of Items	Remarks
Drilling Machine Upright-Sensitive Power Feed	Yoshida Iron Works	Base Plate Size 430 x 400 mm	11-6(9)-515	Idle	1	
Milling Machine Horizontal-Plain	British Allows (English)	Table travel 380 x 140 x 425 mm	"	522	"	1
Lathe-Engine-Standard	Nipatsu Seiki	Swing 590 mm Center distance 1,200 mm	"	563	"	1
"	"	"	"	564	"	1
"	"	"	"	565	"	1
"	"	"	"	566	"	1
"	Washino Seiki	Swing 300 mm Center distance 500 mm	"	594	"	1
"	Rokuroku Shoten	Swing 270 mm Center distance 550 mm	"	597	"	1
Lathe-Engine -Reliving	Okamoto Kosakusho	Swing 480 mm Center distance 620 mm	"	605	"	1
"	Jholroyd (Engiland)	Swing 540 mm Center distance 1,030 mm	"	606	"	1
Lathe-Engine Standard	Akiboku Seisakusho	Swing 365 mm Center distance 750 mm	"	607	"	1
Milling Machine Knee Type-Verti. Ram	Showa Koki	Table travel 847 x 407 x 330 mm	"	609	"	1
"	Unknown	Table travel 935 x 240 x 370 mm	"	618	"	1
Milling Machine Bed Type-Hori.	Mitsubishi	Table travel 1,030 x 410 mm	"	619	"	1

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Name of Items	Name of Mfg. Co.	Type & Dimension	Inventory No.	Operation or Idle	No. of Items	Remarks
Lathe-Engine Standard	Uroko Seisakusho	Swing 540 mm Center distance 1,000 mm	11-6(9)-653	Idle	1	
Grinding Machine Internal-Cylind. Plain	Shoun	Swing 390 mm Grinding Wheel Dia. 60 mm	" 654	"	1	
Milling Machine Knee Type-Hori. Plain	Pratt & Whitney (U.S.A.)	Table travel 180 x 30 x 250 mm	" 887	"	1	
Milling Machine Vertical-Knee Type	Toyo Kikai	Table travel 895 x 440 x 400 mm	11-6(10)- 36	"	1	
"	"	"	" 44	"	1	
"	Fritz Werner (Germany)	Table travel 700 x 270 x 370 mm	11-6(11)- 55	"	1	
Grinding Machine Surface-Rotary Magnetic	Showa Kiko	Table Dia 510 mm Grinding Wheel Dia 355 x 80 mm	" 96	"	1	
Grinding Machine Sizematic-Internal Hydraulic	Toyo Kogyo	Swing 395 mm Max. Stroke 220 mm	" 115	"	1	
Grinding Machine Centerless- Hydraulic Dresser	Nihon Kenmaki	Grinding Wheel Size DxT 400 x 150 mm " 230 x 150 mm	" 130	"	1	
Lapping Machine Combination- Hydraulic	Shoun	Wheel Dia. 600 mm Max. Distance bed Lap. 100 mm	" 153	"	1	
Milling Machine Hirozontal- Knee Type	Hitachi Seiki	Table travel 740 x 320 x 300 mm	11-6(12)- 50	"	1	
Lathe-Engine	Riken	Swing 290 mm	" 101	"	1	
"	Kiryu Kikai	Swing 320 mm	11-6(22)- 3	"	1	
"	Shimamoto	Swing 340 mm	" 4	"	1	
"	"	Swing 340 mm	" 5	"	1	

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Name of Items	Name of Mfg. Co.	Type & Dimension	Inventory No.	Operation or Idle	No. of Items	Remarks
Machine Tool						
Total 125						
2. Industrial Machine						
Mechanical Press Inclinable	Unknown	Pressure 20 MT.	11-6(8)-2207	Idle	1	
Total 1						
Grand Total 126						

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LETTER OF ASSENT

June 10, 1950

TO : The Ministry of Finance

FROM : General Manager, Hiro Seisakusho, Kawaminami Kogyo K.K.

Sire;

I, the undersigned, hereby assent for the custodian of 11th Naval Aeronautical Arsenal to take burden of the responsibility pertaining to maintenance of the reparation designated machinery and equipment, list of which is attached to the application herein, belong to the above arsenal, when the same are used in Hiro Seisakusho, Kawaminami Kogyo K.K.

Signed S. Iwamoto
General Manager, Hiro Seisakusho,
Kawaminami Kogyo K.K.
(Person who desires to use the reparation designated machinery and equipment)

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Established 1876. Incorporated 1889.

TELEPHONE:
KYOBASHI(56)
2161—9

ISHIKAWAJIMA HEAVY INDUSTRIES CO., LTD.
(ISHIKAWAJIMA JUKOGYO KABUSHIKI KAISHA)
54, TSUKUDAJIMA, CHUO-KU,
TOKYO.

APPLICATION FOR MOVEMENT AND AUTHORIZED USE OF DESIGNATED REPARATION MACHINERY

Date: 21 June, 1950

To : Mr. Hayato Ikeda
Minister of Finance

From: Katsuji Shimojima
President and Director of
Ishikawajima Heavy Industries Co., Ltd.
(Ishikawajima Jūkōgyō K. K.)
Address: 54, Tsukudajima, Chūō-ku, Tokyo.

MANUFACTURING AND INDUSTRY
FILE 11-6(8) Sec #1

1) Name and Location for the plant which intend to use designated reparation machinery.

(a) Name
The 3rd Factory of Ishikawajima Heavy Industries Co., Ltd. (Non-Reparation Factory).
(b) Location
1, 2-chōme, Fukagawa-Toyosu, Kōtō-ku, Tokyo.

2) Name (Code No.) and Location of the plant where designated reparation machinery to be used actually exist.

(a) Name (Code No.)
Former 11th Naval Aero Arsenal
Code No. : 11 - 6
(b) Location
Hiro-town, Kure-city, Hiroshima Pref.

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3) List of the designated reparation machinery to be moved and used.

Inv. No.	Name of Machinery	Brief Specification	Quantity	Note
11-6(8) -1,314	Engine Lathe	Swing Over Bed, 1500mm Between Centers, 5600mm Rough Weight, 30t	1	Complete
11-6(8) -1,321	ditto	ditto	1	ditto
11-6(8) -1,322	ditto	ditto	1	ditto
11-6(8) -1,327	ditto	ditto	1	ditto
~~11-6(8) -1,330~~	~~ditto~~	~~ditto~~	~~1~~	~~ditto~~
Total			4 5	

4) Necessity for movement and use of the machinery.

The company has been engaged in construction and repairing of ships, production and repairing of industrial machinery since it was incorporated in 1889 (the 22nd year of Meiji Era), and is very reputable in Japanese industrial circles. After the war, the company has been continually engaged in the above mentioned business, and has now so many orders as amount to about ¥230,000,000, making much contribution to the reconstruction of the Japanese economy.

Especially, as to the shipbuilding and repairing, marine steam turbine and their related works, the company has received the order for 6,150 Displacement ton cargo ship of the 5th Ship-Building Program, and has received the orders for the reconstruction of two 7,000 gross ton 2A-type cargo ships of the 2A-type Ship Reconstruction Program, moreover, has received the orders for as much as 22 turbines which are more than 40% of the necessary turbines at present in Japan; besides, the company has recently succeeded in receiving the orders for the building of foreign ships. The orders which are already decided or about to be decided are as follows.

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To Brazil ..... 9 ships (Including Tugboats)
To India ..... 3 ships (Barges)
Moreover, the U.S. Army ships come into our factory one by one to be repaired.

As shown above, the company's works for ship-building and ship-repairing, and their related works are extremely congested at present. (cf. attached lists)

The 3rd Factory, where the designated reparation machine tools are to be used, produced principally marine engines mentioned above.

Although the said Factory plays an important part in the manufacturing of marine engines, we cannot but point out the serious shortage of larger machine tools. The machine tools requested in this application are absolutely essential to break the bottle-neck.

The Factory, of course, has 53 engine lathes both large and small at present. Among them, there are 10 lathes swing of which is more than 1 metre, but all of them are inferior lathes made by a 3rd class maker, and have become inaccurate due to over-use during the war. As a result, they are no longer fit for producing of steam turbine parts which require higher accuracy. So lately the company has received complaints from the orderers, much to the company's regret. Moreover, of the ten large lathes, eight have been borrowed from Kanto Property Affair Bureau of Finance Ministry since the War, and are being considered to be returned to the owner.

Owing to these reasons, it is imperative for the company to replace the inferior and inefficient machine tools with better ones. Especially it is urgent at present when the improvement of machinery and the high efficiency of production are necessitated in prospect of the successive construction of foreign ships. Therefore, the applied machines are absolutely necessary for the company.

Moreover, in consideration of the trend of the Ship-Building circle, the company is exerting its efforts gradually to produce larger diesel engines, and is collecting the necessary machines with the purpose of having a capacity to produce three 7000HP-8000HP diesel engines in a year. As large sized