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

INV. NO.	NAME OF MACHINERY	BRIEF SPECIFICATION	Q'TITY	REMARKS
11-06(9)-194	Horiz.-Milling M/C	Tab. Trav. LxCxV=1,095x323x475mm Tab. Size LxW =1,600x360mm, 10 H.P.	1	Motor, Parts Missing
" 194	Pump-Hydraulic	Press. 200 Kg/cm^2, 3-cyl. Cyl. Dia. 27mm, Motor Driven, 10 H.P.	1	"
" 213	Lathe	S.O.B. 400mm, S.O.C. 260mm c/c 780mm, Bed L.2,080mm, 3 H.P.	1	"
" 224	"	- " -	1	"
" 233	"	- " -	1	"
" 350	"	S.O.B. 660mm, S.O.C. 450mm c/c 2,000mm, Bed L.4,000mm, 7.5 H.P.	1	"
" 356	"	S.O.B. 540mm, S.O.C. 220mm c/c 800mm, Bed L.2,100mm, 5 H.P.	1	"
11-06(9)-357	Lathe	- " -	1	"
" 358	"	- " -	1	"
" 359	"	- " -	1	"
" 360	"	- " -	1	"
" 364	"	S.O.B. 630mm, S.O.C. 420mm c/c 1,250mm, Bed L.4,100mm, 7.5 H.P.	1	"
" 376	"			

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

INV.NO.	NAME OF MACHINE	BRIEF SPECIFICATION	Q'TITY	REMARKS
11-06(9)-379	Lathe	S.O.B. 510mm, S.O.C. 210mm c/c 1,150mm, Bed L.2,500mm, 3 H.P.	1	Motor, Parts Missing
" 475	Boring M/C-Horiz.	Bar Dia. 100mm Base Plate Size 1,650x2,800mm, 7 H.P.	1	"
" 487	Lathe	S.O.B. 600mm, S.O.C. 360mm c/c 1,250mm, Bed L.3,100mm, 7.5 H.P.	1	"
" 488	"	- " -	1	"
" 511	Radial Drilling M/C	Drill Cap. 50mm, Spin/Bed 1,500mm Swing 2,660mm, Arm Trav. on Column, 810mm, 5 H.P.	1	"
" 589	Verti-Lathe	Work Tab. Dia. 700mm, Swing 960mm Tool Head Trav. VxH= 500x620mm, 5 H.P.	1	"
" 648	Sensitive Drilling M/C	Drill Dia. 500m, Swing 621mm Tab.Trav. 495mm, 3 H.P.	1	"
11-06(10)-45	Verti-Milling M/C	Tab. Trav. LxC=700x360mm Tab.Size LxW=1,200x410mm, 7.5 H.P.	1	"
11-06(11)-16	Turret Lathe	Chuck Cap. 40mm, S.O.B. 460mm S.O.C. 400mm, Bed L.1,790mm, 9 H.P.	1	Small parts missing
" 89	"	- " -	1	"
" 92	"	Chuck Cap. 70mm, S.O.B. 585mm. S.O.C. 520mm, Bed L.2,300mm, 12.5 H.P.	1	"

INV.NO.	NAME OF MACHINERY	BRIEF SPECIFICATION	Q'TITY	REMARKS
13406(11)-- 156	Surface Grinder	G.W.trav.230mm, G.W.Size DxT= 300x50mm, Tab. Dia 410mm, 7.5 H.P.	1	Motor, Parts missing
13408(9)- 2	Sand Preparing M/C	1-charge cap.400 kg. 2-roller Rolled Dia. 850mm, 15 H.P.	1	"
		Total	45	

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

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

CHUGOKU MARITIME BUREAU

CSNo. 88

February 17, 1950

LETTER OF RECOMMENDATION

Yutaki Heavy Works Joint Stock Co. Hiroshima Gion Industry has been established in February 1940. Since then ships Auxiliary machines are the main production and has been an important industry. And its turnout of production as nation-wide is rather good.

In 1949 has producted decks auxiliary machines for exportation vessels to Norway and Philippie Bound. On top of that has received order of auxiliary machines for No. 5 internal vessels embarkation. We are trying to manufacture a rationalized and superior products, but the companies manufacturing establishment is very short compared to that of tempering and casting capacity. Especially the special machines to manufacture ships machines is superannuated and the efficiency is low. So we are hampered with the parts of instruments of precision, and are ordering them outside. This is the present conditions so to manufacture excellent supply and to better the production capacity we have applied this. We recommend this as a suitable application.

Sanae Abe
Director,
Chugoku Maritime Bureau

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

HIROSHIMA INTERNATIONAL TRADE & INDUSTRY BUREAU

5 April 1950

Serial No.:25 Hiro Tsu San Ki 406

To: Finance Minister

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

Regarding the subject stated above, Hiroshima Gion Plant, Yutani Heavy Industries Ltd., has made an application for temporary use of a part of designated reparation facillities of former 11th Naval Aero-Nautical Arsenal.

We express our opinion here on this matter requesting your consideration in favour of its authorization.

Hiroshima Gion Plant stated above has been a plant devoted to the manufacture of various engineering machinery, essential for land development, disaster-prevention-works etc, each of which is of impending necessity in Japan at Present. They have a large number of orders on hand from Construction Ministry and other public corporations and an increase of orders is expected hereafter. The machine tool equipment at the plant, however, is old and poor in efficiency, causing production cost too high.

On the other hand, technical improvements have to be made on engineering machinery hereafter and rationalization of enterprises also demands excellent machine tools.

We affirm that machine tools which the plant has applied for temporary authorization are the most important from the standpoints mentioned above.

The coutesy of your authorization will be greatly appreciated.

.....Hara Yaku.....
for Y.HARA,
Director, Hiroshima International
Trade & Industry Bureau.

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

Report on Rescission of Authorized Use

Equipment

Date: Feb 22 1950

Plant Name: Former I Ita Naval Aear Arsenal

Location (Code No): 902.Okimi.Ogaki-machi.Saeki-gun. Hiroshima-Ken 11-6 (10)

User: Toyo Cotton Spinning Co.

Reason of Rescission: Shorten of production

Total number of Rescinded Equipment: 24

Name of Reporter (Signature): Signed _____

Manager of Nomi plant
Toyo Cotton Spinning Co

K. Nakamura

A.T. Sec. IA (19-11)

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

O AR 10

List of Rescinded Equipment

Inventory No	Name of Equipment	Remark
11-6 (10) - 39	Lathe	
" 97	Lathe	
" 99	Heating furnace	
" 108	Grinding machine	
" 110	Wood working band saw	
" 113	Lathe	
" 123	Lathe	
" 126	Lathe	
" 127	Lathe	
" 128	Lathe	
" 136	Grinding machine	
" 144	Core driing furnace	
" 145	"	
" 146	"	
" 154	Mechanical press	
" 164	Sand kneader	
" 166	Mould heating furnace	
" 167	"	
" 173	Melting furnace	
" 176	"	
" 177	"	
" 208	Lathe	
" 245	Gear shaper	
" 306	Lathe	

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

REPORT ON RESCISSION OF AUTHORIZED USE EQUIPMENT

Date : 22 Feb. 1950

Plant Name : Yokomichi Shokai Seisakusho

Location (Code No.) : 11 - 6(235)

User : Tadao Yokomichi

Reason of Rescission : No use for reduction of enterprise

Total No. of Rescinded Equipment: 5

Name of Reporter :
(Signature)

11-6() Sec. EA
Inventory sheet registered on

LIST OF RESCINDED EQUIPMENT

Inventory No.	Name of Equipment	Remarks
11-6(235)-1	Milling Machine	
" -3	Grinder	
" -4	Drilling Machine	
" -7	Cutting Machine	
" -8	Hand Press	

T. Yokomichi

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

Report on Rescission of Authorized Use Equipment

Date: 21 February 1950

Plant Name: Nakamoto Wood Working Co., Ltd.

Location(Code No.): Yayoi Shingai, Hiro-machi, Kure-city (11-6(35))

User: Tamezo Nakamoto

Reason of Rescission: None used for reduced undertaking

Total No. of Rescinded Equipment: 1

Name of Reporter: Tamezo Nakamoto

Tamejo Nakamoto

List of Rescinded Equipment

Inventory No.	Name of Equipment	Remarks
11-6(35)-9	3 Phase Induction Motor	75 HP.

{Now at Chugoku Kozai storage ~~Now in bldg B-17 - Concealed~~

11-6(35)-29

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

15 Feb. 50

MANUFACTURING AND INDUSTRY
FILE 11-6 (8)

Sec Def

AFFLICATION

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

Application for Authorized Use of the Reparation Equipment

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.

Date: 15 February 1950

1. Name of Plant (Code No.)

11th Naval Aeronautical Arsenal (11-06)

2. Location of Plant.

Hiro-machi, Kure-city, Hiroshima Prefecture.

3. Name of Products planned.

Auxiliary engines for marine use.

4. Experience of the production planned.

The company started in September 1936 with the capital of ¥ 5,000,000. It has been engaged in shipbuilding, mostly in Nagasaki Prefecture. Its capital was increased to ¥15,000,000 in June 1937, to ¥50,000,000 in August 1942, and to ¥200,000,000 in June 1949.

Its main shipyard in the Koyanagishima Shipyard. The Hiro Plant was opened at the site of the ex-11th Naval Aeronautical Arsenal with due permission after the end of the war.

It has been engaged in the maintenance of reparations machines and the manufacturing and repairing ofmarine auxiliary engines.

5. 1946---1949 production.

1946	Marine Auxiliary Engines	¥ 4,000,000
1947	"	" 12,930,000
1948	"	" 48,750,000
1949	"	" 97,640,000

6. Period of desired permission.

From the date of authorization to the date of release from reparation.

7. Scale of the production planned by month for period on this application.

8. a. Outline of our plan and improvement foreseen on our past achievment.

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

1) Outline of our plan.

The Plant has been engaged in the maintenance of reparations machines and in the manufacturing and repairing of marine auxiliary engines at one section of the site of the ex-11th Naval Aeronautical Arsenal with due permission obtained after the end of war. First the were forced to make machines of older types in compliance with general demands at that time.

As Japanese shipbuilding industry demands more and more auxiliary engines of higher efficiency, we are making efforts to meet these more up-to-date demands. As most of our workers are well experienced in the manufacturing of higher efficiency auxiliary engines, we are now known by shipbuilders as a first class maker of these machines, though it is very lately that we started the production. Espesially our auxiliary turbine rank in reputation with that of the Ishikawajima Shipyard or of the Hitachi Plant and our Circulating Pump with that of the Sharn Plant, all best makers of each item in Japan.

Further, our cost is comparatively lower and still our products are better in some points. Now we are among a limited number of the best makers of higher efficiency auxilisry engines and busy to meet a great number of orders.

2) Main items of planned production

1. Turbine driven Dunamo Engine
2. " Pumps
3. " Blower
4. Washington Pump
5. Weir Pump
6. Steam Engine driven Feed Pump and Blower
7. Steam Engine driven Dynamo Engine
8. Windlass
9. Winch
10. Refrigerated Machine

3) Improvement foreseen on our past achivements.

If our plan is approved, precision works requied for the manufacture of higher efficiency auxiliary engines will be done much easier and we shall be able to produce more and better machines.

b. Expected increase in production by the use of these machines.

An increase of ¥ 50,000,000 in the annual production of various marine auxiliary engines is expected.

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

8. Name and location to which products are to be delivered.

As all products are to be fitted to ships at shipyards, they are directry delivered to client-shipyards from the Miro Plant.

9. Scale of proposed change in physical facilities.

124 machines of which we apply for the use are listed as per attached.

The Japanese shipbuilding industry is building more and more ships be better quality and bigger size. Required auxiliary engines are to be better in quality and bigger in size. For instance, reciprocating engines are going off and turbine driven or motor driven auxiliary engines are now currently demanded. It means we need more machine tools. As the main efforts of our plant are placed on manufacturing turbine driven auxiliary engines ahich requires a great deal of mechanical work, we feel ourselves particularly short of necessary machines.

Official requirements make it necessary to that marine auxiliary engines as they are fitted to the ship.

This is another reason why we more machine tools.

If the use of these machines listed as per attached is authorized it will strengthen our technics and much contribute to meet eager demands for marine auxiliary engines on the part of every Japanese Shipyard. We think that without these machines our plant would be unnecessary for Japanese industry. It is earnestly requested that authorization be given after due examination of our case.

10. Intended expense for authorized use.

Total labor requirements for installations and others.

250 man/days

11. Plan and location to continue the production after reparation removal.

If these machines should be removed under reparation, we shall make our best to find replacements. But we feel it will be almost impossible to obtain proper replacements. Reparation removal would be a great obstacle to our production.

Signed Senji Iwamoto
Manager, Miro Plant, Kawasaki Kogyo K.K.

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

List of Facilities for Application

Code No. 11-06

Name of Plant 11th Naval Aeronautoeal Arsenal

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

1. Machinery

Inventory No.	Name of Machine	Brief Specification	Quantity
11-6(8)- 152	Horizontal Milling Machine	Table travel 730 x 500 x 340 mm	1
" 153	Shaper	" 560 x 350 mm	1
" 154	Horizontal Milling Machine	" 750 x 500 x 240 mm	1
" 155	"	" 900 x 430 x 310 mm	1
" 173	"	" 900 x 310 x 400 mm	1
" 174	"	" 900 x 310 x 430 mm	1
" 181	"	" 200 x 300 x 250 mm	1
" 184	"	" 510 x 250 mm	1
" 307	Sawing Machine-Hack Saw	Max. Work Dia. 150 mm	1
" 337	Motor-D.C.	Capacity 10 HP. 220 V.	1
" 360	" -Induction	" 12.5--96 KW.	1
" 438	Lathe-Engine	SOB. 1,350 mm Center Distance 7,500 mm	1
" 444	Horizontal Boring Machine	Bar Dia. 90 mm	1
" 451	Motor-Induction	Capacity 150 HP. 220 V.	1
" 647	Horizontal Milling Machine	Table travel 630 x 280 x 450 mm	1

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

11-8(8)- 661	Horizontal Milling Machine	Table travel 300 x 550 x 300 mm		1
" 777	Lathe-Engine	30H. 430 mm Center Distance	1,050 mm	1
" 781	"	" 370 mm		
" 803	"	"	850 mm	1
		" 440 mm		
" 858	Horizontal Boring Machine	"	1,200 mm	1
		Face Plat Dia. 750 mm		1
" 911	Vertical Milling Machine	Table travel 700 x 350 x 220 mm		1
" 938	Sand Cleaner	Blower Capacity 100 m^3/min		1
" 964	Lathe-Gap	30H. 500 mm Center Distance	1,620 mm	1
" 1012	Steam Hammer	Capacity 1/4 tons		1
" 1101	Lathe-Facing	30H. 1,600 mm		1
" 2720	Hoist	Capacity 2 tons		1
11-8(8)- 178	Feed Water Pump	Delivery Pressure 3 kg/cm^2 Volume 2000 m^3/H		1
" 184	Winch	Lifting Capacity 10 tons		1
" 246	Water Pump	Pressure 40 kg/cm^2		1
" 293	Condenser	Cooling Area 167 m^2		1

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

a. Name and code number of reparations installation :

Nakamoto Seizai-sho (11-6(35)) Sec. III 15 Feb 5?

b. Address of installation :

No. 1510, Yayoishingai, Hiromachi, Kure-City

c. Copy of conversion or reconversion permit :

None

d. List of items in actual production :

Building materials

e. Copy of application, giving date of submission, if an application for a new or change of present coversion or reconversion permit is pending approval from the Supreme Commander for the Allied Powers :

None

f. List, by code number and name, of reparations items in authorized use, giving date and issuing headquarters of letter of authorization :

Basic : Ltr. Hqs Hiroshima Mil Govt. Team APO 317. Subject : "Reparations Mashinery in Authorized Use " dtd 2 Aug. 47.
AG 004 (MG-Em) 1st Ind 6 Aug. 1947
Headquarters Eight Army, APO 343
TO : Supreme Commander of the Allied Powers, APO 500
(Attn : Rep Sect)
The inclosures to the basic communication list additional arsenal machinery located in Hiroshima-ken which has been authorized for use.

FOR THE COMMANDING GENERAL :

s/R. Schafer
T/R. Schafer
Lt. Col., AGD
Adst. Adjutant General

2 Incls :
1 copy each w/d

SUPPLEMENTAL LIST 11TH AERONAUTICAL ARSENAL

Inv. No.	Name of machine
11-6(35)	Motor

19-1

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

g. List, by code number and name, of reparations items in use without permission for authorized use :

None

h. List, by code number and name, of reparations items on application for authorized use permission, giving date of submission of application to the Supreme Commander for the Allied Powers :

None

~~Date : 31 Jan. 1950~~

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

a. Name and code number of reparations installation :

Yokomichi Shokai Seisakusho (11-6(235)) Sec. III

15 Feb 50

b. Address of installation :

Aga-machi, Kure-City

c. Copy of conversion or reconversion permit :

None

d. List of items in actual production :

manufacturing of tools

e. copy of application, giving date of submission, if an application for a new or change of present conversion or reconversion permit is pending approval from the Supreme Commander for the Allied Powers :

None

f. List, by code number and name, of reparations items in authorized use, giving date and issuing headquarters of letter of authorization :

Basic : Ltr. Hqs Hiroshima Mil gout Team, APO 317, subject ; "Reparations Machinery in Authorized use ", dtd. 2 Aug. 47.
AG 004 (MG-Em) 1st Ind 6 Aug. 1947
Headquarters Eight Army, APO 343
To : Supreme Commander of the Allied Powers, APO 500
(Attn : Rep Sect)

The inclosure to the basic communication liat additional arsenal machinery located in Hiroshima-ken which has been authorized for use ;

FOR THE COMMANDING GENERAL :

S/R. Schafer
T/R. Schafer
Lt. Co.l., AGD
Asst. Adjutant General

2 Invls :
1 Copy each w/d

SUPPLEMENTAL LIST 11TH AERONAUTICAL ARSENAL

Inv. No.	Name of machine
11-6(235)-1	Milling machine
-2	Slotter
-3	Gringing machine
-4	Drilling machine

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

Inv. No.	Name of machine
11-6(235)-5	Lathe
-6	Drilling machine
-7	Sawing machine
-8	Manual press
Total :	8

g. List, by code number and name, of reparations items in use without permission for authorized use :

None

h. List, by code number and name, of reparations items on application for authorized use permission, giving date of submission of application to the Supreme Commander for the Allied Powers :

None

Date : 31 Jan, 1950

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

15 Feb 50

USE OF REPARATIONS INSTALLATION

a. Name and Code number of reparations installation:

Name of plant: Tajikara Ind. Co. Ltd.

Code Number: (11-6(12)) Sec II

b. Assress of installation:

Nagahama, Hiro-machi, Kure City

c. Copy of conversion or reconversion permit:

None

d. Principal products:

Engine for fisher-boats

e. Copy of application, giving date of submission, if an application for a new or change of present conversion or reconversion permit is pending approval from the Supreme Commander for the Allied Powers:

None

f. List, by code number and name, of reparations items in authorized use, giving date and issuing headquarters of letter of authorization:

As indicated below

COPY: BASIC : Ltr. Hgs Hiroshima Mill Govt Team, APO 317, Subject, "Reparation Machinery in Authorized Use", dtd 2 Aug. 1947

AG 004(MG-Em) 1st Ind 6 Aug. 1947

Headquarters Eighth Army APO 343

To : Supreme Commander of the Allied Powers, APO 500 (Attn. Rep Sect)

The inclosures to the basic communication list additional arsenal machinery located in Hiroshima-Ken which has been authorized for use.

For the Commanding General

S/ R. Schafer
T/ R. SCHAFER
Lt. Col, AGD
Asst, Adjutant General

14-1

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

2 Incls;
1 Copy each to/d

Supplemental List 11th Aeronautical Arsenal

Inventory No.	Name of Machine	Inventory No.	Name of Machine
11-6(12)-106	Lathe	11-6(12)-109	Lathe
-110	"	-111	"
-112	"	-113	"
-114	"	-118	"
-119	"	-120	"
- 94	Milling machine	- 88	Milling machine
-160	"	-137	"
- 85	Shaper	- 86	shaper
- 80	Drilling machine	-159	Drilling machine
-170	"	- 90	Tool grinder
-131	Mechanical press	-166	Mechanical press
-122	Shearing machine	-163	Cupola
-165	Blower	- 89	Milling machine

Total : 26

g. List, by code number and name, of reparations items in use without permission for authorized use:

None

h. List, by code number and name, of reparations items on application for authorized use permission, giving date of submission of application to the Supreme Commander for the Allied Powers:

None

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

15 Feb 50

USE OF REPARATIONS INSTALLATION

a. Name and code number of reparations installation:

Shinwa paper Co., Ltd (Former Otake Pulp Inductrial Co)

Code No.: 11-6(8) & 11-6(9) See. II

b. Address of installation:

No. 10838, Hiro-machi, Kure City

c. A Copy of conversion or reconversion permit:

As indicated below in the copy of letter of

HIROSHIMA MILITARY GOVERNMENT TEAM D/JRF/by
APO 317 (Kure, Honshu)

3 August 1946

Serial No. 303

SUBJECT: Operation of Paper Mill.

THROUGH: Kure Liaison Office

TO : Otake Pulp Industrial Co.

1. In connection with your letter, KL No. 516, dated 22 July 1946, we are forwarding copy of cancellation of permit issued to the Hiro Paper Manufacturing Company.

2. The recommendations contained in your letter of July 22 are approved by this office and it is suggested that you submit regular application forms in the name of the Otake Pulp Industrial Company for permission to operate.

3. Action will then be taken to issue proper permit at that time.

KARL L. SPRINGER
Lt Col, Inf.
Commanding

1 Incl:
Mil Govt letr 1 Aug 46.

10-1

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

HIROSHIMA FINANCE OFFICE

KF No. 15

2 December 1946

To : Hiroshima Military Govebrnment Team

Through: Chugoku Liaison Office

Subject: Application for Operation of Paper Mill in former 11th. Navy Air Arsenal

We herewith apply to you for the permission of the above mentioned subject according to the following details.

1. Machinery and Equipment requested for Operation:

Complete paper machine(not inventoried)	one set
Complete printing machine(not inventoried)	one set
Building incl. dependent yard	three

2. Present location of facilities requested for operation:

Material Utilizing Shop 66 former 11th. Navy Air Arsenal
Nada, Hiro, Kure City

3. Responsible Custodian:

Hiroshi, Fujita, Representative of Otake Pulp Kogyosho & Co.

4. Remarks:

Concerning the operation of the machine belonging to the material Utilizing Shop of the former 11th. Navy Air Arsenal the company compensated all the expenditures disbursed by the Hiro Seishi Kogyosho & Co. in preparing for the operation, of which approval was cancelled later by the Hiroshima Military Government Team, and an satisfactory agreement was effected on 14th. September 1946 between the both companies. The Otake Pulp Kogyosho get the informal permission for the operation of the machines in the present location with the letter Serial No. 303 dated 3 August from the Hiroshima Military Government Team. The company repaired the machines and collected the neccesary materials for Paper manufactur'ng, The products will be supplied to the Occupation Forces and Japanese circles in the vicinity.

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

Chief of Kure Branch,
Hiroshima Financial Bureau

Attachment.
Sketch showing location of Hiro Shop of Otake Pulp Kogyosho & Co.

d. List of items in actual production:

Senka paper
Wrapping paper

e. A copy of application, giving date of submission, if an application for a new or change of present conversion or reconversion permit is pending approval from the Supreme Commander for the Allied Powers:

None

f. List, by code number and name, of reparations items in use without permission for authorized use:

As indicated below:

Copy

HEARQUARTERS
HIROSHIMA MILITARY GOVERNMENT TEAM
APO 317

Serial No: CI 4307

Kure, Honshu
22 July 1947

Subject: Lists of Reparations Machinery in Use

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

1. Submitted herewith, in compliance with telephone instructions of your headquarters, are lists of machinery in authorized use form the Kure Naval Arsenal, 11th Aeronautical Arsenal, and 2nd Tokyo Arsenal.

2. This list is compete for the Arsenals listed above, but does not include those in use by occupation Forces. Lists of Occupation Force machinery will follow immediately.

S/T.M. Cloward
T.M. CLOWARD
Lt. Col, AG
Commanding

10-3

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

Incls:
Incl 1. Kure Naval Arsenal 11-5(11 Lists)
Incl 2. 11th Aero Arsenal 11-6(8 Lists)
Incl 3. 2nd Tokyo Arsenal at Tadanoumi 11-4(1 list)

g. List, by code number and name, of reparations items in use without permission for authorized use:

Inventory No.	Name of Machine	Remarks
11-6(8)-2407	Paper machine Yankee type	TO
-2165	Motor-induction	"
11-6(9)-1050	Boiler	"
	Total : 3	

h. List, by code number and name, of reparations items on application for authorized use permission, giving date of submission of application to the Supreme Commander for the Allied Powers:

Application Date	Inventory No.	Name of Machine	Remarks
27 Dec. 1949	11-6(8)-2407	Paper machine Yankee type	TO
	-2165	Motor-induction	"
	11-6(9)-1050	Boiler	"
	Total : 3		

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

15 Feb 50

a. Name and code number of reparations installation:

11th Air Arsenal (Hiro Shop, Hiroshima Railway Workshop, Hiroshima Railway Division Office.)

SEC. II

11-6(9) Include 11-8(9)

b. Address of installation:

Hiro-machi Kure City Hiroshima prefecture

c. Copy of conversion or reconversion permit:

In attached sheet No. 1

d. List of items in actual production:

Repair of passenger cars

Repair of freight cars

Manufacture of locomotive parts

e. A copy of application, giving date of submission, if an application for a new or change of present conversion or reconversion permit is pending approval from the supreme Commander for the Allied Powers:

No matter to fall under

f. List, by code number and name, of reparations items in authorized use, giving date and issuing headquarters of letter of authorization:

Giving date: 22 July 1947

Issuing headquarters : Commanding general, Eighth Army

List of reparations item in authorized use :

In attached sheet No. 2

g. List, by code number and name, of reparations items in use without permission for authorized use:

In attached sheet No. 3

h. List, by code number and name, of reparations items on applicati for authorized use permission, giving date of submission of application to the Supreme Commander for the Allied Powers:

Ⓐ Date of submission of application : 4 Feb. 1950

List of reparations items on application :

Same the list of "g" items. 124

d

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

attached Sheet No. 1-1

HEADQUARTERS
HIROSHIMA MILITARY GOVERNMENT TEAM
APO 317

D/JRE/lm

Serial No. 1240

Kure Honshu
18 November 1946

Subject: Permit for Operation, 11th Aeronautical Arsenal

Through: Chugoku Central Liaison Office, Kure, Japan

To : Engineering Dept. Hiroshima Railway Bureau

1. Reference attached letter Hiroshima Military Government Team.

2. A temporary permit for oparation is being granted under the specific terms of this letter. No deviation from the provisions of par 3 may be made.

3. This permit in no way hinders the future removal of the machinery for Reparations.

s/ KARL L. SPRINGER
Lt. Col., Inf,
Commanding

1. Incl.
Ltr. Hiroshima Military Government Team, Serial No. 938

12-2

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

Attached sheet No. 1-2

HEADQUARTERS
HIROSHIMA MILITARY GOVERNMENT TEAM
APO 317, KURE, HONSHU

DATE 16 November 1948

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

To : Engineering Department, Hiroshima Railway Bureau
(Name and Address of firm)
Hiro-machi, Kure city
(Name and location of plant)

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

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

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

4. One month after date of commencement of operations, and at the end of each month thereafter until notified to the contrary by this Headquarters, a report will be made to this Headquarters. This report will be written in English and will list each item, by name, type, and quantity produced by the above identified factory. This report will be delivered to this Headquarters not later than fifteen (15) days after the conclusion of the period to which the report pertains.

s/ KARL L. SPRINGER
Lt. Col. Inf.
Commanding

Into. Copy to:
SCAP (ATTN ESS) (1)
CG Eighth Army (1)
Central Liaison Office (1)
(Imp. Jap. Gov.)

12-3

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

attached sheet No. 1-3

HEADQUARTERS
HIROSHIMA MILITARY GOVERNMENT TEAM
APO 317 KURE, HONSHU

DATE 16 November 1946

ANNEX NO. 1

Permission is granted to Hiro Branch, Hiroshima Railway Bureau
(Name and Address of Company)

to produce at the Hiro-machi, Kure city
(Name and location of Plant)

the following items listed below:

Repairs of Passenger Cars	55 no.
Repairs of Freight Cars	100 no.
Manufacture of Locomotive Parts.	
Casting and Forging	200 tons no.
General Repairs of Automobiles	260 each per year

12-4

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

attached sheet No. 1-4

- Copy -

HEADQUARTERS
HIROSHIMA MILITARY GOVERNMENT TEAM D/JRF/ltn

Serial No. 938

Kure, Honshu
18 Oct. 1946

Subject: Reconversion of former Military Installation

Through: Commanding Officer, Chugoku Military Gov't Region APO 317

To : Commanding General, Headquarters Eighth Army, APO 343

Reference: Operational Directive No. 34
Eighth Army 1946

1. Attached application for temporary utilization of part of the former 11th Aeronautical Arsenal located at Hiro - machi, Hiroshima Prefecture is forwarded for your consideration.

2. In accordance with paragraph 1c of the above cited directive, this Headquarters recommends approval for temporary use of this equipment.

3. The installation has been inspected by a representative of this Headquarters and no coversion of facilities is planned. The company is aware of the fact that the machinery is subject to removal at anytime and also understands that the work to be done at the installation must not become of such importance as to disrupt the local economy upon shut-down.

4. In view of the transportation situation any assistance rendered by this company, will be of great value to alleviating transportation difficulties.

For the Commanding Officer:

G.W. JAMES
Capt. AGD
Adjutant

1. Incl.
Ltr. Kure Liaison Office No. 932
Dtd 4 Oct. 1946 W/Incls.

12-5

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

attached sheet NO. 2-1

HEADQUARTERS
HIROSHIMA MILITARY GOVERNMENT TEAM
APO 317

Serial No: CI 4307

Kure, Honshu
22 July 1947

SUBJECT: Lists of Reparations Machinery in Use

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

1. Submitted herewith, in compliance with telephone instructions of your headquarters, are lists of machinery in authorized use from the Kure Naval Arsenal, 11th Aeronautical Arsenal, and 2nd Tokyo Arsenal.

2. This list is complete for the Arsenals listed above, but does not include those in use by occupation forces. Lists of occupation force machinery will follow immediately.

s/ T. M. Cloward
T. M. CLOWARD
Lt. Col, AC
Commanding

12-6

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

Attached Sheet No. 2-2

Reparations Machines in Use

Date: 21 July 1948
Code No: 11-6(9)
Name: Hiroshop, Hiroshima Mechanical Engineering Section
Hiroshima Railway Division Office
Assress: Hiro-machi, Kure City

Total number in use-157, Total number on hand-886
Authority: 18 Nov. 46, No. 1240 HMG
Products being made: Manufacture and repair of railway cars

Code No.	Description	Class	Code No.	Description	Class
133	Drilling machine	1	~~411~~	~~Wood sewing machine~~	~~2~~
136	Shaper	2	412	Special tool grinde	2
139	"	1	~~416~~	~~Wood turning lathe~~	~~2~~
148	Drilling machine	1	419	Coal sender	2
152	Milling machine	2	427	Lathe	1
168	Drilling machine	2	439	Lathe	2
200	Lathe	1	453	Tool grinder	2
241	"	1	460	Releaving lathe	2
255	Tool grinder	2	477	Lante	2
~~270~~	~~Wood planer~~	~~2~~	478	"	2
320	Drilling machine	2	479	"	2
352	Lathe	2	484	"	1
353	"	2	485	"	1
377	"	2	491	Drilling machine	1
410	Blue printing machine	2	505	Lathe	2
507	Lathe	1	537	"	1
508	"	1	538	"	2
509	"	1	539	"	1
524	Double hsg. planer	2	540	"	2
525	Lathe	1	541	"	2
526	"	2	542	Light duty lathe	2
527	"	2	543	Lathe	1
528	"	1	544	Light duty lathe	2
530	Tool grinder	2	547	Tool grinder	2
531	Lathe	1	552	Lathe	2
532	"	1	553	"	2
533	Tool grinder	2	555	"	2
534	Lathe	2	556	"	2
535	"	1	577	Boring lathe	1
536	"	2	581	Shaper	2
583	Milling machine	1	632	Lathe	2
585	"	2	634	Shaper	1
587	"	2	636	"	2
590	Light duty lathe	2	639	"	2
591	"	2	641	Milling machine	2

12-7

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

attached sheet No. 2-3

Code No.	Description	Class	Code No.	Description	Class
593	Light duty lathe	2	642	Milling machine	1
596	"	2	643	Turret lathe	2
608	Turret latne	2	644	"	2
620	Milling machine	2	645	Drilling machine	1
626	Lathe	2	646	"	1
627	"	2	650	Boring machine	2
628	"	2	652	Tool grinder	2
629	"	2	655	Lathe	2
630	"	2	656	Drilling machine	2
631	"	2	658	Gear hobber	1
659	Gear nobber	1	690	Motor	1
662	Gear shaper	1	693	"	2
663	Gear cutter & generator	1	694	"	1
664	Gear shaper	1	695	"	1
665	Special tool & cutter grinder	1	698	"	1
667	Turret lathe	1	~~700~~	"	~~1~~
668	"	1	701	"	1
674	"	1	702	"	1
675	"	1	713	"	1
680	Electric welder	1	715	"	3
682	Drilling machine	2	716	"	1
683	Tool grinder	2	717	"	1
684	Drilling machine	2	718	"	2
685	Punching machine	2	719	"	1
688	Motor	1	720	"	1
723	"	1	760	Reciprocating pump	2
728	Steam hammer	2	761	"	2
729	"	2	768	Hoist	1
730	Air hammer	2	769	Blast furnace	2
731	"	2	773	Coal sender	2
732	Steam hammer	2	775	Electric furnace	3
737	Metal heating furnace	2	776	DC generator	2
738	"	2	794	Transformer	1
739	Heat treating furnace	2	795	"	1
740	"	2	797	"	2
747	Electric welder	1	801	Sand preparing machine	1
748	"	1	802	"	1
755	Tool grinder	1	808	Overhead crane	1
756	Steam boiler	2	809	Transformer	2
757	"	2	810	Drying furnace	2

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

attached sheet No. 2-4

Code No.	Description	Class	Code No.	Description	Class
11-6(9)-811	Transformer	2	831	Transformer	1
832	"	1	834	"	2
835	"	2	843	Motor	1
844	Motor	2			

Remarks :

11-6(9)-279,411,416, Above three machines are released to Japanese Government as wood working machines by HMGT 386.3 dated 2 Feb. 1948.

11-6(9)-700, Motor sent to 1 Corp by P.D. Therefore have we have 153 AU. Machines at present.

ITEMS REMOVED UNDER PD 8 . 21 Jan. 1950

11-6(9)-570	11-6(9)-567
617	521
569	261
430	205

12-9

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

attached sheet No. 3-1

List of Code Number and Name of Reparation items, that uses without authorized permission

Code No. 11-6(9) include 11-8(9)

Name of plant. 11th Air Arsenal

Address of plant. Hiro-machi Kure City Hiroshima prefecture

1. Machinery

Inv. No.	Name of machinery	Brief specification	Quantity	Remarks
11-6(9)				
116	Mercury converter	D.C. 100-160V 10A A.C. 100V		
117	Shearing & punching machine	Cap. 22mm		
252	Tool grinder	Dia. of wheel 510mm		
298	Electric winch	Cap. 10ton		
301	Tool grinder	Dia. of wheel 510mm		
354	Engine lathe	Leng. of bed 2300mm Swing 430mm		
355	"	"		
399	Alternating motor	Cap. 10HP		
409	Coating machine	Cap. 309m/hr		
418	Water feed tank	Dia. 1980mm Leng. 12000mm		
420	Coal sender	Cap. 30-100kg/hr		
482	Engine lathe	Leng. of bed 2500mm Swing 510mm		
483	"	"		
502	"	"		
545	Hack sawing machine	Stroke of blade 265mm		
546	Internal cylindrical grinder	Dia. of wheel 100mm Swing 380mm		
551	Universal tool & cutter grinder	Between centers 620mm Travel of table 600mm		
579	Slotter	Stroke of ram 500mm		
584	Knee type horizontal milling machine	Travel of table 900x314x400mm		
598	Light duty lathe	Leng. of bed 1120mm Swing 270mm		
614	Surface grinder	Size of table 290x900mm		
653	External cylindrical grinder	Dia. of wheel 270mm Swing 210mm		
666	Special tool & cutter grinder	Between centers 430mm Swing 220mm		
692	Alternating motor	Cap. 40HP		
697	"	Cap. 7.5HP		

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

attached sheet No. 3-2

Inv. No.	Name of machinery	Brief specification	Quantity	Remarks
11-6(9)				
704	Alternating motor	Cap. 7.5HP		
712	"	"		
714	"	Cap. 10HP		
721	"	Cap. 5HP		
722	"	Cap. 7.5HP		
726	"	"		
727	"	"		
733	Steam hammer	Cap. 250kg		
734	"	"		
741	Metal heating furnace	Size of chamber 900x950x500mm		
742	"	"		
745	Jib crane	Cap. 1ton		
798	Overhead trolley crane	Cap. 20ton		
799	B lower	Cap. 25m³/min		
806	Jib crane	Cap. 3ton		
830	Overhead trolley crane	Cap. 45ton		
833	Transformer	Cap. 50KVA		
837	"	"		
838	"	"		
839	"	"		
840	"	"		
845	Alternating motor	Cap. 5HP		
856	Transformer	Cap. 15KVA		
857	"	"		
858	"	"		
859	"	Cap. 10KVA		
860	"	"		
865	Alternating motor	Cap. 2HP		
866	Direct current motor	Cap. 1.5HP		
867	Alternating motor	Cap. 2HP		
868	"	Cap. 1HP		
869	"	Cap. 3.5Hp		
870	Electric car	Cap. 1ton		
871	"	"		
880	Surface plate	Size 1320x1080x 120mm		
883	"	Size 2450x2430x 240mm		
1011	Switch board	Size of board 1600x500x2300mm		
1012	Surface plate	Size 2130x2050x 300mm		
1013	Gas generator	Cap. 0.072m³		
1015	Switch board	Size of board 3200x1400x200mm		
1016	Jib crane	Cap. 3ton		
1017	Crusible furnace	Quantity of furnace 2 Dia. of furnace 520mm		

12-11

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

Attached sheet No. 3-3

Inv. No.	Name of machinery	Brief specification	Quantity	Remarks
11-6(9)				
1018	Jib crane	Cap. 1ton		
1021	Core drying furnace	Size 1200x1000x1500mm		
1022	Switch board	Size of board 1600x740x2200mm		
1023	Jib crane	Cap. 1ton		
1025	Switch board	Size of board 2490x650x2190mm		
1026	Hand press	Cap. 0.045ton		
1029	Surface plate	Size 2010x1320x100mm		
1033	Jib crane	Cap. 1ton		
1035	Blower	Cap. 28.3m³/min		
1038	Gas generator	Cap. 0.072m³		
1039	"	Cap. 0.06m³		
1040	Surface plate	Size 1610x1180x260mm		
1044	"	Size 3000x1500x260mm		
1045	"	Size 2140x910x220mm		
1046	"	Size 2440x1220x300mm		
1049	Alternating motor	Cap. 20HP		
11-8(9)				
11	Hoist	Cap. 1ton		
19	Shaper	Stroke of ram 610mm		
24	"	"		
39	Hack sawing machine	Stroke of blade 265mm		
44	Tool grinder	Dia. of wheel 440mm		
45	Cleaning equipment	Dia. of dram 1080mm Leng of dram 1080mm		
49	Air compressor	Pressure 9.5kg/cm²		
50	Mechanical press	Breaking cap. 110x110mm Stroke of spindle 40mm		
66	Electric furnace	Cap. 5kw Heat temp. 900-1000C		
76	Cupola	Cap. 3ton/hr		
84	"	Cap. 5ton/hr		
Total			94	

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

15 Feb 50

a. Name and code number of reparations installation:

Kawaminami Kogyo K.K. Hiro Seisakusho (11-06 (8)) Sec. II

b. Address of installation:

14580, Suehiro, Hiro-machi, Kure-city, Hiroshima-prefecture

c. Copy of conversion or reconversion permit:

Attached Sheet No. 1

d. List of items in actual production:

Auxiliary marine engine for ship repair

e. Acopy of application, giving date of submission, if an application for a new or change of present conversion or reconversion permit is pending approval from the Supreme Commander for the Allied Powers:

None

f. List, by code number and name, of reparations items in authorized use, giving date and issuing headquarters of letter of authorization:

Attached Sheet No. 2

g. List, by code number and name, of reparations items in use without permission for authorized use:

Attached Sheet No. 3

h. List, by code number and name, of reparations items on application for authorized use permission, giving date of submission of application to the Supreme Commander for the Allied Powers:

Attached Sheet No. 4

7-1

1 FEB 50

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

Attached Sheet No. 1

Hiro Japan

31 December 1945

Subject: Reconversion of Industry

To ; Kawaminami Shipbuilding Co.

Permission to immediately operate a Ship Repair Co. in/at 11th Naval Yard is granted as an emergency measure, subject to final arrangements after the U.S. Army returns said building to the Home Ministry.

RALPH SELBY
MAJOR AGD

Manufacturing and Industry Section
Military Government Section
X Corps

7-2

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

Attached Sheet No. 2

HEADQUARTERS
HIROSHIMA MILITARY GOVERNMENT TEAM
APO 317

Serial No: CI 4307

Kure, Honshu
22 July 1947

SUBJECT: Lists of Reparations Machinery in Use

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

1. Submitted herewith, in compliance with telephone instructions of your headquarters, are lists of machinery in authorized use from the Kure Naval Arsenal, 11th Aeronautical Arsenal, and 2nd Tokyo Arsenal.

2. This list is complete for the Arsenals listed above, but does not include those in use by occupation forces. Lists of occupation force machinery will follow immediately.

s/ T. M. Cloward
T. M. CLOWARD
Lt. Col, AC
Commanding

Incls:

Incl 1. Kure Naval Arsenal 11-5(11 lists)
Incl 2. 11th Aero Arsenal 11-6(8 lists)
Incl 3. 2nd Tokyo Arsenal at Tadanoumi 11-4(1 list)

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

Reparations Machines in Use

Date: 21 July 1947
Code No.: 11-6(8)
Name: Kawaminami Industrial Co., Ltd. Hiro Manufacturing
Address: 14580, Suehiro, Hiro-machi, Kure-city

Code No.	Name of Machine
19	Drilling Machine
23	Mechanical Press
32	Bending Machine
37	Hydraulic Press
42	Shearing Machine
49	Gap Lathe
51	Lathe
54	"
59	Gap Lathe
63	"
65	Lathe
67	"
71	"
73	"
75	"
78	"
80	"
82	Drilling Machine
84	Radial Drilling Machine
88	Milling Machine
90	"
92	Turret Lathe
94	"
96	Gear Cutting Machine
98	Turret Lathe
100	"
102	Tool Grinding Machine
105	Vertical Lathe
107	Shaper
109	Tool Grinding Machine
112	Drilling Machine
430	Vertical Turret Lathe
433	Radial Drilling Machine
435	Gate Type Planer
448	Boring Machine
452	Grinding Machine
457	Lathe
467	Grinding Machine
480	Turret Lathe
482	"
484	"

Code No.	Name of Machine
22	Mechanical Press
31	Bending Machine
35	Shearing Machine
39	Tool Grinding Machine
48	Lathe
50	Gap Lathe
52	"
55	Lathe
61	Gap Lathe
64	Lathe
66	"
68	Gap Lathe
72	Lathe
74	"
76	"
79	"
81	Tool Grinding Machine
83	Drilling Machine
86	Milling Machine
89	Slotter
91	Turret Lathe
93	Threading Lathe
95	Sawing Machine
97	Turret Lathe
99	Drilling Machine
101	Turret Lathe
104	Vertical Lathe
106	Shaper
108	"
111	Gear Hobbing Machine
215	Bench Lathe
432	Radial Drilling Machine
434	"
437	Transformer
449	Jib Crane
455	Slotter
459	Gap Lathe
474	Grinding Machine
481	Turret Lathe
483	"
485	"

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

Code No.	Name of Machine	Code No.	Name of Machine
485	Turret Lathe	487	Turret Lathe
490	"	496	"
497	Lathe	502	Lathe
503	"	504	"
505	"	506	"
509	"	510	"
512	"	513	"
514	"	515	Gear Cutting Machine
516	Gear Cutting Machine	517	Shaper
518	Slotter	519	Drilling Machine
520	Drilling Machine	521	Lathe
523	Bench Lathe	524	"
525	Hydraulic Press	526	Drilling Machine
527	Drilling Machine	531	Mechanical Press
532	Hydraulic Press	537	Shearing Machine
539	Bending Machine	540	Bench Drilling Machine
541	Bench Drilling Machine	542	"
543	"	555	Bench Lathe
556	Treading Miller	558	Gear Hobbing Machine
559	Gear Cutting Machine	560	Tool Grinding Machine
561	Tool Grinding Machine	562	""
563	Grinding Machine	564	Grinding Machine
565	Tool Grinding Machine	566	Shaper
567	Slotter	568	Slotter
569	Drilling Machine	570	Lathe
575	Centerless Grinding Machine	576	Grinding Machine
577	Grinding Machine	578	"
579	"	580	Bench Milling Machine
583	Milling Machine	584	Milling Machine
585	"	586	"
587	"	588	"
606	"	607	Hydraulic Press
624	Drilling Machine	638	Lathe
643	Milling Machine	659	Transformer
678	Gear Cutting Machine	686	Milling Machine
687	Lathe	701	Gap Lathe
704	Gap Lathe	724	Transformer
728	Centerless Grinding Machine	752	Tool Grinding Machine
760	Cupola	761	Cupola
762	Dig Iron Crusher	771	Sand Mixer
799	Sand Mixer	808	Blower
809	Blower	813	Drying Furnace
822	Tool Grinding Machine	823	Sawing Machine
828	Sand Prepairing Machine	829	Sand Prepairing Machine
830	Melting Machine	835	Transformer
836	Transformer	1035	Welding Machine
1036	Welding Machine	1041	Air Hammer
1047	Transformer	1105	Welding Machine
1107	Welding Machine	1108	Blower
1135	Rotary Sand Mixer	1136	Rotary Sand Mixer

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

Code No.	Name of Machine
1137	Drying Furnace
1178	Lathe

Code No.	Name of Machine
1138	Drying Furnace
2412	Air Compressor

Total : 186

HEADQUARTERS
HIROSHIMA MILITARY GOVERNMENT TEAM
APO 317

D/JEF/mn
18 August 1948

File No: HMGT 386.3

SUBJECT: Machinery in Authorized Use in Laboratories, 11-8 and 11-9

THROUGH: Director
Chugoku Liaison and Coordination Office
Kure, Japan

TO L Kure Branch
Hiroshima Finance Bureau

1. Confirming the inspection and marking of machinery in Military Laboratories completes in February 1948 the following list of authorized use machinery is forwarded for your information:

Code No. 11-8(8)-	Name of Machine
10	Gas Separator
12	Oxygen Compressor
24	Jib Crane
28	Water Pump
31	Transformer
33	"
99	Tool Grinding Machine
102	Electric Welder
104	Coal Furnace
106	Tool Grinding Machine
108	Blower
194	Shearing Machine
196	Overhead Traveling Crane
212	Boring Machine
215	Lathe
218	Shaper
220	Overhead Traveling Crane
290	Drilling Machine

Code No. 11-8(8)-	Name of Machine
11	Gas Separator
13	Oxygen Compressor
27	Tool Grinding Machine
30	Air Compressor
32	Transformer
51	Drilling Machine
101	Bench Drilling Machine
103	Coal Furnace
105	Air Hammer
107	Blower
153	Blue Printing Machine
195	Blower
210	Surface Boring Machine
214	Gate Type Planer
216	Lathe
219	Overhead Traveling Crane
222	"

Total : 35
GRAND TOTAL : 221

7-6

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

Attached Sheet No. 3

Code No.		Name of Machine
11-6(8)-	40	Drilling Machine
"	136	Shearing Machine
"	183	Drilling Machine
"	342	Motor
"	450	"
"	475	Lathe
"	492	"
"	499	"
"	507	"
"	522	"
"	582	Milling Machine
"	609	"
"	660	Slotter
"	674	Grinding Machine
"	733	Drilling Machine
"	763	Lathe
"	792	Milling Machine
"	816	Balance
"	876	Milling Machine
"	880	"
"	901	Air Compressor
"	939	Lathe
"	976	Milling Machine
"	1022	Grinding Machine
"	1028	Heating Furnace
"	1145	Motor
"	1164	Lapping Machine
"	2418	Transformer
"	2430	Hand Press
"	2434	Motor
"	2436	"
"	2438	"
"	2440	"
"	2444	"
"	2448	"
"	2454	"
"	2552	Tug Boat
"	2554	Surface Plat
"	2556	"
"	2558	"
11-8(8)-	123	Pump
"	126	Heater
"	132	Boiler
"	183	Cooler
"	225	Vaccum Ejector

Code No.		Name of Machine
11-6(8)-	77	Lathe
"	163	Shaper
"	338	Motor
"	344	"
"	351	"
"	491	Turret Lathe
"	498	Lathe
"	501	"
"	508	"
"	535	"
"	601	Milling Machine
"	657	"
"	671	Grinding Machine
"	732	Drilling Machine
"	754	Electric Welder
"	790	Lathe
"	811	Furnace
"	861	Sawing Machine
"	878	Milling Machine
"	900	Compressor
"	918	Milling Machine
"	965	"
"	1019	Grinding Machine
"	1023	"
"	1037	Furnace
"	1163	Motor
"	1190	Lathe
"	2429	Hand Press
"	2431	"
"	2435	Motor
"	2437	"
"	2439	"
"	2442	"
"	2446	"
"	2449	"
"	2455	"
"	2553	Surface Plat
"	2555	"
"	2557	"
"	2559	"
11-8(8)-	124	Pump
"	127	"
"	203	Gear Tester
"	211	Boring Machine

The above mentioned 89 machineries approved T.O.

7-7

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

Attached Sheet No. 4
Application of Date 1 February 1950

Code No.		Name of Machine
11-6(8)-	40	Drilling Machine
"	136	Shearing Machine
"	183	Drilling Machine
"	342	Motor
"	450	"
"	475	Lathe
"	492	"
"	499	"
"	507	"
"	522	"
"	582	Milling Machine
"	609	"
"	660	Slotter
"	674	Grinding Machine
"	733	Drilling Machine
"	763	Lathe
"	792	Milling Machine
"	816	Balance
"	876	Milling Machine
"	880	"
"	901	Air Compressor
"	939	Lathe
"	976	Milling Machine
"	1022	Grinding Machine
"	1028	Heating Machine
"	1145	Motor
"	1164	Lapping Machine
"	2418	Transformer
"	2430	Hand Press
"	2434	Motor
"	2436	"
"	2438	"
"	2440	"
"	2444	"
"	2448	"
"	2454	"
"	2552	Tug Boat
"	2554	Surface Plat
"	2556	"
"	2558	"
11-8(8)-	123	Pump
"	126	Heater
"	132	Boiler
"	183	Cooler
"	225	Vaccum Ejector

Code No.		Name of Machine
11-6(8)-	77	Lathe
"	163	Shaper
"	338	Motor
"	344	"
"	351	"
"	491	Turret Lathe
"	498	Lathe
"	501	"
"	508	"
"	535	"
"	601	Milling Machine
"	657	"
"	671	Grinding Machine
"	732	Drilling Machine
"	754	Electric Welder
"	790	Lathe
"	811	Furnace
"	861	Sawing Machine
"	878	Milling Machine
"	900	Compressor
"	918	Milling Machine
"	965	"
"	1019	Grinding Machine
"	1023	"
"	1037	Furnace
"	1163	Motor
"	1190	Lathe
"	2429	Hand Press
"	2431	"
"	2435	Motor
"	2437	"
"	2439	"
"	2442	"
"	2446	"
"	2449	"
"	2455	"
"	2553	Surface Plat
"	2555	"
"	2557	"
"	2559	"
11-8(8)-	124	Pump
"	127	"
"	203	Gear Tester
"	211	Boring Machine

The above mentioned 80 machines approved T.O.

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

Code No.	Name of Machine	Code No.	Name of Machine
11-8(8)- 10	Gas Separator	11-8(8)- 11	Gas Separator
" 12	Oxygen Compressor	" 13	Oxygen Compressor
" 24	Jib Crane	" 27	Tool Grinding Machine
" 28	Water Pump	" 30	Air Compressor
" 31	Transformer	" 32	Transformer
" 33	"	" 51	Drilling Machine
" 99	Tool Grinding Machine	" 101	"
" 102	Electric Welder	" 103	Coal Furnace
" 104	Coal Furnace	" 105	Air Hammer
" 106	Tool Grinding Machine	" 107	Blower
" 108	Blower	" 153	Blue Printing Machine
" 194	Shearing Machine	" 195	Blower
" 196	Overhead Traveling Crane	" 210	Surface Boring Machine
" 212	Horizontal Boring Machine	" 214	Gate Type Planer
" 215	Lathe	" 216	Lathe
" 218	Shaper	" 219	Overhead Traveling Crane
" 220	Overhead Traveling Crane	" 222	"
" 290	Drilling Machine		

TOTAL 124

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

15 Feb 50

a. Name and code number of reparations installation:

Nishiokawa warehouse (Hirakihei K.K.) (11-6(8), 11-6(11)) See. II

b. Address of installation:

Yayoishingai, Hiro-Machi, Kure city.

c. Copy of conversion or reconversion permit:

None

d. List of items in actual production.:

Equipments for shipbuilding.
Implements for pneumatic tools.
Automatic painter for electrode.
Other general works.

e. A copy of application, giving date of submission, if an application for a new or change of present conversion or reconversion permit is pending approval from the Supreme Commander for the Allied Powers:

None.

f. List, by code number and name, of reparations items in authorised use, giving date and issuing headquarters of letter of authorization:

None

g. List, by code number and name, of reparations items in use without permission for authorized use:

Code No.	Name of Machine
11-6(11) — 45	Vertical Milling Machine
" — 62	Slotter
" — 85	Turret Lathe
11-6(8) —2193	Universal Tool and Cutter Grinder
" —2231	Shaper
" —2257	Engine Lathe
" —2288	Horizontal Milling Machine

Total : 7

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

h. List, by code number and name, of reparations items on application for authorized use permission, giving date of submission of application to the Supreme Commander for the Allied Powers:

1. Date of submission of application:

An application is sent to the Supreme Commander for the Allied Powers through Hiroshima Finance Bureau Kure Branch office on the date of 31, January, 1950.

2. List, by code number and name:

Code No.	Name of Machine
11-6(11) — 45	Vertical Milling Machine
" — 62	Slotter
" — 85	Turret Lathe
11-6(8) —2193	Universal Tool and Cuttey Grinder
" —2231	Shaper
" —2257	Engine Lathe
" —2288	Horizontal Milling Machine

Total : 7

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

15/F85 5°
31 J

USE OF REPARATIONS INSTALLATION

a. Name and code number of reparations installation:

Nomi Branch shop of former 11th Navy Aearo Arsenal
(TOYO COTTON SPINNING CO.) (11 - 6 (10).. SEC II

b. Address of installation:

No. 902 Okimi, Ogaki-machi, Saeki-gun, Hiroshima-ken.

c. Copy of conversion or reconversion permit:

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

File: _____ 22 May 1946

SUBJECT:

TO : Nomi Mill of Toyo Cotton Mills Co., Ltd.
(Name and Address of Firm)

902 Okimi Ogaki-machi Saeki-Gun.

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

Toyo Cotton Mills Co., Ltd.
is permitted to immediately start production of
(Name of Items)

Spinning Machines

b. Maximum/monthly production currently authorized is

Spinning Machines - 100

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

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

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

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

FOR THE COMMANDING OFFICER:

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

JOHN D. MONTGOMERY
1st Lt., IC
Adjutant

Incl. #2

d. List of actual production:

Cotton spinning machine parts.

e. A copy of application, giving date of submission, if an application for a new or change of present conversion or reconversion permit is pending approval from the Supreme Commander for the Allied Powers:

None.

f. List, by code number and name, of reparation items in authorized use, giving date and issuing headquarters of letter of authorization:

HEADQUARTERS
HIROSHIMA MILITARY GOVERNMENT TEAM
APO 317

Serian No: GI 4307

Kure, Honshu
22 July 1947

SUBJECT: Lists of Reparations Machinery in Use

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

1. Submitted herewith, in compliance with telephone instructions of your headquarters, are lists of machinery in authorized use from the Kure Naval Arsenal, 11th Aeronautical Arsenal, and 2nd Tokyo Arsenal.

13-2

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

2. This list is complete for the Aresenals listed above, but does not include those in use by occupation forces. Lists of occupation force machinery will follow immediatoly

s/ F. m. Cloward
F. m. CLOWARD
Lt. Col, AC
Commanding

Incls:

Incl 1. Kure Naval Arsenal 11-5 (11 lists)
Incl 2. 11th Aero Arsenal 11-6 (8 lists)
Incl 3. 2nd Tokyo Arsenal at Tadanoumi 11-4 (1 list)

Date : 21 July 1947
Code No : 11-6 (10)
Name : Toyo Cotton Spinning Co.
Address : No. 902, Okimi Ogaki-machi, Saeki-gun

Total number in use 01, Total no. on hand 325
Authority : 22 May 46, HMG
Products being made : Cotton Spinning machine parts

No. 1

Code No.	Description	Class	Code No.	Description	Class
39	Lathe	2	127	Lathe	2
97	"	2	128	"	2
111	"	2	189	"	2
112	"	2	208	"	2
113	"	2	330	"	2
114	"	2	98	Drilling mach.	3
118	"	2	133	"	1
119	"	2	139	"	2
120	"	2	30	Milling machine	1
121	"	2	115	"	2
122	"	2	116	"	2
123	"	2	117	"	2
124	"	2	134	"	2
125	"	2	108	Grinding machine	2
126	"	2	130	"	1
137	Grinding machine	1			1
199	Gear shaper	1			
245	"	2			
265	" hobber	1			

No. 2

			176	Melting furnace	2
			177	"	2
			166	Mould heating furnace	2
			167	"	2

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

Code No.	Description	Class	Code No.	Description	Class
259	Shaper	2	144	Core drying furnace	2
153	Mechanical press	1	145	"	2
154	"	1	146	"	2
1	Wood working lathe	1	99	Heating furnace	2
110	Wood working band saw	2	179	Transformer	1
135	"	1	180	"	1
164	Sand knerder	2	182	"	1
141	Sand crucher	2	147	"	1
172	Melting furnace	2	148	"	2
173	"	2	149	"	
150	Transformer	2	136	Wood working band saw	1
			181	Transformer	1

g. List, by code number and name, of reparation items in use without permission for authorized use:

Inv. No.	Name	Remarks
11-6 (10)-51	Upright drilling machine	T. O.
" 52	" " "	"
" 59	External grinding machine	"
" 156	Boiler	"
" 157	"	"
" 333	Horizontal milling machine	"
" 338	Pole transformer 15 K.V.A.	"
" 339	" 10 K.V.A.	"
" 340	" "	"
" 341	" "	"
" 342	" "	"
" 343	" "	"
" 344	" 7.5 K.V.A.	"
" 345	" "	"
" 353	Stone surface plate	"
" 354	" " "	"
" 355	" " "	"
" 356	Iron surface plate	"
" 358	Potential transformer	"
" 359	" "	"
" 360	Current transformer	"
" 361	" "	"
" 362	Oil circuit breaker	"
" 363	Detector	"
" 364	Switch gear	"
" 366	Voltage regulator	"
" 367	Oil circuit breaker	"
" 368	" " "	"
" 369	Switch box	"

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

Inv. No.	Name	Remarks
II-6 (10)-370	Switch box	T. O.
" 371	"	"
" 373	Switch gear	"
" 374	" "	"
" 421	Miscellaneous equipment in the subotation	"
" 422	" "	"
" 424	Worthington pump	"
" 425	" "	"

h. List, by code number and name, of reparation items on application for authorized use permission, giving date of submission of application to the Supreme Commander for the Allied Powers:

Application for Authorized Use of the Reparation Equipment.

Date : 31 January 1950

List

Inv. No.	Name of Machines	
		(The Same with para "g" above)

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

CHUGOKU LIAISON AND COORDINATION OFFICE

CHL No. 42

11 February 1950

SUBJECT: Application for Movement of Reparations Machines - Hiroshima Isuzu Automobile K.K.

TO : Chief,
Chugoku Civil Affairs Region.

Attached herewith is submitted application KFL No. O-19, subject as above, forwarded by the Chief of Kure Reparations Branch, Hiroshima Finance Office.

It is cordially requested that your high consideration be given to this matter.

11-6(13) Sec II

Kure Branch
H.T.B advised to apply through Japanese channels. RSS

Osamu Itagaki

O. Itagaki,
Director,
Chugoku Liaison and Coordination Office.

Inclosure: as indicated above.

SM/ts.

ECON 697

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

HIROSHIMA FINANCE BUREAU

SYM/ht

KFL NO. O-19

11 Febrauary 1950

To : Chugoku Civil Affairs Region
Attn. Economic Section

Through : Chugoku Liaison and Coordination Office

Subject : Application for Movement of Reparations Machines-
Hiroshima Isuzu Automobile K.K.

1. Reference is made to letter KFL No. O-6 of Kure Branch, Hiroshima Finance Office dated January 1950, subject "Report on changed Name of Company holding Reparations Machines".

2. The Hiroshima Isuzu Automobile K.K. has its main works at No. 243 of Wari No.4, Nishi-Kaniya-cho, Hiroshima City and expanded the operation there. Under the present social circumstances the company proposes to move all the equipment and employees to Hiroshima Main Works in oder to raise the productive capacity.

3. It is respectfully requested that approval be given by your Headquarters for the movement of the reparations machines from Hiro Branch Works to Hiroshima Main Works as indicated in the enclosed list.

4. The responsibility of the removal operation and future custody of the machines will be assumed by Raiichi Tanabe, President of the company.

5. By the way the company itself is not designated for the reparations except those machines listed in the enclosure.

K. Yamashita

KATSUTOSHI YAMASHITA
Chief of Kure Reparations Branch,
Hiroshima Finance Office

Enclosure :
As indicated in para 3 above.

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

HIROSHIMA FINANCE BUREAU

LIST OF REPARATIONS MACHINES APPLIED FOR MOVEMENT
(Hiroshima Isuzu Automobile K.K.)

Inventory No.	Name of Machine	Remarks
11-6(13)- 13	Engine lathe	A.U. as of 30 June 1948
- 28	Bench milling machine	"
- 34	Square shearing machine	"
- 51	Electric drying furnace	"
- 73	Engine lathe	"
- 78	Bench drilling machine	"
- 91	Engine lathe	T.O. as of 15 Feb. 1948
- 92	"	"
- 93	" (Bench)	"
- 94	Milling machine	"
- 95	Drilling machine	"
- 96	" (Bench)	"
- 97	Shaper	"
- 98	Grinder	"
- 99	"	"
-100	"	"
-101	Metal saw	"
-104	Shearing machine	"
-108	Exhaust blower	"
-110	Welder, electric	"

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

HIROSHIMA FINANCE BUREAU

Inventory No.	Name of Machine	Remarks
11-6(13)-120	Motor	T.O. as of 15 Feb. 1948.
-121	"	"
-125	"	"
-126	Surface plate	"
-127	"	"
-128	"	"
-129	"	"
-130	"	"
-131	"	"
-132	"	"

Total : 30 machines

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

Application for Authorized Use and or Move of the Repration Equipment (T.O.Approved already)

To : Minister of Finance

From : Itsuya, Onda, Chief of Higashino-mura 2426-1 Higashino-Mura, Toyota-gun, Hiroshima-ken

Date : 4 Feb. 1950

1. Name of Plant (Code No.) : 11-6(255) sec. II 11th Aironautical arsenal

2. Location of Plant: Hiroshimachi, Kure-city

3. Name of Products planned: Using as a pontoon of pier

4. Experience of the production planned :

after repaired on 6 Oct. 1947, and brought to present location, Operated from Jan 1948 as a landing pontoon.

5. 1939-1949 Production: Landing cargoes 60tons in a year of 1949 passengers 38,000 in a year of 1949

6. Peried of desired permission:

From the date of permission granted to the date of Repration released

7. Scale of the production planned by munth for period on this application :

Cergoes about 15tons) Per a munth
Passengers about 3000 tons)

8. Name and focation to which products are to be delivered:

Passengers and corgoes goes and comes from Onomichi, Tokehara Imaharu etc.

9. Scale of proposed change in physical facilities :

No planning for the changing of equipment, about repsird or transferring etc.

10. Intended expence for authorized use:

The charge to the passengers as pier dues amounting about Y 36,000 it will cover all expenses of it

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

11. Plan and location to continue the production after reparation removal:

It is earnestly requested of the permittance of use since It would cause a great inconvenience and danger for the Passengers numbering about 40.000 a yenr with out any permisions at Mebarn a particular port if the iquipment were Taken off

Signature Itsuya Onda
Itsuya Onda

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

List of Facilities for Application

Code No.: 11-6(255)

Name of plant : 11th Aironorical arsenal

Address of plant : Hiro-machi, Kure-shi

1. Machinery

Inv. No.	Name of Machinery	Brief Specifications	Quantity	Remarks
11-6(255) -1	Pontoon	W 6m X L 1.5m X D 1.3m Wooden Construction	1	

Total : 41.3 tons

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

A POST-SCRIPT.

TO; Minister of Finance, Hayato Ikeda
FROM; Seiichi Watanabe;
Head man of Takehara Agency of the Public Works Bureau Hirosima Pref.
DATE; Feb. 2. 1950

It is post-scripted admitting that the equipment described in the written application is absolutely necessary to Higasino Village and should be properly lent for the provision at Mebaru, a particular port in order to arrange the complete establishment there.

Singed Seiichi Watanabe
(posilion).

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

Use of Reparation Installation

a. Name and code No. of reparations installation:

Hiroshima Isuzu Jidosha Co. LTD.
Sec. II 11-6(13) (Former Name -- Suehiro Automobile Industrial Co.LTD.)

b. Address of ø installation:

Hiro-machi Kure City, Hiroshima Profecture.

c. Copy of conversion or reconversion permit:

Not under subject.

d. List of items in actual production:

Repeiring Automobiles.
Built Automobiles body.
Auto. Parts manufacture.
Agricutural Equipment manufacture.

e. A copy of application, giving date of Submission, if an application for a new or change of present conversion or reconversion permit is pending approval from the Supreme Commander for the Allied Power:

Not under subject.

f. List by code number and name, of reparation items in authorized use, giving date and issuing headquaters of letter of authorization:

BASIC: Ltr, Hqs Hiroshima Mil Govt TeamAPO 317 suvject;
" Reparation Machinery in Authorized Use"
dtd 2 Aug 47
AC 004 (MG. Em) 1st Ind 6 Aug 1947
Headquarters Eighth Army, APO ØØØ 343

To: Supreme Commander of the Allied Powers, APO ØX) 500
(At tn; Sect)
The inclosures to the basic communication list additional arsonal machinery located in Hiroshima-ken which has beam authorized for use.

FOR THE COMMAN DING GENERAL:

a/ R.Schafer
T/ R.SCHAFER
X Lt. col.,AGD
Asst.Adjutant General

2 Incls
1 copy each W/d

15-1

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

SUPPLEMENTAL LIST 11TH AERONAUTICAL ARSENAL

11-6(13)	13	Lathe
	28	Milling machine
	34	Shearing machine
	51	Electric Drying Furnace
	73	Lathe
	78	Drilling machine
	TOTAL--------	6

g. List, by code number and name of reparations items in use without permission for authorized use:

(Orally permission by HMGT 15 - Feb. - 1948)

Code No.	Name
11-6(13)- 91	Engine Lathe
92	" "
93	Bench Lathe
94	milling Machine
96	Drilling Machine
95	" "
97	Shaper
98	Grinding Machine
100	" "
99	" "
101	Metal Sawing Machine
104	Square Shear
108	Exhaust Blower
110	Electric Welding Machine
120	Moter (2HP)
121	" (3HP)
125	" (2HP)
126	Surface plate
127	" "
128	" "
129	" "
130	" "
131	" "
132	" "

Total; 24

h. List, by code number and name of reparation items on application for authorized use permission giving date of submission of application to the SupremeCommander for the Allied Pow ers:

Date-------- 4 - Feb. - 1950
Code Number & Name---- As above paragraph g.

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

Sht No. 1

APPLICATION FOR AUTHORIZED USE
OF TH E REPARATION EQUIPMENT.
(T.O. Approved Already)

TO: MINISTER OF FINANCE
FROM: Hiroshima Isuzu Jidosha Co.,
Date: 4th Feb 1950

1. Name of Former Military Plant & Code Number:
11th Naval Air Arsenal, 11-6(18) Sec. II

2. Location of Plant: Hiro-Nishi, Kure City, Hiroshima Prefecture.

3. Name of Products Planned: Repairing Automobiles,
Built Automobile Body,
Auto Parts Manufacture,
Agricultural Equipment Manufacture.

4. Experience of the Productio n Planned:
Engaged on the above works since 1st Nov. 1946.

5. 1939 - 1949 Production:

1939 - 1945	0.
1946	¥ 500,000.
1947	¥ 7,000,000.
1948	¥ 9,000,000.
1949	¥10,000,000.

6. Period of Desired Permission: From the date of Permission is Granted
To the time of Reparation are Cancelled
(or Removed)

7. Scale of the Production Pla nned by Month for Period on this Application:

Month,	Auto Repair,	Auto Body Build,	Agricultural Implement,	Miscell-aneous,	Total,
1	¥ 540,000.	¥ 310,000.	¥ 170,000.	¥ 180,000.	¥ 1,100,000.
2	530,000.	220,000.	180,000.	170,000.	1,100,000.
3	580,000.	240,000.	300,000.	80,000.	1,200,000.
4	570,000.	250,000.	300,000.	120,000.	1,240,000.
5	680,000.	240,000.	300,000.	20,000.	1,240,000.
6	620,000.	230,000.	180,000.	160,000.	1,190,000.
7	520,000.	210,000.	180,000.	190,000.	1,100,000.
8	520,000.	220,000.	180,000.	160,000.	1,100,000.
9	600,000.	250,000.	300,000.	50,000.	1,200,000.
10	670,000.	250,000.	300,000.	20,000.	1,240,000.
11	660,000.	260,000.	250,000.	30,000.	1,200,000.
12	610,000.	300,000.	180,000.	110,000.	1,200,000.
Total	1,800,000.	2,980,000.	2,870,000.	1,200,000.	14,150,000.

8. Name and Location to which Products are to be Delivered:
Governmental Offices, Civilian Business Organization, & Association, And Farmers of the near by Prefectures.

9. Scale of Proposed Change in Physical Facilities:

Application Limit:
Code No: 11-6(18)
Name of Plant: 11th Naval Air Arsenal,
Location: Hiro-Nishi, Kure City, Hiroshima Pr.

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

1. Machinery:

Inventory No.	Name of Machinery.	Brief Specification.	Quantity.	Remarks.
91.	Engine Lath	S.O.B. 460mm Dist. 1270 mm	1	Class 1.
92.	" "	S.O.B. 300 mm Dist. 850 mm	1	" "
93.	Bench Lathe	S.O.B. 450 mm Dist. 300 mm	1	" 2
94.	Milling Machine	Length X Cross X Vert. 700 X 250 X 455 mm	1	" 1
96.	Drilling Machine(Bench)	Depth X Dia. 100 X 30 mm	1	" 2
93.	Drilling Machine	Depth X Dia. 250 X 45 mm	1	" 2
97.	Shaper	Stroke 438 mm L x W 320 X 350 mm	1	" 1
98.	Griding Machine	1 HP	1	" 2
99.	"	3 HP	1	" 1
100.	"	1 HP	1	" 2
101.	Metal Sawing Machine	L X W 150 x 150 mm	1	" 1
104.	Square Shear (Hand Type)	L X Thick 210 X 2 mm	1	" 2
108.	Exhaust blower	Delivery valume 640ft 3/Min. Blade Dia. 380 mm	1	" 1
110.	Electric welding machine	10 kw 220 V	1	" 1
120.	Motor (3 HP)	A.C. 220V 1755 R.P.M.	1	" 1
121.	Motor (5 HP)	A.C. 200-220V 1420-1715 R.P.M.	1	" 1
125.	Motor (2 HP)	A.C. 220V 1700 R.P.M.	1	" 1
126.	Surface plate	L x W x Thick 2000x1000x300 mm	1	" 1
127.	" "	L x W x Thick 450x300x60 mm	1	" 1
128.	" "	L x W x Thick 510x390x100 mm	1	" 1
129.	" "	L x W x Thick 745x500x100 mm	1	" 1
130.	" "	L x W x Thick 370x420x75 mm	1	" 1
131.	" "	L x W x Thick 450x300x55 mm	1	" 1
132.	" "	L x W x Thick 2000x1500x1250 mm	1	" 1

NOTES: S.O.B.--Swing over Bed, Dist.--Center to Center Distance.

2. Building: Nil.
3. Land: Nil. (Not under Reparation)
Nil. (Not under Reparation)

4 &. Our plant are engaged on re-build & Painting works of various kind of Vehicles and became very important plant as we are Authorized by the Prefectural Transportation Department as 30,000 Km-Period Re-conditioning plant and also Rad class major Repair Plant for the Vehicles, And we are also manufaturing the Agricultural implements & Uzumaki Water pump for the illigation of the farm which are very important to promote

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

the farm industries am d so we are specialy Authorized as such plant by the Prefectural Gov ernment,

The above listed ma chines which we proposed to be Authorized use has been used st our p lant since begining of our industries and it continued up to now , And it is very difficult to substitute the similar kind of machin es at present time, Therefor we beg to you to be Authorized to us e these machines as heretofore.

10. Intended expense for Authorized use:
It is not necessary any more budjet as we are going to use as they are.

11. Plan and Location to contiaus the Production after Reparation Removal:
We will continus the Production at same palce in small scale as our Plant and Build ing are not under the Reparation.

T. Kiura

Manager,
Hiroshima Isuzu Jidosha Co.,Ltd.
Kure Branch.

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

List of Application for Authorized Use of
The Reparation Equipment (T.O. Approved already)
Code No: 11-6(13)
Name of Plant: 11th Naval Air Arsenal
Location: Hiro-Machi, Kure-City, Hiroshima Pref.

1, Machinery

Inventory No.	Name of Machinery	Brief Specification	Quantity	Remarks.
91.	Engine Lathe	S.O.B 450 mm Dist 1270 mm	1	Class 1.
92	" "	S.O.B. 300 mm Dist 850 mm	1	" "
93	Bench Lathe	S.O.B 450 mm Dist 300 mm	1	" 2
94	Milling Machine	Length × Cross × Vert 700 × 250 × 455 mm	1	" 1
96	Drilling Machine (Bench)	Depth × Dia 100 × 30 mm	1	" 2
95	Drilling Machine	Depth × Dia 250 × 45 mm	1	" 2
97	Shaper	Stroke 432 mm L×W 320 × 350 mm	1	" 1
98	Griding Machine	1 HP	1	" 2
99	"	3 HP	1	" 2
100	"	1 HP	1	" 2
101	Metal Sawing Machine	L × W 150 × 150 mm	1	" 1
104	Square Shear (Hand type)	L × Thick 210 × 2 mm	1	" 2
108	Exhaust blower	Delivery volume 640 ft^3/min Blade Dia 380 mm	1	" 1
110	Electric welding machine	10 KW 220 V	1	" 1
120	Motor (2HP)	A.C. 220V 1755 R.P.M	1	" 1
121	Motor (3HP)	A.C. 200~220V 1420~1715 R.P.M	1	" 1
125	Motor (2HP)	A.C. 220V 1700 R.P.M	1	" 1
126	Surface plate	L × W × Thick 2000 × 1000 × 800 mm	1	" 1
127	" "	L × W × Thick 450 × 300 × 60 mm	1	" 1
128	" "	L × W × Thick 510 × 390 × 100 mm	1	" 1
129	" "	L × W × Thick 745 × 500 × 100 mm	1	" 1
130	" "	L × W × Thick 370 × 420 × 75 mm	1	" 1
131	" "	L × W × Thick 450 × 300 × 55 mm	1	" 1
132	" "	L × W × Thick 2000 × 1500 × 1250 mm	1	" 1

Notes: S.O.B. - Swing over Bed, Dist -- Center to Center Distance

2. Building — Nil (Not under Reparation)
3. Land — Nil (Not under Reparation)

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

1. December 20th 1948 Authorized as 30,000 K.meter period Repairing plant(30,000 k. m. Seibi Kojo) by Hiroshima road Transport Administration Office.

2. September 21st 1949 Authorized as 2nd class Vehicle Major Repair Plamt(Jidosha Nikyu Ju-seibi Kojo) by Minister of Transportation.

3. July 1st 1949 Designated as Motive Power Thrashing Machine Manufaturing by Governer of Hiroshima Prefecture by the Hiroshima Prefecture Notification No. 335.

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

USE OF REPARATIONS INSTALLATION

a. Name and code number of reparations installation:

Fukko Oxygen K.K. (11-6(207)) Sec. II

b. Address of installation:

Hiro-machi, Kure City

c. Copy of conversion or reconversion permit:

As indicated below in the copy of letter of

HEADQUARTERS 41ST INFANTRY DIVISION
Military Government Section
APO 41

Subject: Application of Fukko Oxygen K.K. to engage in production of Oxygen

To : Fukko Oxygen K.K., Obiro, Hiro, Kure

Upon the reparations made in the application of Fukko Oxygen K.K. to engage in manufacture of Oxygen, it is appearing that the facilities of said company are not desired for military use, and it further appearing that the files of this Headquarters contain no derogatory information concerning the personnel or purpose of the said company; and under the provision of par. 3a Ltr. 6th Army, MG section, 6 Nov. 45, said application is approved.

John L. Gaylord
Lt. Col. Fa.
Mil. Govt. Officer

d. List of items in actual production:

Oxygen Gas

e. A copy of application, giving date of submission, if an application for a new or change or present conversion or reconversion permit is pending approval from the Supreme Commander for the Allied Powers:

None

f. List, by code number and name, of reparations items in authorized use, giving date and issuing headquarters of letter of authorization:

As indicated below

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

COPY Basic: Ltr. Hqs. Hiroshima Mil. Govt. Team, APO 317, subject: "Reparations Machinery in Authorized Use", dtd 2 Aug. 1947.

AG 004 (MG-Em) 1st Ind 6 Aug. 1947

Headquarters Eighth Army, APO 343

To: Supreme Commander of the Allied Powers, APO 500 (Attn: Rep Sect)

The inclosures to the basic communication list additional arsenal machinery located in Hiroshima-ken which has been authorized for use.

FOR THE COMMANDING GENERAL

S/R. Schafer
T/R. SCHAFER
Lt. Col., AGD
Asst. Adjutant General

11-6(207)-1 Oxygen generator

Remarks: Machine inventory No. is correct intead of No.2 in original report submitted in July 1947.

g. List, by code number and name, of reparations items in use without permission for authorized use:

None

h. List, by code number and name, of reparations items on application for authorized use permission, giving date of submission of application to the Supreme Commander for the Allied Powers:

11-6(207)-1 Oxygen generator

4 Feb. 1950

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

Application for Authorized Use and or Move of the Reparations Equipment(T.O. Approved already)

To : Minister of Finance

From: Tsunekichi Ishii, Fukko Sanso K.K., Sunhiro, Hiro-machi, Kure City

Date: 4 Feb. 1950

1. Name of Plant (Code No.): 11-6(207) Sec. II

2. Location of plant: Hiro-machi, Kure City

3. Name of products planned: Oxygen gas

4. Experience of the production planned:

Established in November 1946. We have no experience in before, through we kind several expect engineers in this work. None can follow to us.

5. 1939-1949 productions:

1947 produce 14,609 m^3 1948 Produce 64,166 m^3
1949 Produce 127,555 m^3

6. Period of desired permission.

From the date of permission granted the date of reparation removal

7. Scale of the production planned by month for period on this application:

We produce about 17,000m^3 Oxygen gas per a month

8. Name and location to which products are to be dalivered:

Hiroshima R.R. Hiro Branch, S.P.B. Kure Branch Office, Kure-shi transportation Bureau repair Plant, Hiroshima marine sweeping HQ and other shop building Co. etc.

9. Scale of proposed change in physical facilities:

Oxygen gas production is very important for all iron works as ship building and car factories. After the war over, in Japan have not must of this kind facilities. Therefore it was very hard to get new one. We are fortunately get this facility to produce Oxygen like now.

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

If we get permission to use, we will use it in original location and expect to perfectly repair.

10. Intended expence for authorized use:

During in 1946 and 1847 we spend 420,000 Yen for repair and funished all equipment for operation of this plant.

11. Plan and location to continue the production after reparation removal:

If it will taken away, very hard to renew this palnt. We must close this work.

Signed T. Ishii
Tsunekichi Ishii
Fukko Sanso K.K.

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

List of Facilities for Application

Code No. 11-6(207)

Name of Plant 11th Aironautical Arsenal

Address of Plant Hiro-machi, Kure City

1. Machinery

Inventory No.	Name of Machinery	Brief Specification	Quantity	Remarks
11-6(207)-1	Oxygen gas producing facility	30m3 per a hour	1	Except of main parts made ourselve
Total	X	X	1	

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

Application for Authorized Use
and or Move of the Reparations
Equipment (T.O. Approved already)

To : Minister of Finance

From: Sakae Iwane, Hiroshima-Ken Mokuzai K.K. Saeki Branch,
Hatsukaichi-machi, Saeki-gun, Hiroshima Pref.

Date: 4 Feb. 1950

1. Name of Plant(Code No.) : 61-6(254)-1 Sec. II
11th Aironotical Arsenal

2. Location of Plant: Hiro-machi, Kure City

3. Name of products planned: None

4. Experience of the production planned:

None

5. 1939-1949 production:

Transport about 3,000 Koku of Lumber per a year

6. Period of desired permission:

From the date of permission granted

7. Scale of the production planned by monthe for period on this application:

Same as No. 5

8. Name and location to which products are to be delivered:

None

9. Scale of proposed change in physical facilities:

Finished repair of engine and boat body

10. Intended expence for authorized use:

For repair we spend ¥ 238,934

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

11. Plan and location to continue the production after reparation removal:

Tugging the lumber is only our way of transfer the lumber, so we must buy new one.

Signed Sakae Iwane
Sakae Iwane

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

List of Facilities for Application

Code No. 11-6(254)

Name of Plant 11th Aironatical Arsenal

Address of Plant Hiro-machi, Kure City

Inventory No.	Name of Machinery	Brief Specification	Quantity	Remarks
11-6(254)-1	Tug boat	66.5 tons L 21.73 X B 5.41X D 2.7	1	
Total	X	X	1	

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

Application for Authorized Use and or Move of the
Reparations Equipment
(T.O. Approved already)

To : Minister of Finance

From : Hiroshima Railway Division Office

Date : 4 Feb. 1950

1. Name of plant. 11th Air Arsenal
(11-8(9)) Include 11-8(9) Sec. 14

2. Location of plant. Hiro-machi Kure City Hiroshima Prefecture

3. Name of products planned.

Repair of passenger cars

Repair of freight cars

Manufacture of locomotive parts

4. Experience of the production planned.

Carry on repair works of above cars from 1945
and ability of repair is excellent

5. 1939 - 1949 production.

Repair of passenger cars	18 cars
Repair of freight cars	387 cars
Manufacture of locomotive parts	1,429,773 kg

(Detai of Production in attached Sheet)

6. Period of desired permission.

From permission to released of reparation

7. Scale of the production planned by month for period on this application.

Repair of passenger cars	2 cars
Repair of freight cars	30 cars
Manufacture of locomotive parts	50,000 kg

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

8. Name and location to which products are to be delivered.

Railway Covernment.

9. Scale of proposed change in physical facilities.

Detail of application denotes attached paper.
These applicated machines need to repair of above cars.
In Hiroshima Railway Division suffered shortage of repair equipment and are trouble to equip those.

10. Intended expense for authorized use.

Unnecessary.

11. Plan and location to continue the production after reparation removal.

Substitutional machine for above are trouble to equip and under no those machines cannot to continue above production.

K. Tanaka

Kennosuke Tanaka

Director, Hiroshima Railway Division

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

5. List of 1939 - 1949 production.

Term of year	Production			Remarks
	Passenger cars	Freight cars	Locomotive parts (Kgs)	
1946			178,979	
1947			240,658	
1948	3	101	687,913	
1949	15	286	322,223	
Total	18	387	1,429,773	

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

List of Facilities for Application

Code No. 11-6(9) include 11-6(9)
N
Name of Plant. 11th Air Arsenal

Address of Plant. Hiro-machi Kure City Hiroshima Prefecture

1. Machinery

Inv. No.	Name of machinery	Brief specification	Quantity	Remarks
11-6(9)				
116	Mercury converter	D.C. 100-160V 10A A.C. 100V		
117	Shearing & punching machine	Cap. 22mm		
252	Tool grinder	Dia of wheel 510mm		
298	Electric winch	Cap. 10 ton		
301	Tool grinder	Dia. of wheel 510mm		
354	Engine lathe	Leng. of bed 2600mm Swing 420mm		
355	"	"		
399	Alternating motor	Cap. 10HP		
409	Coating machine	Cap. 30 qm/hr		
418	Water feed tank	Dia. 1980mm Leng. 12m		
420	Coal sender	Cap. 30-100kg/hr		
482	Engine lathe	Leng. of bed 2500mm Swing 510mm		
483	"	"		
502	"	"		
545	Hack sawing machine	Stroke of blade 265mm		
546	Internal cylindrical grinder	Dia. of wheel 100mm Swing 360mm		
551	Universal tool & cutter grinder	Between centers 610mm Travel of table 600mm		
579	Slotter	Stroke of ram 500mm		
584	Kneetype horizontal milling machine	Travel of table 900x314x400mm		
598	Light duty lath	Leng. of bed 1120mm Swing 270mm		
614	Surface grinder	Size of table 290x900mm		
658	External cylindrical grinder	Dia. of wheel 270mm Swing 210mm		
666	Special tool & cutter grinder	Between centers 430mm Swing 210mm		

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

Inv. No.	Name of machinery	Brief specification	Quantity	Remarks
11-6(9)				
692	Alternating motor	Cap. 40HP		
697	"	Cap. 7.5HP		
704	"	"		
712	"	"		
714	"	Cap. 10HP		
721	"	Cap. 5HP		
722	"	Cap. 7.5HP		
726	"	"		
727	"	"		
733	Steam hammer	Cap. 250kg		
734	"	"		
741	Metal heating furnace	Size of chamber 900x950x500mm		
742	"	"		
745	Jib crane	Cap. 1 ton		
798	Overhead trolley crane	Cap. 10 ton		
799	Blower	Cap. 25m³/min		
806	Jib crane	Cap. 3ton		
830	Overhead trolley crane	Cap. 45ton		
833	Transform er	Cap. 50KVA		
837	"	"		
838	"	"		
839	"	"		
840	"	"		
845	Alternating motor	Cap. 5HP		
856	Transformer	Cap. 15KVA		
857	"	"		
858	"	"		
859	"	Cap. 10KVA		
860	"	"		
865	Alternating motor	Cap. 2HP		
866	Direct current motor	Cap. 1.5HP		
867	Alternating motor	Cap. 2HP		
868	"	Cap. 1HP		
869	"	Cap. 3.5HP		
870	Electric car	Cap. 1 ton		
871	"	"		
880	Surface plate	Size 1820x1080x 1200mm		
883	"	Size 2450x2430x 240mm		
1011	Switch board	Size of board 1600x500x2300mm		
1012	Surface plate	Size 2130x2050x 300mm		

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

Inv. No.	Name of machinery	Brief specification	Quantity	Remarks
11-8(9)				
1013	Gas generator	Cap. 0.072m³		
1015	Switch board	Size of board 3200x1400x2300mm		
1016	Jib crane	Cap. 3ton		
1017	Crucible furnace	Quantity of furnace 2 Dia. of furnace 510mm		
1018	Jib crane	Cap. 1ton		
1021	Core drying furnace	Size 1200x1000x1500mm		
1022	Switch board	Size of board 1800x740x2300mm		
1023	Jib crane	Cap. 1ton		
1025	Switch board	Size of board 2490x650x2190mm		
1026	Hand press	Cap. 0.045ton		
1029	Surface plate	Size 2010x1360x100mm		
1033	Jib crane	Cap. 1ton		
1035	Blower	Cap. 28.3m³/min		
1038	Gas generator	Cap. 0.072m³		
1039	"	Cap. 0.08m³		
1040	Surface plate	Size 1610x1180x260mm		
1044	"	Size 3000x1500x260mm		
1045	"	Size 2140x910x220mm		
1046	"	Size 2440x1220x300mm		
1049	Alternating motor	Cap. 20HP		
11-8(9)				
11	Hoist	Cap. 1ton		
19	Shaper	Stroke of ram 610mm		
24	"	"		
39	Hack sawing machine	Stroke of blade 285mm		
44	Tool grinder	Dia. of wheel 440mm		
45	Cleaning equipment	Dia. of dram 730mm Leg.of dram 1080mm		
49	Air compressor	Pressure 9.5kg/cm		
50	Mechanical press	Breaking cap. 110x110mm Stroke of spindle 40mm		

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

Inv. No.	Name of machinery	Breif specification	Quantity	Remarks
13-6(3)				
66	Electric furnace	Cap. 5kw Heat temp. 900-1000°C		
76	Cupola	Cap. 3ton/hr		
84	"	Cap. 5ton/hr		
	Total	34		

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

Application for Authorized Use
and or Move of the Reparations
Equipment (T.O. Approved already)

To : Minister of Finance

From: Masakichi Obiga, Senpaku Unei-Kai, Kure Branch Office
2 chome Kaigan-dori, Yoshiura-machi,
Kure City

Date: 4 Feb. 1950

1. Name of Plant (Code No.): 11-6(10) Sec. II 11th Aironotical Arsenal

2. Location of Plant: Ogimi, Ogakicho, Saeki-gun,
Hiroshima Prefecture

3. Name of products planned: None

4. Experience of the production planned:

None

5. 1939-1949 production:

Operation about 25 days in a month

6. Period of desired permission:

As the date from permission grant

7. Scale of the production planned by month for period on this application :

Same No. 5

8. Name and location to which products are to be delivered:

None

9. Scale of proposed change in physical facilities:

1. Using at above address
2. Repaired body and engine great deal

10. Intended expenditure of above repair about 280,000 Yen

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

11. Plan and location to continue the production after reparation removal:

We should make new, otherwise customers make troubles.

Signature M. Obiga

Masakichi Obiga

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

List of Facilities for Application

Code No. 11-6(10)

Name of Plant 11th Aironotical Arsenal

Address of Plant Ogimi Ogaki, Saeki-gun, Hiroshima-Ken

1. Machinery

Inventory No.	Name of Machinery	Brief Specification	Quantity	Remarks
11-6(10)-349	Transportation	20 ton Wooden construction	1	
Total	X	X	1	

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

Application for Authorized Use or Move of the Reparations Equipment

To.: Minister of Finance.
From: Hirose Salvage Co. Ltd. 119, 1-chome, Kujominamidori, Nichiku, Osaka.

Date: Feb. 4th, 1950.

1. Name of plant (Code No.)
   Kure Naval Harbour Dept. ~~(11)~~ 11-06(243) Sec. II
2. Location of plant.
   Kure. City
3. Name of products planned.
   Salvage and scrapping.
4. Experience of the production planned.
   Salvage, No. 10 Tokuho-maru.
   Scrapping, A.C. Katsuragi, Naruto-maru, Tensho-maru, Chizan-maru, Muroto-maru,
   This vessel is used to hung a sunken boat or transport scraps of ashi
5. 1939-1949 prodution

Year.	Salvage. No.of vessels	(Gross tons)	Scrapping. No.of vessels	(G.T.)
1942	1	(2,000)	1	(6,000)
43			1	(5,000)
44	1	(1,000)	2	(4,000)
45	1	(1,000)		
46	20	(16,450)		
47	1	(100)		
48			1	(20,200)
49	3	(810)	4	(4,000)
Total	27	(21,360)	9	(39,200)

6. Period of desired permission.
   From date of permission to date of reparation release (or removal)
7. Scale of the production planned by month for period on this application.
   As one piece of scrap is 30 tons weight, the barge with buoyancy mentioned in thelist is needed to transport the scraps with efficiency and to lift sunken boats.
8. Name and location to which products are to be delivered.
   No. products.
9. Scale of proposed change in physical facilities.
   Sweeping of water way has a great necessity to the development of after war merchent marine and salvage and scrapping of sunken vessels has not a little part in the reconstuction of Japanese economy. This flat barge having been owned exclusively by Japanese navy, we have hardly been able to own it
10. Intended expense for authorized use.
    A. Materials, - steels, woods, electrodes, paints etc, ¥250.000
    B. Labours, - 710 men, ¥ 350,000

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

11. Plan and location to continue the production after reparation removal.

Removal of this equipment would give a great damage against our job, salvaging of sunken vessels and scrapping, to the point at which we must lessen our production.

Kyôtirôsa

119, 1-chome, Kujominamidori,
Nichiku, Osaka.

List of facilities for Application.

Code No.	11-06(243)
Name of plant	Kure Naval Harbour Dept.
Address of plant.	Kure.
1. Machinery.	
Inv. No.	06 (243)
Name of Machinery.	flat barge.
Brief Specifications.	141.50 tons.
Quantity.	1.
Remrarks.	/

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

Application for Authorized Use and or Move of the Reparation Equipment. (T.O. Approval already)

11-6 ( )
Sec. 4

To : Minister of Finance

From: Hideo Yoshida, Chief of Hiroshima Maritime Safety H[illegible]s,
Kanyu 1 Banchi, Ujina-cho, Hiroshima-shi

Date: February 2nd, 1950

1. Name of Plant (Code No.)

Ex 11 Aerial Arsenal

2. Location of Plant.

Kure-shi, Hiro machi

3. Name of Products planned.

None

4. Experience of the production planned.

None

5. 1939 - 1949 production

Number of operated days: About 15 days per a month

6. Period of desired permission.

From the day of permission to the day of release of reparation

7. Scale of the production planned by month for period on this application.

Ditto on the above (5) item

8. Name and location to which products are to be delivered.

None

9. Scale of proposed change in physical facilities.

Move to the place for which we appl cate and is now using from ex 11 Aer ial Arsenal.

10. Intended expence for authorized use

None

11. Plan and location to continue the production after reparation removal.

We have no substitute and functions of maritime safety on the sea will be disturbed in that case of the removal.

Signed Hideo Yoshida.
(Position)

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

List of Facilities for Application

Code No. 11 - 6 (239)

Name of plant 11 Aerial Arsenal

Address of plant Kure-shi, Hiro machi

1. Machinery

Inv. No.	Name of machinery	Brief Specification	Quantity	Remarks
11-6(239)-1	Steam Boat	5 ton	1	After repair Dec. 1949 able to navigate
Total				

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

APPLICATION

II-06
Ave II

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

Application for Authorized Use

of the Reparation Equipment (T.O. Approved already)

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.

Date: 1 Feburuary 1950.

1. Name of Plant (Code No.)

11th Naval Aeronautical Arsenal (11-06)

2. Location of Plant.

Hiro-machi, Kure-city, Hiroshima Prefecture.

3. Name of products planned.

Auxiliary engines for marine use.

4. Experience of the production planned.

The company started in September 1936 with the capital of ¥ 5,000,000. It has been engaged in shipbuilding, mostly in Nagasaki Prefecture. Its capital was increased to ¥15,000,000 in June 1937, to ¥50,000,000 in August 1942, and to ¥200,000,000 in June 1949.

Its main shipyard is the Koyagishima Shipyard. The Hiro Plant was opened at the site of the ex-11th Naval Aeronautical Arsenal with due permission after the end of the war.

It has been engaged in the maintenance of reparations machines and the manufacturing and repairing of marine auxiliary engines.

5. 1946---1949 production.

1946	Marine Auxiliary Engines	¥ 4,000,000
1947	"	" 12,930,000
1948	"	" 48,750,000
1949	"	" 97,640,000

6. Period of desired permission.

From the date of authorization to the date of release from reparation.

7. Scale of the production planned by month for Period on this application.

a. Outline of our plan and improvement foreseen on our past achievment.

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

1) Outline of our plan.

The Plant has been engaged in the maintenance of reparations machines and in the manufacturing and repairing of marine auxiliary engines at one section of the site of the ex-11th Naval Aeronautical Arsenal with due permission obtained after the end of war. First the were forced to make machines of older types in compliance with general demands at that time.

As Japanese shipbuilding industry demands more and more auxiliary engines of higher efficiency, we are making efforts to meet these more up-to-date demands. As most of our workers are well experienced in the manufacturing of higher efficiency auxiliary engines, we are now known by shipbuilders as a first class maker of these machines, though it is very lately that we started the production. Espesially our auxiliary turbine rank in reputation with that of the Ishikawazhima Shipyard or of the Hitachi Plant and our Circulating Pump with that of the Ebara Plant, all best makers of each item in Japan.

Further, our cost is comparatively lower and still our products are better in some points. Now we are among a limited number of the best makers of higher efficiency auxiliary engines and busy to meet a great number of orders.

2) Main items of planned production

1. Turbine driven Dynamo Engine
2. " Pumps
3. " Blower
4. Washington Pump
5. Weir Pump
6. Steam Engine driven Feed Pump and Blower
7. Steam Engine driven Dynamo Engine
8. Windlass
9. Winch
10. Refrigereted Machine

3) Improvement foreseen on our achivements.

If our plan is approved, precision works requied for the manufacture of higher efficiency auxiliary engines will be done much easier and we shall be able to produce more and better machines.

b. Expected increase in production by the use of these machines.

An increase of ¥ 50,000,000 in the annual production of various marine auxiliary engines is expected.

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

8. Name and location to which products are to be delivered.

As all products are to be fitted to ships at shipyards, they are directly delivered to client-shipyards from the Hiro Plant.

9. Scale of proposed change in physical facilities.

124 machines of which we apply for the use are listed as per attached.

The Japanese shipbuilding industry is building more and more ships of better quality and bigger size. Required auxiliary engines are to be better in quality and bigger in size. For instance, reciprocating engines are going off and turbine drivan or motor driven auxiliary engines are now currently demanded. It means we need more machine tools. As the main efforts of our plant are placed on manufacturing turbine driven auxiliary engines which requires a great deal of mechanical work, we feel ourselves particulaly short of necessary machines.

Official requirements make it necessary to test marine auxiliary engines as they are fitted to the ship.

This is another reason why we need more machine tools.

If the use of these machines listed as per attached is authorized it will strengthen our technics and much contribute to meet eager demands for marine auxiliary engines on the part of every Japanese shipyard. We think that without these machines our plant would be unnecessary for Japanese industry. It is earnestly requested that authorization be given after due examination of our case.

Here are given actual cases in which more machine tools are needed.

(1) Comparison between labors required for old and new type machines

Name of Engine	Old Type	New Type	Rate of increase	Remarks
Water Pump	70 man/day	90 man/day		Principal Machine tools required:
Ballast Pump	135 man/day	180 man/day		
Circulating Water pump	155 man/day	190 man/day		Lathe
Miscellaneous Water pump	95 man/day	170 man/day		Milling Machine
Blower	115 man/day	130 man/day		Boring Machine
Feed Pump	85 man/day	165 man/day		Motor
Total	655 man/day	925 man/day	1.41	

(2) Comparison between labirs required for reciprocating and Turbine driven circulating auxiliary marine engines

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

Name of Engine	Reciprocating Engine	Circulating Engine	Rate of increase	Remarks
Feed Pump	85 man/day	370 man/day		principal Machine Tools required:
Circulating Water Pump	155 man/day	300 man/day		
Blower	115 man/day	330 man/day		Milling Machine Lathe Boring Machine
Total	355 man/day	1000 man/day	2.85	

10. Intended expense for authorized use.

Total labor requirements for installations and others
700 man/days

11. Plan and location to continue the production after reparation removal.

If these machines should be removed under reparation, we shall make our best to find replacements. But we feel it will be almost impossible to obtain proper replacements. Reparation removal would be a great obstacle to our production.

Signed Senji Iwamoto
Manager, Hiro Plant, Kawaminami Kogyo K.K.

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

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. Machinery

Inventory No.	Name of Machine	Brief Specification	Quantity
11-6(8)- 40	Upright Drilling Machine	Capacity Dia.x Depth 24 x 100 mm	1
" 77	Lathe-Engine	SOB. 330 mm	1
" 136	Rotary Shear	Max. Cutting Capacity 410 x 3 mm	1
" 163	Shaper	Tool Post Travel 300 mm	1
" 183	Vertical Drilling Machine	Capacity Dia.x Depth 50 x 270 mm	1
" 338	Induction Motor	" 15 HP. 1,160 r.p.m.	1
" 342	"	" 35 HP. 1,745 r.p.m.	1
" 344	"	" 7.5 HP. 1,500 r.p.m.	1
" 351	"	" 5 HP. 1,700 r.p.m.	1
" 450	"	" 100 HP. 877 r.p.m.	1
" 475	Threading Lathe	SOB. 380 mm.	1
" 491	Turret Lathe	" 400 mm	1
" 492	"	" 400 mm	1
" 498	Lathe-Engine	" 380 mm	1
" 499	"	" 380 mm	1
" 501	"	" 440 mm	1
" 507	"	" 460 mm	1
" 508	"	" 530 mm	1
" 522	"	" 320 mm	1
" 535	"	" 320 mm	1

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

11-6(8)- 582	Horizontal Milling Machine	Table travel 120 x 360 x 640 mm		1
" 601	Universal Milling Machine	"	500 x 250 x 380 mm	1
" 609	Horizontal Milling Machine	"	65 x 250 x 400 mm	1
" 657	Vertical Milling Machine	"	70 x 300 x 330 mm	1
" 660	Slotter	Ram Stroke	200 mm	1
" 671	Tool Grinding Machine	SOR.	200 mm	1
" 674	External Grinding Machine	SOR. 200 mm Center Dist.	340 mm	1
" 732	Vertical Drilling Machine	Capacity Dia.x Depth	35 x 170 mm	1
" 733	"	"	Dia. 35 mm	1
" 754	Welding Machine	"	16 KW. 200 V.	1
" 763	Lathe-Engine	SOR.	420 mm	1
" 790	"	"	540 mm	1
" 792	Milling Machine Unit	Travel	80 mm	1
" 811	Furnace	Chember Size	440 x 400 x 1,300 mm	1
" 815	Platformscal	Capacity	2,000 kg	1
" 861	Sawing Machine	Cutting Capacity Dia.	200 mm	1
" 876	Vertical Milling Machine	Table travel	750 x 430 x 390 mm	1
" 878	"	"	555 x 315 x 250 mm	1
" 880	"	"	600 x 300 x 300 mm	1
" 900	Air Compressor	Pressure Volume	7 kg/cm^2 .50 m^3/min	2

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

11-6(8)- 901	Air Compressor	Pressure 5 kg/cm^2 Volume 0.3 m^3/min		1
" 918	Horizontal Milling Machine	Table travel 640 x 250 x 400 mm		1
" 939	Lathe-Engine	SOB.	550 mm	1
" 965	Horizontal Milling Machine	Table travel 680 x 150 x 470 mm		1
" 976	Vertical Milling Machine	"	780 x 360 x 220 mm	1
" 1019	Tool Grinding Machine	Wheel Dia.x Thick 300 x 30 mm		1
" 1022	"	"	350 x 50 mm	1
" 1023	"	"	300 x 30 mm	1
" 1028	Electric Furnace	Chember Size 1,800 x 450 x 500 mm		1
" 1037	"	"	1,440 x 760 x 460 mm	1
" 1145	Induction Motor	Capacity	3.68 KW.	1
" 1163	"	"	5 HP.	1
" 1164	Oil Running Equipment	Spindle Speed	390 r.p.m.	1
" 1190	Lathe-Engine	SOB.	380 mm	1
" 2418	Transformer	Capacity	30 KVA.	1
" 2429	Manual Press	Max. Working Size	400 mm	1
" 2430	"	"	800 mm	1
" 2431	"	Max. Pressure	1 tons	1
" 2434	Induction Motor	Capacity	2 HP. 1,700 r.p.m.	1
" 2435	"	"	2 HP. 1,700 r.p.m.	1

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

11-6(8)-2436	Induction Motor	Capacity	2 HP. 1,700 r.p.m.		1
" 2437	"	"	3 HP. 1,700 r.p.m.		1
" 2438	"	"	1.5 KW. 1,480 r.p.m.		1
" 2439	"	"	2 HP. 1,700 r.p.m.		1
" 2440	"	"	2 HP. 1,700 r.p.m.		1
" 2442	"	"	1.5 KW. 1,700 r.p.m.		1
" 2444	"	"	2 HP. 1,700 r.p.m.		1
" 2446	"	"	2 HP. 1,700 r.p.m.		1
" 2448	"	"	2 HP. 1,700 r.p.m.		1
" 2449	"	"	2 HP. 1,700 r.p.m.		1
" 2454	"	"	1.5 KW. 1,726 r.p.m.		1
" 2455	Direct Current Motor	"	2 HP. 1,500 r.p.m.		1
" 2552	Tug Boat	"	46 tons Speed 6.7 Knots		1
" 2553	Surface Plat	Size	710 x 510 x 130 mm		1
" 2554	"	"	700 x 660 x 1,300 mm		1
" 2555	"	"	630 x 460 x 140 mm		1
" 2556	"	"	620 x 460 x 130 mm		1
" 2557	"	"	620 x 460 x 130 mm		1
" 2558	"	"	620 x 460 x 130 mm		1
" 2559	"	"	620 x 460 x 130 mm		1

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

11-8(8)- 123	Water Pump		Pressure Volume	7.5 kg/cm^2 15 tons/H	1
" 124	"		"	7.5 kg/cm^2 15 tons/H	1
" 126	Feed Water Heater		Heating Area	20 m^2	1
" 127	Oil & Sea Water Cooling Pump		Capacity Volume Lifting Hight	24 L/H 10 m	1
" 132	Boiler		Pressure Capacity	19.3 kg/cm^2 3,500 HP.	1
" 183	Oil Cooler		Cooling Area	25 M^2	1
" 203	Gear Tester		Capacity	Dia.x M.P. 400 x 0.5--10 mm	1
" 211	Surface Boring Machine		Boring Capacity	2,550 mm	1
" 225	Vacuum Augumenter Ejecter		Steam Pressure	60 kg/cm^2	1