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

HIROSHIMA FINANCE BUREAU

This boat was sunken during the war and later it was salvaged after the war. The Masuoka-Gumi disbursed a big amount of expense to put it into serviceable condition. As it is of too old age, it became again unserviceable. The problem to put it again into serviceable condition is being studied at present, taking the tremendous cost for repairing into consideration.

K. Yamashita

KATSUTOSHI YAMASHITA
Chief of Kure Reparations Branch,
Hiroshima Finance Office

Enclosures:
Two diverse authorizations to use reparations equipment

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

BASIC: Ltr, Hq 8A APO 343, AGMGEM 386.3, dtd 7 Sep 48, subject: "Arsenal Equipment in Authorized Use."

CMGR 386.3 (D-No) 1st Ind

Headquarters, Chugoku Military Government Region, APO 317, Kure Honshu Japan, 13 September 1948

To: Commanding Officer, Hiroshima Military Government Team, APO 317

1. Forwarded for your information and necessary action

2. Request that Japanese officials concerned be notified and records of your office posted of machines in authorized use.

JERRY W. TOM
1st Lt. USAF
Adjutant

Encl. No.1

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

HEADQUARTERS EIGHTH ARMY
United States Army
Office of the Commanding General
APC 343

AGMGEM 386.3 7 Sep 48

SUBJECT: Arsenal Equipment in Authorized Use

TO : Commanding Officer
Chugoku Military Government Region
APO 317

1. Reference is 1st indorsement, Headquarters, Chugoku Military Government Region, file CMGR 386.3 (D-No) to letter Hiroshima Military Government Team, subject: "List of Reparations Machines in Authorized Use, as of June 30th, 1947, Under Code Number 11-5", dated 2 July 1948.

2. General Headquarters, Supreme Commander for the Allied powers, approved the list on 31 August 1948, submitted by correspondence referenced in paragraph 1 above.

BY COMMAND OF MAJOR GENERAL RYDER:

/s/t/R. SCHAFER
Lt Col, AGD
Asst Adj Gen

Encl. No. 1

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

HEADQUARTERS
HIROSHIMA MILITARY GOVERNMENT TEAM
APO 317

D/ED/mn

File No: HMGT 386.3

28 September 1948

SUBJECT: Arsenal Equipment in Authorized Use

THROUGH: Director
Chugoku Liaison and Coordination Office
Kure, Japan

TO : Kure Branch
Hiroshima Finance Bureau

1. Attached are lists of "Authorized Use" Reparation Machinery approved by Supreme Commander for the Allied Powers as of 31 August 1948.

2. Request that each company concerned be furnished a copy of "Authorized Use" Reparation Machinery for their file.

FOR THE COMMANDING OFFICER:

WILLIAM BAKER
Major, Inf.
Executive-Adjutant

4 Invls:

Incl 1. List of Reparation Machinery-Harima Company
Incl 2. " " " " -Dainyu Sub-Station
Incl 3. " " " " -Amagasaki Steel
Incl 4. Letter Eitht Army, dtd 7 September 1948.

Encl. No. 1

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

CHUGOKU HAIDEN, HIROSHIMA BRANCH

USING CODE NUMBER 11-5(17)

Code No.	Description	Class	Code No.	Description	Class
2	Motor	2	* 63	Motor	1
3	"	2	* 70	"	1
6	Drilling machine	2	* 71	"	1
7	Grinder	2	* 72	"	1
8	Lathe	2	* 73	"	1
9	Drilling machine	2	* 74	"	1
23	Transformer	1	* 75	Transformer	2
35	Motor generator	2	* 76	"	2
36	"	2	* 77	"	2
41	"	2	* 78	"	1
42	"	2	* 79	"	1
44	Transformer	2	* 80	"	1
45	"	1	* 81	Motor	1
46	"	1	* 94	Transformer	1
50	Motor generator	1	* 95	"	1
* 96	Transformer	1			

Remarks: * Released

Encl. No. 1

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

BASIC: Ltr, Hq 8A APO 343, AGMGEM 386.3, dtd 7 Sep 48, subject: "Arsenal Equipment in Authorized Use."

CMGR 386.3 (D-No) 1st Ind

Headquarters, Chugoku Military Government Region, APO 317, Kure Honshu Japan, 13 September 1948

To: Commanding Officer, Hiroshima Military Government Team, APO 317

1. Forwarded for your information and necessary action

2. Request that Japanese officials concerned be notified and records of your office posted of machines in authorized use.

JERRY W. TOM
1st Lt. USAF
Adjutant

Encl. No. 2

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

HEADQUARTERS EIGHTH ARMY
United States Army
Office of the Commanding General
APO 343

AGMGEM 386.3

7 Sep 48

SUBJECT: Arsenal Equipment in Authrorized Use

TO : Commanding Officer
Chugoku Military Government Region
APO 317

1. Reference is 1st indorsement, Headquarters, Chugoku Military Government Region, file CMGR 386.3 (D-No) to letter Hiroshima Military Government Team, subject: "List of Reparations Machines in Authorized Use, as of June 30th, 1947, Under Code Number 11-5", dated 2 July 1948.

2. General Headquarters, Supreme Commander for the Allied powers, approved the list on 31 August 1948, submitted by correspondence referenced in paragraph 1 above.

BY COMMAND OF MAJOR GENERAL RYDER:

/s/t/R. SCHAFER
Lt Col, AGD
Asst Adj Gen

Encl. No.2

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

HEADQUARTERS
HIROSHIMA MILITARY GOVERNMENT TEAM
APO 317

D/ED/mn

File No: HMGT 386.3 28 September 1948

SUBJECT: Arsenal Equipment in Authorized Use

THROUGH: Director
Chugoku Liaison and Coordination Office
Kure, Japan

TO : Kure Branch
Hiroshima Finance Bureau

1. Attached are lists of "Authorized Use" Reparation Machinery approved by Supreme Commander for the Allied Powers as of 31 Autust 1948.

2. Request that each company concerned be furnished a copy of "Authorized Use" Reparation Machinery for their file.

FOR THE COMMANDING OFFICER:

WILLIAM BAKER
Major, Inf.
Executive-Adjutand

4 Incls:

Incl 1. List of Reparation Machinery-Harima Company
Incl 2. " " " " -Dainyu Sub-Station
Incl 3. " " " " -Amagasaki Steel
Incl 4. Letter Eight Army, dtd 7 September 1948.

Encl.No. 2

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

NISSAN SALVAGE

11-5(238)-1

MASUOKA GUMI

11-5(241)-1

HIROSE SALVAGE

11-5(243)-1
-2
-3
-4
-5
-6

Encl. No.2

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

APPLICATION FOR CONVERSION OF DESIGNATED REPARATION PLANT

April, 10, 1950

To: Minidtor of Finance

From: President of Hiro Seisakusho, Kawaminami Kogyo K.K.
14580, Suehiro, Hiro-machi, Kure-city

1) Name of Plant & Code No.;

11th Naval Aeronautical Arsenal Code No. 11-06

2) Location of Plant;

Hiro-machi, Kure City, Hiroshima Prefecture

3) Categorys

Sewing Machine Industry

4) Producation;

Present: None
Planned: Home use Sewing Machine
Annual production in unit; 10,000 units

5) Necessity for Conversion;

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

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

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

For the above reasons, we started, the research and trial manufacture on home use sewing machine in July 1947, with the excellent result obtained both in actual test and price.

In the 3rd Home-made Sewing Machine Contest recently held, as sponsored by the Ministry of International Trade and Industry, we were honored with a commendation from the Minister. We have also been floaded with inquires from U.S.A. and other overseas firms.

Confident of the fine technique and marketability of our products, we are anxious to start the manufacture of sewing machines as follows:

MANUFACTURING AND INDUSTRY FILE II-2(8) Sec II

Submitted to F. Ministry
29 June 50

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

General description of program.

(1) Production: Sewing machines for home use.

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

(3) " " " yen: ¥ 120,000,000

(4) Organization of plant:

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

(5) Facilities: About 180 machines

(6) Employees: About 320 employees

(7) Operating funds: ¥ 10,000,000

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

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

6) Additional reparation items needed for the above production

126 machines as per list attached.

Signed Senji Iwamoto
General Manager, Hiro Seisakusho,

Kawaminami Kogyo K.K.

Attached List;
1 List of Machinery and Equipment to be used

Attached Documents;
Recommendations from Mayor of Kure City, Governor of Hiroshima Prefectiure, Director of Hiroshima International Trade and Industry Bureau, and Commendation from Minister of International Trade and Industry.

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

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

1. Machinery

Inventory No.	Name of Machine	Brief Specification	Quantity
11-6(8)- 43	Sawing Machine-Hack Saw	Max. work Dimention 180 mm	1
" 69	Lathe-Gap	S.O.B. 400 mm Center Distance 890 mm	1
" 70	Lathe-Engine	S.O.B. 360 mm Center Distance 1,130 mm	1
" 160	"	S.O.B. 540 mm Center Distance 450 mm	1
" 186	Milling Machine -Horizontal-Knee type	Table travel 700 x 250 x 250 mm	1
" 221	Drilling Mavhine -Vertical	Cap. Dia.x Depth 35 x 130 mm	1
" 222	"	" 20 x 110 mm	1
" 232	Lathe-Bench-Gap	S.O.B. 250 mm Center Distance 500 mm	1
" 234	"	"	1
" 235	"	"	1
" 243	"	"	1
" 260	Milling Machine-Vertical -Knee type	Table travel 265 x 115 x 175 mm	1
" 262	Milling Machine -Horizontal-Knee type	" 900 x 500 x 200 mm	1
" 264	"	"	1
" 300	Drilling Machine -Vertical	Spindle/Column Max. Distance 200 mm	1

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

Inventory No..	Name of Machine	Brief Specification	Quantity
11-6(8)-493	Lathe-Turret-Ram	S.O.B. 400 mm Bed Length 930 mm	1
" 548	Lathe-Engine	S.O.B. 320 mm Center Distance 500 mm	1
" 554	"	"	1
" 571	"	"	1
" 573	"	"	1
" 590	Milling Machine- Universal Head	Table travel 550 x 250 x 300 mm	1
" 603	Drilling Machine- Vertical	Spindle/Column Max. Distance 200 mm	1
" 604	Drilling Machine- Multiple(2Spindle)	Spindle Dia. 22 mm Spindle Distance 255 mm	1
" 656	Grinding Machine- External-Cylindlical	Swing 320 mm Center Distance 840 mm	1
" 663	Grinding Machine- Internal-Cylindrical	Swing 340 mm Wheel D.x W. 30 x 20 mm	1
" 666	Grinding Machine- Internal	S.O.B. 360 mm Table travel 300 mm	1
" 669	Milling Machine- Horizontal-Knee type	Table travel 550 x 250 x 300 mm	1
" 690	Lathe-Turret-Ram type	S.O.B. 450 mm Bed Length 1,200 mm	1
" 712	Lathe-Engine	S.O.B. 340 mm Center Distance 600 mm	1
" 735	Milling Machine- Thread Miller	Table travel 200 x 180 mm	1
" 791	Milling Machine- Unit	Spindle travel 80 mm Over Arm travel 500 mm	1
" 793	"	"	1
" 810	Lathe-Single purpose	S.O.B. 400 mm Bed Length 1,350 mm	1

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

Inventory No.	Name of Machine	Brief Specification	Quantity
LL-6(8)- 824	Lathe-Heavy Duty	S.O.B. 400 mm Bed Length 1,400 mm	1
" 867	Milling Machine -Vertical-Knee type	Table travel 700 x 350 x 330 mm	1
" 868	Milling Machine-Vertical -Knee type	" 650 x 300 x 330 mm	1
" 877	Drilling Machine Vertical-Multiple	Cap. Dia.x depth 20 x 300 mm	1
" 882	Milling Machine-Vertical -Knee type	Table travel 630 x 280 x 340 mm	1
" 884	"	" 650 x 330 x 300 mm	1
" 888	Grinding Machine- Hydraulic-External	S.O.B. 320 mm Center Distanse 650 mm	1
" 919	Slotter-Vertical	Ram Stroke 318 mm	1
" 921	Milling Machine-Vertical Knee type	Table travel 630 x 280 x 340 mm	1
" 924	"	" 650 x 330 x 300 mm	1
" 960	Drilling Machine- Multiple	Spindle/Table Distance 200 mm	1
" 977	Milling Machine- Vertical-Knee type	Table travel 800 x 380 x 360 mm	1
" 1183	Lathe-Engine	S.O.B. 480 mm Center Distance 600mm	1
" 2207	Mechanical Press -Inclinable	Press. 20 M.T.	1
" 2217	Grinding Machine Tool & Cutter-Universal	Swing 200 mm Center Distance 150 mm	1
" 2260	Grinding Machine- Horizontal-Magnetic	Table travel 1300 mm G.W. size D.x T. 300 x 20 mm	1
" 2292	Milling Machine-Vertical Knee type-Dial system	" 600 x 300 x 300 mm	1
11-6(9)- 49	Drilling Machine- Radial-Plain	Swing 2,660 mm Base Plate size 1,940x1,370 mm	1

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

Inventory No.	Name of Machine	Brief Specification	Quantity
11-6(9)- 58	Drilling Machine-Radial Plain	Swing 2,530 mm Base Plate size 1,320 x 980 mm	1
" 88	Drilling Machine-Upright Sensitive power feed	Base Plate size 600x585 mm	1
" 89	"	"	1
" 92	Milling Machine-Knee type Horizontal-Plain-Dial	Table travel 905 x 310 x 470 mm	1
" 95	Milling Machine-Knee type Horizontal-Plain	" 680 x 290 x 570 mm	1
" 97	Shaper-Horizontal	Max. Stroke 500 mm	1
" 98	Milling Machine-Knee type Horizontal Plane	Table travel 680 x 290 x 570 mm	1
" 120	Lathe-Engine	S.O.B. 390 mm Center Distance 1,200 mm	1
" 135	Milling Machine-Plane -Knee type-Horizontal	Table travel 65 x 165 mm	1
" 166	Drilling Machine-Bench	Table Dia. 260 mm	1
" 167	Lathe-Engine-Standard	S.O.B. 375 mm Center Distance 1,250 mm	1
" 172	Milling Machine-Unit	Spindle/Over Arm Distance 165mm Spindle travel 80 mm	1
" 173	"	"	1
" 203	Drilling Machine-Bench	Base Plate Size 280 x 240 mm	1
" 218	Milling Machine-Knee type Horizontal-Plane	Table travel 180 x 130 x 250 mm	1
" 237	Lathe-Engine-Standard	S.O.B. 380 mm Center Distance 700 mm	1
" 312	Drilling Machine-Bench	Base Plate size 280 x 240 mm	1
" 327	Milling Machine-Knee type Horizontal-Plane	Table travel 190 x 115 x 240 mm	1

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

Inventory No.	Name of Machine	Brief Specification	Quantity
11-6(9)-334	Drilling Machine-Bench	Base Plate size 1,000x800 mm	1
" 360	Lathe-Engine-Standard	S.O.B. 540 mm Center Distance 800 mm	1
" 361	"	"	1
" 362	"	"	1
" 363	"	"	1
" 365	"	S.O.B. 540 mm Center Distance 1,000 mm	1
" 369	Lathe-Engine-Standard	S.O.B. 360 mm Center Distance 500 mm	1
" 378	Lathe-Engine-Standard	S.O.B. 540 mm Center Distance 800 mm	1
" 380	"	S.O.B. 300 mm Center Distance 550 mm	1
" 386	Milling Machine-Universal	Table travel 885x240x430 mm	1
" 432	Milling Machine-Knee type Vertical-Standard	" 560 x 308 x 315 mm	1
" 443	Lathe-Engine-Standard	S.O.B. 270 mm Center Distance 500 mm	1
" 445	"	"	1
" 446	"	"	1
" 448	"	"	1
" 454	"	"	1
" 480	"	S.O.B. 590 mm Center Distance 1,200mm	1
" 495	Drilling Machine-Radial Plane	Swing 2,160 mm Base Plate size 1,120x810 mm	1

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

Inventory No.	Name of Machine	Brief Specification	Quantity
11-6(9)-497	Lathe-Engine-Standard	S.O.B. 590 mm Center Distance 1,200 mm	1
" 498	"	"	1
" 499	"	"	1
" 500	"	S.O.B. 510 mm Center Distance 1,100 mm	1
" 501	"	S.O.B. 590 mm Center Distance 1,200 mm	1
" 503	"	S.O.B. 510 mm Center Distance 1,100 mm	1
" 504	"	S.O.B. 590 mm Center Distance 1,200 mm	1
" 512	Drilling Machine-Upright -Sensitive power feed	Base Plate size 430 x 400 mm	1
" 513	"	"	1
" 514	"	"	1
" 515	"	"	1
" 522	Milling Machine-Horizontal -Plain	Table travel 380 x 140 x 425 mm	1
" 563	Lathe-Engine-Standard	S.O.B. 590 mm Center Distance 1,200 mm	1
" 564	"	"	1
" 565	"	"	1
" 566	"	"	1
" 594	"	S.O.B. 300 mm Center Distance 500 mm	1
" 597	"	S.O.B. 270 mm Center Distance 550 mm	1

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

Inventory No.	Name of Machine	Brief Specification	Quantity
11-6(9)-605	Lathe-Engine-Relieving	S.O.B. 480 mm Center Distance 620 mm	1
" 606	"	S.O.B. 540 mm Center Distance 1,030 mm	1
" 607	Lathe-Engine-Standard	S.O.B. 365 mm Center Distance 750 mm	1
" 609	Milling Machine-Knee type -Vertical-Ram	Table travel 847 x 407 x 330 mm	1
" 618	"	Table travel 935 x 240 x 370 mm	1
" 619	Milling Machine-Bed type Horizontal	Table travel 1,030 x 410 mm	1
" 633	Lathe-Engine-Standard	S.O.B. 540 mm Center Distance 1,000 mm	1
" 654	Grinding Machine-Internal -Cylindrical-Plane	Swing 390 mm G.W. Dia. 60 mm	1
" 887	Milling Machine-Knee type Horizontal-Plane	Table travel 180 x 30 x 250 mm	1
11-6(10)-36	Milling Machine-Vertical-Knee type	Table travel 895 x 440 x 400 mm	1
" 44	"	"	1
11-6(11)-55	"	Table travel 700 x 270 x 370 mm	1
" 96	Grinding Machine-Surface-Rotary-Magnetic	Table Dia. 510 mm G.W. size D.x T. 355 x 80 mm	1
" 115	Grinding Machine-Sizematic -Internal-Hydraulic	S.C.C. 395 mm Max. Stroke 220 mm	1
" 130	Grinding Machine-Centerless -Hydraulic Dresser	G.W. size D.x T. 400x150 mm R.W. size D.x T. 230x150 mm	1
" 153	Lapping Machine-Combination -Hydraulic	Wheel Dia. 600 mm Max. Distance Bet. Laps 100mm	1
11-6(12)-50	Milling Machine-Horizontal -Knee type	Table travel 740 x 320 x 300 mm	1
" 101	Lathe-Engine	S.O.B. 290 mm	1
11-8(22)- 3	"	S.O.B. 320 mm	1

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

Inventory No.	Name of Machine	Brief Specification		Quantity
11-6(22)-4	Lathe-Engine	S,O.B.	340 mm	1
" 5	"	S.O.B.	340 mm	1

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

KURE CITY HALL

KURE

SUBJECT: Recommendation for Kawanami's Authorized Use of Reparation Machines.

TO : The Hon. H. Ikeda, Minister of Finance, Tokyo.

FROM : T. Suzuki, Mayor of Kure City.

25th March, 1950.

Citizens of Kure, one of the former naval cities, have been and are exerting themselves to the utmost for the new start as a city of peace-time industry. Since the opening of the port as a trade port, there is something bright being prospected in the future.

As the Kure Naval Arsenal was the major workshop in Kure, the defeat gave a fatal blow to the citizens' livings. It was not able to compare with that of any other city. Though being a city of one hundred ninety thousand population, there are no resources to support and maintain the livings of those citizens. It is really a matter of grave concern to have such a large number of unemployeds. It is, therefore, most urgently necessary for us to promote stabilization of their livings, developing industies in Kure.

At the time as above-mentioned, it is more than a matter of rejoicing to have learned that the Hiro Workshops of Kawanami Industrial Co., Ltd have had a plan for increasing production of sewing-machines. Sewing-machines produced in the said factory lately won the "Minister of Trade and Industry Prize" after long years of studying and improving. It's increasing production promises great possibilities in foreign trade.

We, hereby, ask your favorable consideration for their application for the Authorized use of reparation machines on occasion of the factory's expansion.

(Signed by)

TEDATE SUZUKI.

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

SUBJECT: Recommendation for Kawanami's Authorized Use of Reparation Machines.

TO : The Hon. H. Ikeda, Minister of Finance, Tokyo.

FROM : T. Kusunose, Governor of Hiroshima Prefecture.

27th March, 1950.

It has, indeed, a great significance for Hiroshima Prefecture that Hiro Workshops of Kawanami Industrial Co.,Ltd. are going to have a new factory for producing sewing-machines for family use. As for our prefecture, industrial rehabilitation is being rather slowly done in comparison with other prefectures. Especially Kure City is now called by a shameful name of "the Model City of Unemployed". Establishment of the new factory is the thing long desired by all of the prefectural people. Sewing-machine production is a typical one of the peace-time industries, and it's prospect is very bright. It will make a great contribution to the local industrial circle. The Hiro Workshops are one of the leading workshops in Kure City, and their technics are highly estimated. There is a great possibility to be one of the leading makers in Japan in the nearest future in fact as well as in name.

We should be much obliged to you, if you would be so kind as to make a special arrangement for the application for the authorized use of reparation machines to be able to commence the production as soon as possible.

(Signed by)

TOSHEI KUSUNOSE,
Governor of Hiroshima Prefecture.

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

THE HIROSHIMA BUREAU OF INTERNATIONAL TRADE & INDUSTRY

15 March 1950

Serial No. : 25 Hiro Tsu San Ki 363

To : Finance Minister

Subject : Application for Permission of Temporary Use of Designated Reparation Facillities

Regarding the subject stated above, Hiro Factory, Kawanami Kogyo Co. inc. has made an application for temporary use of a part of designated reparation facillities of former No. 11 Naval Aero-arsenal.
Our opinion in regard to this is as follows:

Sewing machine industry has been playing an important part among machinery industries after the end of war as peace-time industry and exportation industry. Hiro Factory, Kawanami Kogyo Co. inc. stated above, is the only factory of its kind in west of Chugoku Region with excellent technics. As a pertinent industry its operation need be encouraged even from the standpoint of rehabilitation of Kure City.

I propose that sufficient consideration be givem in favour of its permission since the machines they applied for temporary use are essential for the operation of the factory.

T. Ikutaka

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

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

Feb. 22 1950

Commendation

To: HIRO SEISAKUSHO KAWAMINAMI KOGYO K.K.

(HIRO PLANT, KAWAMINAMI INDUSTRY CO.LTD.)

As a manufacture of sewing machines for home use, you have been engaged in constant research of manufacturing techniquand workmanship, and I am now please to announce that your machine has proven to be satisfactory in every requirement, as tested in the 1949 contest of sewing machines made in Japan. Further, your ceaseless efforts in the past have been much appreciated and you are highly commended therefor.

Hayato Ikeda,

Minister of International
Trade and Industry.

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

APPLICATION FOR AUTHORIZED USE OF
REPARATION MACHINERY AND EQUIPMENT

April 10, 1950

To: Minister of Finance

From: President of Hiro Seisakusho, Kawaminami Kogyo K.K.
14580, Suehiro, Hiro-machi, Kure, Japan.

1. Name of Plant and Code No:

11th Naval Aeronautical Arsenal. Code No. 11-06

2. Location of Plant:

Hiro-machi, Kure, Japan.

3. Production:

Sewing Machine for Home Use.

4. Machinery and Equipment to be used:

46 machines as per list attached.

5. Necessity for Use:

MANUFACTURING AND INDUSTRY FILE 11-6(2) Sec. II

As peace and export industry, the sewing machine industry in Japan has the rosy future among the mechanical industries of the country. Being recognized as superior in quality and price in the world market, a great number of Japanese sewing machines is being exported to U.S.A. as well as other countries.

The machine is now regarded as one of the indispensable items in the daily life of the Japanese whose way of clothings has undergone the major change since the War's end, with the European styles mostly preferred. The machine is most fittingly utilized for side-job at home, which will assure us of its great demand in the future.

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

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

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

Submitted to F. Ministry
29 June 50

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

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

General description of program.

(1) Production: Sewing Machines for home use.

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

(3) " " " yen: ¥ 120,000,000

(4) Organization of plant:

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

(5) Facilities: About 180 machines

(6) Employees: About 320 employees

(7) Operating Funds: ¥ 10,000,000

It is respectfully requested that we should be authorized to use the subject machines as applied herein.

Signed Senji Iwamoto
General Manager, Hiro Seisakusho,
Kawaminami Kogyo K.K.

Attached List:

1 List of Machinery and Equipment to be used.

Attached Documents:

Recommendation from Mayor of Kure City, Governor of Hiroshima Prefecture, Director of Hiroshima International Trade and Industry Bureau, and Commendation from Minister of International Trade and Industry.

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)- 43	Sawing Machine	Max. Work Dimension 180 mm	1
" 69	Lathe-Gap	S.O.B. 400 mm Center Distance 890 mm	1
" 70	" -Engine	S.O.B. 360 mm Center Distance 1,130 mm	1
" 160	" "	S.O.B. 540 mm Center Distance 450 mm	1
" 186	Milling Machine Hori.-Knee Type	Table travel 700 x 250 x 250 mm	1
" 221	Drilling Machine- Vertical	Cap. Dia.x Depth 35 x 130 mm	1
" 222	"	Cap. Dia.x Depth 20 x 110 mm	1
" 232	Lathe-Bench-Gap	S.O.B. 250 mm Center Distance 500 mm	1
" 234	"	"	1
" 235	"	"	1
" 243	"	"	1
" 260	Milling Machine- Verti.-Knee type	Table travel 265 x 115 x 175 mm	1
" 262	Milling Machine- Hori.-Knee Type	Table travel 900 x 500 x 200 mm	1
" 264	"	"	1
" 300	Drilling Machine- Verti.	Spindle/Column max. Distance 500 mm	1

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

Inventory No.	Name of Machine	Brief Specification	Quantity
11-6(8)-300	Drilling Machine-Verti.	Spindle/Column Max. Distance 200 mm	1
" 493	Lathe-Turret-Ram Type	S.O.B. 400 mm Bed Length 930 mm	1
" 548	" -Engine	S.O.B. 320 mm Center Distance 500 mm	1
" 554	" "	"	1
" 571	" "	"	1
" 573	" "	"	1
" 590	Milling Machine-Universal Head	Table travel 550 x 250 x 300 mm	1
" 603	Drilling Machine-Vertical	Spindle/Column Max. Distance 200 mm	1
" 604	Drilling Machine-Multiple(2 Spindle)	Spindle Dia. 22mm Spindle Distance 255 mm	1
" 656	Grinder-Cyl.-Exter.	Swing 320 mm Center Distance 840 mm	1
" 663	" " -Inter.	S.O.B. 340 mm Wheel D.x W. 30 x 20 mm	1
" 666	" -Internal	S.O.B. 360 mm Table travel 300 mm	1
" 669	Milling Machine-Hori. Knee Type	Table travel 550 x 250 x 300 mm	1
" 690	Lathe-Turret-Ram	S.O.B. 450 mm Bed Length 1,200 mm	1
" 712	" -Engine	S.O.B. 340 mm Center Distance 600 mm	1
" 735	Milling Machine-Thread Miller	Table travel 200 x 180 mm	1
" 791	Milling Machine-Unit	Spindle travel 180 mm Over Arm travel 500 mm	1
" 793	"	"	1
" 810	Lathe-Single Purpose	S.O.B. 400 mm Bed Length 1,350 mm	1

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

Inventory No.	Name of Machine	Brief Specification	Quantity
11-6(8)-824	Lathe-Heavy Duty	S.O.B. 400 mm Bed Length 1,400 mm	1
" 867	Milling Machine-Vertic Universal-Knee Type	Table travel 700 x 350 x 330 mm	1
" 868	Milling Machine-Verti. Knee Type	Table travel 650 x 300 x 330 mm	1
" 877	Drilling Machine-Verti. Multiple(2 Spindle)	Cap. Dia.x Depth 20 x 300 mm	1
" 882	Milling Machine-Verti. Knee Type	Table travel 630 x 280 x 340 mm	1
" 884	"	Table travel 650 x 330 x 300 mm	1
" 888	Grinding Machine-Exter. Hydraulic	S.O.B. 320 mm Center Distance 650 mm	1
" 919	Slotter-Vertical	Ram Stroke 318 mm	1
" 921	Milling Machine-Verti. Knee Type	Table travel 630 x 280 x 340 mm	1
" 924	"	Table travel 650 x 330 x 300mm	1
" 960	Drilling Machine- Multiple	Spindle/Table Distance 300 mm	1
" 977	Milling Machine-Verti. Knee Type	Table travel 800 x 380 x 360 mm	1
" 1183	Lathe-Engine	S.O.B. 480 mm Center Distance 600 mm	1

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

Kure City Hall

KURS

Subject: Recommendation for Kawaminami's Authorized Use of Reparation Machines.

To : The Hon. H. Ikeda, Minister of Finance, Tokyo.

From : T. Suzuki, Mayor of Kure City.

25th March, 1950

Citizens of Kure, one of the former naval cities, have been and are exerting themselves to the utmost for the new start as a city of peace-time industry. Since the opening of the port as a trade port, there is something bright being prospected in the future.

As the Kure Naval Arsenal was the major workshop in Kure, the defeat gave a fatal blow to the citizens' livings. It was not able to compare with that of any other city. Though being a city of one hundred ninety thousand population, there are no resources to support and maintain the livings of those citizens. It is really a matter of grave concern to have such a large number of unemployeds. It is, therefore, most urgently necessary for us to promote stabilization of their livings, developing industries in Kure.

At the time as above-mentioned, it is more than a matter of rejoicing to have learned that the Hiro Workshops of Kawamina mi Industrial Co., Ltd. have had a plan for increasing production of sewing-machines. Sewing-machines produced in the said factory lately won the "Minister of Trade and Industry Prize" after long years of studying and improving. It's increasing production promission great poomises great posibilities in foreign trade.

We, hereby, ask your favorable consideration for their application for the Authorized use of reparation machines on occasion of the factory's expansion.

(Signed by)

TEDATE SUZUKI

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

SUBJECT: Recommendation for Kawaminami's Authorized Use of Reparation Machines.

TO: The Hon. H. Ikeda, Minister of Finance, Tokyo.

FROM: T. Kusunose, Governor of Hiroshima Prefecture.

27th, March, 1950

It has, indeed, a great significance for Hiroshima Prefecture that Hiro Workshops of Kawaminami Industrial Co., Ltd. are going to have a new factory for producing sewing-machines for family use. As for our prefecture, industrial rehabilitation is being rather slowly done in comparison with other prefectures. Especially Kure City is now called by a shameful name of "the Model City of Unemployed". Establishment of the new factory is the thing long desired by all of the prefectural people.

Sewing-machine production is a typical one of the peace-time industries, and it's prospect is very bright. It will make a great contribution to the local industrial circle. The Hiro Workshops are one of the leading workshops in Kure City, and their technics are highly estimated. There is a great posibility to be one of the leading makers in Japan in the nearest future in fact as well as in Name.

We should be much obliged to you, if you would be so kind as to make a special arrangement for the application for the authorized use of reparation machines to be able to commence the production as soon as possible.

(Signed by)

TSUNEI KUSUNOSE
Governor of Hiroshima Prefecture.

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

THE HIROSHIMA INTERNATIONAL TRADE & INDUSTRY BUREAU

15 March 1950

Sperial No.: 25 Hiro Tsu San Ki 363

To: Finance Minister

Subject: Application for Permission of Temporary Use of Designated Reparation Facilities.

Regarding the subject started abive, Hiro Factory, Kawaminami Kogyo Co. inc. has made an application for temporary use of a part of designated reparation facilities of former No. 11 Naval Aero-Arsenal.
Our opinion in regard to this as as follows:

Sewing machine industry has been playing an important part among machinery industries after the end of war as peace-time industry and exportation industry.
Hiro Factory Kawaminami Kogyo K.K. Co. stated above is the only factory of its kind in west of Chugoku Region with excellent technics.
As a pertinent industry its operation need be encouraged even from the standpoint of rehabilitation of Kure City.
I propose that sufficient consideration be given in favour of its permission since the machines they applied for temporary use are essential for the operation of the factory.

T. IKETAKA
.....
for Y. HARA,

Director, Hiroshima International Trade & Industry Bureau.

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

Feb. 22, 1950

Commendation

To: Hiro Seisakusho, Kawaminami Kogyo K.K.
(Hiro Plant, Kawaminami Industry Co., Ltd.)

As a manufacture of sewing machines for home use, you have been engaged in constant research of manufacturing technique and workmanship, and I am now please to announce that your machine has proven to be satisfactory in very requirement, as tested in the 1949 contest of sewing machine made in Japan. Further, your ceaseless efforts in the past have been much appreciated and you are highly commended therefor.

Hayato Ikeda,

Minister of International Trade & Industry.

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

CHUGOKU FINANCE BUREAU

SXM/th

KFL No. 0-100

19 June 1950

SUBJECT: Recommendation to Application for Authorized Use of Reparations Equipment - Kawaminami Kogyo K.K., Hiro

It is hereby recommended that the enclosed application by favorably cosidered for the Hiro Plant, Kawaminami Kogyo K.K. according to the following reasons.

1. The Hiro Plant of Kawaminami Kogyo K.K. was opened in 1945 in the former 11th. Naval Air Arsenal and is now one of the biggest manufacturing plants in Kure City. The plant was lately awarded a prize from the Minister of International Trade and Industry as one of the excellent sewing machine makers in Japan for those which was made tentatively in the Hiro Plant. It is expected that the company will greatly contribute to the the development of the local industry and further to the rehabilitation of the peace-time economy of Japan, if the manufacturing of sewing machines be approved by using the machines applied for Authorized Use.

2. The Kure City is one of the biggest unemployment cities in Japan. Many of the unemployed people here are excellent technical experts. It will be a best way in developing a peace-time industry like sewing machine manufacturing which is quite suitable for the commercial port Kure to relieve the unemployed technical experts.

3. It is more advantageous than to remove the applied machies to elsewhere that most of them can be operated in the present location in the present condition.

4. It is considered as almost impossible to obtain soon so many excellent machines as applied hereby from the non-reparations sources.

5. When the Authorized Use of the applied machines will be approved, the Government fund for the custody and maintennnce of the machines can be saved.

6. It is recommended that the company is capable of fully utilizing the machines.

7. The thirteen (13) machines out of the one hundred twenty-six (126) applied for the Authorized Use are duplicated in other applications as indicated in the following list. However it is recommended that all the 126 machines be considered in priority for the Hiro Plant, Kawaminami Kogyo K.K.

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

CHUGOKU FINANCE BUREAU

LIST OF MACHINES DUPLICATED IN APPLICATIONS

Inventory No.	Name of Machine	Priority for Approval of A.U. First	Second
11-6(8)- 69	Gap lathe	Kawaminami Kogyo	Hiroshima University
-234	Bench lathe	"	"
-235	Bench lathe	"	"
-262	Milling machine	"	Hiroshima Shipyard, west Japan Heavy Ind.
-264	Milling machine	"	"
-590	Milling machine	"	Hiroshima University
-666	Internal cyl. grinder	"	"
-669	Milling machine	"	"
-824	Heavy duty lathe	"	"
-960	Drilling machine	"	Nagasaki Shipyard, west Japan Heavy Ind.
11-6(9)-203	Drilling machine	"	Hiroshima University
-312	Drilling machine	"	"
-389	Gap lathe	"	"

Total : 13 machines duplicated

KATSUTOSHI YAMASHITA
Chief of Kure Reparations Branch,
Chugoku Finance Bureau

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

GOVERNMENT RAILWAY
HIROSHIMA RAILWAY DIVISION OFFICE

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

7 April 1950

TO : Minister of Finance

FROM : Kennosuke Tanaka,
Director of Hiroshima Railway Division.

ADDRESS: Ujina-machi,
Hiroshima City, Hiroshima Prefecture.

1. Name (Code No.) and location of the plant which is to use the designated reparation machinery and equipment.

NAME : Hiroshima Railway Workshop, Hiroshima Division Office

LOCATION: Yaga-machi, Hiroshima City Hiroshima Prefecture

2. Name (Code No.) and location of the plant of which designated reparation machinery and equipment to be used actually exist.

NAME : 11th Air Arsenal 11-6(9) ~~11-6(9) Inchelve~~

LOCATION: Hiro-machi, Kure City, Hiroshima Prefecture

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

Shown in attached sheet No.1

4. Necessity for movement and use of machinery.

Hiroshima Railway Workshop is engaging in the repair works of locomotives since 1943. However, as shown in attached sheet No.2, such machinery as applied this time is few in this shop and effecting to the shortage of production. In the circum-

11-6(9) St-2, II

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

GOVERNMENT RAILWAY
HIROSHIMA RAILWAY DIVISION OFFICE

stances, it is the urgent need to apply for the Authorized Use of the machinery and move the machinery located at the Hiro Branch Shop to the Hiroshima Main Shop.

For

K. Tanaka
.....
(K. Tanaka)
Director,
Hiroshima Railway Division

Attached document

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

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

GOVERNMENT RAILWAY
HIROSHIMA RAILWAY DIVISION OFFICE

APPROVAL OF THE APPLICATION

I will take all responsibility for custody of the designated reparation machinery which is shown on the application during the rent times.

T. Chiba

For .....
(K. Tanaka)
Director,
Hiroshima Railway Division.

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

GOVERNMENT RAILWAY
HIROSHIMA RAILWAY DIVISION OFFICE

Sheet No.1

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

CODE NO. : 11-6(9) ~~11-8(9) inclusive~~

NAME OF PLANT : 11th Air Arsenal

ADDRESS OF PLANT: Hiro-machi, Kure City, Hiroshima Prefecture

INV. No.	NAME OF MACHINERY	BRIEF SPECIFICATION	QUANTITY	CLASS	REMARKS
11-6(9) - 450	Tapping and threading machine	Max cutting dia 30mm	1	1	Motor missing
11-6(9) - 574	Horizontal boring machine	Boring bar 76mm	1	1	Motor missing and require repair
		Total	2		

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

GOVERNMENT RAILWAY
HIROSHIMA RAILWAY DIVISION OFFICE

List of the Existing Equipment in Hiroshima Railway Workshop such as Applied.

NAME	PRESENTATIVE QUANTITY	APPLIED QUANTITY	REMARKS
Screwing machine	3	1	
Horizontal boring machine	1	1	

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

HIROSHIMA FINANCE OFFICE

SYM/tb

KFL No. 0-59

18 April 1950

Subject: Recommendation to Application for Authorized Use of Reparations Equipment - Hiroshima National Railway Division

1. Hiroshima Railway Division of National Railways applied for the Authorized Use of reparations equipments belonging to 11th. Naval Aero Arsenal as per enclosure.

2. The Hiroshima Railway Division cannot attain its full efficiency in repairing state-owned railway-cars, as the equipment presently located within the jurisdication of the railway Division in very short in comparison with the demand.

3. It is accordingly recommended that the application be favorably considered because of the following reasons.

a. No rival applied for the use of the listed machines.

b. The plant will greatly contribute to the economical rehabilitation of Japan by securing the land transportation.

c. The operation of the plant is one of the state enterprise and Railway Division is considered to be able to operate the applied equipment is full extent.

KATSUTOSHI YAMASHITA
Chief of Kure Reparations Branch,
Hiroshima Finance Office

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

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

April 7th 1950.

To: Minister of Finance.

From: Ryoji Takahashi.

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

MANUFACTURING AND INDUSTRY FILE Machine Tools II

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

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

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

~~Former Kure Naval Arsenal~~ 11th Naval Aeronautical Arsenal (Code No. 11-~~6(10)~~ 06(10)) ~~Miyahara-dori~~ Hiro-machi, Kure, Hiroshima Prefecture.

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

Name	Quantity	Remarks
Grinder External Cylindrical 11-6(10)212	1	Need Motor Accuracy no good
Grinder External Cylindrical Plain 11-6(10)229	1	do

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

We wish to replace the overused some machines with them and to polish the small roll or the roll of sheet straightner because our machines have become worn out and inefficient due to heavy use for many years.

J. Watanabe Managing Director
for Ryoji Takahashi
President

Submitted to F. Ministry
27 June 50

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

List of Machinery and Equipment to be used

Name of Machine	Number
Grinder 11-6(10)212 External Cylindrical Swing 700mm Center/Centers 2400mm Table size 3700x350mm Table travel 2600mm Grinding Wheel size DxW 600x80mm Wheel Head Travel 300mm 1 M.D. 30 Hp 3Phs 220V 60Cy. 900RPM Spindle Motor 7.5Hp Oil Pump Motor ½Hp. Weight 23000 Maker: Niigata Tekko, Japan. 30Hp Motor, 7.5 Hp Motor, ½ Oil Pump Motor missing.	1
Grinder 11-6(10)229 External Cylindrical Plain Swing 800mm, Center/Center 3100mm Table Travel 3300mm Grinding Head Stroke 300mm Table size 4650x560mm Grinding Wheel size DxW 1200x140mm Work Head Speed 8 range 75------16.5 RPM Wheel Head Speed 2 range 960-----1200 RPM Work Head Motor 3 HP. Oil Pump Motor 2HP 1 M.D. A.C. 20Hp 3 Phs 220V 60Cy. 1200 RPM Weight 30,000 Maker: Dainihon Heiki Japan. 3Hp Motor, 2Hp Motor Small Parts Missing.	1

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

April 7th 1950

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

S. Watanabe Managing Director
for Ryoji Takahashi
President
Shinko Metal Industry Co., Ltd.

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

(Translation)

Feb. 27th, 1950

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

From: Ryoji Takahashi, President-Director, Shinko Metal Industry Co., Ltd.
3449 Toyoura, Shimonoseki, Yamaguchi Prefecture.

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

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

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

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

Equipment existing in Former Kure Naval Arsenal.

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

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

25 HORCTSUSAN NO 282

It is hereby certified that the above statement is true and correct. This application will be given to the KURE BRANCH, HIROSHIMA BUREAU, DEPARTMENT OF FINANCE, and is available to 31st March, 1950

1st March 1950.

Director

Hiroshima Bureau, Minister of Commerce and Industry.

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

Established 1876. Incorporated 1889.

TELEPHONE:
KYOBASHI(56)
2161—9

ISHIKAWAJIMA HEAVY INDUSTRIES CO., LTD.

(ISHIKAWAJIMA JUKOGYO KABUSHIKI KAISHA)
54, TSUKUDAJIMA, CHUO-KU,
TOKYO.

Approved 23 Jun 1951

APPLICATION FOR MOVEMENT AND AUTHORIZED USE OF DESIGNATED REPARATION MACHINERY

DATE: 28 March, 1950

To : Mr. Hayato Ikeda
Minister of Finance

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

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

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

(a) Name.
The 3rd Factory of Ishikawajima Heavy Industries Co., Ltd.
(Non-Reparation Factory)

(b) Location.
1, 2-chōme, Fukagawa-Toyosu, Kōtō-ku, Tokyo.

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

(a) Name (Code No.)
Former 11th Naval Aero-Arsenal
Code No.: 11-6

(b) Location.
Hiro-town, Kure-city, Hiroshima Pref.

Submitted to this Headquarters
on 27 June 1950

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

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

Inv. No.	Name of Machinery	Brief Specification	Quantity	Remarks
11-6(8) -1308	Engine Lathe	Swing over Bed 2,620 mm Swing over carriage 2,000 mm Distance center to center 4,000 mm Bed Length 8,450 mm	1	weight 28 T.
11-6(8) -1412	Engine Lathe	Swing over Bed 2.000 mm Swing over carriage 780 mm Distance center to center 8.700 mm Bed Length 15.480 mm	1	weight 75 T.

4) Necessity for movement and use of machinery.

Our company is famous as the main maker of marine steam turbine in Japanese industrial circles, and in the 5th ship-building program our company has received the orders for the 26 turbines which are 40% of the necessary turbines for the program besides ship-building (cf. attached List 1), and is busy at producing them.

But our company's equipments have a great defect that some greater machine tools are wanting, that is to say the unbalance of greater machine tools. At present our company has no means to correct the eccentric of gears because of the default of such a highly precise great engine lathe as is used for the finish cutting by lathe after cutting gears, therefore we are often obliged to deliver a turbine in spite of knowing its eccentric and that is often pointed out by the customer.

The applied machines are not only used for mending the above mentioned defect but also can be expected to give remarkable results in cutting efficiency when used as common engine lathes.

Moreover, in consideration of the trend of the ship-building circle our company is making its effort gradually toward the producing larger diesel engines, and is collecting the necessary machines for that purpose aimming at having the capacity to be able to produce three (3) 7000HP - 8000HP diesel engines in a year. The applied machines are necessary for the above mentioned purpose as the greater engine lathe to cut the crank.

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

However, scarcely we can obtain such excellent engine lathes as the applied ones from the civil and we cannot economically desire to buy such machines.

Fortunately the adequate machines are left unused in the former 11th Naval Aero-Arsenal.

This is the reason why we apply for the authorized move and use temporarily of them.

Katsuji Shimojima

Katsuji Shimojima
President and Director of
Ishikawajima Heavy Industries
Co., Ltd.

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

However, scarcely we can obtain such excellent engine lathes as the applied ones from the civil and we cannot economically desire to buy such machines.

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Katsuji Shimojima
President and Director of
Ishikawajima Heavy Industries
Co., Ltd.

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

List 1. Production Schedule of Marine turbines for the 5th Shipbuilding Program and the 2A Type Reconstruction

Horse power	Orderer (Shipyard)	Owner of ships	Name of ships	Scheduled month of completion									
				3	4	5	6	7	8	9	10	11	12
2,400HP	Fujinagata	Tokyo Kaiun	undecided			o							
"	Harima	Yamashita Kisen	Yamaseno Maru		o								
"	Ishikawajima	Mitsui Senpaku	Oesan Maru	o									
"	Uraga	Nippon Seitetsu	Hōei Maru	o									
"	Hitachi	O.S.K.	Taizui Maru		o								
"	Ishikawajima	N.Y.K.	Enkei Maru			o							
"	"	Taiyo Kogyo	undecided								o		
"	Harima	Kyoritsu Kisen	Tobata Maru					o					
"	Kasado	Miyaji Kisen	Shozan Maru				o						
"	Fujinagata	Inui Kisen	Kenkoku Maru					o					
"	Nihonkai Dock	Asahi Kaiun	Amazon Maru						o				
"	Harima	Shinnippon Kaiun	undecided							o			
2,600HP	Mitsui Tamano	Baba Kisen	Wayo Maru		o								
"	"	Matsuoka Kisen	undecided					o					
"	Tsurumi	Sugaya Kisen	"							o			
3,200HP	"	Kyoritsu Kisen	"		o								
3,600HP	Hitachi Innoshima	Iino Kaiun	"			o							
3,900HP	Kawanami	Okada Shosen	"					o					
4,000HP	Uraga	Yamashita Kisen	"				o						
"	Hitachi Innoshima	"	"					o					
4,500HP	Harima Kure	Shinnippon Kisen	Shinwa Maru			o							
"	Hitachi Innoshima	Sanko Kisen	undecided				o						
7,000HP	Harima	Nitto Shosen	"						o				
8,000HP	"	Terukuni Kaiun	"							o			
4,500HP	"	Iino Kaiun	Fujisan Maru						o				
"	Ishikawajima	In negotiation	undecided								o		
Total	26 Turbines												

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

Established 1876. Incorporated 1889.

TELEPHONE:
KYOBASHI(56)
2161—9

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

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

28 March, 1950

To : Mr. Hayato Ikeda
Minister of Finance

From : Katsuji Shimojima
President and Director of
Ishikawajima Heavy Industries Co., Ltd.

We hereby approve that in case when the designated reparation machines described in the attached application are permitted to be moved and used temporarily, we will of course strictly observe the regulations for the custody of the designated reparation machinery, furthermore, we will return the machines by the day you appoint whenever the machines are appointed to be taken out as reparation during the period we use them.

Katsuji Shimojima
Katsuji Shimojima
President and Director of
Ishikawajima Heavy Industries
Co., Ltd.

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

30 March, 1950

To : Mr. Hayato Ikeda
Minister of Finance

From : Reijiro Mimura
Director of Kanto Maritime Bureau

Subject: Recommendation of the application for an approval to move and use temporarily reparation machinery.

Applicant: Ishikawajima Heavy Industries Co., Ltd.

The above mentioned company are now applying for the approval to move and use temporarily the reparation machinery located in the former 11th Naval Aero Arsenal (11-6) which is under your ministry's management, as described in the attached written application.

The company is reputable as the main marine-turbine maker in the Japanese industrial circles, and having received the orders of so many turbines as are about the half of the necessary turbines for the recent newly built foreign ships and the 5th Ship Building Program, the company is now busy at producing those turbines.

But, sorry to say, we cannot help appointing its great defect in equipment, that is to say, some machine tools of greater types are very few in number or unefficient.

The applied machine tools not only will relieve that defect but also can be expected to make contribution to the company's producing efficiency.

Fortunately, at present the machine tools as described in the attached application are being left unused in the former 11th Naval Aero Arsenal, so we wish the company will be allowed to make the best use of the machine tools to be able to eliminate the existing bottle-neck in its production and able to realize the efficiently rational production.

It is our sincere desire, therefore, that your special consideration will be given to the application through your office.

for Reijiro Mimura J. Gohei
Director of Kanto Maritime Bureau

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

Application for Movement and Authorized Use of Designated Machinery and Equipment:

Osaka, 25th March 1950.

TO: The Minister of Finance.

FROM: The O.M. Spinning Machine Manufacturing Co., Ltd.
(Kabushiki Kaisha O.M. Boki Seisakusho)
Tomen Building,
Koraibashi 3 Chome, Higashi-ku, Osaka.

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

Izumo Factory of our company.
Shinji-cho, Yatsuka-gun, Shimane-Ken.

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

Yayoi-Shingai, Hiro Machi, Kure City.
No. 11 Air Arsenal, (Nishi Okawa Warehouse, (Hiro Kiki)
~~11-06 (8)~~, 11-06 (11).

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

Inventory No.	Name of Machinery	Brief Specification		Quantity	Remarks
11-6(2)-6	Hydraulic Centerless Grinding Machine	GW size DxT	400x150mm	1	Direct driven motor not attached
		RW " "	230x150 "		
		Cap.	10-130 "		
		Weight	1,300kgr.		
11-6(2)-19	Centerless Grinding Machine	GW size DxT	500x100mm	1	
		RW " "	270x100 "		
		Cap.	15-150 "		
		Weight	2,000kgr		
		Total		2	

4. Necessity for movement and use of machinery and equipment:

The equipment applied for is proposed to be utilized for the grinding of top rollers (accessories to spinning machines) after the approval of this application.
At present two Universal Grinding Machines are being used for the production of top rollers, but due to the machines being very inefficient and out-of-date, the production capacity is much lower than those of the other parts, thus causing unnecessary stoppages in our assembling lines.
Particularly as regard to our O.M.S-type Super High-Draft Ring

MANUFACTURING AND INDUSTRY FILE 11-6(2)

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

Frames which we have recently commenced the production for export purposes, require five rollers to each unit instead of three rollers required for the ordinary frame, and thus requiring as much as twice the quantity required for the ordinary frames for domestic purposes. This being the sole obstacle we have in the way of the production for the moment, and furthermore, due to such circumstance we have enormous difficulties in executing the overseas orders promptly. (See list)
In order to cope with the situation, the only way opened to us would be to replace our old Universal Grinding Machine with the most efficient Centerless Grinding Machines, and as the material of top roller is of cast iron, it would naturally be more advantageous to have the wider grinding surface in its finishing.
The equipment applied for has far wider grinding surface compared with the Universal Grinding machine, and furthermore the operation is very simple and its efficiency is said to be about seven times as much under the similar working condition.
However, the equipment applied for is not being made in our country yet, and is quite impossible for us to obtain the similar kind of equipment which is not being designated for reparation.

Enquiries received from overseas:

Mars International Inc.	New York		10,000	spindles
Ludwig Povel & Co.	Nordhon,	Germany	800	"
Spinnerei Zwirnerei Cosbach		"	400	"
Moser & Sohne	Stuttgart	"	6,000	"
Wienand & Sohne	Rheydt	"	10,000	"
H. Dantes & Filho	Bahia	Brazil	5,000	"
Irmaos Carbonell & Cia.	Sao Paulo	"	10,000	"
A. John Perera & Sons	Colombo	Ceylon	10,000	"
Hasaneine Brothers Ltd.	Karachi	Pakistan	10,000	"
Nishad Ltd.	"	"	10,000	"

K. Honda

Kikutaro Honda,
President.

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

Approval of the Applicant, concerning responsibility of custody for designated reparation machinery and equipment:

I hereby affirm that I will take entire responsibilities for the custody and maintenance of designated reparation equipment upon the authorization for the temporary use.

25th March 1950.

K. Honda

Kikutaro Honda,
President.
The O.M. Spinning Machine
Manufacturing Co., Ltd.
Tomen Building,
Koraibashi 3 Chome, Higashi-ku,
Osaka.

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

THE HIROSHIMA INTERNATIONAL TRADE & INDUSTRY BUREAU

4 April 1950

Serial No. : 25 Hiro Tsu San Ki 432

To : Finance Minister

Subject : Application for Temporary Use of Designated Reparation Facillities

The O. M. Spinning Machine Manufacturing Co. Ltd. has made an application for authorization of temporary use of a part of designated reparation facillities situated in former No. 11 Naval Aero-Arsenal.

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

The Izumo Factory, O. M. Spinning Machine Manufacturing Co. Ltd. has made a valuable contribution so far to the construction of spinning frames and to the repairing of war-damaged spinning machines since the end of war. The Super High Draft Spinning Frame of the company has created a big sensation lately in spinning circle. It's considered the most excellent of its kind and production on a large scale has become possible; constant increase of demands for them from abroad as well as at home is expected.

We affirm that two sets of centerless grinders which the company has applied for temporary authorization are the most essential in the manufacture of top rollers, accessories of spinning frame.

The courtesy of your granting authorization will be greatly appreciated.

Hara Yukio

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

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

Application for Movement and Authorized Use of Designated Machinery and Equipment:

Osaka, 25th March 1950.

To: The Minister of Finance.

FROM: The O.M. Spinning Machine Manufacturing Co., Ltd.
(Kabushiki Kaisha O.M. Boki Seisakusho)
Tomen Building,
Koraibashi 3 Chome, Higashi-ku, Osaka.

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

1. Name (Code No.) and location of plant which intends to use designated reparation machinery and equipment:

   Osaka Factory of our company.
   Shonai-cho, Toyono-gun, Osaka-Fu.

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

   Yayoi Shingai, Hiro Machi, Kure City.
   No. 11 Air Arsenal, (Nishi Okawa Warehouse. (Hiro Kiki)
   ~~11-06(8)~~, 11-06 (11).

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

Inventory No.	Name of Machinery	Brief Specification		Quantity	Remarks
11-6(11)-98	Crank Press	A)Pressure	50mt		Without Counter-shaft
		B)Dis.bet.Col.	430mm		
		C)Spd/Tab max dis.	360 "		
		D)Max work thick	4 "		
		E)Weight	2,000kg		
11-6(11)-99	"	A	15mt		"
		B	265mm		
		C	150 "		
		D	1 "		
		E	900kg		
11-6(11)-100	"	A	25mt		"
		B	320mm		
		C	255 "		
		D	1.5 "		
		E	1,500kg		
11-6(11)-101	"	A	20mt		"
		B	143mm		
		C	185 "		
		D	1.2 "		
		E	1,100kg		
11-6(11)-102	"	A	20mt		"
		B	300mm		
		C	280 "		

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

11-6(11)-102	Crank Press	D	1.2mm	
		E	1,100kg	
11-6(11)-103	"	A	10mt	"
		B	330mm	
		C	200 "	
		D	0.8 "	
		E	800kg	
11-6(11)-105	"	A	15mt	
		B	210mm	
		C	160 "	
		D	1.2 "	
		E	900kg	
11-6(11)-107	"	A	15mt	
		B	250mm	
		C	185 "	
		D	1.0 "	
		E	900kg	
11-6(11)-142	"	A	10mt	
		B	250mm	
		C	205 "	
		D	0.8 "	
		E	800kg	
11-6(11)-143	"	A	20mt	
		B	320mm	
		C	195 "	
		D	1.5 "	
		E	900kg	
11-6(11)-200	"	A	25mt	"
		B	315mm	
		C	175 "	
		D	1.8 "	
		E	900kg	
11-6(11)-201	"	A	30mt	"
		B	325mm	
		C	195 "	
		D	1.8 "	
		E	1,500kg	
11-6(11)-202	"	A	20mt	"
		B	300mm	
		C	200 "	
		D	1.5 "	
		E	900kg	
11-6(11)-203	"	A	25mt	"
		B	320mm	
		C	250 "	
		D	1.8 "	
		E	1,500kg	
11-6(11)-205	"	A	20mt	"
		B	345mm	
		C	220 "	
		D	1.5 "	
		E	1,200kg	
11-6(11)-254	"	A	25mt	"
		B	220mm	
		C	250 "	
		D	1.0 "	
		E	1,000kg	
			Total 16	

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

4. Necessity for movement and use of machinery and equipment:

The equipment applied for is proposed to be transferred and installed in our Osaka Factory at Shonai-cho, Toyono-gun, Osaka-Fu, and shall be utilized for punching and bending of the cradles- the most important accessories to the spinning machine-after the approval of this application.
At present our cradles are being manufacturued, under our supervision, in our sub-contracting factory, Hashimoto Seisakusho, at Tatsumi-cho, Nakagawachi-gun, Osaka-Fu.
Our O.M. S-type Super High Draft Ring Frames which we have commenced the production recently for export purposes, require four cradles to each unit instead of two for the ordinary frames. Due to the insufficient production of the cradles to match with the other accessories we are now forced to relunctantly decline certain amount of demands from the overseas markets for our Super High Draft frames.
The cradles are the accessories requiring most accurate and precise details, and the crank presses are quite indispensable for punching and bending processes, in fact there are no less than 90 different and most complicated processes to go through.
At present we have no other machinery or equipment to take its place, and moreover it is quite impossible to obtain the similar kind of equipment which is not being designated for reparation.

Enquiries received from overseas:

Mars International Inc.	New York	10,000	spindles
Ludwing Povel & Co.	Nordhon, Germany	800	"
Spinnerei Zwirnerei Gosbach	"	400	"
Moser & Sohne	Stuttgart "	6,000	"
Wienand & Sohn	Rheydt "	10,000	"
H. Dantes & Filho	Bahia Brazil	5,000	"
Irmaos Carbonell & Cia	Sao Paulo "	10,000	"
A. John Perera & Sons	Colombo Ceylon	10,000	"
Hasanein Brothers Ltd.	Karachi Parkistan	10,000	"
Nishad Ltd.	" "	10,000	"

K. Honda

Kikutaro Honda,
President.

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

Approval of the Applicant, concerning responsibility of custody for designated reparation machinery and equipment:

I hereby affirm that I will take entire responsibilities for the custody and maintenance of designated reparation equipment upon the authorization for the temporary use.

25th March 1950.

K. Honda

Kikutaro Honda,
President.
The O.M. Spinning Machine
Manufacturing Co., Ltd.
Tomen Building,
Koraibashi 3 Chome, Higashi-ku,
Osaka.

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

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

20th March 1950

TO: Minister of Finance

FROM: President of Nissin Kogyo Co. Ltd.

ADDRESS: Shinonome-cho 828, Hiroshima-City

1. Name and Location for the plant which intends to use designated reparation machinery and equipment:

Nissin Kogyo Co. Ltd.
Shinonome-cho 828, Hiroshima-City

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

Name: a. Kure Naval Arsenal .....Co. No. 11-5(7)
b. 11th Naval Aeronautical Arsenal
.....Co. No. 11-6(8)
11-6(9)
11-6(11)

Location:
a. Miyahara-dori, Kure-City
b. Hiro-machi, Kure-City

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

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

As attached list.

4. Necessity for movement and use of machinery and equipment:

After the war, for our nation the problem of food is most important, and specially about 40% of our food is depend upon the imported food and so we should make endeavour to promote the production of rice, barley and wheat and also to make wheat our favorite food which occupies about 50% of imported food. Under these circumstances, for thes four years our company have produced the rice and barley cleaning machines, barley pressing machines and Noodle('Udon') making machines and recently the last one is the main product of our company. Noodle is the favorite food of our nation and before the war about 90% of imported wheat was made as Noodle.

Therefore the excellency and the amount of production of Noodle making machines has a important relation with our food. But in our country, most of Noodle making machine makers are of small scal and specially in our Chugoku District are very few. So Noodle makers in our district are obliged to buy machines from far district, i.e. Kanto District and also recently the demand of Noodle is increasing day by day.

So the duty of our company is becoming very important and the improvement of our plant is most necessary. But under recent economical circumstances, the squirement of excellent machines that we want is very difficult.

Such being the ease, we ask your favour to give us a permission to remove and use the above-mentioned machinery.

Jitsutaro Kaneko

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

LIST OF FACILITIES FOR APPLICATION

Code NO. a 11 — 5(7)
b 11 — 6(8)
11 — 6(9)
11 — 6(11)

Name of plant a Kure Naval Arsenal
b 11th Naval Aeronautical Arsenal

Address of plant a Miyabara-dori, Kure-city
b Hiro-machi, Kure-city

Machinery

Inv.No.	Name of Machinery	Brief Specification	Quantity	Remarks	
11-5(7)-891	Grinder-External-Cylindrical Plain	Swing 320mm center/center 800mm Tab. travel 1,100mm Grainding head travel 630mm Table size L x W = 1,300 x 170mm	1	Oil pump Switch box ½HP. oil pump moter 2KW moter Small parts	Missing Damaged Missing Missing Missing
11-6(8)-1239	Drilling M/C - Radial-Verti.	Max Drill dia 30mm Depth 300mm Spindle/Column Max Dist.1,300mm Spindle/Bed Max Dist 1,550mm Spindle travel 1,000mm Vert. Arm travel 1,050mm	1	Moter 5HP. Moter 2HP. Small parts Feed system	Missing Missing Missing Damaged
11-6(8)-2246	Milling M/C -Knee-vertical Dial	Table Feed Longi. 750mm Cross 300mm Verti. 300mm Table size L x W = 1,170 x 320mm	1	Moter 5HP. Moter ½HP. Small parts	Missing Missing Missing
11-6(9)-260	Milling M/C -Knee-Horizontal-Universal	Tab. Longi. Feed 700mm Tab. Cross Feed 240mm Tab. Verti. Feed 470mm Spindle Tab. 420mm Table size 145 x 273mm	1	Belt Feed system	Missing Damaged
11-6(9)-332	Drilling M/C - Radial Plain	Max Drill Dia. 50mm Max Drill Depth 245mm Max Dist Spindle/Base 1,210mm Swing 2,160mm	1	Moter (3) V-blet Bevel gear Chain	Missing Missing Missing Missing
11-6(9)-268	Gear Hobber -single Spindle-Horiz.	Max Work Dia 508mm Max Work Width 406mm Max Cutting Pitch 4-8 Hobber Vert. Travel 290mm	1	Moter (2)-V-belt Arbor support (35) Change gear (39) Feed gears	Missing Missing Missing Missing Missing
11-6(9)-201	Lathe Engine -Standerd	S.O.B. 430mm S.O.C. 260mm Bed Length 2,400mm Dist. bet. center 1,100mm	1	Change gears Cover	Missing missing

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

Inv. No.	Name of Machinaery	Brief Specification	Quantity	Remarks	
11-6(9) -367	Lathe Engine- Standerd	S.O.B. 510mm S.O.C. 220mm Bed Length 2,100mm Dist. bet. centers 800mm	1	Motor Follow Rest Steady Rest (3)-V Belts (9) Change gears Small parts	Missing Missing Missing Missing Missing Missing
11-6(9) -365	Lathe- Engine- Standerd	S.O.B. 510mm S.O.C. 220mm Bed Length 2,100mm Dist. bet centers 800mm	1	Motor Follow Rest Steady Rest (6)-V Belts (8) Change gears Small parts	Missing Missing Missing Missing Missing Missing
11-6(9) -160	Slotter- Vertical	Max Stroke 300mm Work Tab. Dia 760mm Tab. Longi. Travel 460mm Tab. Cross Travel 100mm Max Dist. Column/Tool 610mm Max Dist. Tool/Tab. 780mm	1	Motor (8) V Belts Magnetic Switch Pulley Handle Cover	Missing Missing Missing Missing Missing Missing
11-6(9) -187	Drilling M/C - Sensitive Power Feed -Upright	Max Drill Dia. 35mm Max Drill Depth 235mm Max Dist. Spindle/Base Plate 1,410mm Max Dist. Spindle/Tab. 980mm Swing 670mm Tab. Dia. 670mm	1	Feed system Oil system	Damaged Damaged
11-6(9) -382	Drilling M/C - Sensitive Power Feed -Upright	Max Drill Dia. 50mm Max Drill Depth 290mm Max Dist. Spindle/Base Plate 975mm Swing 720mm Tab. Dia. 590mm	1	Motor (4)V-belts (5) Covers Pulley	Missing Missing Missing Missing
11-6(9) -131	Drilling M/C - Sensitive Power Feed -Upright	Max Drill Dia. 50mm Max Drill depth 290mm Max Dist Spindle/Base Plate 975mm Max Dist Spindle/Tab. 590mm Swing 720mm Tab. Dia. 590mm	1	Motor (3)V-belts (2) Pulley Cover Switch Small parts	Missing Missing Missing Missing Missing Missing
11-6(9) -269	Gear Hobber-single spindle- Horiz.	Max Work Dia. 760mm Max Work Width 300mm Max Cutting Pitch 1-6 Hobber Vert. Travel 200mm Tab. Dia. 420mm	1	Motor Oil Cover Pump Cover Switch (30) Change gears (55) Feed Gears (16) Hobber Spare gears	Missing Missing Missing Missing Missing Missing Miss.
11-6(9) -484	Slotter- Vertical	Max Stroke Longi. 300mm Dist. Tool/Tab. 380mm Tab. Dia. 760mm Tab. Longi. Travel 500mm Tab. Cross Travel 300mm Dist. Tool/Column 380mm	1	Motor 5HP. (4)V-belts Switch Pulley Control lever	Missing Missing Missing Missing Missing

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

Inv. No.	Name of Machinery	Brief Specification	Quantity	Remarks	
11-6(9) -490	Drilling H/C- Radial- Plain	Max Drill Dia. 50mm Max Drill Dep. 220mm Max Dist spindle/Base 1,505mm Swing 2,700mm	1	Lotot (3)V-Belts Pulley	Missing Missing Missing
11-6(9) -562	Lathe- Engine- Standard	S.O.B. 590 S.O.C. 390mm Bed. Length 2,480mm Dist. bet. center 1,200mm	1	Motor Steady Rest Follow Rest (2) Centers Change gears (4)V-belt Oil pump switches (2) Face Plates	Missing Missing Missing Missing Missing Missing Missing
11-6(9) -550	Grinding H/C - Surface- Horiz- Reciproca- thing Tab.	Tab. Longi.-Travel 800mm Tab. Cross Travel 150mm Wheel Head Vert. Travel 205mm Tab. size 445 x 135mm Grind Wheel Dia. 200mm Wid 1.5mm	1	Motor 1HP. Motor ½HP. Cool pump Oil thank Dresser (8) Switches Cover	Missing Missing Missing Missing Missing Missing Missing
11-6(9) -586	Milling H/C-Knee- Verti- Universal	Tab. Longi. Feed 865mm Tab. Cross Feed 240mm Tab. Vert. Feed 430mm Tab. Size 1,200 x 350mm	1	Motor 375KW (16) Gears (14)V-Belts Switch Motor 2HP. Motor ¼HP. Vice	Missing Missing Missing Missing Missing Missing Missing
11-6(9) -140	Lathe- Precision Screw Cutting	S.O.B. 445mm S.O.C. 245mm Bed Length 1,900mm Dist bet. centers 850mm	1	Motor 2HP. Chuck (2)V-belt Steady Rest Follow Rest (2) Centers Handle (2) Face Plates	Missing Missing Missing Missing Missing Missing Missing Missing
11-6(11) -61	Milling H/C-Bed- Vertical- Max-Type	Feed-Longi. 550mm cross 330mm Spindle Head Travel 200mm Tab. Size 300 x 1,000mm Work Table Size 300 x 700mm	1	(6)V-belts Oil pump (4) Change Gear Cutting Arbor	Missing Missing Missing Missing
11-6(11) -139	Grinder- External- Cylindrical -Hydraulic.	Swing 300mm Center/center 800mm Tab. Travel Longi. 850mm Cross 100mm Grinding Wheel D x T x 320 x 25mm	1	Motor 3Hp. " ½Hp. " 2HP. " 1/8HP. (6) Cover (4)V-belts Press Guaze Coupling Small parts	Missing Missing Missing Missing Missing Missing Missing Missing Missing

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

Inv.No.	Name of Machinery	Brief Specification	Quantity	Remarks	
11-6(11) -9	Milling M/C - Knee- Horizontal- Universal- Dial.	Feed Longi. 700mm Cross 300mm Vert. 450mm Tab. size 310 x 1,370mm Work Table size 310 x 960mm	1	Motor 5HP. (4)-Belt Oil-pump Switch	Missing Missing Missing Broken

Total 23

* M/C = Machine

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

March 1st, 1950.

To : Chief of Hiroshima Finance Office

From: Chief of Hiroshima Commerce Office

Recommendation for Application for Authouzed Use of
Reparation Equipment from Nissin Kogyo Co. ltd.

I think Nissin Kogyo Co. ltd in Shinonomecho, Hiroshima City will applicate for Authorized Use of Reparation Equipment----23 machines.

I recognize that this company is a excellent and promising factory of farm implement and food manufacturing machines in my jurisdiction and seriously needs, Authorized Use of Reparation Equipment.

I recommendate that you will help this company to be given a permission to use.

a Mino

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

ACKNOWLEGMENT

20th March 1950

I take the responsibility of custody for designated reparation machinery in attached list during my use.

Jitsutaro Kaneko

Jitsutaro Kaneko

President,

Nissin Kogyo Co. Ltd.

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

GOVERNMENT RAILWAY
HIROSHIMA RAILWAY DIVISION OFFICE

APPLICATION FOR MOVEMENT OF REPARATION MACHINERY
IN AUTHORIZED USE

17 March 1950

II-236 (3) 9-11

To : Minister of Finance

From : Director of Hiroshima Railway Division Office

Address: Ujina-machi, Hiroshima City, Hiroshima Prefecture.

1. Name (code no.) and location for the plant which intends to move and use disignated reparation machinery.

Name: Hiroshima Railway Workshop, Hiroshima Railway Division
Location: Yaga-machi, Hiroshima City, Hiroshima Prefecture.

2. Name (code no.) and location of the plant where designated reparation machineries to be moved and used actually exist.

Name: 11th Air Arsenal 11-6 (9)
(Present name:
Hiro Branch, Hiroshima Railway Workshop)
Location: Hiro-machi, Kure City, Hiroshima Prefecture.

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

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

GOVERNMENT RAILWAY
HIROSHIMA RAILWAY DIVISION OFFICE

Inventory No.	Name of Machinery	Brief specification	Class
11-6 (9) 525 U	Lathe	Swing 830 x Bed length 6.500	1
505 U	"	S 545 x B.l. 2.550	1
541 U	"	S 510 x B.l. 2.550	2
521 U	"	S 545 x B.l. 2.550	1
532 U	"	"	1
478 U	"	S 510 x B.l. 2.500	2
543 U	"	S 545 x B.l. 2.550	1
484 U	"	S 545 x B.l. 2.550	1
485 U	"	"	1
652 U	Universal tool grinding machine	Dia of stone 130 and its width 20	2
667 U	Turret lathe	Feed 420 B.l. 1.700	1
581 U	Vertical Shaper	Stroke 328	2
645 U	Radial drilling machine	Table size 2.380 x 900	1
~~585~~	~~Horizontal Milling machine~~	~~Table size 1.490 x 590~~	~~1~~

4. Necessity for movement of machinery.

a. Hiroshima Railway workshop is engaging in the repair works of locomotives from 1943.

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GOVERNMENT RAILWAY
HIROSHIMA RAILWAY DIVISION OFFICE

However machineries, which are installed at the shop now are not enough to use and besides most of them are old. To cover the shortage in the work we are obliged to be supplied equipments from other shops as we cannot renew all of them due to the money shortage.

b. In such circumstances it is the urgent need to remove the machineries indicated in the above list located at the Hiro Branch shop to the Hiroshima Main shop at Yaga-machi, Hiroshima City.

c. All the above machineries are in Authorized use as of 22 July 1947.

Kennosuke Tanaka
Kennosuke, Tanaka
Director,
Hiroshima Railway Division.

Attached:

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

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

GOVERNMENT RAILWAY
HIROSHIMA RAILWAY DIVISION OFFICE

APPROVAL OF THE APPLICANT

I will take all responsibility for custody of disig-nated reparation machineries which are shown on application during the rent time.

Kennosuke Tanaka
.....
Kennosuke, Tanaka
Director,
Hiroshima Railway Division.

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

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

Date 15 March 1950

To : Minister of Finance

From : Gunji Okabe
Managing Director of Sanyo Shipyard Co., Ltd.

No. 45, Kyobashi Sanchome, Higashiku, Osaka City

MANUFACTURE AND INDUSTRY FILE 11-6(8) Sec II

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

Taguma Plant of Sanyo Shipyard Co., Ltd.

No. 2517-1, Taguma-machi, Mitsugi-Gun, Hiroshima-Ken

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

Kure Naval Arsenal (11 - 5)
Miyahara-dori, Kure City, Hiroshima-Ken

11th Naval Air Arsenal (11 - 6)
Hiro-machi, Kure City, Hiroshima-Ken.

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

On Attached List

Submitted to F. Ministry
29 June 50

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

4) Necessity for movement and use of machinery and equipment

Since the fourth new shipbuilding, the field of ship of shipbuildings are turning into AB class ship building, according to the necessity of larger ships for the situation of world marine transportation and Japan's economical independent. Formely our plant had been middle class ship builder, but now we planned to build larger one and a class machine accessories for assist to economical independent with extend and renewed shipbuilding machineries.
In July 1949, we started to make and sale of Taniguchi's closed type steam winch and also Taniguchi's manhood type condensed pump, and we are succeeded on it.
Present production of accessory machineries are the parts of the fifth large type new ship and first A type wartime standard ship rebuilding. They need the accuracy as AB type classes.
To make above parts, we need high class and efficiencious machineries. However we have very old and unefficiencious machineries in hand and hard to newing all of them at present situation. We were looking for reasonable machines to fit to our wishes both in accuracy and efficiency.
Fortunately, former Arsenal has had just what we wished machineries shown in attached list as reparation machines.
Those machines are very hard to get present market in Japan, also it takes times if we makes similar machines at here.

Therefore we cordially wishes to give us permission to use reparation machineries which listed in attached list.
If you give us approval on it, we can make a class auxiliary machines and we can get order from foriegn countries and large ship of Japan. I know it will be greatly help to economical independent and export promotion.
We beg your heartly consideration on above matter and give us the permission of temporary use of reparation machines.

Signed S. Okabe
Gunji Okabe
Managind Director of Sanyo
Shipyard Co., Ltd.

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

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

APPROVAL OF THE APPLICANT

I will take all responsibility of custody of designated reparation machinery and equipment listed in this application, during the rented time.

Signed

Gunji Okabe
Managing Director of Sanyo
Shipyard Co., Ltd.

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

LIST OF FACILITIES FOR APPLICATION

Code No. : 11 - 5, 11 - 6

Name of Plant : Kure Naval Arsenal
11th Naval Air Arsenal

Address of Plant : Miyahara-dori, Kure City, Hiroshima-Ken
Hiro-machi, Kure City, Hiroshima-Ken

Inv. No.	Name of Machinery	Brief Specification	Quantity	Remarks
11-5(6)-1427	Slotter-Vertical	Length of stroke : 500 mm Table size dia. : 1000 mm Table travel : longi. 1300 mm cross 830 mm	1	3 HP motor missing Repairing fee : 57,000 ¥
" -3428	Locomotive Crane -Railroad-steam	Hoisting Cap. : 5 ton Gauge of truck : 1067 mm Height of lift : 5500 mm Evaporate power: 600 Kg/h	1	Partly broken Repairing fee : 10,000 ¥
" -558	Milling Machine	Table size : L X W =2100X400 mm Feed: longi. 960 mm cross 380 mm vert. 180 mm	1	15 HP motor, swith, cover, & handle missing Repairing fee : 27,000 ¥
11-6(8)-846	Lathe-Vertical	Swing over bed : 1080mm Saddle cross travel : 640 mm Cross rail vertical travel : 350 mm	1	20 HP motor, & partly missing Pulley broken Repairing fee : 40,000 ¥
" -721	Grinder-Internal	Swing over bed : 460 mm Table travel: 400 mm Head travel : 60 mm I.M.D. 2 HP	1	2, 1, 1/4 HP motor & partly broken Repairing fee : 28,000 ¥
" -641	Grinder-Cyl. -Internal	Swing over bed: 320 mm Travel cross : 70 mm Table travel : 150 mm	1	3 HP motor, cooling pipe, cover missing & partly broken Repairing fee : 25,000 ¥
" -2580	Drilling-Vertical	Dia. X depths 38X400 mm Swing : 660 mm Spindle : M.T. No. 5	1	5 HP motor, oil pump missing & partly broken Repairing fee : 10,000 ¥

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

LIST OF FACILITIES FOR APPLICATION (Con't)

Inv. No.	Name of Machinery	Brief Specification	Quantity	Remarks
11-6(8)-1891	Powered trucks crane-rail -manual	Cap. : 5 ton Tyed length of boom : 25 m Lift : 5.5 m Gauge of truck : 30 Kg/m	1	Partly broken Repairing fee : 4,000 ¥
" -241	Lathe-Bench -Gap	Swing over bed : 250 mm Swing over gap : 430 mm Center/center : 500 mm	1	1/2 motor missing Partly missing Repairing fee : 16,000 ¥
11-6(9)-395	Boring Machine -Horizontal	Table feed: longi. 1880 mm cross 830 mm Boring dia.: 90 mm Dist. spinde/tab. : 10 - 1035 mm	1	Handle, lever, cover, broken & partly missing Repairing fee : 5,000 ¥
" -396	-Ditto-	Table size : 1550X840 mm Boring dia.: 115 mm Dist. spindle/tab. : 60 - 770 mm	1	Handle, lever, cover broken & partly missing Repairing fee : 7,000 ¥
" -635	Shaper-Hori.	Max. stroke : 400 mm Table travel : cross 220 mm vert. 400 mm Table size : 380 X 355 mm	1	3 HP motor missing, V belt motor pulley broken Repairing fee : 10,000 ¥
" -397	Slotter-Vert.	Max. stroke: 600 mm Working table dia. : 1000 mm Table travel : longi. 1020 mm cross 820 mm	1	15, 2 HP motor missing swith broken Repairing fee : 40,000 ¥
" -283	Planer-Open	Work table size : 4730 X 730 mm	1	10 HP motor, tool reads, cross screw, feed gear, belt missing Repairing fee : 22,000¥

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

LIST OF FACILITIES FOR APPLICATION (Con't)

Inv. No.	Name of Machinery	Brief Specification	Quantity	Remarks
11-6(9)-374	Engine Lathe -Standard	Swing over bed: 300 mm Dist. between center : 550 mm	1	1/2 HP motor missing Change gear broken Repairing fee : 15,000 ¥
" -286	Gear-Hobber -single spindle -hori„ontal	Max. work dia. : 500 mm Max. work width : 100 mm Max. cutting pitch : M-10'	1	10 HP motor missing Partly broken Repairing fee : 24,000 ¥
" -37	Grinding machine -tool & cutter	Swing over table : 240 mm Dist.between center : 400 mm Table feed : longi. 380 mm cross 300 mm	1	Spindle,gear cover,handle missing Repairing fee : 4,000 ¥
" -93	Milling Machine -Knee-horiz.	Table travel: longi. 900 mm cross 914 mm vert 400 mm	1	7.5 HP motor missing Partly brok-en Repairing fee: 14,000¥
11-6(10)-273	Grinder-Cyl. -Inter.	Swing : 395 mm Max. grind cap. : Dia. X depth -140X220 mm	1	7.5 HP,2 HP, 1 HP, 1/2 HP motor missin-g & partly broken Repairing fee : 46,000 ¥

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

TRANSLATION

Chu zo No.194

10 April 1950

To : Chief of Hiroshima Finance Office

Subject: The permission of authorized use of reparation equipment.

Sanyo Zosen K.K. (Sanyo ship Building Co.,) which is under our management,requested to you the permission of authorized use of reparation machines which formerly belonged to Kure Naval Arsenal,11th Aeronautical Arsenal and Hikari Naval Arsenal. This shipbuilding Co.,has excellent technique in middle size ships building and repairing under our control. Now they are planning to make high class closed type steam winches and manhood type Condensed pumps. For succeeding their plans,we wish you to give them the permission to use the reparation machines which can Contribute to reconctruct Japanese economical field.

Chief of ship Department
Chugoku Maritime Bureau

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

CHUGOKU LIAISON AND COORDINATION OFFICE

CHL No. 81 (SMA) 14 March 1950

SUBJECT: Return of Reparations Machines from BCOF to Japanese Custodial Responsibility.

TO : Chief, Chugoku Civil Affairs Region.

Attached is a report on above subject submitted by the Chief of Kure Reparations Branch, Hiroshima Finance Office.

OSAMU ITAGAKI
Director
Chugoku Liaison and Coordination Office.

Inclosure: as indicated above.

11-6 (F) - Sec. IV
Inv. rcvds against WR

ECON 301

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

HIROSHIMA FINANCE BUREAU

KFL No. 0-29

SYM/th

13 March 1950

To : Chugoku Civil Affairs Region
Attn. Economic Section

Through: Chugoku Liaison and Coordination Office

Subject: Report on returned Custody of Reparations Machines from BCOF, Hiro

1. Reparations machines presently located in the former 14 Aust Wksp & PK Sqn, Hiro, Kure City were returned from G.E. 5(Wksp) Troop, BCOF Engr. Regt. to the Japanese custodial responsibility on 10 January 1950.

2. The code Nos., names and locations of the returned machines are as indicated in the enclosed list.

3. All the returned machines will be custodied in the responsibility of the Kure Reparations Branch, Hiroshima Finance Office except those with identification No. F-1444, F-1445, F-1450, F-1451 and F-1452 which are under the charge of State Property Branch of the same office as these are released to the Japanese Government by letter Serial No. HMGT 386.3 dated 12 February 1948, subject "Release of Reparations Equipment to Japanese Government".

4. The above for your information.

K. Yamashita

KATSUTOSHI YAMASHITA
Chief of Kure Reparations Branch,
Hiroshima Finance Office

Enclosure:
List of returned equipment from BCOF, Hiro

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

COPY

TRANSFER OF REPARATIONS EQUIPMENT

AREA 1/2 F

Reparation No.	Description	Bldg No.	Remarks
11-6(8)-1193	Transformer, 100KVA	4	
-1630 ✓	Diesel alternator set, comprising- Engine, diesel, 3 cyl., vert, 90 HP, Alternator, 60 KVA, 200V, 60 cycles, 450 RPM Compressor, single cylinder 700 R/M Engine, diesel, VANMAR, horizontal, Cylinders, compressed air, storage, (2)	9	
-2025 ✓	Pump Washington, reciprocating	9	
-2041 ✓	Pump Washington, reciprocating	9	
-2143 ✓	Boiler Lancashire, 70 HP, BCOF 750	9	
-2144 ✓	Winch, 500 KG, hand	9	Adjacent
-2146 ✓	Oil storage tank, 7,500 Gal	9	"
-2147 ✓	Oil storage tank, 7,500 Gal	9	"
-2148 ✓	Electric motor, 7.5 HP	46	1 on pump set
-2152 ✓	Electric motor, 7.5 HP	9	1 on blower (laundry)
-2154 ✓	Transformer, 100 KVA	9	
-2155 ✓	Transformer, 100 KVA	9	
-2156 ✓	Transformer, 100 KVA	9	
-2160 ✓	Transformer, 100 KVA	19	
-2161 ✓	Pump, Washington, reciprocating	9	

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Reparation No.	Description	Bldg. No.	Remarks
11-6(8)-2096	Oil storage tank, 330,000 gal w/pipes to wharf.	Area,	
-2162 ✓	Transformer, 50 KVA	4	
-2166 ✓	Crane, Gantry, 30 ton, and 5ton	4	
-2168 ✓	Boiler, Lancashire, 180 HP BCOF 758	9	
-2172 ✓	Transformer, 100 KVA	4	
-2173 ✓	Transformer, 100 KVA	4	
11-6(207)-1	Oxygen generating plant	26	
-2	Oxygen generating plant	26	
-3	Transformer, 30 KVA	27	
-4	Transformer, 30 KVA	27	
-5	Transformer, 30 KVA	27	
F 1444	Transformer, 5000 KVA, 22000/2000V	61	No. 1 Sub Station
F 1445	Transformer, 5000 KVA, 22000/2000V	61	
F 1450	Transformer, 50 KVA	61	
F 1451	Transformer, 50 KVA	61	
F 1452	Transformer, 50 KVA	61	
11-6(17)-41	Transformer, 10 KVA	61	
-42	Transformer, 10 KVA	61	
-50 to 59	Oil circuit breakers, 3 phase, 3.45 KVA	61	
-63	Switchboard, H/T. 12 panel	61	
-64	Switchboard, L/T, 4 panel	61	
-81	Transformer, 10 KVA	61	
-82	Switchboard, L/T, with rectifier	61	

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Reparation No.	Description	Bldg No.	Remarks
11-6(8)-1412	Rotary convertor	35 A	
-1764	Alternator, 250 KVA	35 A	
-1765	Motor Generator, 225 HP	35 A	
-1893	Wharf Crane, 30 ton	35 A	
-2421	Transformer, 50 KVA, 2200/210-105V	35 A	
-2422	" " "	35 A	
-2423	" " "	35 A	
-2426	" 15 KVA, 2200/210-105V	35 A	
-2787	Switchboard 2 panel	35 A	
-2788	" "	35 A	
-2072	Steam alteranator engins (twin)	35 A	

Custody accepted by :.....
CHUGOKU KOSAN.

Handed over by : .....
GE 5 (WORKS) Capt.
GE 5. (WORKS) TROOP.
BCOF. ENGR. REGT.

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

APPLICATION FOR AUTHORIZED USE OF
REPARATION MACHINERY AND EQUIPMENT
(T.O. approved already)

TO: Minister of Finance Date: March 13, 1950

FROM: President of Hiro Seisakusho, Kawaminami Kogyo K.K.

Address: 14580, Hiro-machi, Kure, Japan.

1) Name of Plant and Code No.:

11th Naval Aeronautical Arsenal (11-06)

2) Location of Plant:

Hiro-machi, Kure, Japan

3) Production:

a) Generator driven by Steam Turbine

b) Pumps driven by Steam Turbine

c) Blower driven by Steam Turbine

d) Worthington Pump

e) Air Pump

f) Feed Pump and Blower driven by Steam Engine

g) Generator driven by Steam Engine

h) Windlass

i) Winch

j) Refrigerator

4) Machinery and Equipment to be used:

These are listed as per attached.

5)

E.225 (F) 7-11

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

5) Necessity for Use:

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. Now we are among a severel number of the best makers of higher efficiency auxiliary engines in Japan and busy to meet a great number of orders. The equipments and tools of which we have applicated for use to receive your approval are absolutely necessary. I should be very grateful indeed, if you would be kind enough to approve them.

Very truly youre,

Kawaminami Kogyo K.K. Hiro Seisakusho

Senji Iwamoto

(Signed by the President)

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, Japan

1. Implement

Name of Implement		Brief Specification		Quantity	Remarks Page	Item No.
					Evaluation work sheet	
Emery wheels	○ (25)	DxTxHole	340x50x20 mm	125	249	44
	○ (40)	"	340x50x32 mm			
	○ (20)	"	340x32x38 mm			
	○ (40)	"	300x40x26 mm			
Lamp Shadows	○ (2)	Dia.	16 inches	3	249	45
	○ (1)	"	12 inches			
Leveling Plates	○ (2)	LxWxH	2x1.2x0.25 M.	6	249	46
	○ (1)	"	2.87x1.22x0.2 M.			
	○ (1)	"	2x1x0.15 M.			
	○ (2)	"	2.05x1.05x0.29 M.			
Calipers	○ (3)	Internal Gauges	L. 150-300 mm	5	257	33
	○ (2)	External Gauges	L. 150-300 mm			
Foundry Tool	○ (20)	Moulding Spatola	Cap. 6 inches	296	257	35
	○ (124)	"	" 17 inches			
	○ (16)	Moulding Spoon	" 40-135 mm			
	○ (28)	Moulding trevel	40-135 mm			
	○ (16)	Moulding Pick	6 inches			
	○ (32)	Moulding Botton Pick	6 inches			
	○ (20)	Moulding Form Pick	WxH 30x50 mm			
	○ (16)	Ear Pick	Cap. 13 inches			
	○ (24)	Flange Vake	10 inches			
Spanners	○ (10)	Single	Cap. $\frac{1}{2}$-$\frac{5}{8}$ inches	20	257	36
	○ (10)	Double	Cap. $\frac{1}{2}$-$\frac{5}{8}$ inches			
Nail Pullers	○	L. 250 mm		24	257	37
Hammers	○	Weight 1 lbs.		8	257	38
Grinding Stones	○ (5)	TxWxHole	340x32x38 mm	10	258	40
	○ (5)	"	300x25x38 mm			
Carpenters Tool	○ (1)	Tennon Chesser		30	259	47
	○ (5)	Double Plane	L. $1\frac{3}{4}$ inches			
	○ (2)	Groove Plane	L. 16.5 m.m.			
	○ (1)	Special Chaser	L. 26.4 m.m.			
	○ (21)	Plane "	L. 13.2 ~ 82.5 m.m.			
Penches	○ (13)	L. 18 inches.		13	258	44

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

Evaluation work sheet

Name of Implement		Brief Specification	Quantity	Reporting Page	Item No.
Level commons	○	L. 18 inches	2	259	50
Grinding wheels	✓	DxTxHole 125x20x12 mm	10	259	51
Twist Drills	○ (10)	D. 3.0-3.9 mm	20	259	52
	○ (10)	D. 4.0-6.9 mm			
Callipers	○ (6)	Inside L. 150-300 mm	20	285	101
	✓ (14)	Outside L. 150-300 mm			
Sockets	○	L. 150 mm Taper M.T. 2 - 3	16	285	103
Vices	✓	Jaw Width 200 mm	2	285	104
Spanners	○	Cap. 1⅞ inches	8	285	105
Cutters	✓ (25)	End Mill Dia 20-22 mm	100	285	109
	✓ (30)	Side Cutter " 60-150 mm			
	✓ (30)	Bar Cutter " 13-15 mm			
	✓ (15)	Gear Cutter M.P. 25/20 Pressure Angle 20°			
Twist Drills	✓	Dia. 1.3-24 mm	120	286	111
Grinding Wheels	✓	DxTxHole 10x10x6 mm~~ 330x40x128 mm	350	286	113
Gauge	○ (2)	Plate 8 inches	8	286	114
	○ (2)	" 202-288 mm			
	○ (2)	Bar 202-288 mm			
	○ (2)	Standard 35 mm			
Lamp Shade	✓	Dia. 250mm - 300 mm	20	287	115
Levelling Plate	○ (2)	LxWxH 120x800x60 mm	3	287	116
	○ (1)	" 600x450x130 mm			
Spray Gun	○		2	287	119
Vice Box	○	Jaw Width 3 inches	10	287	120
Micrometter- Outside	○ (4)	0- 25 mm	10	288	126
	○ (2)	25- 50mm			
	○ (1)	50- 75 mm			
	○ (2)	75-100 mm			
	○ (1)	125-150 mm			
Vernier	○	Cap. 300 mm	1	288	128
Tap	✓ (70)	Hand Tap DxP 10x1.5 mm	120	288	129
	○ (10)	Machine Tap			
	○ (40)	Hand Tap $\frac{5}{64}$ - $\frac{5}{16}$ inches			

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

Name of Implement		Brief Specification			Quantity	Page	Remarks Evaluation work sheet Item No.
Reamer-Machine		Dia.	11.0 - 21.0 mm		30	288	130
Emery Wheels	(13)	Oil Stone	LxW	4x1 inches	55	289	132
	(4)	"	"	4x2 inches			
	(4)	Round	Dia.	100 mm			
	(6)	Semi Round	"	150 mm			
	(9)	Square	LxW	100x100 mm			
	(16)	"	"	20x100 mm			
	(3)	Triangle	L.	150 mm			
Gauge	(3)	Plate Gauge	WxL	2x5 inches	9	289	133
	(5)	"	"	6x9.8 inches			
	(1)	"	"	23x62 inches			
Twist Drill	(100)	Twist Drill	Dia.	0.5 - 30 mm	110	289	135
	(10)	Center Drill	"	2 - 3 mm			
Die	(10)	Round			20	289	136
	(10)	Square					
Inside Caliper		L. 6 inches			5	290	140
Steel Scale		L. 300 mm			2	290	141
Dial Indicator		Precision		1/100 mm	3	290	143
Caliper	(46)	Inside	L.	150 - 250 mm	80	320	128
	(34)	Outside	L.	150 - 250 mm			
Spanner	(20)	Single	W.	$\frac{1}{2}$ - 1 inches	40	320	129
	(11)	Double	W.	$\frac{1}{2}$ - 1 inches			
	(9)	Rye	W.	$\frac{1}{2}$ - 1 inches			
Chisel	(5)	Plain	L.	150 - 200 mm	25	320	131
	(20)	Cap	L.	150 - 200 mm			
Scraper	(80)		L.	200 mm	100	320	132
	(20)		L.	350 mm			
Cutter	(4)	Side Cutter	DxTxHole	150x120x1$\frac{1}{4}$"	56	320	134
	(20)	End Mill	Dia.	16 - 38 mm			
	(1)	Involute Cutter	Dia.	30 - 100 mm			
	(21)	Bar Cutter	Dia.	15 - 28 mm			
	(10)	Hob Cutter	M.P.	25/20 Pressure Angle 20°			
Drill	(100)	Dia.		5.5 - 9.5 mm	150	321	135
	(14)	"		13 -15 mm			
	(16)	"		25 -26 mm			
	(10)	"		34 -40 mm			
	(10)	"		$\frac{1}{2}$ inches			

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

Name of Implement		Brief Specification			Quantity	Page	Remarks Evaluation work sheet Item No.
Grinding Wheel	(30)	DxWxHole	250x20x50	mm	105	321	137
	(10)	"	300x40x38	mm			
	(30)	"	300x40x26	mm			
	(10)	"	200x20x19	mm			
	(25)	"	160x20x56	mm			
Gauge	(2)	Plate W.	31	mm	30	321	138
	(6)	Bar L.	210 - 341	mm			
	(6)	C Type W.	250 - 260	mm			
	(2)	Standard W.	10 - 25	mm			
	(2)	" W.	6 - 9	mm			
	(2)	" W.	17 - 20	mm			
	(8)	" W.	25 - 27	mm			
			30 - 35	mm			
Socket		Length	150	mm	35	321	139
Lamp Shadow		Dia.	16 inches		6	321	140
Leveling Plate	(2)	LxWxH	1500x1000x130	mm	6	321	141
	(1)	"	4000x2500x300	mm			
	(1)	"	1830x920 x217	mm			
	(1)	"	2000x600 x120	mm			
	(1)	"	460 x300 x 80	mm			
Drill	(2)	Hand Drill	20 inches		4	322	142
	(1)	Electric Drill	½ HP. 220 V				
	(1)	"	¼ HP. 220 V				
Plate Scissor	(2)	Straight	10 inches		10	322	146
	(8)	Bend	10 inches				
Hasler Tacho Meter		Capacity	10,000 r.p.m.		1	322	147
Combination Set					1	322	148
Shore Hardness Tester					1	322	149
Tooth Gauge					1	322	150
Orthotest					1	323	151
(1 set) Micro Depth Gauge					1	323	152
Micrometer	(5)	Outside	0- 25	mm	17	323	153
	(5)	"	25- 50	mm			
	(1)	"	50- 75	mm			
	(1)	"	75-100	mm			
	(1)	"	100-125	mm			
	(1)	"	125-150	mm			
	(1)	"	150-175	mm			

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Name of Implement		Brief Specification		Quantity	Page	Item No.	Remarks Evaluation work sheet
Micrometer	(1)	Inside	50-300 mm				
	(1)	"	88-100 mm				
	(1)	"	125-150 mm				
	(1)	"	175-200 mm				
Dial Indicator		Precision	1/100 mm	5	323	154	
Caliper Gauge	(2)	Iron & Brass	150 mm	3	323	155	
	(1)	"	300 mm				
Inside Measuring Apparatus	(1)		4- 6 mm	3	323	156	
	(1)		6-16 mm				
	(1)	Iron	10-18 mm				
Oil Stone	(5)		2-4 inches	65	324	158	
	(4)		2-3 inches				
	(15)		1-3 inches				
	(4)	Round	Length 100 mm				
	(6)	Semi " Round	L. 150 mm				
	(9)	"	L. 100 mm				
	(4)	Square	10x100 mm				
	(14)	"	20x100 mm				
	(4)	Triangle	L. 150 mm				
Tap	(90)	Hand Tap	Dia. $\frac{1}{4}$ - $\frac{3}{8}$ inches	140	324	159	
	(48)	Machine Tap	Dia. $\frac{3}{8}$ - $\frac{9}{8}$ inches				
	(2)	Gas Tap	Dia. $\frac{1}{8}$ - $\frac{1}{4}$ inches				
Sine Bar		Angle	20° Length 100 mm	1	324	160	
Hand Tap		DxP	31 x 7 ----- 23 x 9 mm	8	324	161	
Die Head		Dia.	$\frac{1}{2}$ inches	2	324	164	
Reamer		Dia.	4 - 40 mm	24	324	165	
Gear Hob		Module	6 mm	2	325	166	
Twist Drill	(10)	Dia.	0.5 - 1 mm	170	325	168	
	(28)	"	1.2 - 1.8 mm				
	(60)	"	3.0 - 3.9 mm				
	(5)	"	7.0 - 10.0 mm				
	(4)	"	10.5 - 15.0 mm				
	(3)	"	16.0 - 20.0 mm				
	(5)	"	9 mm				
	(1)	"	9.5 mm				
	(54)	"	4.0 - 6.9 mm				
Round Dies		Dia.	13 - 15 mm	110	325	169	

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Name of Implement	Brief Specification	Quantity	Evaluation work sheet Page	Remarks Item No.
Chaser	○ (6) $\frac{1}{8}$ inches ○ (4) $\frac{1}{4}$ inches ✓ (5) 1 inches	15	32	171
Grinding Wheel	Dia.x W.x Hole 150x10x36 mm	15	326	172
Steel Scale	Length 300 mm	5	326	173
Stamp Dies	○ (1) English Letter	7	326	174
	○ (2) Number 2 mm			
	○ (2) " 5 mm			
	○ (1) " 6 mm			
	○ (1) "			

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APPLICATION FOR AUTHORIZED USE OF
REPARATION MACHINARY AND EQUIPMENT
(T.O. Approved already)

Date: 13 march, 1950.

To: Minister of Finance

FROM: President of Nomi Branch Shop of Toyo Boseki K.K.
Address 902 Okimi, Ogaki-machi, Saeki-gun, Hiroshima-ken

(1) Name of Plant and Code No.:

Name of Plant: Nomi plant of former 11th Naval Air Arsenal.
Code No: 11-6 (10).

(2) Location of plant:

902, Okimi, Ogaki-machi, Saeki-gun, Hiroshima-ken.

(3) Production: Cotton spinning machine parts.

(4) Machinery and Equipment to be used:

As attached List.

(5) Necessity for Use:

It is necessity to produce the cotton spinning machine parts.

Signed by the President.

Signed: K. Nakamura
KOKICHI NAKAMURA

Maneger of Nomi Plant
Toyo cotton spinning K.K.

Attached List

List of Machinery and Equipment to be Used.

9-11 Sec II

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

LIST OF MACHINERY AND EQUIPMENT TO BE USED
(T.O. Approved already)

Code No.: 11-5 (10)

Name of plant: Nomi plant of former 11th Navy Air Arsenal.
(Nomi Branch Shop of Toyo Koseki K. K.)

Address of plant: No. 902, Okimi, Ogaki-machi, Saeki-gun,
Hiroshima-Ken.

1. Supplies

Inv. No.	Name of Supplies	Brief Specifications	Quantity	Remarks
	Drill-Twist	Taper shank		
		6.6-11.0	15	Report on evaluation of Arsenals: Sheet 57 Item 87.
		11.7-16.5	28	
		17.0-22.5	22	
		24.5-28.5	13	
		31.0-37.0	24	
	Milling cutter	Side	19	Sheet 57 Item 90.
		Angular	13	
	Total		134	

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To: Minister of Finance.

From: Director, Hiroshima International Trade and Industry Bureau.

Subject: Recommendation for Toyo Catton spining K.K. Nomi Plant.

Date: 13 March, 1950.

The Nomi Plant, Toyo Catton spining K.K. has been engaged in munufacturing machine parts for spining according to the restoration plan of spining industry of the company and is one of the beat plants with special techniques.

It is recommended that the tools listed in the application of the plant are essential to the operation of the plant and the application will be favorably considered.

Signed: H. Ibayashi
for
Director, Hiroshima Interantional
Trade and Industry Bureau

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

MANUFACTURING AND INDUSTRY
FILE 11-6(8)

Dec 47

YUTANI HEAVY INDUSTRIES Ltd.

Submitted to F. Ministry
27 June 1950

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

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

7 March 1950

To : Minister of Finance

From: Manager of Mitsui Heavy Industries, Ltd.
Hiroshima Gion Plant
Address: No. 550 O-aza Minami-Shimoyasu, Gion-Cho, Asa-Gun,
Hiroshima-Prefecture

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

Mitsui Heavy Industries, Ltd.
Hiroshima Gion Plant
Address: No. 550, O-aza Minami-Shimoyasu, Gion-Cho, Asa-Gun,
Hiroshima Prefecture

(2) Name (Code No.) and location of the plant where designated reparation machinery and equipment to be use actually exist:

Former Kure Naval Arsenal, 11-5(7, 16)
Address: Miyahara-Dori, Kure

Former 11th Naval Aeronautical Arsenal; 11-6(8, 9, 10, 11)
Address: Hiro-Cho, Kure

Former 11th Naval Aeronautical Arsenal Laboratory 11-8(9)
Address: Hiro-Cho, Kure

(3) List designated reparation machinery and equipment to be moved and used:

Refer to attached table.

(4) Necessity for movement and use of machinery and equipment:

(A)Deck machineries department
The company was founded February 1917. Hiroshima Gion Plant was established February 1940. Ever since the establishment, we have been engaged in the manufacture of steam and electric windlass, winch, steam and electric capstan, whale winch, boat winch, steering engine, ash hoist, etc. We are the foremost specialized manufacture of deck machineries in the country. As a correlated plant of government organs, such as Transportation ministry and Maritime Board, our productions dominate approximately 30% of the total production of the country and our products have well established reputation in this field.
Our products have been delivered to first-class ship yards, as Nagasaki Shipyard and Engine Works of West Japan Heavy Industries, Ltd., Mitsui Ship building Co., and other various ship building companies in the country. The deck machineries for export ships constructed during the year 1949, such as Norway ships (constructed at Harima Dockyard, Hitachi Ship building Co., Uraga Dock Co.) and Philippine ships (constructed at Nagasaki Shipyard and Engine Works) were practically all manufactured at our plant. Besides, at present,

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the Fifth Domestic Ships are under construction at various shipyard and we are manufactureing the deck machineries to be equipped on these ships, and the circumstances are that there will be additional orders for such machineries.
On the other hand, owing to imperfection of our production equipments, the processing capacity relative to the forging and casting capacity is exceedingly inadequate. Futhermore, our plant is lacking in the necessary special machine tools for the processing of machinery parts. At present, precision improvement and lowering of production cost are demanded, but our worn-out machine tool equipments lowers efficiency and consumes unnecessary labour and time. Up to date, in the manufacture of excellent products, where the parts require the parts require high degree precission or where the processing require special treatment, it is inevitable that we rely on sub-contractors for such work. Consequently, we desire precision machine tools to complement our defects of delivery, capability and high cost resulting from unbalanced production capacity and inadequate machine tools, thereby improve our production capacity and manufacture superior products. We wish, therefore, to install the reparations machinery concerned at our plant and overcome the aforementioned production bottlenecks.

(B) Engineering implements department
At present, we are fulfilling orders of Construction Ministry for 90H.P. diesel shovel, 90H.P. drag line, 40H.P. ladder excavator, 40H.P. tower excavator, etc. These implements require higher precision standard than deck machineries, and also large type special machine tools become necessary. The sub-contractors equipped with such special machine tool equipments are very few; therefore, we find difficulty in the selection of a competent sub-contractor. The quality of processing standard has a bearing upon the capability of the product in the same manner as deck machineries. The criticisms of domestic engineering implements being inferior to foreign make is because of the difficulty of procuring high grade materials and the low percision of processing equipments. In order to manufacture products as equally good as that of foreign products, we wish to recieve the reparations machinery and equipment as for application.

Signed [signature]
Manager

Attached documents:

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

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ACKNOWLEDGEMENT

During the authorized use of reparations machinery and equipment listed on the attached application, we hold full responsibility in the custody and mainteance as per instruction.

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YUTAKA HEAVY INDUSTRIES, LTD.

LIST DESIGNATION REQUARATION MACHINERY AND EQUIPMENT TO BE MOVED AND USED

INV.NO.	NAME OF MACHINERY	BRIEF SPECIFICATION	QUTITY	REMARKS
11-06(8)-162	Horiz. Milling M/C	Tab.Trav.LxCxV=880x260x320mm Tab.Size LxW =1,600x300mm, 5 H.P.	1	5 H.P.Motor, Small Parts missing
" 242	"	Tab.Trav.LxCxV=580x300x400mm Tab.Size LxW =1,325x305mm, 5 H.P.	1	"
" 8h1	Lathe	S.O.B.500mm, S.O.C.280mm, c/c 1,170mm Bed L. 2,440mm. 5 H.P.	1	Motor, Small parts missing
" ~~227~~ 671	Bevel Gear Cutting M/C	Cap.Dia.x Face x M.P.=450x95x8mm 7.5 H.P.	1	"
" 974	Verti-Milling M/C	Tab.Trav.LxCxV=650x330x300mm Tab.Size LxW =1,340x310mm, 3 H.P.	1	"
" 983	"	Tab.Trav.LxCxV=650x360x400mm Tab.Size LxW =1,550x420mm, 7.5 H.P.	1	"
" 1001	Lathe	S.O.C. 700mm, S.O.C. 380mm Bed L. 2,400mm, 5 H.P.	1	"
" 1319	Lath-Facing	S.O.B. 1,600mm, S.O.C. 1,100mm Bed L. 2,280mm, 25 H.P.	1	"
" 1338	Verti-Lathe	Tab.Dia. 2,200mm, Swing 2,600mm 30 H.P.	1	Small parts missing
2122	Raduak Drilling M/C	Drill Cap.52mm, Vert.Spin.Str.260mm Vert.Arm Str.1,000mm, Arm L,2,000mm 10 H.P.	1	Motor, Small parts missing

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INV.NO.		NAME OF MACHINERY	BRIEF SPECIFICATION	QUTITY	REMARKS
11-06(9)-	1	Radial Drilling M/C	Drill Cap.50mm, Spin/Bed 1,500mm Swing 2,660mm Arm Trav.on Column 810mm, 5 H.P.	1	Motor, Small parts missing
"	7	Boring M/C - Unit	Spin.Trav.300mm, Spin/Bed 470 5 H.P.	1	Complete
"	12	Boring M/C - Horiz.-Tab.	Bar Dia. 76mm, Vert.Spin.Trav.750mm Tab.Size 1,550x910mm, Tab.Feed LxC=1,730x1,200mm, 7.5 H.P.	1	Motor, Small parts missing
"	13	" -	- " -	1	"
"	35	Horiz -Milling M/C	Tab.Trav.LxCxV=860x320x610mm Tab.Size LxW =1,120x308mm 7.5 H.P.	1	"
"	36	"	- " -	1	"
"	63	Lathe	S.O.B.600mm, S.O.C. 360mm c/c 1,250mm, Bed L. 3,100mm 7.5 H.P.	1	"
"	65	Boring M/C -Horiz. - Tab.	Bar. Dia. 76mm, Vert.Spin.Trav.750mm Tab.Size 1,550x910mm, Tab.F.LxC = 1,730x1,200mm, 7.5 H.P.	1	"
"	149	Lathe	S.O.B. 375mm, S.O.C. 245mm, c/c 600mm, Bed L.1,830mm, 2 H.P.	1	"
"	150	"	- " -	1	"
"	161	"	- " -	1	"