

911-1e(2)

Ogimoto
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KINKI INFORMATION
MAR - 5 1951 P.D. 11

GENERAL HEADQUARTERS
SUPREME COMMANDER FOR THE ALLIED POWERS
Economic and Scientific Section
APO 500

WT/MWH/RAS/yy
16 February 1951

387.6(16 Feb 51)ESS/IND

MEMORANDUM FOR: Reparations Agency, Tokyo

SUBJECT: Application for Movement and Authorized Use
of Items Listed for Reparations

1. Reference is attached R.A.R. No. 1518 (MS), 9 November 1950, subject: Application for Movement and Authorized Use of Reparations Equipment of Itoguchiyama Factory, Kokura Military Arsenal (30-04) and Four Other Arsenals Filed by Kawasaki Engineering Works, East Japan Heavy Industries, Ltd. (Former: Kawasaki Engineering Works, Mitsubishi Heavy Industries, Ltd.) (Non-Reparations Plant).

2. The application requesting permission for the transfer and authorized use of the 16 items of reparations machinery and equipment listed in reference 1, above, is approved as indicated below:

<u>Present Location</u>	<u>No. of Items</u>	<u>To Be Transferred To</u>
Kokura Military Arsenal, Itoguchiyama Factory (30-04)	4	East Japan Heavy Industries, Ltd., Kawasaki Engineering Works 526, Kashimada, Kawasaki City, Kanagawa Pref.
Kokura Military Arsenal, Tateishi Factory (30-05)	7	"
Army Air Arsenal, Kanazawa Engine Works (15-10)	2	"
Osaka Military Arsenal, Aino Branch (13-132A)	1	"
Kokura Military Arsenal (07-13)	2	"
Total	16	

Information copy of the application submitted through Japanese channels not received by KCAR.
Ogimoto

CA Sec Copy

MEMO FOR THE CHIEF, ECONOMIC AND SCIENTIFIC SECTION
Memo ESS, GHQ, SCAP to Reparations Agency, Tokyo, File No. 387.6(16 Feb 51)ESS/IND, Subject: Application for Movement and Authorized Use of Items Listed for Reparations, 16 February 1951, R.A.R. No. 1518 (MS).

3. A rental fee shall be established for the authorized use of the equipment listed in reference 1, above, based upon current valuation and comparable to rental charges assessed by private interests for the use of similar equipment.

4. This permit is issued subject to any and all directives affecting reparations plants which have been issued or may hereafter be issued by the Supreme Commander for the Allied Powers. Reports will be rendered as required by current directives and instructions.

FOR THE CHIEF, ECONOMIC AND SCIENTIFIC SECTION:

1 Incl
as indicated. (dup)

MAURICE M. CLASS
Chief, Industry Division

Cys furnished:
CA Sec (dup)
CPC

MEMO FOR RECORD:

The above ltr is self-explanatory.

Mr. R.A. Steele:
26-7842

M. M. C.

To : General Headquarters, Supreme Commander for the Allied Powers.

From : Reparations Agency, Tokyo.

Subject: Application for Movement and Authorized Use of Reparations Equipment of Itoguchiyama Factory, Kokura Military Arsenal (30-04) and Four Other Arsenals Filed by Kawasaki Engineering Works, East Japan Heavy Industries, Ltd. (Former: Kawasaki Engineering Works, Mitsubishi Heavy Industries, Ltd.) (Non-Reparations Plant).

R.A.R. No. 1518 (MS)

9 Nov., 1950.

1. Reference is made to R.A.R. letter (No. 687 (M.S.)) dated 4 July 1950 subject as above.
2. The Reparations Agency hereby resubmits to your Headquarters an application on the subject matter, together with an application of the Ministry of Finance and a recommendation of the Ministry of International Trade & Industry, as enclosed herewith.
3. This application was submitted to your Headquarters with a letter mentioned in para 1 above but it was turned back for our reexamining non-availability of equipment applied thereby.
4. After very careful reexamination of these equipment, the Ministry of I T & I has decided to recommend this application by the reasons which are explained in the recommendation attached hereto.
5. It is sincerely requested that your Headquarters be good enough to reexamine this application and give a most favorable consideration to it at the earliest practicable date.

Incls:

1. Application of Ministry of Finance.
2. Recommendation of M I T & I.
3. Application of subject plant.

(Y. Katsumo)
Director, Reparations Division,
Reparations Agency.

Encl 1

TO : GENERAL HEADQUARTERS, SUPREME COMMANDER FOR THE ALLIED POWERS.

FROM : Reparations Agency, Tokyo.

SUBJECT: Application for Movement and Authorized Use of Reparations Equipment of Itoguchiyama Factory, Kokura Military Arsenal (30-04) and Four Other Arsenals Filed by Kawasaki Engineering Works, East Japan Heavy Industries, Ltd. (Former: Kawasaki Engineering Works, Mitsubishi Heavy Industries, Ltd.) (Non-Reparations Plant).

R.A.R. No. 687 (MS)

4 July 1950.

1. The Reparations Agency hereby submits to your Headquarters an application on the subject matter, together with an application of the Ministry of Finance and a recommendation of the Ministry of International Trade and Industry, as enclosed herewith.

2. The subject company wishes herein to move and use ^{13/16} ~~15~~ items of reparations equipment now lying idle in the five (5) Arsenals as indicated below:

<u>Name of Arsenal</u>	<u>Code No.</u>	<u>No. of Items</u>
Itoguchiyama Factory, Kokura Military Arsenal.	30 - 04	34
Tateishi Factory, Kokura Military Arsenal	30 - 05	67
Kanazawa Engine Works of Army Air Arsenal	15 - 10	2
Aino Branch, Osaka Military Arsenal	13 - 132 A	1
Kokura Military Arsenal	07 - 13	82
<u>Total</u>		<u>1316</u>

3. All reparations equipment applied for herein are of foreign make and similar type of machines are hardly available in the privately-owned sources in Japan.

- 2 -

4. It is requested that your most favorable consideration be given to this application at the earliest practicable date.

(Y. Katsuno)
Director, Reparations Division,
Reparations Agency.

Incls:

1. Application of the Ministry of Finance.
2. Recommendation of the Ministry of I.T.& I.
3. Application of the subject plant.

The List of Facilities for Application
presented by the Kawasaki Engineering Works
of the Mitsubishi Heavy-Industries, Ltd.

28 December 1949

Code No. : 30-4
Name of Plant : Former Kokura Military Arsenal
Itoguchiyama Factory.
Address of Plant : Itoguchiyama Mura, Usa District,
Oita Prefecture.

Machinery

<u>Inventory No.</u>	<u>Name of Machinery</u>	<u>Brief Specification</u>	<u>Quantity</u>	<u>Remarks: Maker, & (Class)</u>
30-4-80	Grinder-Thread	1000 x 400mm	1	Jones Lamson, (1)
30-4 -150	Tool room lathe	570 x 800mm	1	Reinecker, (1)
30-4-453	Lathe-Vertical- Turret	600mm	1	Bullard, (1)
30-4-1629	Lathe-Vertical- Turret	600mm	1	Bullard, (1)
		Total	4	

The List of Facilities for Application
presented by the Kawasaki Engineering
Works of the Mitsubishi Heavy-Industries
Ltd.

28 December 1949

Code No. : 30-5
Name of Plant : Former Kokura Military Arsenal
Tateishi Factory.
Address of Plant : Shimo, Tateishi, Hayami District,
Oita Prefecture.

Machinery

<u>Inventory No.</u>	<u>Name of Machinery</u>	<u>Brief Specification</u>	<u>Quantity</u>	<u>Remarks : Maker, & (Class)</u>
30-5-200	Horizontal-Milling-Machine	4K Type	1	Milwaukee, (1)
30-5-212	Horizontal-Milling-Machine	4K Type	1	Milwaukee, (1)
30-5-252	Broaching machine-Horizontal-Internal-Hydraulic	30T Stroke 1,750mm	1	Oil Gear, (1)
30-5-472	Grinder Cylindrical-External	80 x 210mm	1	Loewe, (1)
30-5-473	Grinder Cylindrical-External	80 x 210mm	1	Loewe, (1)
30-5-488	Grinder-External-cam	480 x 1,500mm	1	Reinecker, (1)
30-5-615	Gear-Cutter-Spiral Bevel	500mm	1	Gleason, (1)
		Total	7	

The List of Facilities for Application
presented by the Kawasaki Engineering Works
of the Mitsubishi Heavy-Industries Ltd.

28 December 1949.

Code No. : 15-10
Name of Plant : Former Kanazawa Air Arsenal.
Address of Plant: Nodamachi Kanazawa City
Ishikawa Prefecture.

Machinery

<u>Inventory No.</u>	<u>Name of Machinery</u>	<u>Brief Specification</u>	<u>Quantity</u>	<u>Remarks: Maker & (Class)</u>
15-10-211	Grinder-Surface-Horizontal-Rotary Table	Table diam. 600mm	1	Heald, (1)
15-10-650	Grinder-Surface-Vertical-Rotary table	Table diam. 900mm	1	Blanchard, (1)
		Total	2	

The List of Facilities for Application
presented by the Kawasaki Engineering Works
of the Mitsubishi Heavy-Industries, Ltd. .

28 December 1949

Code No. : 13-132 (A)
Name of Plant : Former Osaka Military Arsenal
Aino Factory.
Address of Plant : Shimoeino, Ai mura, Arima District,
Hyogo Prefecture.

Machinery

<u>Inventory No.</u>	<u>Name of Machinery</u>	<u>Brief Specification</u>	<u>Quantity</u>	<u>Remarks: Maker, & (Class)</u>
13-132(A)-15	Jig borer	Swing diam. 330mm	1	Herbert Lindner, (1)

Total 1

The List of Facilities for Application
presented by the Kawasaki Engineering Works of
the Mitsubishi Heavy-Industries, Ltd.

28 December 1949

Code No. : 07-13
Name of Plant : Former Kokura Military Arsenal
Kokura Factory.
Address of Plant : 340 Tamachi Kokura City Fukuoka
Prefecture.

Machinery

<u>Inventory No.</u>	<u>Name of Machinery</u>	<u>Brief Specification</u>	<u>Quantity</u>	<u>Remarks: Maker, & (Class)</u>
07-13-513	Milling machine- Plane	Size of working Table 550x2,000mm	1	Gild Meister, (1)
07-13-1888	Grinder-Centerless	400 x 100mm	1	Cincinnati, (1)
		Total	2	

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KINKI
MAR - 5 1951
O.D. 11
INFORMATION:
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GENERAL HEADQUARTERS
SUPREME COMMANDER FOR THE ALLIED POWERS
Economic and Scientific Section
APO 500

WT/MWH/RAS/sm
15 February 1951

387.6(15 Feb 51)ESS/IND

MEMORANDUM FOR: Reparations Agency, Tokyo

SUBJECT: Application for Movement and Authorized Use
of Items Listed for Reparations

1. Reference is attached R.A.R. No. 1909 (MS), 26 December 1950, subject: Application for Movement and Authorized Use of Reparations Equipment of Gifu Plant (Code No. 09-11), Kayaba Sangyo K.K. Filed by Asada Katan Chutetsusho K.K. (Non-reparations plant).

2. The application requesting permission for the transfer and authorized use of the two (2) items of reparations machinery and equipment listed in reference 1, above, is approved as indicated below:

<u>Present Location</u>	<u>No. of Items</u>	<u>To Be Transferred To</u>
Kayaba Sangyo K.K. Gifu plant (09-11)	2	Asada Katan Chutetsusho K.K. 30, Minami Nakamichi-cho, 4-chome, Higashinari-ku, Osaka

3. This permit is issued subject to any and all directives affecting reparations plants which have been issued or may hereafter be issued by the Supreme Commander for the Allied Powers. Reports will be rendered as required by current directives and instructions.

FOR THE CHIEF, ECONOMIC AND SCIENTIFIC SECTION:

1 Incl
as indicated
(dup)

MAURICE M. CLASS
Chief, Industry Division

Cys furnished:
CAS (dup)
CPC

MEMO FOR RECORD:
The above ltr is self-explanatory.

Mr. R. A. Steele:
26-7842

M. M. C.

1-1452

CAS

To : General Headquarters, Supreme Commander for the Allied Powers.
From : Reparations Agency, Tokyo.
Subject: Application for Movement and Authorized Use of Reparations
Equipment of Gifu Plant (Code No. 09-11), Kayaba Sangyo K.K.
Filed by Asada Katan Chutetsusho K.K. (Non-reparations plant).

R.A.R. No. 1909 (MS)

26 December 1950.

1. The Reparations Agency hereby submits to your Headquarters an application for movement and authorized use of 2 items of reparations equipment now lying idle in the Gifu Plant (Code No. 09-11), Kayaba Sangyo K.K. (Kayaba Sangyo K.K., Gifu Seizosho) filed by the Asada Katan Chutetsusho K.K. (Non-reparations plant), together with an application of the Ministry of International Trade and Industry as enclosed herewith.

2. This application has been investigated and has been coordinated with other interested government agencies.

3. It is requested that your most favorable consideration be given to this application at the earliest practicable date.

(Y. Katsuno)
Director, Reparations Division,
Reparations Agency.

Incls:

- a. Application of the Ministry of
~~International Trade and Industry.~~
- b. Application of the subject plant.

End

List of designated reparations machinery and equipment to be moved and used.

Applicants: Asada Katan Chutetsu-sho,
K.K.,

30 Minami Nakamichi-cho 4-
chome, Higashinari-ku, Osaka.

Description and Makers,	Type and Dimension,	Inventory No.	Active or Idle,	How many sets,	Remarks
<u>Broaching machine.</u> BY Matsuura Seisaku-sho	Direct acting pump, 2 Hp. Three phase cylinder, Max. Pressure 25 tons	09-11-823	Idle	1	Evaluated plant, Integrated facility, Work sheet Page 204
<u>Manual hydraulic Press</u> By Matsuda Seisaku-sho	Max. pressure 25 tons, Anvil: 250X230 m/m, Piston stroke: 850 m/m	09-11-1121	"	1	Evaluated plant, Integrated facility, Work sheet Page 97
				<u>Total</u>	<u>2 sets</u>

October 1950

Application for movement and authorized use of
designated reparations machinery and equipment.

To: Ministry of International Trade and Industry.
From: Asada Katan Chutetsu-sho, K.K.,
30 Minami Nakamichi-cho 4-chome, Higashinari-ku,
Osaka.

1. Name and location of the plant, which desires to use the designated reparations machinery and equipment.

Name: Asada Katan Chutetsu-sho, K.K. (Non-reparations
factory)

Location: 30 Minami Nakamichi-cho 4-chome,
Higashinari-ku, Osaka.

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

Kayaba Sangyo K.K.'s Gifu Work-shop (Code No. and
Category, 09-11, Aircraft),
505 Totamura, Kaji-gun, Gifu-ken.

3. List of designaged reparations machinery and equipment to be moved and used: -

As per the List attached hereto.

4. The reasons why their removal and authorized use are necessary.

Our factory is now engaged in producing such malleable steel products, as automobile parts, rolling-stock parts, spinning and weaving machine-parts and chemical machines, but lately we are receiving increased orders for such kind of articles, the manufacture or finishing of which requires special machine tools. Our plant, however, not being equipped sufficiently with such tools, we find ourselves unable to meet with such increasing demands. We are therefore desirous of removing and using some of the machine tools now existing at the Gifu work-shop of Kayaba Sangyo K.K., with which we are closely connected.

<u>Principal purchasers of our articles:</u>	<u>Items of articles</u>
A number of automobile mfg. works (Kayaba Sangyo K.K. and many others)	Automobile parts,
Hatsudo-ki Seizo K.K., Ikeda Kojo	" "
Osaka Kojo	Railway rolling-stock parts,
Hanshin Dentetsu K.K.	Rolling-stock parts
Osaka Gas K.K.	Chemical machine parts
Yamashina Tekko-sho and others	Spinning and weaving machine parts

Capital amount of the said Company:

¥3,000,000

Established : May 27, 1948

Description of products, now being produced as well as those which will be in future.

<u>Description</u>	<u>Amount of production at present</u>	<u>Intended amount of production in future</u>
Automobile parts	18,600 Kg.	25,000 Kg.
Spinning and weaving machine parts	980 "	1,000 "

- Page 3 -

Bicycle parts	6,300 Kg.	15,000 Kg.
Chemical machinery and others	6,700 "	10,000 "
<hr/>		
Totals	33,780 Kg.	53,000 Kg.

List of existing machine tools

Lathes	13 sets
Tool-grinding machine	1 sets
Table drilling machine	2 "
Vertical drilling machine	2 "
Gear shaper	1 "
Vertical milling machine	1 "
Universal milling machine	1 "
Milling machine	1 "
Shaping machine	1 "
Turret lathe	1 "
sawing machine	1 "
<hr/>	
Total	25 sets

Number of Employees :

81

Asada Katan Chutetsu-sho, K.K.

Isamu Asada

(Isamu Asada)

Director & President

List of designated reparations machinery and equipment to be moved and used.

Applicants: Asada Katan Chutetsu-sho, K.K.
 30 Minami Nakamichi-cho
 4-chome, Higashinari-ku, Osaka.

Description and Makers	Type and Dimension,	Inventory No.	Active or Idle	How many sets	Remarks
<u>Broaching machine</u> By Matsuura Seisaku-sho	Direct acting pump, 2 Hp. Three phase cylinder, Max. Pressure: 25 tons	09-11-823	Idle	1	Evaluated plant, Integrated facility, Work sheet Page 204.
<u>Manual hydraulic press</u> By Matsuda Seisaku-sho	Max. pressure: 25 tons, Anvil: 250X230 m/m, Piston stroke: 850 m/m	09-11-1121	"	1	Evaluated plant, Integrated facility, Work sheet Page 97
				<u>Total</u>	<u>2 sets</u>

0 MI-1e2 0 Ogimoto
KINKI LIAISON & COORDINATION OFFICE TS/ai JWA

Prefectural Building
OSAKA

Mr. Frangee
26 February 1951

KKLCO No. 150 ER

TO : Chief, Kinki Civil Affairs Region
(ATTN: Commerce & Industry, Economic Section)

SUBJECT: Report on Movement of Authorized Use Repara-
tions Equipment, from Tokuyama Fuel Depot
(45-07) to Toa Nenryo Kogyo Co., Ltd.,
Wakayama

For your information.

IN THE ABSENCE OF THE DIRECTOR:

for J. Suzuki
S. Yamanaka
Deputy-Director

Incl: Letter from Wakayama Prefectural Government,
W.F.A.S. No.59, dated 24 February 1951.

February 24, 1951

W.F.A.S.No.59

SUBJECT : Authorized transfer of reparation machineries
and equipments

TO : Kinki Civil Affairs Region

THRU : Kinki Liaison and Coordination Office, Osaka

FROM : Wakayama Prefectural Government

I beg to submit you list of reparation machineries and equipments authorized by GHQ to transfer from former Third Naval Arsenal, Tokuyama City, Yamaguchi Pref. (Code No.45-07) to TOA NENRYO KOGYO CO., LTD. WAKAYAMA REFINERY and list of those already transferred.

As for the list of those to be transferred hereafter, report will be made every time after the transfer.

Masakazu Kashizume
For Koichi Kashimura
Chief, Foreign Affairs Section,
Wakayama Prefectural Government

MY/ct

TOA NENRYO KOGYO Co., LTD.
WAKAYAMA REFINERY

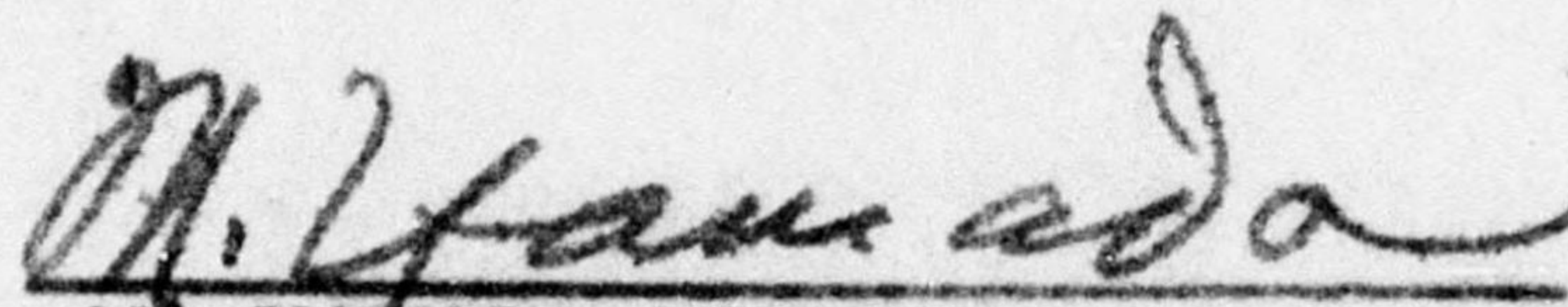
February 20, 1951

TO: Osaka Kinki Region
Osaka, Japan

Sir:

We enclose herewith a copy of the list of the machineries and equipments transferred from the former Third Naval Arsenal to our Wakayama Refinery from January 24, 1951 to February 16, 1951. We apologize the delay in submitting the reports.

Yours truly,



M. YAMADA, Manager
Toa Nenryo Kogyo Co., Ltd.
Wakayama Refinery

LIST OF GOODS RECEIVED

Inventory No.	Name of Machinery	Set	Piece	Remarks
<u>Jan. 24, 1951:</u>				
Accessory of 21 - 191	Fire Bricks		2000	For Furnace
<u>Jan. 26, 1951:</u>				
1 - 1	Steam Pump	1		For 3rd Vacuum Distillation Plant
1 - 2	"	1		"
1 - 7	"	1		"
1 - 8	"	1		"
1 - 10	"	1		"
Accessory of 1 - 11	Level Controller	3		For Fractionating Tower
"	Pressure Gauge	11		"
1 - 14(A)	Fire Bricks		2975	For Furnace
1 - 15 (")	Level Gauge	3		For Vacuum Receiver
1 - 525 (")	Flow Meter	1		For Gas Pipe
<u>Jan. 27, 1951:</u>				
1 - 3	Steam Pump	1		
1 - 4	Air Compressor	1		
1 - 5	Steam Pump	1		
1 - 6	"	1		
1 - 9	"	1		
Accessory of 1 - 11	Fractionating Tower	1		(Lower part only)
"	Vacuum Ejector	1		For Fractionating Tower
"	Heat Exchanger	1		"
1 - 12	Cooler	1		
1 - 14(A)	Tube		2	For Furnace
1 - 15 (")	Vacuum Receiver	1		
1 - 16	" "	1		
<u>Jan. 28, 1951:</u>				
21 - 2	Steam Pump	1		
21 - 4	"	1		
21 - 9	"	1		
21 - 10	"	1		
21 - 11	"	1		
21 - 12	"	1		
21 - 14	"	1		
<u>Jan. 31, 1951:</u>				
21 - 1	Steam Pump	1		
21 - 3	"	1		
21 - 15	"	1		
21 - 18	"	1		
21 - 19	"	1		
21 - 20	"	1		
21 - 21	"	1		
21 - 22	"	1		
<u>Jan. 30, 1951:</u>				
21 - 5	Steam Pump	1		
21 - 6	"	1		
21 - 7	"	1		
21 - 8	"	1		
Accessory of 21 - 191	Fire Bricks		5750	For Furnace

Note: "A" is the abbreviated form of "Accessory of."

Inventory No.	Name of Machinery	Set	Piece	Remarks
<u>Feb. 1, 1951:</u>				
Accessory of				
21 - 86	Bend and others	some		For Solvent Condenser
(part)				
21 - 126	1st Heater	1		
21 - 127	"	1		
21 - 128	1st Heat Exchanger	1		
21 - 129	" "	1		
21 - 191	Fire Bricks		13,200	For Furnace
<u>Feb. 6, 1951:</u>				
Accessory of				
21 - 93	Steel Pipe and Others	some		For 1st Propane Condenser
(part)				
21 - 102	Solvent Heater	1		
21 - 103	Extracted Oil Cooler	1		
21 - 104	" "	1		
21 - 159	2nd Solvent Heater	1		
21 - 160	Dewaxed Oil Cooler	1		
<u>Feb. 7, 1951:</u>				
21 - 74	Propane Evaporator for Separated Oil	1		
21 - 75	Propane Evaporator for Extracted Oil	1		
Accessories of				
21 - 87	Plate	3		For Extracted & Separated Oil Condenser
21 - 91(A)	"	2		For Water Condenser
21 - 93 (")	Angle, Steel Pipe & others	some		For 1st Propane Condenser
21 - 191(*)	Fire Bricks		7,000	For Furnace
<u>Feb. 8, 1951:</u>				
Accessory of				
21 - 86	Side Plate	8		For Solvent Condenser
"	Pipe	13		" "
"	Round Bar 円棒	10 m		" "
21 - 93(A)	Angle and others	some		For 1st Propane Condenser
21 - 105(")	Pipe	49		For 2nd " "
21 - 138	Propane Heater	1		
21 - 139	Deasphalted Oil Heater	1		
21 - 140	" "			
<u>Feb. 9, 1951:</u>				
Accessory of				
21 - 86 (A)	Plate	8		For Solvent Condenser
21 - 87 (")	"	2		For Extracted & Separated Oil Condenser
"	Bend and others	some		For Extracted & Separated Oil Condenser
21 - 91 (A)	"	4		For Water Condenser
21 - 93 (")	"	2		For 1st Propane Condenser
21 - 97	Propane Evaporator	1		
21 - 99	Washing Tank for Separated Oil	1		
21 - 100	Extracted Oil Washing Tank	1		
21 - 105(A)	Bend		100	For 2nd Propane Receiver
21 - 191	Angle and others	some		For Furnace
21 - 191(A)	Channel and others	some		" "
<u>Feb. 12, 1951:</u>				
Accessory of				
21 - 191	Fire Brick		6176	For Furnace

Inventory No.	Name of Machinery	Set	Piece	Remarks
<u>Feb. 15, 1951:</u>				
Accessory of				
21 - 91	Side Plate	3		For Water Condenser
21 - 93 (A)	"	2		For Propane Condenser
21 - 102 (")	Channel	1		For 1st Solvent Heater
21 - 112 (")	Plate	44		For Gas Holder
<u>Feb. 11, 1951:</u>				
Accessory of				
21 - 71	Cooler	2		Propane Compressor
21 - 91 (A)	Pipe	25		For Water Condenser
21 - 102 (")	Channel	4		For Solvent Heater
21 - 82	Intermediate Receiver for Separated Oil	1		
21 - 105 (A)	Angle	some		For 2nd Propane Receiver
21 - 102 (")	Beam	2		For Solvent Heater
21 - 121	Reduction Gear	1		For Coal Feeder
21 - 123 (A)	" "	1		"
21 - 122 (")	" "	1		"
21 - 134 (")	Wheel	1		For Reduction Gear
<u>Feb. 10, 1951:</u>				
21 - 71 (A)	Propane Compressor	1		
21 - 87 (")	Flange and others	1		For Extracted and Separated Oil Condenser
21 - 89	Separated Oil Receiver	1		
21 - 90	Extracted Oil Receiver	1		
21 - 105 (A)	Bend and others	33		For 2nd Propane Receiver
21 - 121 (")	Coal Feeder	1		
21 - 122 (")	"	1		
21 - 123 (")	"	1		
21 - 132 (")	Chain Wheel for Coal Conveyor	1		For Transformer
21 - 133	Reduction Gear	1		
21 - 134 (A)	"	1		
21 - 191 (")	Fire Brick		13,000	For Furnace
21 - 191 (")	Channel and others	some		
<u>Feb. 16, 1951:</u>				
Accessory of				
21 - 91 (A)	Plate	1		For Water Condenser
21 - 93 (")	"	10		For 1st Propane Condenser
" (")	Pipe	16		" " "
21 - 100 (")	Angle	4		For Extracted Oil Washing Tank
21 - 102 (")	Channel	1		For 1st Solvent Heater
21 - 112 (")	Plate	40		For Gas Holder
<u>Feb. 14, 1951:</u>				
21 - 88	Water Receiver	1		
21 - 136	High Pressure Gas Separator	1		
21 - 191 (A)	Fire Bricks		6,000	For Furnace
<u>Feb. 5, 1951:</u>				
Accessory of				
21 - 87 (A)	Side Plate	2		For Extracted and Separated Oil Condenser
21 - 91 (A)	"	2		For Water Condenser
21 - 112 (")	"	4		For Gas Holder
<u>Feb. 2, 1951:</u>				
Accessory of				
1 - 4 (A)	Bracket	1		For Air Compressor
1 - 11 (")	Fractionating Tower	1		Upper part only
" (")	Vacuum Ejector	4		For Fractionating Tower
" (")	Hotwell for Vacuum Ejector	1		" " "
1 - 15 (")	Platform	1		For Vacuum Receiver
1 - 17	Stack	1		

LIST OF FACILITIES FOR APPLICATION

Code No: 45-07
 Name of Plant: (1) Third Naval Fuel Dept.
 Address of Plant: Tokuyama City, Yamaguchi Prefecture

1. Machinery (1) Third Vacuum Distillation Plant

<u>Inventory No.</u>	<u>Name of Machinery</u>	<u>Specifications</u>	<u>Quantity Set Piece</u>
1 - 1	Steam Pump	Horizontal duplex double acting cast iron 3" x 2" x 3" Worthing ton for Fuel Oil	1
2	"	Horizontal Simplex double act. cast iron 4" x 3½" x 6" Worthington for reflux oil	1
3	"	Horizontal Simplex double act. cast steel 5" x 4½" x 6" for distillate oil	1
4	Air Compressor	Vertical Simplex double act. 6" x 6" x 10" With air accumulator: Vertical Cylindrical	1
5	Steam Pump	Horizontal double act. cast steel Hyhol 6" x 5" x 12" Hot oil transmission	1
6	Steam Pump	Horizontal Simplex double act. Hyhol 6" x 5" x 12" Hot oil transmission	1
7	Steam Pump	Horizontal Simplex double act. cast steel Worthington 4" x 3½" x 6" Distillate oil	1
8	Steam Pump	Horizontal Simplex double act. cast iron Worthington 4" x 3½" x 6" Distillate oil	1
9	Steam Pump	Horizontal Simplex double act. cast steel Hyhol 5½" x 5" x 9" for crude oil	1
10	Steam Pump	Vertical Simplex double act. Weir. 4½" x 4" x 6" oil transmission	1
11	Fractionating Tower	Vertical Tray 18, dia. 1.00M H: 15,000 M With following equipment Heat exchanger Shell & Tube surface 2M ² " " " " " " Steam ejector Barometric condenser Steam jet pump (primary & secondary)	1

Inventory No.	Name of Machinery	Specifications	Quantity		
			Set	Piece	
1 - 12	Cooler	Shell & coil, cooling surface 3M ² dia. 1,13M, H: 1,43M for distillate oil	1		
13	Heat Exchanger	Shell & Tube Tubes; admiralty Bronz Heating surface 5M ² for distillate oil	1		
14	Furnace	Foster Wheeler Type Heating surface 12.4M ² L. 2.80m x W 2.80 x H 2.45	1		
15	Facuum Receiver	Horizontal Cylindrical Cap: 1.2 Kl dia: 1.00M L: 15M for distillate oil	1		
16	Vacuum Receiver	Horizontal Cylindrical for distillate oil	1		
17	Stack	Dia: 0.2 OM H: 18.00M plate thickness 5mm	1		
18	Structure				
(Item No.)					
511	4" Gate Valve	Body material cast iron	Trim material gun metal	Face to face dist. 280 mm	3
512	3" Glove Valve	" "	soft steel	280	8
513	2" Gate Valve	" "	gun metal	200	5
514	2" Glove Valve	" "	"	130	4
515	1½" "	cast steel	special steel	200	21
516	1½" "	gun metal	gun metal	125	9
517	1" "	cast steel	special steel	170	20
518	1" "	gun metal	gun metal	90	5
519	¾" "	forged steel	special steel	125	28
520	¾" "	gun metal	gun metal	80	8
521	¾" "	forged steel	special steel	120	14
522	½" "	gun metal	gun metal	70	8
523	3/8" "	"	"	50	28
524	10" Gas Pipe	Outside diameter 267 mm			50 m
525	4" "	114			50 m
526	3" "	89			90 m

Inventory No.	Name of Machinery	Specifications	Quantity	
			Set	Piece
(Item No.)		Outside diameter		
527	2" Gas Pipe	260 mm		235 m
528	1½" "	49		310 m
529	1" "	34		100 m
530	¾" "	27		250 m
531	3/8" "	17		80 m
2 - 21	Oil Tank	Vertical Type 100 Kl 5.70mØ 4.50mH	thickness 9m/m	1
22	Oil Tank	Vertical Type 50 Kl 4.70mØ 3.00mH	thickness 9m/m	1
29	Oil Tank	Vertical Type 50 Kl 4.70mØ 3.70mH	thickness 7m/m	1
30	Oil Tank	Vertical Type 50 Kl 4.70mØ 3.70mH	thickness 7m/m	1
31	Oil Tank	Vertical Type 50 Kl 4.70mØ 3.70mH	thickness 7m/m	1
32	Oil Tank	Vertical Type 50 Kl 4.70mØ 3.70mH	thickness 7m/m	1
33	Oil Tank	Vertical type 50 Kl 4.70mØ 3.70mH	thickness 7m/m	1
Total				14 sets 11 pieces 164 valves 1165 gas pipe

(21) 2nd Aviation Lube Manufacturing Plant

Inventory No.	Name of Machinery	Specifications	Set Piece
21 - 1	Steam Pump	Air Compressor, Steam Driven, Horizontal Simplex double acting	1
	Air Compressor	L 300 x W 100 x H 50 for gauge	
2	Steam Pump recipro.	Horiz. duplex double acting cast iron 10" x 6" x 10" for solvent transmission	1
3	"	Hyhol, horiz. Simplex double act. cast steel for discharging solvent	1
4	"	Hyhol, Horiz. Simplex double act. cast steel 10" x 5½" x 12" for reflux water	1
5	"	Hyhol Simplex Horiz. double act. 6" x 4" x 10" with water jacket	1
6	"	Hyhol, Horiz. Simplex double act. 6" x 4" x 10" for reflux water	1
7	"	Hyhol Horiz. Simplex double act. cast steel 6" x 3½" x 8" for feeding water	1
8	"	Horiz. Simplex double act. cast steel 10" x 7½" x 12" with water jacket for extract oil	1
9	"	Hyhol Horiz. Simplex double act. 8" x 6" x 10" for refined oil	1
10	"	Horiz. Simplex double act. cast iron 6½" x 3" x 6" for Fuel Oil	1
11	"	Horiz. Simplex double act. cast iron 14" x 7½" x 12" for sending propane	1
12	"	Horiz. double act. simplex cast steel 10" x 5½" x 12" for crude oil	1
14	"	Horiz. Simplex double act. cast iron 6½" x 3" x 6" for feeding oil	1
15	"	Horizontal duplex double act. cast iron 10" x 6" x 10"	1
16	"	Horizontal duplex double act. cast iron 10" x 6" x 10" for circulating extract oil	1
17	"	Horizontal duplex double act. cast steel Hyhol 14" x 7½" x 12" feeding deasphalt oil	1
18	"	Horizontal Simplex double acting cast steel 14" x 7½" x 12" feeding solvent	1
19	"	Horizontal Simplex double act. cast steel 14" x 7½" x 12" for feeding propane	1

Inventory No.	Name of Machinery	Specifications	Quantity	
			Set	Piece
21 - 20	Steam Pump Recipro.	Horizontal Duplex double act. cast iron 10" x 6" x 10" Transmission of raffinate		1
21	"	Horizontal duplex double act. cast iron 6" x 4" x 10" for dirty oil		1
22	"	Horizontal duplex double act. 10" x 6" x 10" for transmission of extract		1
21 - 71	Propane Compressor	Horizontal Simplex double acting motor driven	1	
554	"	3 coolers (for propane) with induction motor (excluding coolers)	1	
72	Overhead travelling crane	Hand operated 10 ton cap. Lift 7 m Span: 12.00M Rail length 40M	1	
73	Water Evaporator for solvent	Vertical Tray 9 T: 16m/m Evaporator of solvent system	1	
74	Propane Evaporator for separate oil	Tower, Vertical Tray 2, insulation thickness 70mm H: 11.39m D: 0.9M for evaporation of propane	1	
75	Propane Evaporator for extract	Vertical, Tray 2 0.9 ϕ x 11.39H for evaporator of propane	1	
76	Solvent Evaporator for separated oil	Tower Vertical 1.16 ϕ x 19.43H for evaporation of refining oil	1	
77	Solvent Evaporator for extract	Tray 10 1.60 ϕ x 22.7H Insulation 85mm	1	
78	Induction Motor	Enclosed cage rotor 7.5HP 3 poles		1
79	"	Open 20HP, 3 phase 8 pole		1
80	Intermediate Receiver for separated oil	Extract Tank Vertical 1,886 ϕ m x 6,354H for rundown tank	1	
81	Intermediate Receiver for separated oil	Raffinate tank Vertical Cylindrical 1,886 ϕ m x 6,354H for rundown tank	1	
82	Intermediate receiver for deasphalted oil	Horizontal Cylindrical 1.5 ϕ x 4.00 for middle tank	1	
83	"	Horizontal Cylindrical 1.5 ϕ x 3.5m	1	

Inventory No.	Name of Machinery	Specifications	Quantity	
			Set	Piece
21 - 84	Solvent Recycling Tank	Horizontal Cylindrical 0.9m ϕ x 8.124mL		1
85	"	Horizontal Cylindrical 0.9m ϕ x 8.124mL		1
86	Condenser for solvent	Box Type Box L4.70m x W 860 x H 3.44 for solvent		1
87	Condense for extract & separated oil	Horizontal Cylindrical L 8.6 x W 2.5 x H 2.084		1
88	Water Receiver	Vertical Cylindrical 1.50m ϕ x 5.00mH		1
89	Separated oil receiver	Vertical Cylindrical 2.55m ϕ x 3.00mH Receiving tank		1
90	Extracted oil receiver	Vertical Cylindrical tank 2.55m ϕ x 3.00mH Receiving tank		1
91	Water condenser	Box type 6.40m L x 3.20m W x 3.48m H		1
92	Boiler	Horizontal smoke tubuller smoke tube d.75mm x L 2.100m		1
93	1st Propane condenser	Box type L 8.6m x W 4.3m x H 3.49m		1
94	Propane tank	Horizontal Cylindrical ϕ 1.90m 1st propane receiving tank		1
95	Propane Evaporator	Vertical, Tower ϕ 0.85m x H 8.18m		1
96	Separation tank for Asphalt	Horizontal, Cylindrical ϕ 1.7m x L 7.5m		1
97	Propane Evaporator	Vertical Tower (Top d0.61 x h4.65 (bottom 1.55 x 6.25)		1
98	Extracting Tower	Vertical ϕ 1.9m x H 22.88m		1
99	Washing tank for separated oil	Raffinate tank Horizontal Cylindrical ϕ 1.40m L: 6,174m for washing of raffinate		1
100	Extract Oil Washing tank	Horizontal Cylindrical ϕ 1.40m x L: 6.174m for washing of extract		1
101	2nd Propane receiver	Tank Horizontal Cylindrical ϕ 0.95 m x L: 8.44		1

Inventory No.	Name of Machinery	Specifications	Quantity	
			Set	Piece
21 - 102	Solvent Heater	Shell & Tubes ϕ 0.52m L: 3,131m	1	
103	Extracted oil cooler	Shell & Tube 320 x 75 x 75	1	
104	"	Shell & Tube ϕ 0.52m L: 3,131	1	
105	2nd Propane receiver	Box condenser L: 8,60m W: 4,30m H: 3,48m	1	
112	Gas Holder	Water sealed Cap: 1,00m ³ ϕ 14,70m H: 6,60m for propane gas	1	
113	"	Water sealed Cap: 500m ³ ϕ 9,90m H: 6,60m for propane gas	1	
116	Tank	Vertical Cylindrical oil tank 100KL ϕ 5,75m H: 3,50 for oil storage with heating coil	1	
118	"	Vertical cylindrical 250 KL ϕ 8,50m H: 6,00m Receiving extract with heat coil	1	
119	"	Vertical Cylindrical Cap: 500 KL ϕ 12,00m H: 6,50m for extract with heating coil	1	
121	Coal Feeder	Mechanical stoker screw conveyer under feed Induction motor: missing with ventilator	1	
122	"	Mechanical stoker screw conveyer under feed. Induction motor: missing	1	
123	"	Mechanical stoker screw conveyer under feed. Induction motor: missing	1	
124	Hopper	Ash conveyer inclined chain conveyer 2 motor 5HP and chain and chain guide and Hopper; missing	1	
126	1st Heater	Shell & Tube ϕ 0.52m L: 3,13m for raffinate	1	
127	"	Shell & Tube ϕ 0.52 m L: 3,13m for raffinate	1	
128	1st Heat Ex-changer	Shell & Tube ϕ 0,52m L: 3,13m for extract & evaporating vapour	1	

Inventory No.	Name of Machinery	Specification	Quantity	
			Set	Piece
21 - 129	1st Heat Exchanger	Shell & Tube ϕ 0.52m L: 3.13m for extract & Evap. tower vapor	1	
130	Transformer	Outdoor coil, oil immersed self cooling 75KVA 1 phase	1	1
131	"	Outdoor oil immersed self cooling 75 KVA 1 phase without oil	1	1
132	"	Outdoor coil immersed self cooling 75 KVA 1 phase		1
133	Reduction Gear	Coal conveyer Horizontal drag chain 15 Tons;H gear: 4 stage		1
134	"	Coal conveyer 15 Tons/H with reduction gear W 0.35m x L: 18.00m chain	1	
135	Diffusion Tank	Oil tank Horizontal Cylindrical D: 1.60m L: 460m	1	
136	High Pressure Gas Separator	Water jacket gas separator 3.5 KL ϕ 1.20m H: 1.70m	1	
137	Asphalt Heater	Double tube inside tube 1" gas pipe	1	
138	Propane Heater	Shell & Tube ϕ 0.22m x L 1.69m for propane	1	
139	Deasphalted oil Heater	Shell & Tube ϕ 0.38m L: 2.60m	1	
140	"	Shell & Tube ϕ 0.38m x L 2.60m	1	
159	2nd Solvent Heater	Heating surface 20m ² Shell & Tube	1	
160	Dewaxed oil cooler	Cooling surface 15m ² 2 passes	1	
169	Tank	Horizontal Box 2.5 KL 2.47 x 2.48 x 3.30m for oil storage	1	
170	Gas Separator	Vertical Cylindrical Cap. 0.80 ϕ 0.35m x 0.85m	1	
171	"	Vertical Cylindrical for propane gas	1	
172	Oil Tank	Vertical Cylindrical Cap. 0.42m ³ ϕ 0.22m x H 1.20m for lube oil cooling	1	

Inventory No.	Name of Machinery	Specifications	Quantity		
			Set	Piece	
21 - 173	Oil Tank	Vertical Cylindrical, for lube oil circulation Cap. 0.94m ³ 0.40m ϕ x 0.75mH	1		
174	Oil Tank	Vertical Cylindrical, for cooling lube oil Cap. 0.42m ³ ϕ 0.22m x 1.20mH	1		
175	Oil Tank	Vertical Cylindrical, for lube oil circulation 0.94m ³ x 0.40m x 0.75m	1		
187	Controlling Panel	Vertical manually controlling with oil circuit breaker. Other accessories are broken	1		
188	"	Vertical manually controlling 1 oil circuit breaker and 2 current transformers Other accessories are broken	1		
190		Steel Structure	1		
191	Furnace	Pipe still combination L 9.00m x W 7.51m x H 5.05m	1		
20 - 2	Propane Tank	D: 1.400m x H 8.3m x T 25mm	1		
3	"	"	1		
4	"	"	1		
5	"	"	1		
(Item No.)					
441	12" Gate Valve	Body material cast steel	Trim material gun metal	Face to face dist. 400 m/m	1
443	8" "	"	stainless steel	300	2
445	6" "	"	gunmetal	270	18
447	4" Glove Valve	"	special steel	345	31
449	3" "	gun metal	gun metal	300	10
451	3" "	cast steel	gun metal	200	58
453	2½" "	"	special steel	270	79
455	2½" "	gun metal	gun metal	156	3
457	2" "	cast steel	special steel	230	138
459	1½" "	gun metal	gun metal	120	18
461	1" "	"	"	90	35

Inventory No. (Item No.)	Name of Machinery	Specifications			Quantity	
				Face to face dist.	Set	Piece
463	1" Gate Valve	Body material, forged steel	Trim material, special steel	170		18
465	3/4" Glove Valve	"	"	170		29
467	3/4" "	"	"	60		35
469	1/2" "	gun metal	gun metal	170		2
471	1/2" "	forged steel	special steel	85		46
473	3" Check valve	cast iron	gun metal	288		2
475	2" "	"	"	227		1
477	1" Steam Trap	"		340		2
479	12" Gas Pipe	Outside Dia. 319				80m
481	8" "	216				140
483	5" "	140				60
485	4" "	114				785
487	2 1/2" "	76				1,000
489	1 1/2" "	49				662
491	3/4" "	27				1,252
				Total	71 sets	28 pcs.
						528 valves
						3979 m pipe

MI-12(2)

Aginoto
My copy

GENERAL HEADQUARTERS
SUPREME COMMANDER FOR THE ALLIED POWERS
Economic and Scientific Section
APO 500

KINK INFORMATION
O.D. 11
MAR - 1 1951

4996

387.6(24 Feb 51)ESS/IND

MWH/WT/yy
24 February 1951

MEMORANDUM FOR: Reparations Agency, Tokyo

SUBJECT: Application for Movement and Authorized Use
of Items Listed for Reparations

1. Reference is attached R.A.R. No. 373 (MS), 22 February 1951, subject: Application for Urgent Movement and Authorized Use of Reparations Equipment of Koami Plant (Code No. 13-83), Shibaura Koki Co., Ltd. Filed by Kobe Plant, "ZEW0" Manufacturing Works Inc. (Non-reparations plant).

2. The application requesting permission for the transfer and authorized use of the one (1) item of reparations machinery listed in reference 1, above, is approved as indicated below:

<u>Present Location</u>	<u>No. of Items</u>	<u>To Be Transferred To</u>
Shibaura Koki Co., Ltd., Koami Plant (13-83)	1 (13-83-IA7-1)	"ZEW0" Manufacturing Works Inc., Kobe Plant 10, 5-chome, Kawanishidori, Nagata-Ku, Kobe City, Hyogo Prefecture

3. This permit is issued subject to any and all directives affecting reparations plants which have been issued or may hereafter be issued by the Supreme Commander for the Allied Powers. Reports will be rendered as required by current directives and instructions.

FOR THE CHIEF, ECONOMIC AND SCIENTIFIC SECTION:

Info copy of appl not received by this hq.

1 Incl as indicated. (dup)

MAURICE M. CLASS
Chief, Industry Division

Cys furnished:
CA Sec (dup)
CPC

MEMO FOR RECORD:

The above ltr is self-explanatory.

Mr. W.A. Thurman:
26-8485

M. M. C.

CA Sec Copy

TO : GENERAL HEADQUARTERS, SUPREME COMMANDER FOR THE ALLIED POWERS.

FROM : Reparations Agency, Tokyo.

SUBJECT: Application for Urgent Movement and Authorized Use of Reparations Equipment of Koami Plant (Code No. 13-83), Shibaura Koki Co., Ltd. Filed by Kobe Plant, "ZEMO" Manufacturing Works Inc. (Non-reparations plant).

R.A.R. No. 373 (MS)

22 February 1951.

1. The Reparations Agency hereby submits to your Headquarters an application for urgent movement and authorized use of 1 item of reparations equipment now lying idle in the Koami Plant (Code No. 13-83), Shibaura Koki Co., Ltd. filed by the Kobe Plant (Non-reparations plant), "ZEMO" Manufacturing Works, Inc., together with an application of the Ministry of International Trade and Industry, as enclosed herewith.
2. The above applied equipment is urgently required for the production of export machinery, especially for U.S.A.A., and its full utilization is earnestly asked by the applicant company.
3. This application has been investigated and has been coordinated with other interested government agencies.
4. It is requested that your most favorable consideration be given to this application at the earliest practicable date.

(Y. Katsuno)
Director, Reparations Division,
Reparations Agency.

- Incls:
- ~~a. Application of the Ministry of International Trade & Industry.~~
 - b. Application of the subject plant.

Incl 1

THE "ZEWO" MANUFACTURING WORKS

KOBE, JAPAN.

P. O. BOX NO. 213

LIST OF THE DESIRED REPARATION DESIGNATED MACHINERY AND EQUIPMENT

Applicant: THE "ZEWO" Manufacturing Works

Name of Items	Name of mfg. Co.	Type & Dimension	Inventory No.	Operation or Idle	No. of Items	Remarks
Milling machine, Vertical	Tatsyama Juko	Universal, No.3	13-83-1A7-1	Idle	1	

GENERAL HEADQUARTERS
SUPREME COMMANDER FOR THE ALLIED POWERS
Economic and Scientific Section
APO 500

387.6(24 Feb 51)ESS/IND

MWH/WT/vy
24 February 1951

MEMORANDUM FOR: Reparations Agency, Tokyo

SUBJECT: Application for Movement and Authorized Use
of Items Listed for Reparations

1. Reference is attached R.A.R. No. 373 (MS), 22 February 1951, subject: Application for Urgent Movement and Authorized Use of Reparations Equipment of Koami Plant (Code No. 13-83), Shibaura Koki Co., Ltd. Filed by Kobe Plant, "ZEW0" Manufacturing Works Inc. (Non-reparations plant).

2. The application requesting permission for the transfer and authorized use of the one (1) item of reparations machinery listed in reference 1, above, is approved as indicated below:

<u>Present Location</u>	<u>No. of Items</u>	<u>To Be Transferred To</u>
Shibaura Koki Co., Ltd., Koami Plant (13-83)	1 (13-83-IA7-1)	"ZEW0" Manufacturing Works Inc., Kobe Plant 10, 5-chome, Kawanishidori, Nagata-Ku, Kobe City, Hyogo Prefecture

3. This permit is issued subject to any and all directives affecting reparations plants which have been issued or may hereafter be issued by the Supreme Commander for the Allied Powers. Reports will be rendered as required by current directives and instructions.

FOR THE CHIEF, ECONOMIC AND SCIENTIFIC SECTION:

1 Incl
as indicated. (dup)

MAURICE M. CLASS
Chief, Industry Division

Cys furnished:
CA Sec (dup)
CPC

MEMO FOR RECORD:

The above ltr is self-explanatory.

Mr. W.A. Thurman:
26-8485

M. M. C.

CA Sec Copy

TO : GENERAL HEADQUARTERS, SUPREME COMMANDER FOR THE ALLIED POWERS.

FROM : Reparations Agency, Tokyo.

SUBJECT: Application for Urgent Movement and Authorized Use of Reparations Equipment of Koami Plant (Code No. 13-83), Shibaura Koki Co., Ltd. Filed by Kobe Plant, "ZEMO" Manufacturing Works Inc. (Non-reparations plant).

H.A.R. No. 373 (MS)

22 February 1951.

1. The Reparations Agency hereby submits to your Headquarters an application for urgent movement and authorized use of 1 item of reparations equipment now lying idle in the Koami Plant (Code No. 13-83), Shibaura Koki Co., Ltd. filed by the Kobe Plant (Non-reparations plant), "ZEMO" Manufacturing Works, Inc., together with an application of the Ministry of International Trade and Industry, as enclosed herewith.
2. The above applied equipment is urgently required for the production of export machinery, especially for U.S.A.A., and its full utilization is earnestly asked by the applicant company.
3. This application has been investigated and has been coordinated with other interested government agencies.
4. It is requested that your most favorable consideration be given to this application at the earliest practicable date.

(Y. Katsuno)
Director, Reparations Division,
Reparations Agency.

- Incls:
- ~~a. Application of the Ministry of International Trade & Industry.~~
 - b. Application of the subject plant.

enc 1

THE "ZEWO" MANUFACTURING WORKS
KOBE, JAPAN.
P. O. BOX NO. 213

LIST OF THE DESIRED REPARATION DESIGNATED MACHINERY AND EQUIPMENT

Applicant: THE "ZEWO" Manufacturing Works

Name of Items	Name of mfg. Co.	Type & Dimension	Inventory No.	Operation or Idle	No. of Items	Remarks
Milling machine, Vertical	Tatayama Juko	Universal, No.3	13-83-IA7-1	Idle	1	

MI-12(2)

Ogimoto
WV
DA

KINKI INFORMATION:
FEB 27 1951
O.D. 11

GENERAL HEADQUARTERS
SUPREME COMMANDER FOR THE ALLIED POWERS
Economic and Scientific Section
APO 500

387.6(16 Feb 51)ESS/IND

WT/MWH/RAS/yy
16 February 1951

4878

MEMORANDUM FOR: Reparations Agency, Tokyo

SUBJECT: Application for Movement and Authorized Use
of Items Listed for Reparations

1. Reference is attached R.A.R. No. 1900 (MS), 22 December 1950, subject: Application for Movement and Authorized Use of Reparations Equipment of Miki Plant (Code No. 13-34), K.K. Kyowa Seisakusho (Former Kyowa Koku Kogyo K.K.) Filed by Hasegawa Seiki Kosakusho (Non-reparations plant).

2. The application requesting permission for the transfer and authorized use of the six (6) items of reparations machinery and equipment listed in reference 1, above, is approved as indicated below:

<u>Present Location</u>	<u>No. of Items</u>	<u>To Be Transferred To</u>
Kyowa Seisakusho K.K., Miki Plant (13-34)	6	Hasegawa Seiki Kosakusho 853, Kuboki, Fukuda-mura, Kato-gun, Hyogo Pref.

3. This permit is issued subject to any and all directives affecting reparations plants which have been issued or may hereafter be issued by the Supreme Commander for the Allied Powers. Reports will be rendered as required by current directives and instructions.

FOR THE CHIEF, ECONOMIC AND SCIENTIFIC SECTION:

1 Incl
as indicated. (dup)

MAURICE M. CLASS
Chief, Industry Division

Cys furnished:
CA Sec (dup)
CPC

MEMO FOR RECORD:

The above ltr is self-explanatory.

Mr. R.A. Steele:
26-7842

M. M. C.

CA Sec Copy

To : General Headquarters, Supreme Commander for the Allied Powers.

From : Reparations Agency, Tokyo.

Subject: Application for Movement and Authorized Use of Reparations Equipment of Miki Plant (Code No. 13-34), K.K. Kyowa Seisakusho (Former Kyowa Koku Kogyo K.K.) Filed by Hasegawa Seiki Kasekusho (Non-reparations plant).

R.A.R. No. 1900 (MS)

22 December 1950.

1. The Reparations Agency hereby submits to your Headquarters an application for movement and authorized use of 6 items of reparations equipment now lying idle in the Miki Plant (Code No. 13-34), K.K. Kyowa Seisakusho (Former Kyowa Koku Kogyo K.K.) filed by the Hasegawa Seiki Kasekusho (Non-reparations plant), together with an application of the Ministry of International Trade and Industry, as enclosed herewith.

2. This application has been investigated and has been coordinated with other interested government agencies.

3. It is requested that your most favorable consideration be given to this application at the earliest practicable date.

(Y..Katsuno)
Director, Reparations Division,
Reparations Agency.

Incls:

- a) ~~Application of the Ministry of International Trade & Industry.~~
- b) Application of the subject plant.

Incl 1

LIST OF THE DESIRED REPARATION DESIGNATED
MACHINERY AND EQUIPMENT

Applicant: Hasegawa Seiki Kosakusho

Name of Items	Name of Mfg. Co.	Type & Dimension	Inventory No.	Opera- tion or Idle	No. of Items	Remarks
Engine lathe, with Gap.	Unknown	Swing dia.: 900 mm	13-34- 3	Idle	1	Non-evaluated
Engine lathe, with Gap.	Unknown	Swing dia.: 800 mm	13-34- 4	Idle	1	"
Engine lathe, standard.	Osaka Seiki	Swing dia.: 360 mm	13-34- 6	Idle	1	"
Engine lathe, standard.	Osaka Seiki	Swing dia.: 360 mm	13-34- 7	Idle	1	"
Engine lathe,	Osaka Seiki	Swing dia.: 360 mm	13-34- 9	Idle	1	"
Drilling Machine, upright.	Unknown	Single spindle, Drilling capacity: 20 mm	13-34-191	Idle	1	"

Total.....6 Items

GENERAL HEADQUARTERS
SUPREME COMMANDER FOR THE ALLIED POWERS
Economic and Scientific Section
APO 500

WT/MWH/RAS/yy
16 February 1951

387.6(16 Feb 51)ESS/IND

MEMORANDUM FOR: Reparations Agency, Tokyo

SUBJECT: Application for Movement and Authorized Use
of Items Listed for Reparations

1. Reference is attached R.A.R. No. 1900 (MS), 22 December 1950, subject: Application for Movement and Authorized Use of Reparations Equipment of Miki Plant (Code No. 13-34), K.K. Kyowa Seisakusho (Former Kyowa Koku Kogyo K.K.) Filed by Hasegawa Seiki Kosakusho (Non-reparations plant).

2. The application requesting permission for the transfer and authorized use of the six (6) items of reparations machinery and equipment listed in reference 1, above, is approved as indicated below:

<u>Present Location</u>	<u>No. of Items</u>	<u>To Be Transferred To</u>
Kyowa Seisakusho K.K., Miki Plant (13-34)	6	Hasegawa Seiki Kosakusho 853, Kuboki, Fukuda-mura, Kato-gun, Hyogo Pref.

3. This permit is issued subject to any and all directives affecting reparations plants which have been issued or may hereafter be issued by the Supreme Commander for the Allied Powers. Reports will be rendered as required by current directives and instructions.

FOR THE CHIEF, ECONOMIC AND SCIENTIFIC SECTION:

1 Incl
as indicated. (dup)

MAURICE M. CLASS
Chief, Industry Division

Cys furnished:
CA Sec (dup)
CPC

MEMO FOR RECORD:

The above ltr is self-explanatory.

Mr. R.A. Steele:
26-7842

M. M. C.

CA Sec Copy

To : General Headquarters, Supreme Commander for the Allied Powers.

From : Reparations Agency, Tokyo.

Subject: Application for Movement and Authorized Use of Reparations Equipment of Miki Plant (Code No. 13-34), K.K. Kyowa Seisakusho (Former Kyowa Koku Kogyo K.K.) Filed by Hasegawa Seiki Kosakusho (Non-reparations plant).

R.A.R. No. 1900 (MS)

22 December 1950.

1. The Reparations Agency hereby submits to your Headquarters an application for movement and authorized use of 6 items of reparations equipment now lying idle in the Miki Plant (Code No. 13-34), K.K. Kyowa Seisakusho (Former Kyowa Koku Kogyo K.K.) filed by the Hasegawa Seiki Kosakusho (Non-reparations plant), together with an application of the Ministry of International Trade and Industry, as enclosed herewith.

2. This application has been investigated and has been coordinated with other interested government agencies.

3. It is requested that your most favorable consideration be given to this application at the earliest practicable date.

(Y..Katsuno)
Director, Reparations Division,
Reparations Agency.

Incls:

- a) ~~Application of the Ministry of International Trade & Industry.~~
- b) Application of the subject plant.

Incl 1

LIST OF THE DESIRED REPARATION DESIGNATED
MACHINERY AND EQUIPMENT

Applicant: Hasegawa Seiki Kosakusho

Name of Items	Name of Mfg. Co.	Type & Dimension	Inventory No.	Opera- tion or Idle	No. of Items	Remarks
Engine lathe, with Gap.	Unknown	Swing dia.: 900 mm	13-34- 3	Idle	1	Non-evaluated
Engine lathe, with Gap.	Unknown	Swing dia.: 800 mm	13-34- 4	Idle	1	"
Engine lathe, standard.	Osaka Seiki	Swing dia.: 360 mm	13-34- 6	Idle	1	"
Engine lathe, standard.	Osaka Seiki	Swing dia.: 360 mm	13-34- 7	Idle	1	"
Engine lathe,	Osaka Seiki	Swing dia.: 360 mm	13-34- 9	Idle	1	"
Drilling Machine, upright.	Unknown	Single spindle, Drilling capacity: 20 mm	13-34-191	Idle	1	"

Total.....6 Items

11-1e(2)

M. Steele

KINKI INFORMATION
FEB 26 1951
O.D. 11

GENERAL HEADQUARTERS
SUPREME COMMANDER FOR THE ALLIED POWERS
Economic and Scientific Section
APO 500

WT/MWH/RAS/yy
15 February 1951

387.6(15 Feb 51)ESS/IND

48/5

MEMORANDUM FOR: Reparations Agency, Tokyo

SUBJECT: Application for Movement and Authorized Use of Items Listed for Reparations

1. Reference is attached R.A.R. No. 1859 (MS), 20 December 1950, subject: Application for Movement and Authorized Use of Reparations Equipment of Four (4) Plants (Code No's 13-05, 13-13, 13-18 and 22-09) Filed by Honsha Kogyo, Daiken Kogyo K.K. (Non-reparations plant).

2. The application requesting permission for the transfer and authorized use of the 26 items of reparations machinery and equipment listed in reference 1, above, is approved as indicated below:

<u>Present Location</u>	<u>No. of Items</u>	<u>To Be Transferred To</u>
Meiwa Kogyo K.K. a. Himeji Plant (13-05) ✓	10	Daiken Kogyo K.K., Honsha Plant 6, Koro-mura, Kanzaki- gun, Hyogo Prefecture
b. Takarazuka Seisaku- sho (13-13)	12	
Kawasaki Sangyo K.K., Futami Plant (13-18)	1	"
Mitsubishi Jukogyo K.K., Katsura Plant (22-09)	3	"
Total	26	

3. This permit is issued subject to any and all directives affecting reparations plants which have been issued or may hereafter be issued by the Supreme Commander for the Allied Powers. Reports will be rendered as required by current directives and instructions.

FOR THE CHIEF, ECONOMIC AND SCIENTIFIC SECTION:

1 Incl
as indicated. (dup)
Cys furnished:
CA Sec (dup)
CPC

MAURICE M. CHASS
Chief, Industry Division

MEMO FOR RECORD:
The above ltr is self-explanatory.
Mr. R.A. Steele: M. M. C.
26-7842

E22
FEB 1951

1-1918

CA Sec Copy

TO : GENERAL HEADQUARTERS, SUPREME COMMANDER FOR THE ALLIED POWERS.

FROM : Reparations Agency, Tokyo.

SUBJECT: Application for Movement and Authorized Use of Reparations Equipment of Four (4) Plants (Code No's 13-05, 13-13, 13-18 and 22-09) Filed by Honsha Kogyo, Daiken Kogyo K.K. (Non-reparations plant).

R.A.R. No. 1859 (MS)

20 Dec. 1950.

1. The Reparations Agency hereby submits to your Headquarters an application for movement and authorized use of 26 items of reparations equipment now lying idle in the following four (4) plants (Code No's 13-05, 13-13, 13-18 and 22-09) filed by the Honsha Kogyo, Daiken Kogyo K.K. (Non-reparations plant), together with an application of the Ministry of International Trade and Industry, as enclosed herewith.

<u>Name of Plant</u>	<u>Code No.</u>	<u>No. of Item</u>
Meiwa Kogyo K.K. (Former Kawanishi Kokuki K.K.)		
a. Himeji Kojo	13-05	10
b. Takarazuka Seisakusho	13-13	12
Kawasaki Sangyo K.K. (Former Kawasaki Kokuki Kogyo K.K.) Futami Kojo	13-18	1
Mitsubishi Jukogyo K.K. Katsura Kojo (Former Daihachi Seisakusho)	22-09	3
		<hr/>
	Total:	26 items

Encl 1

2. Machines listed with Code No. 13-06 and 13-10 in the attached sheet are now concentrated in ~~to~~ the plant with Code No. 13-13.
3. This application has been investigated and has been coordinated with other interested government agencies.
4. It is requested that your most favorable consideration be given to this application at the earliest practicable date.

(Y. Katsuno)
Director, Reparations Division,
Reparations Agency.

Incls:

- a) ~~Application of the Ministry
of International Trade &
Industry.~~
- b) Application of the subject
plant.

LIST OF DESIRED REPARATION DESIGNATED MACHINERY AND EQUIPMENT

Applicant: Daiken Kogyo K.K.

(Daiken Industrial Co.,Ltd.)

M. E.: Miscellaneous Equipment.

I. F.: Integrated Facility.

Belonging to Himeji Kojo, Meiwa Kogyo K.K.

Name of Items	Name of Mfg.Co.	Type & Dimension	Inventory No.	Operation or Idle	No. of Items	Remarks Section Work Name Sheet
Lathe Engine.	Kiriu Kikai.	4'-0"	13-05-11	Idle	1	M.E. 4
"	"	4'-0"	13-05-12	"	1	" 3
"	"	4'-0"	13-05-31	"	1	" 2
"	"	4'-0"	13-05-77	"	1	" 3
"	Shimamoto Tekko.	6'-0"	13-05-139	"	1	" 50
"	"	6'-0"	13-05-145	"	1	" 15
"	Kiriu Kikai.	4'-0"	13-05-203	"	1	" 22
"	Shimamoto Tekko.	6'-0"	13-05-217	"	1	" 50
Grinder Stand & Snugging.	Washino Seiki.	350.65	13-05-242	"	1	" 21
Lathe Engine.	Shimamoto Tekko.	6'-0"	13-05-438	"	1	" 46
Total					10	Items.

Belonging to Takarazuka Seisakusho, Meiwa Kogyo K.K.

Name of Items	Name of Mfg. Co.	Type & Dimension	Inventory No.	Operation or Idle	No. of Items	Remarks Section work Name Sheet
Grinder, Special, Drillpoint, thinner.	Oshima Seisaku.	230.40	13-06-81	Idle	1	M. E. 108
Grinder, Tool, Stand.	Washino Seiki.	350.50	13-06-343	"	1	" 138
Drilling machine, Automatic, Upright.	Towa Kikai.	30. mm	13-10-25	"	1	" 74
Machine, Knee, Horizontal.	Hitachi Kosaku.	No. 2	13-10-75	"	1	" 368
"	"	No. 2	13-10-82	"	1	" 368
Milling Machine, Knee, Vertical.	Hitachi Kosaku.	2-M	13-10-170	"	1	" 366
Lathe, Turret, Ram.	Hitachi Seiki.	T-3	13-13-554	"	1	I. P. 328
Grinder, Surface.	Washino Seiki.	180.15	13-13-576	"	1	" 317
Drilling Machine, Automatic feed, Upright.	Towa Kikai.	30m/m	13-13-618	"	1	" 316
Lathe, Turret, Ram.	Hitachi Seiki.	T-3	13-13-640	"	1	" 327
"	"	T-3	13-13-642	"	1	" 327
Drilling Machine, Radial.	Dainihon Koki.	1m	13-13-966	"	1	M. E. 126

Total 12 Items.

Notes:

Reparation machinery which are written ^{under} Code No.13-06, 13-10, are belonging to following Plant, (former) Kawanishi Kokuki K.K. (Present name: Meiwa Kogyo K.K.)

Kashio Kojo. (13-06)- Kashio, Kuraudo, Ryogen-mura, Muko-gun, Hyogo-ken.

Namaze Kojo. (13-10)- Namaze, Shiose-mura, Arima-gun, Hyogo-ken.

But now they are collected and evaluated in Takarazuka Seisakusho Meiwa Kogyo K.K. (Code No.13-13)

Belonging to Futami Kojo, Kawasaki Sangyo K.K.

Name of Items	Name of Mfg. Co.	Type & Dimension	Inventory No.	Operation No. or Idle	No. of Items	Remarks Section Name	Work Sheet
Lapping External.	Shinagawa Seiki.	Max Work Dim. 620x300x120	13-18-244	Idle	1	M. E.	64
Total					1	Items.	

Belonging to Katsura Kojo, Mitsubishi Jyukogyo K.K.

Name of Items	Name of Mfg. Co.	Type & Dimension	Inventory No.	Operation No. or Idle	No. of Items	Remarks Section Name	Work Sheet
Boring Machine (Special)	Kawashima Kikai	600x600	22-09-411	Idle	1	M. E.	21

Name of Items	Name of Mfg.Co.	Type & Dimension	Inventory No.	Operation or Idle	No.of Items	Remarks Section work Name Sheet
Grinder Surface.						
	Sansei Seisaku.	300 mm H 600x1500	22-09-994	Idle	1	M.E. 79
Lathe Face.	Shoun Kosaku.	M.G.M. 1000x2850	22-09-1147	"	1	A.U. 55 (Cancelled on 26 Aug. 1949)

Total 3 Items.

Grand Total 26 Items.

GENERAL HEADQUARTERS
SUPREME COMMANDER FOR THE ALLIED POWERS
Economic and Scientific Section
APO 500

387.6(15 Feb 51)ESS/IND

WT/MWH/RAS/yy
15 February 1951

MEMORANDUM FOR: Reparations Agency, Tokyo

SUBJECT: Application for Movement and Authorized Use
of Items Listed for Reparations

1. Reference is attached R.A.R. No. 1859 (MS), 20 December 1950, subject: Application for Movement and Authorized Use of Reparations Equipment of Four (4) Plants (Code No's 13-05, 13-13, 13-18 and 22-09) Filed by Honsha Kojyo, Daiken Kogyo K.K. (Non-reparations plant).

2. The application requesting permission for the transfer and authorized use of the 26 items of reparations machinery and equipment listed in reference 1, above, is approved as indicated below:

<u>Present Location</u>	<u>No. of Items</u>	<u>To Be Transferred To</u>
Meiwa Kogyo K.K. a. Himeji Plant (13-05)	10	Daiken Kogyo K.K., Honsha Plant
b. Takarazuka Seisaku- sho (13-13)	12	6, Koro-nura, Kansaki- gun, Hyogo Prefecture
Kawasaki Sangyo K.K., Futami Plant (13-18)	1	"
Mitsubishi Jukogyo K.K., Katsura Plant (22-09)	3	"
Total	26	

3. This permit is issued subject to any and all directives affecting reparations plants which have been issued or may hereafter be issued by the Supreme Commander for the Allied Powers. Reports will be rendered as required by current directives and instructions.

FOR THE CHIEF, ECONOMIC AND SCIENTIFIC SECTION:

1 Incl
as indicated. (dup)
Cys furnished:
CA Sec (dup)
CPC

MAURICE M. CLASS
Chief, Industry Division
MEMO FOR RECORD:
The above ltr is self-explanatory.
Mr. R.A. Steele: M. M. C.
26-7842

CA Sec Copy

TO : GENERAL HEADQUARTERS, SUPREME COMMANDER FOR THE ALLIED POWERS.

FROM : Reparations Agency, Tokyo.

SUBJECT: Application for Movement and Authorized Use of Reparations Equipment of Four (4) Plants (Code No's 13-05, 13-13, 13-18 and 22-09) Filed by Honsha Kogyo, Daiken Kogyo K.K. (Non-reparations plant).

R.A.R. No. 1859 (MS)

20 Dec. 1950.

1. The Reparations Agency hereby submits to your Headquarters an application for movement and authorized use of 26 items of reparations equipment now lying idle in the following four (4) plants (Code No's 13-05, 13-13, 13-18 and 22-09) filed by the Honsha Kogyo, Daiken Kogyo K.K. (Non-reparations plant), together with an application of the Ministry of International Trade and Industry, as enclosed herewith.

<u>Name of Plant</u>	<u>Code No.</u>	<u>No. of Item</u>
Meiwa Kogyo K.K. (Former Kawanishi Kokuki K.K.)		
a. Himeji Kojo	13-05	10
b. Takarazuka Seisakusho	13-13	12
Kawasaki Sangyo K.K. (Former Kawasaki Kokuki Kogyo K.K.)		
Putami Kojo	13-18	1
Mitsubishi Jukogyo K.K. Katsura Kojo (Former Daihachi Seisakusho)	22-09	3
		<hr/>
	Total:	26 items

Encl 1

2. Machines listed with Code No. 13-06 and 13-10 in the attached sheet are now concentrated in to the plant with Code No. 13-13.
3. This application has been investigated and has been coordinated with other interested government agencies.
4. It is requested that your most favorable consideration be given to this application at the earliest practicable date.

(Y. Matsuno)
Director, Reparations Division,
Reparations Agency.

Incls:

- a) ~~Application of the Ministry
of International Trade &
Industry.~~
- b) Application of the subject
plant.

LIST OF THE DESIRED REPARATION DESIGNATED MACHINERY AND EQUIPMENT

Applicant: Daiken Kogyo K.K.

(Daiken Industrial Co., Ltd.)

M. E.: Miscellaneous Equipment.

I. F.: Integrated Facility.

Belonging to Himeji Kojo, Meiwa Kogyo K.K.

Name of Items	Name of Mfg.Co.	Type & Dimension	Inventory No.	Operation or Idle	No. of Items	Remarks Section Work Name Sheet
Lathe Engine.	Kiriu Kikai.	4'-0"	13-05-11	Idle	1	M. E. 4
"	"	4'-0"	13-05-12	"	1	" 3
"	"	4'-0"	13-05-31	"	1	" 2
"	"	4'-0"	13-05-77	"	1	" 3
"	Shimamoto Tekko.	6'-0"	13-05-139	"	1	" 50
"	"	6'-0"	13-05-145	"	1	" 15
"	Kiriu Kikai.	4'-0"	13-05-203	"	1	" 22
"	Shimamoto Tekko.	6'-0"	13-05-217	"	1	" 50
Grinder Stand & Snugging.	Washino Seiki.	350.65	13-05-242	"	1	" 21
Lathe Engine.	Shimamoto Tekko.	6'-0"	13-05-438	"	1	" 46
Total					10	Items.

Belonging to Takarazuka Seisakusho, Meiwa Kogyo K.K.

Name of Items	Name of Mfg. Co.	Type & Dimension	Inventory No.	Operation or Idle	No. of Items	Remarks Section work Name Sheet
Grinder, Special. Drillpoint, thinner.	Oshima Seisaku.	230x40	13-06-81	Idle	1	M. E. 108
Grinder, Tool, Stand.	Washino Seiki.	350x50	13-06-343	"	1	" 138
Drilling machine, Automatic, Upright.	Towa Kikai.	30mm	13-10-25	"	1	" 74
Machine, Knee, Horizontal.	Hitachi Kosaku.	No. 2	13-10-75	"	1	" 368
"	"	"	13-10-82	"	1	" 368
Milling Machine, Knee, Vertical.	Hitachi Kosaku	2-M	13-10-170	"	1	" 366
Lathe, Turret, Ram.	Hitachi Seiki.	T-3	13-13-554	"	1	L. E. 328
Grinder, Surface.	Washino Seiki.	180x15	13-13-576	"	1	" 317
Drilling Machine, Automatic feed, Upright.	Towa Kikai	30m/m	13-13-618	"	1	" 316
Lathe, Turret, Ram.	Hitachi Seiki	T-3	13-13-640	"	1	" 327
"	"	"	13-13-642	"	1	" 327
Drilling Machine, Radial.	Dainihon Koki.	1m	13-13-966	"	1	M. E. 126
Total					12	Items.

Notes:

Reparation machinery which are written ^{under} Code No. 13-06, 13-10, are belonging to following Plant, (former) Kawanishi Kokuki K.K. (Present name: Meiwa Kogyo K.K.)

Kashio Kojo. (13-06)-Kashio Kurando, Ryogen-mura, Mako-gun, Hyogo-ken.

Namaze Kojo. (13-10)-Namaze, Shiase-mura, Arima-gun, Hyogo-ken.

But now they are collected and evaluated in Takarazuka Seisakusho Meiwa Kogyo K.K. (Code No.13-13)

Belonging to Futami Kojo, Kawasaki Sangyo K.K.

Name of Items	Name of Mfg. Co.	Type & Dimension	Inventory No.	Operation or Idle	No. of Items	Remarks Section Name	Work Sheet
Lapping External.	Shinagawa Seiki.	Max Work Dim 620x300x120	13-18-244	Idle	1	M. E.	64
Total					1	Items.	

Belonging to Katsura Kojo, Mitsubishi Jyukogyo K.K.

Name of Items	Name of Mfg. Co.	Type & Dimension	Inventory No.	Operation or Idle	No. of Items	Remarks Section Name	Work Sheet
Boring Machine. (Special)	Kawashima Kikai.	600x600	22-09-411	Idle	1	M. E.	21

Name of Items	Name of Mfg.Co.	Type & Dimension	Inventory No.	Operation or Idle	No. of Items	Remarks Section Name	Work Sheet
Grinder Surface	Sansei Seisaku.	300-H 600x1500	22-09-994	Idle	1	M.E.	79
Lathe Face.	Shoun Kosaku.	M.G.M. 1000x2850	22-09-1147	"	1	A.U. (Cancelled on 26 Aug 1949.)	55

Total 3 Items.

Grand Total 26 Items.

DECLASSIFIED E.O. 13526

xx

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

20 Nov. 1950

TO: Ministry of International Trade and Industry.

FROM: Daiken Kogyo K.K. (Daiken Industrial Co.,Ltd.)

Address: 6 Koro-mura, Kanzaki-gun, Hyogo-ken.

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

Name: Honsha Kojo, Daiken Kogyo K.K. (Non-reparation plant)

Location: 6 Koro-mura, Kanzaki-gun, Hyogo-ken.

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

Name of Co.	Location	Code No.	Category
<u>Meiwa Kogyo K.K.</u> (Former: Kawanishi Kokuki K.K.)			
Himeji Kojo.	Hyogo-ken	13-05	Aircraft
Takarazuka Seisakusho.	"	13-13	"
<u>Kawasaki Sangyo K.K.</u> (Former: Kawasaki Kokuki Kogyo K.K.)			
Futami Kojo.	"	13-18	"
<u>Mitsubishi Jukogyo K.K.</u> (Former : Daihachi Seisakusho)			
Katsura Kojo.	Kyoto-hu	22-09	"

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

Name of Co.	Items	No. of Items	Operation or Idle
<u>Meiwa Kogyo K.K.</u>			
Himeji Kojo.	Machine tools	10	Idle
Takarazuka Seisakusho.	"	12	"
<u>Kawasaki Sangyo K.K.</u>			
Futami Kojo.	"	1	"
<u>Mitsubishi Jyukogyo K.K.</u>			
Katsura Kojo.	"	3	"

(As attach sheet)

Total 26 Items.

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

a) Career of the company.

Daiken Kogyo K.K. (The Daiken Industrial Co.,Ltd.) was established in October 1946 at Koro-mura, Kanzaki-gun, Hyogo-ken, separated from Hasegawa Tetsukosho (Osaka). Refrigerating industry had been almost interrupted after the war, but our company has made a great effort with 40 years studies and rich experiences to contribute to progress of peaceful country and civil society. As the progress of the works, we demanded for extend of our plant, so the new branch plant was established in November 1949 at Osaka. At present 120 workers are engaged in Honsha Kojo, and 53 workers are engaged in Osaka Kojo. Honsha Kojo is producing about ¥17,000,000., Osaka Kojo about ¥5,000,000., every month.

Demand for refrigerating equipment in our country is increasing year after year. We have exported to Pakistan, Siam, Formosa, recently, and we have many orders and inquiries from these countries at present. Still more, we have an intention to improve and to devise manufactures, and our president is on a visiting to America, for study their modern advanced technique and branch manager is on a visiting to Pakistan for inspect general condition .

b) General condition and plan of Honsha Kojo.

1) Production.

- * Ammonia compressors for industry and commercial, and parts.
- * Ice making machine and equipment.
- * Cold storage and Air conditioning.
- * Common refrigerating machines.

2) Employees.

Present employees	120	workers.
Plan of reinforce	60	workers.

Total 180 workers.

3) The company possess machines.

Tool machines	39.
Besides	10.

4) Productive capacity and plan.

Items	Type & Dimension	Monthly output	Productive Plan	Price a piece
Refrigerator	Ammonia 1H.P.	5	10	¥ 160.000
"	" 2H.P.	20	25	¥ 200.000
"	" 3H.P.	50	85	¥ 230.000
Total		75	120	

c) Reason of necessity to utilize listed reparation machinery.

According to increase of demand for refrigerating machines in and out, the machine tools are requested for more high capacity and the factory must be extended. These are reason of necessity for use exquisite and efficient machines. In order to get the listed machinery at the market, it is very difficult to attain our purpose in capital and in time, because some of them are unable to buy and others are very expensive. So we want to use 26 idle machines in reparation machinery and equipment by this application.

d) Object for use application Machinery.

Items	Present No. of Items	Applicant No. of Items	Article worked
Lathe Engine	17	9	All type refrigerator
Lathe Turret		3	Valve, Bolt, Nut.
Grinder stand & Snugging	2	2	Each tool grinding.
Drilling Machine	4	3	Bed, Cylinder.
Grinder Surface		1	Valve, Valve seat.
Grinder, External cylindrical, Universal.		1	Cylinder.

Items	Present NO. of Items	Applicant No. of Items	Article Worked
Shaper Horizontal	4		Crank shaft.
Milling Machine Horizontal.	2	2	Valve, Spindle.
Milling Machine Vertical.	2	1	Cylinder, Valve Shaft.
Etc .	10	4	
Total 41 Items		26 Items	

Our machine are very insufficiency in capacity, productive efficiency, therefore production cost getting high.

Toshio Suyari

Toshio Suyari, President,
Daiken Industrial Co., Ltd.

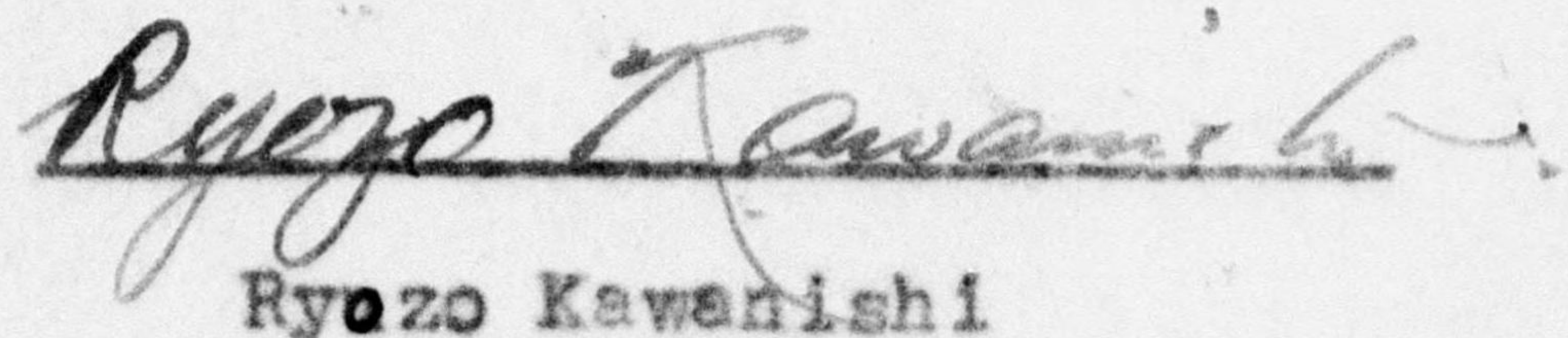
LETTER OF ASSENT

Date. 16th Nov. 1950

TO: Ministry of International Trade and Industry.

FROM: Chief Custodian of Himeji Kojo and Takarazuka Seisakusho, Meiwa
Kogyo K.K. (Former: Kawanishi Kokuki K.K.)

I have no objection pertaining to rent of the reparation designated
machinery and equipment, belonging to Himeji Kojo and Takarazuka
Seisakusho, Meiwa Kogyo K.K., list of which is attached to the application
herein and movement of the same to Honsha Kojo, Daiken Kogyo K.K.
(Daiken Industrial Co. Ltd.)



Ryozo Kawanishi

Chief Custodian of Himeji Kojo. (Code No.
13-05) & Takarazuka Seisakusho. (Code No.
13-13) Meiwa Kogyo K.K.

(Former: Kawanishi Kokuki K.K.)

LETTER OF ASSENT

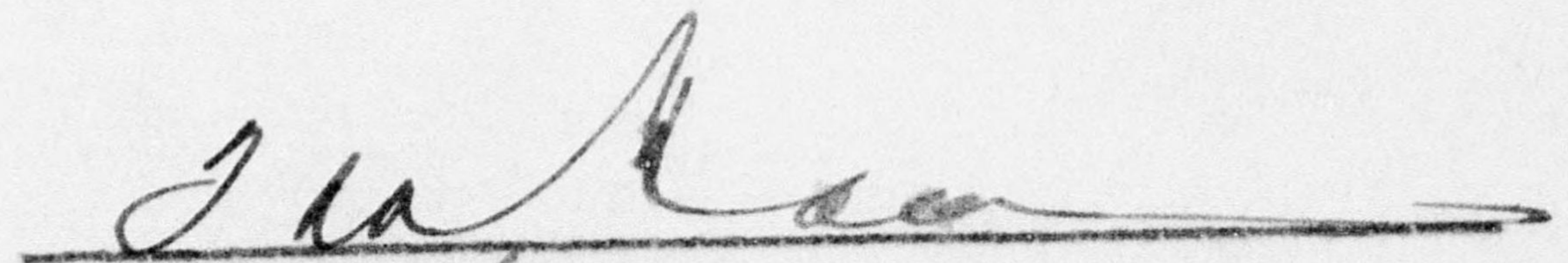
9th November 1950.

TO: Ministry of International Trade and Industry.

FROM: Chief Custodian (Senior Liquidator) of Katsura Plant, Mitsubishi Heavy-Industries, Ltd.

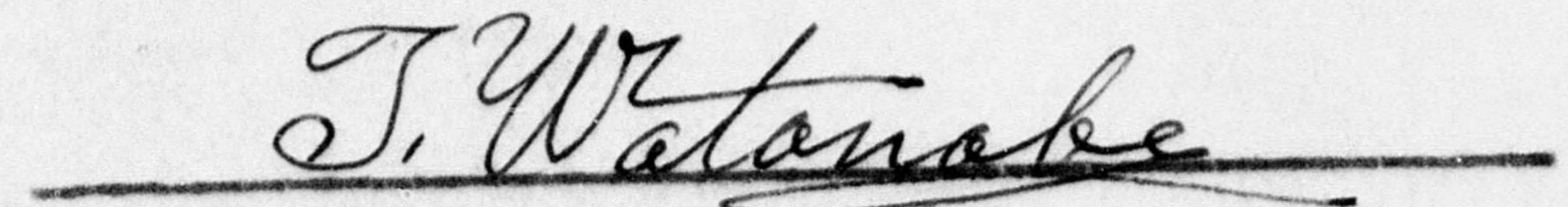
(Formerly: Daihachi Selsakusho)

I have no objection pertaining to rent of the reparation designated machinery and equipment 3 sets, belonging to Katsura Plant, Mitsubishi Heavy-Industries, Ltd, list of which is attached to the application herein and movement of the same to Honsha Kojo, Daiken Kogyo K.K. (Daiken Industrial Co., Ltd.)



Yasujiro Okano

Chief Custodian (Senior Liquidator)
Mitsubishi Heavy-Industries, Ltd.



Toshiaki Watanabe

Custodian of No.8 Works (Code No.22-09)
Mitsubishi Heavy-Industries, Ltd.

LETTER OF ASSENT

30 October 1950.

TO: Ministry of International Trade and Industry.

FROM: Chief Custodian of Futami Kojo, Kawasaki Sangyo K.K.

(Formerly: Kawasaki Kokuki Kogyo K.K.)

I have no objection pertaining to rent of the reparation designated machinery and equipment, belonging to Futami Kojo, Kawasaki Sangyo K.K., list of which is attached to the application herein and movement of the same to Honsha Kojo, Daiken Kogyo K.K. (Daiken Industrial Co., Ltd.)

Ryuzo Takata
Ryuzo Takata

Chief Custodian of Futami Kojo
Kawasaki Sangyo K.K.

(Code No. 13-18)

LIST OF DESIRED REPARATION DESIGNATED MACHINERY AND EQUIPMENT

Applicant: Daiken Kogyo K.K.

(Daiken Industrial Co.,Ltd.)

M. E.: Miscellaneous Equipment.

I. F.: Integrated Facility.

Belonging to Himeji Kojo, Meiwa Kogyo K.K.

Name of Items	Name of Mfg.Co.	Type & Dimension	Inventry No.	Operation or Idle	No.of Items	Remarks Section Name	Work Sheet
Lathe Engine.	Kiriu Kikai.	4'-0"	13-05-11	Idle	1	M.E.	4
"	"	4'-0"	13-05-12	"	1	"	3
"	"	4'-0"	13-05-31	"	1	"	2
"	"	4'-0"	13-05-77	"	1	"	3
"	Shimamoto Tekko.	6'-0"	13-05-139	"	1	"	50
"	"	6'-0"	13-05-145	"	1	"	15
"	Kiriu Kikai.	4'-0"	13-05-203	"	1	"	22
"	Shimamoto Tekko.	6'-0"	13-05-217	"	1	"	50
Grinder Stand & Snugging.	Washino Seiki.	350.65	13-05-242	"	1	"	21
Lathe Engine.	Shimamoto Tekko.	6'-0"	13-05-438	"	1	"	46
Total					10 Items.		

Belonging to Takarazuka Seisakusho, Meiwa Kogyo K.K.

Name of Items	Name Mfg. Co.	Type & Dimension	Inventry No.	Operation or Idle	No. of Items	Remarks Section Work Name	Sheet
Grider, Special, Drillpoint, thinner.	Oshima Seisaku.	230x40	13-06-81	Idle	1	M. E.	108
Grinder, Tool, Stand.	Washino Seiki.	350x50	13-06-343	"	1	"	138
Drilling Machine, Automatic, Upright.	Towa Kikai.	30 mm	13-10-25	"	1	"	74
Machine, Knee, Horizontal	Hitachi Kosaku.	No. 2	13-10-75	"	1	"	368
"	"	"	13-10-82	"	1	"	368
Milling Machine, Knee, Vertical.	Hitachi Kosaku.	2-M	13-10-170	"	1	"	366
Lathe, Turret, Ram.	Hitachi Seiki.	T-3	13-13-554	"	1	I. F.	328
Grinder, Surface.	Washino Seiki.	180x15	13-13-576	"	1	"	317
Drilling Machine, Automatic feed, Upright.	Towa Kikai.	30m/m	13-13-618	"	1	"	316
Lathe, Turret, Ram.	Hitachi Seiki.	T-3	13-13-640	"	1	"	327
"	"	"	13-13-642	"	1	"	327
Drilling Machine, Radial.	Dainihon Koki.	1m	13-13-966	"	1	M. E.	126
Total					12	Items.	

Notes:

Reparation machinery which are written ^{under} Code No. 13-06, 13-10, are belonging to following plant. (former) Kawanishi Kokuji K.K. (Present name : Meiwa Kogyo K.K.)

Kashio Kojo. (13-06)- Kashio, Kurauo, Ryogen-mura, Mako-gun, Hyogo-ken.

Namaze Kojo. (13-10)- Namaze, Shiase-mura, Arima-gun, Hyogo-ken.

But now they are collected and evaluated in Takarazuka Seisakusho, Meiwa Kogyo K.K. (Code No. 13-13)

Belonging to Futami Kojo, Kawasaki Sangyo K.K.

Name of Items	Name of Mfg. Co.	Type & Dimension	Inventory No.	Operation or Idle	No. of Items	Remarks Section Name	Work Sheet
Lapping External	Shinagawa Seiki.	Max Work Dim. 620x300x120	13-18-244	Idle	1	M. E.	64

Total 1 Items.

Belonging to Katsura Kojo, Mitsubishi Jyukogyo K.K.

Name of Items	Name of Mfg. Co.	Type & Dimension	Inventory No.	Operation or Idle	No. of Items	Remarks Section Name	Work Sheet
Boring Machine (Special)	Kawashima Kikai	600x600	22-09-411	Idle	1	M. E.	21

Name of Items	Name of Mfg.Co.	Type & Dimension	Inventory No.	Operation or Idle	No. of Items	Remarks Section work Name Sheet
Grinder Surface.						
	Sansei Seisaku.	^{300-H} 600x1500	22-09-994	Idle	1	M.E. 79
Lathe Face.	Shoun Kosaku.	M.G.M. 1000x2850	22-09-1147	"	1	A.U. 55 (Cancelled on 26 Aug. 1949)

Total 3 Items.

Grand Total 26 Items.

MI-1e(2)

Ogimoto
Mr. [unclear]

GENERAL HEADQUARTERS
SUPREME COMMANDER FOR THE ALLIED POWERS
Economic and Scientific Section
APO 500

KINKI INFORMATION
O.D. 1/1

FEB 26 1951

CA Sec Copy

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387.6(13 Feb 51)ESS/IND

WT/MWH/RAS/yy
13 February 1951

MEMORANDUM FOR: Reparations Agency, Tokyo

SUBJECT: Application for Movement and Authorized Use
of Items Listed for Reparations

1. Reference is attached R.A.R No. 1735 (MS), 6 December 1950, subject: Application for Movement and Authorized Use of Reparations Equipment of Kanzaki Plant (Code No. 13-44), Fuso Metal Industries, Ltd. Filed by Steel Works (Non-reparations plant) Shin-Fuso Metal Industries, Ltd.

2. The application requesting permission for the transfer and authorized use of the two (2) items of reparations machinery and equipment listed in reference 1, above, is approved as indicated below:

<u>Present Location</u>	<u>No. of Items</u>	<u>To Be Transferred To</u>
Fuso Metal Industries, Ltd., Kanzaki Plant (13-44)	2	Shin-Fuso Metal Industries, Ltd., Steel Works 249, Shimayacho, Konohana-Ku, Osaka City, Osaka Pref

3. This permit is issued subject to any and all directives affecting reparations plants which have been issued or may hereafter be issued by the Supreme Commander for the Allied Powers. Reports will be rendered as required by current directives and instructions.

FOR THE CHIEF, ECONOMIC AND SCIENTIFIC SECTION:

1 Incl
as indicated.
(dup)

MAURICE M. CLASS
Chief, Industry Division

Cys furnished:
CA Sec (dup)
CPC

MEMO FOR RECORD:

The above ltr is self-explanatory.

Mr. R.A. Steele:
26-7842

M. M. C.

Info. copy not received
by this hq.

TO : GENERAL HEADQUARTERS, SUPREME COMMANDER FOR THE ALLIED POWERS.

FROM : Reparations Agency, Tokyo.

SUBJECT: Application for Movement and Authorized Use of Reparations Equipment of Kanzaki Plant (Code No. 13-44), Fuso Metal Industries, Ltd. Filed by Steel Works (Non-reparations plant) & Shin-Fuso Metal Industries, Ltd.

R.A.R. No. 1735 (MS)

6 December 1950.

1. The Reparations Agency hereby submits to your Headquarters an application for movement and authorized use of 2 items of reparations equipment now lying idle in the Kanzaki Plant (Code No. 13-44), Fuso Metal Industries, Ltd. filed by the Steel Works (Non-reparations plant), Shin-Fuso Metal Industries, Ltd., together with an application of the Ministry of International Trade and Industry, as enclosed herewith.
2. This application has been investigated and has been coordinated with other interested government agencies.
3. It is requested that your most favorable consideration be given to this application at the earliest practicable date.

(Y. Katsumo)
Director, Reparations Division,
Reparations Agency.

Incls:

- a) Application of the Ministry of International Trade & Industry.
- b) Application of the subject company.

encl 1



LIST OF THE DESIRED REPARATION

DESIGNATED MACHINERY AND EQUIPMENT

Applicant, Steel Works,
Shin-Fuso Metal Industries, Ltd.
249, Shimayacho, Konohana-ku,
Osaka City.

Actually stored: Kanzaki Plant
Fuso Metal Industries, Ltd.

Name of Items	Name of Mfg. Co.	Type and Dimension	Inventory No.	Operation or Idle	No. of Items	Remarks	
						Evaluated Section of Evaluation	Plant Page
Lathe	American	L520xW220xH170 27"x14'	13-44- 882	Idle	1	Miscellaneous Equipment	139
Lathe	"	L380xW220xH170 24"x10'	13-44- 1245	"	1	"	230
Total					2		

GENERAL HEADQUARTERS
SUPREME COMMANDER FOR THE ALLIED POWERS
Economic and Scientific Section
APO 500

387.6(13 Feb 51)ESS/IND

WT/MWH/RAS/vy
13 February 1951

MEMORANDUM FOR: Reparations Agency, Tokyo

SUBJECT: Application for Movement and Authorized Use
of Items Listed for Reparations

1. Reference is attached R.A.R No. 1735 (MS), 6 December 1950, subject: Application for Movement and Authorized Use of Reparations Equipment of Kanzaki Plant (Code No. 13-44), Fuso Metal Industries, Ltd. Filed by Steel Works (Non-reparations plant) Shin-Fuso Metal Industries, Ltd.

2. The application requesting permission for the transfer and authorized use of the two (2) items of reparations machinery and equipment listed in reference 1, above, is approved as indicated below:

<u>Present Location</u>	<u>No. of Items</u>	<u>To Be Transferred To</u>
Fuso Metal Industries, Ltd., Kanzaki Plant (13-44)	2	Shin-Fuso Metal Industries, Ltd., Steel Works 249, Shimayacho, Konohana-Ku, Osaka City, Osaka Pref

3. This permit is issued subject to any and all directives affecting reparations plants which have been issued or may hereafter be issued by the Supreme Commander for the Allied Powers. Reports will be rendered as required by current directives and instructions.

FOR THE CHIEF, ECONOMIC AND SCIENTIFIC SECTION:

1 Incl
as indicated.
(dup)

MAURICE M. CLASS
Chief, Industry Division

Cys furnished:
CA Sec (dup)
CPC

MEMO FOR RECORD:

The above ltr is self-explanatory.

Mr. R.A. Steele:
26-7842

M. M. C.

CA Sec Copy

TO : GENERAL HEADQUARTERS, SUPREME COMMANDER FOR THE ALLIED POWERS.

FROM : Reparations Agency, Tokyo.

SUBJECT: Application for Movement and Authorized Use of Reparations Equipment of Kanzaki Plant (Code No. 13-44), Fuso Metal Industries, Ltd. Filed by Steel Works (Non-reparations plant) & Shin-Fuso Metal Industries, Ltd.

R.A.R. No. 1735 (MS)

6 December 1950.

1. The Reparations Agency hereby submits to your Headquarters an application for movement and authorized use of 2 items of reparations equipment now lying idle in the Kanzaki Plant (Code No. 13-44), Fuso Metal Industries, Ltd. filed by the Steel Works (Non-reparations plant), Shin-Fuso Metal Industries, Ltd., together with an application of the Ministry of International Trade and Industry, as enclosed herewith.
2. This application has been investigated and has been coordinated with other interested government agencies.
3. It is requested that your most favorable consideration be given to this application at the earliest practicable date.

(Y. Katsuno)
Director, Reparations Division,
Reparations Agency.

Incls:

- a) Application of the Ministry of ~~International Trade & Industry~~ Industry.
- b) Application of the subject company.

Incl 1

LIST OF THE DESIRED REPARATION
DESIGNATED MACHINERY AND EQUIPMENT

Applicant, Steel Works,
Shin-Fuso Metal Industries, Ltd.
249, Shimayacho, Konohana-ku,
Osaka City.

Actually stored: Kanzaki Plant
Fuso Metal Industries, Ltd.

Name of Items	Name of Mfg. Co.	Type and Dimension	Inventory No.	Operation or Idle	No. of Items	Remarks	
						Evaluated Section of Evaluation	Plant Page
Lathe	American	L520xW220xH170 27"x14'	13-44- 882	Idle	1	Miscellaneous Equipment	139
Lathe	"	L380xW220xH170 24"x10'	13-44- 1245	"	1	"	230
Total					2		

M1-1e2

Original
M. M. C.

KINKI
FEB 15 1951
O.D. 11
INFORMATION:
M

GENERAL HEADQUARTERS
SUPREME COMMANDER FOR THE ALLIED POWERS
Economic and Scientific Section
APO 500

416^a

387.6(13 Feb 51)ESS/IND

WT/MWH/RAS/yy
13 February 1951

MEMORANDUM FOR: Reparations Agency, Tokyo

SUBJECT: Application for Movement and Authorized Use
of Items Listed for Reparations

1. Reference is attached R.A.R. No. 1755 (MS), 6 December 1950, subject: Application for Movement and Authorized Use of Reparations Equipment of 2 Plants of Kawasaki Sangyo K.K. Filed by Akenobe Kogyosho, Taihei Kogyo K.K. (Non-reparations Plant).

2. The application requesting permission for the transfer and authorized use of the seven (7) items of reparations machinery and equipment listed in reference 1, above, is approved as indicated below:

<u>Present Location</u>	<u>No. of Items</u>	<u>To Be Transferred To</u>
Kawasaki Sangyo K.K.		Taihei Kogyo K.K., Akenobe Kogyosho
a. Futami Plant (13-18)	1	1085, Wada, Minamitanimura, Yabu-gun, Hyogo Pref
b. Hokuban Plant (13-20)	6	
Total	7	

3. This permit is issued subject to any and all directives affecting reparations plants which have been issued or may hereafter be issued by the Supreme Commander for the Allied Powers. Reports will be rendered as required by current directives and instructions.

FOR THE CHIEF, ECONOMIC AND SCIENTIFIC SECTION:

1 Incl
as indicated.
(dup)

MAURICE M. CLASS
Chief, Industry Division

Cys furnished:
CA Sec (dup)
CPC

MEMO FOR RECORD:

The above ltr is self-explanatory.

Mr. R.A. Steele:
26-7842

M. M. C.

CA Sec Copy

1-1889

To : General Headquarters, Supreme Commander for the Allied Powers.
From : Reparations Agency, Tokyo.
Subject: Application for Movement and Authorized Use of Reparations
Equipment of 2 Plants of Kawasaki Sangyo K.K. Filed by
Akenobe Kogyosho, Taihei Kogyo K.K. (non-reparations plant).

RAR No. 1755 (MS)

6 December 1950.

1. The Reparations Agency hereby submits to your Headquarters an application for movement and authorized use of 7 items of reparations equipment now lying idle in the following 2 plants of the Kawasaki Sangyo K.K. filed by the Akenobe Kogyosho, Taihei Kogyo K.K. (non-reparations plant), together with an application of the Ministry of International Trade and Industry as enclosed herewith:

<u>Name of Plant</u>	<u>Code No.</u>	<u>No. of Items</u>
Futami Plant	13-18	1
Hokuban Plant	13-20	6
		<u>Total: 7 items</u>

2. This application has been investigated and has been coordinated with other interested government agencies.

3. It is requested that your most favorable consideration be given to this application at the earliest practicable date.

(Y^o Katsuno)
Director, Reparations Division,
Reparations Agency.

Incls:

- ~~a. Application of the Ministry of I.T. & I.~~
- b. Application of the subject plant.

Incl 1

LIST OF THE DESIRED REPARATION
DESIGNATED MACHINERY AND EQUIPMENT

Applicant: Taihei Kogyo K.K.
(The Taihei Mining Co., Ltd.)

Name of Items	Name of Mfg. Co.	Type & Dimension	Inventory No.	Operation or Idle	No. of Items	Report on Evaluation	Section: Sheet No.
To be transferred from Futami Plant							
Drilling M/C, Radial.	Yodogawa Kikai.	Drill Capacity: 35mm. Swing: 1,100mm	13-18-566	Idle	1	Miscellaneous	112
					1 item		
Total							
Drilling M/C, Vertical.	Maeda.	Drill Capacity: 50mm. Swing: 560mm	13-20-288	"	1	"	79
Lathe, Engine.	Ikegai	Swing Over Bed: 520mm Center to Center: 1,500mm	13-20-384	"	1	"	117
Drilling M/C, Vertical.	Hirao	Drill Capacity: 32mm Swing: 630mm	13-20-620	"	1	"	127
Grinder, Stand and Snagging.	Unknown	Bench Double Head. Dia and Thickness of Wheel: 305x50mm	13-20-704	"	1	"	151
Lathe, Engine.	Kubota	Swing Over Bed: 470mm Center: 50 Center: 1,200mm	13-20-976	"	1	"	185
Drilling M/C, Vertical.	Tokyo	Drill Capacity: 60mm Swing: 620mm	13-20-810	"	1	"	173
					6 items		
Total							
					<u>7 items</u>		
GRAND TOTAL							

GENERAL HEADQUARTERS
SUPREME COMMANDER FOR THE ALLIED POWERS
Economic and Scientific Section
APO 500

Ogimoto
M. France
254
QA

387.6(13 Feb 51)ESS/IND

WT/MWH/RAS/yy
13 February 1951

MEMORANDUM FOR: Reparations Agency, Tokyo

SUBJECT: Application for Movement and Authorized Use
of Items Listed for Reparations

1. Reference is attached R.A.R. No. 1755 (MS), 6 December 1950, subject: Application for Movement and Authorized Use of Reparations Equipment of 2 Plants of Kawasaki Sangyo K.K. Filed by Akenobe Kogyosho, Taihei Kogyo K.K. (Non-reparations Plant).

2. The application requesting permission for the transfer and authorized use of the seven (7) items of reparations machinery and equipment listed in reference 1, above, is approved as indicated below:

<u>Present Location</u>	<u>No. of Items</u>	<u>To Be Transferred To</u>
Kawasaki Sangyo K.K.		Taihei Kogyo K.K., Akenobe Kogyosho
a. Futami Plant (13-18)	1	1085, Wada, Minamitanimura, Yabu-gun, Hyogo Pref
b. Hokuban Plant (13-20)	6	
Total	7	

3. This permit is issued subject to any and all directives affecting reparations plants which have been issued or may hereafter be issued by the Supreme Commander for the Allied Powers. Reports will be rendered as required by current directives and instructions.

FOR THE CHIEF, ECONOMIC AND SCIENTIFIC SECTION:

1 Incl
as indicated.
(dup)

MAURICE M. CLASS
Chief, Industry Division

Cys furnished:
CA Sec (dup)
CPC

MEMO FOR RECORD:

The above ltr is self-explanatory.

Mr. R.A. Steele:
26-7842

M. M. C.

To : General Headquarters, Supreme Commander for the Allied Powers.
From : Reparations Agency, Tokyo.
Subject: Application for Movement and Authorized Use of Reparations
Equipment of 2 Plants of Kawasaki Sangyo K.K. Filed by
Akenobe Kogyosho, Taihei Kogyo K.K. (non-reparations plant).

RAR No. 1755 (MS)

6 December 1950.

1. The Reparations Agency hereby submits to your Headquarters an application for movement and authorized use of 7 items of reparations equipment now lying idle in the following 2 plants of the Kawasaki Sangyo K.K. Filed by the Akenobe Kogyosho, Taihei Kogyo K.K. (non-reparations plant), together with an application of the Ministry of International Trade and Industry as enclosed herewith:

<u>Name of Plant</u>	<u>Code No.</u>	<u>No. of Items</u>
Futami Plant	13-18	1
Hokuban Plant	13-20	6
		<u>Total: 7 items</u>

2. This application has been investigated and has been coordinated with other interested government agencies.

3. It is requested that your most favorable consideration be given to this application at the earliest practicable date.

(Y^o Katsuno)
Director, Reparations Division,
Reparations Agency.

Incls:

- a. ~~Application of the Ministry of I.T. & I.~~
- b. Application of the subject plant.

Incl 1

LIST OF THE DESIRED REPARATION
DESIGNATED MACHINERY AND EQUIPMENT

Applicant: Taihei Kogyo K.K.
(The Taihei Mining Co., Ltd.)

Name of Items	Name of Mfg. Co.	Type & Dimension	Inventory No.	Operation or Idle	No. of Items	Report on Evaluation	Section Sheet No.
To be transferred from Futami Plant							
Drilling M/C, Radial.	Yodogawa Kikai.	Drill Capacity: 35mm. Swing: 1,100mm	13-18-566	Idle	1	Miscellaneous	112
Total					1 item		
Drilling M/C, Vertical.	Maeda.	Drill Capacity: 50mm. Swing: 560mm	13-20-288	"	1	"	79
Lathe, Engine.	Ikegai	Swing Over Bed: 520mm Center to Center: 1,500mm	13-20-384	"	1	"	117
Drilling M/C, Vertical.	Hirao	Drill Capacity: 32mm Swing: 630mm	13-20-620	"	1	"	127
Grinder, Stand and Snagging.	Unknown	Bench Double Head. Dia and Thickness of Wheel: 305x50mm	13-20-704	"	1	"	151
Lathe, Engine.	Kubota	Swing Over Bed: 470mm Center to Center: 1,200mm	13-20-976	"	1	"	185
Drilling M/C, Vertical.	Tokyo	Drill Capacity: 60mm Swing: 620mm	13-20-810	"	1	"	173
Total					6 items		
GRAND TOTAL					7 items		

KINKI
OSAKA LIAISON & COORDINATION OFFICE
Prefectural Building
OSAKA

TS/ai

12 October 1950

KKLCO No. 622 ER

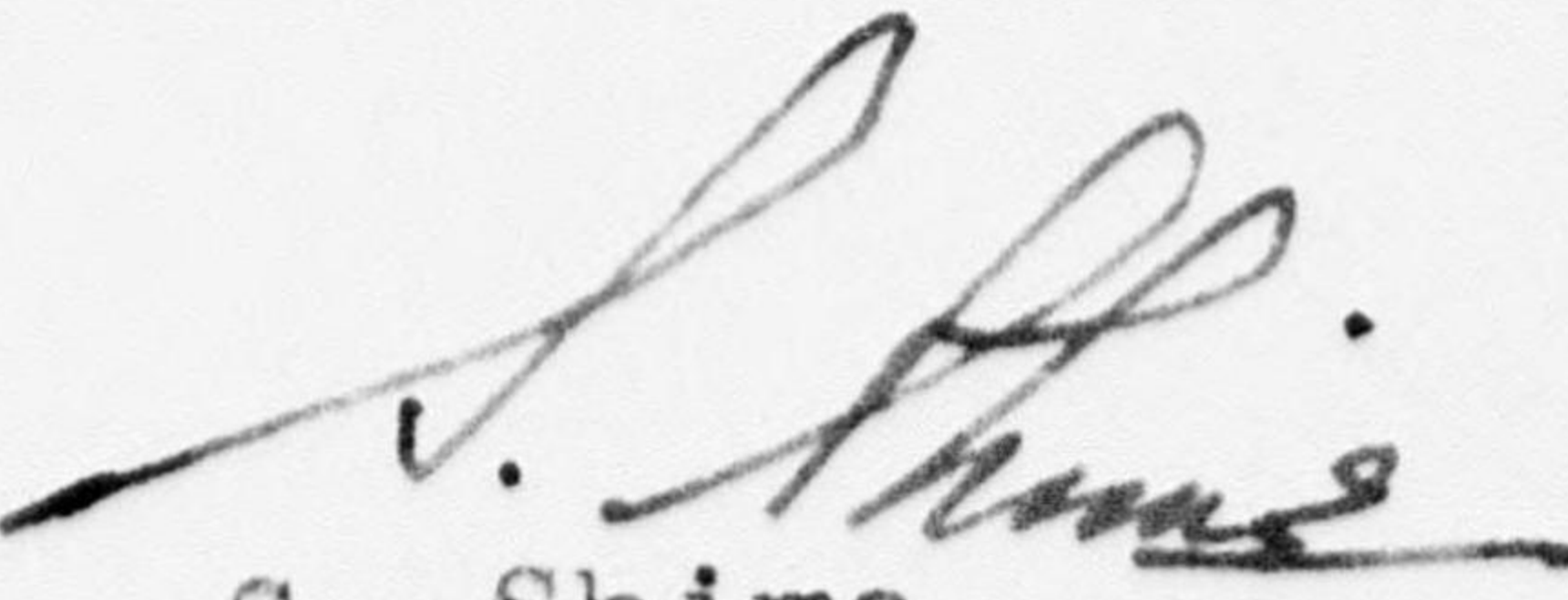
TO : Chief, Kinki Civil Affairs Region
(ATTN: Commerce & Industry, Economic Section)

SUBJECT: Applications for Movement and Authorized Use of
Reparations Machinery and Equipment

1. For your information.

2. Upon request from Osaka Bureau, MITI, forwarded
herewith are copies of the subject applications submitted
by the following companies to GHQ, SCAP through the Ja-
panese channel.

<u>Applicants</u>	<u>Plants where the items applied for are located</u>	<u>Dates of Applications</u>
✓ a. Taihei Kogyo K.K. (Non-reparations)	Kawasaki Sangyo K.K., Futami Plant (13-18) and Hokuban Plant (13-20)	30 Aug. '50
✓ b. Akashi Kikai Seisakusho K.K. (Non-reparations)	Kawasaki Sangyo K.K., Futami Plant (13-18)	7 Sept. '50 <i>4 Jan 51</i>
✓ c. Sumitomo Technical High School (Non-reparations)	Meiwa Kogyo K.K., Takarazuka Plant (13-13)	12 Sept. '50 "


S. Shima
Director

Incls: As stated above.

1-1335

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

Q

Date: 31 Aug. 1950

TO : Ministry of International Trade and Industry

FROM : Taihei Kogyo K.K. (The Taihei Mining Co., Ltd.)

Address: 3, 2-chome, Marunouchi, Chiyoda-ku, Tokyo.

1) Name and Location of the plant which intends to use the designated reparation machinery and equipment.

Name : Akenobe Kogyo-sho : Taihei Kogyo K.K.
(Akenobe Mine : The Taihei Mining Co., Ltd.)
Non-designated

Location: 1085, Wada, Minamitani-mura, Yabu-gun, Hyogo Pref.

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

Name of Plant	Location	Code No.	Category	Remarks
Kawasaki Sangyo K.K. (Formerly: Kawasaki Kokuki Kogyo K.K.) Futami Plant	Hyogo Pref.	13-18	Aircraft	
ditto				
Hokuban Plant	do.	13-20		

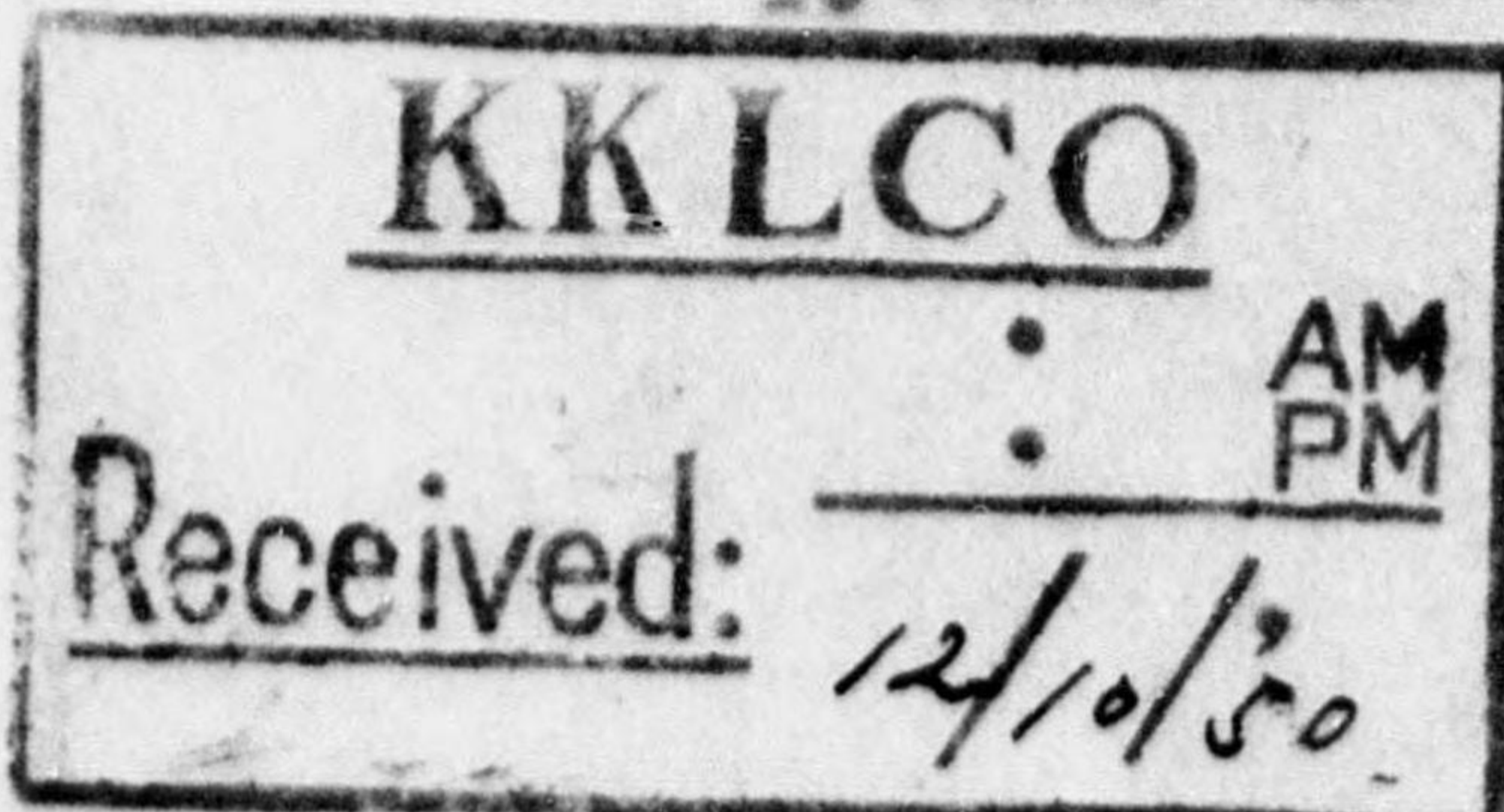
3) List of designated reparation machinery and equipment to be moved and used.

We, hereby, apply for permission of movement and use of seven machine tools, now idling, one at Futami Plant (13-18) and six at Hokuban Plant (13-20).
Details of items are shown in the attached list.

4) Necessity for movement and use of machinery and equipment

1. Outlook

The Taihei Kogyo Kabushiki Kaisha (The Taihei Mining Co., Ltd.) separated and established from the Mitsubishi Kogyo Kabushiki Kaisha (The Mitsubishi Mining Co., Ltd.) as the second company, Akenobe Mine began the operation from the first year of Meiji and now is mining and milling copper, lead, zinc, cupriferrous pyrite and tin.



- I -
(Conti'd)

(Conti'd)

Production (June, 1950.)

a) Crude Ore

Kind	Cu Sn Crude Ore	Pb Zn Crude Ore	Cupriferrous: Pyrite	Total
Tonnage	20,449 T	4,193 T	162 T	24,804 T
Grade	Cu 1.09% Sn 0.28%	Pb 2.17% Zn 5.82%	Cu 5.11% S 29.06%	

b) Concentrates

Kind	Cu-Conc	Sn-Conc	Pb-Conc	Zn-Conc	S (Cupriferrous: Pyrite)	Cu High grade ore
Tonnage	1438 T	41 T	120 T	414 T	162 T	30 T
Grade	13.76%	49.93%	58.08%	47.08%	29.06%	15.18%

II Workers and Equipments (June, 1950.)

a) Personnel	133
Worker	1377
Total	1510

b) Total Horse Power 10154.7 H.P.

c) Monthly Capacity of Milling Plant	
Hand picking	40,000 tons
Flotation	50,000 tons
Tabling	45,000 tons

III Reasons and Aids for necessity of applied machineries

Our mine is now using 18 machine tools (items: 9 lathes, 2 planers, 2 milling machines, 3 drilling machines, 1 boring machine, 1 shaper), small grinder machines are superanuated and poor in precision. In addition to it, the treated ore increases about twice quantity as much as the same period last year, so that the working quantity of repair and manufacture increases also very much and cannot operate sufficiently with the existing capacity. Dressing machines go often wrong specially, and use quantity of rock-drilling machine increases and it has need of many working hour for making a screw, and so in the present situation the necessary quantity of repairing and manufacturing works cannot be satisfied. Therefore the plan to increase 4 drilling machines, 2 lathes and one grinder hastily is made.

IV It is difficult from the point of the precision and term on the open market, so that we intend to use the reparation designated machinery, now in stock at Futami Plant and Rokuban Plant.

Denzo Shinohara

Denzo Shinohara
Manager of Akenobe Mine
- II The Taihei Mining Co., Ltd.

LIST OF THE DESIRED REPARATION
DESIGNATED MACHINERY AND EQUIPMENT

Applicant: Taihei Kogyo K.K.
(The Taihei Mining Co.)

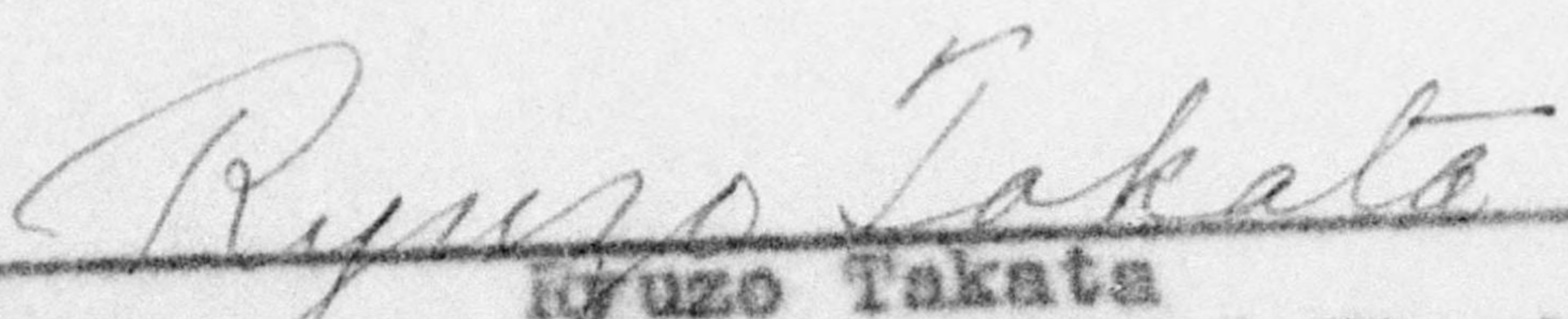
Name of Items	Name of Mfg. Co.	Type & Dimension	Inventory No.	Operation or Idle	No. of Items	Report on Evaluation	Section: Sheet No.
<u>To be transferred from Futami Plant</u>							
Drilling M/C, Radial	Yodogawa Kikai	Drill Capacity: 35mm Swing: 1,100mm	13-18-566	Idle	1	Miscellaneous Equipment	112
					1 item		
<u>To be transferred from Hokubun Plant</u>							
Drilling M/C, Vertical	Maeda	Drill Capacity: 50mm Swing: 560mm	13-20-298	"	1	"	79
Lathe, Engine	Ikegai	Swing Over Bed: 520mm Center to Center: 1,500mm	13-20-384	"	1	"	117
Drilling M/C, Vertical	Hirao	Drill Capacity: 32mm Swing: 630mm	13-20-620	"	1	"	127
Grinder, Stand and Snagging	Unknown	Bench Double Head. Dia and Thickness of Wheel: 305x50mm	13-20-704	"	1	"	151
Lathe, Engine	Kubota	Swing Over Bed: 470mm Center to Center: 1,200mm	13-20-796	"	1	"	165
Drilling M/C, Vertical	Tokyo	Drill Capacity: 60mm Swing: 620mm	13-20-810	"	1	"	173
					6 items		
<u>Total</u>					<u>7 items</u>		
<u>GRAND TOTAL</u>					<u>7 items</u>		

LETTER OF ASSENT

Date: 28 August 1950

TO : Minister of International Trade and Industry
FROM : Chief Custodian of Futami Plant and Hokuban Plant of
Kawasaki Sangyo K.K.
(Formerly: Kawasaki Kokuki Kogyo K.K.)

I have no objection pertaining to rent of the reparation designated machinery and equipment belonging to Futami Plant and Hokuban Plant of Kawasaki Sangyo K.K., list of which is attached to the application herein and movement of the same to Akenobe Mine, Taihei Kogyo K.K.


Ryuzo Takata
Chief Custodian of Futami Plant
(13-18) and Hokuban Plant (13-20)
Kawasaki Sangyo K.K.
(Formerly: Kawasaki Kokuki Kogyo K.K.)

41-12(2)

Obj. note
WJ

KINKI INFORMATION:
FEB. 19. 1951 O.D. 11

GENERAL HEADQUARTERS
SUPREME COMMANDER FOR THE ALLIED POWERS
Economic and Scientific Section
APO 500

387.6(13 Feb 51)ESS/IND

WT/MWH/RAS/yy
13 February 1951

4347

MEMORANDUM FOR: Reparations Agency, Tokyo

SUBJECT: Application for Movement and Authorized Use of Items Listed for Reparations

1. Reference is attached R.A.R. No. 292 (MS), 12 February 1951, subject: Application for Urgent Movement and Authorized Use of Reparations Equipment of Tokuyama Fuel Depot (Code No. 45-07) Filed by Wakayama Refinery, Toa Nenryo Kogyo K.K. (Toa Oil Industry Co., Ltd.) (Non-reparations plant).

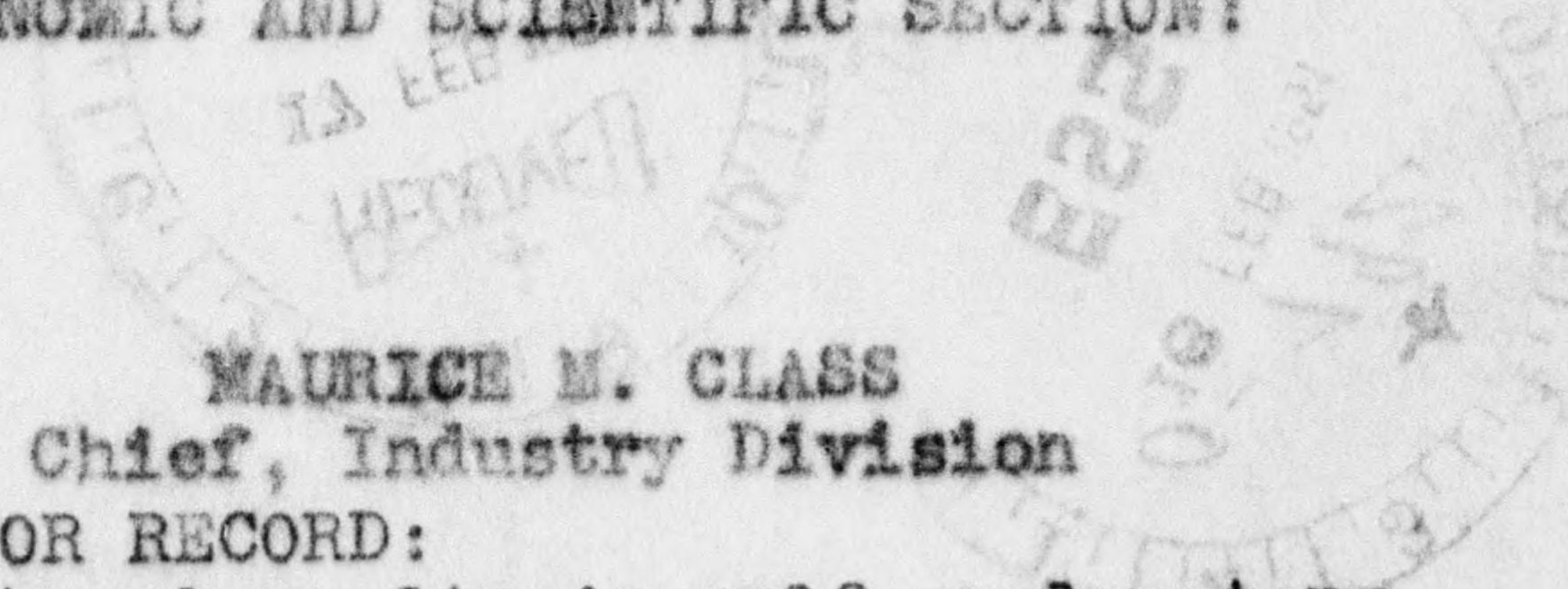
2. The application requesting permission for the transfer and authorized use of the 128 items of reparations machinery and equipment listed in reference 1, above, is approved as indicated below:

<u>Present Location</u>	<u>No. of Items</u>	<u>To Be Transferred To</u>
Tokuyama Fuel Depot (45-07)	128	Toa Nenryo Kogyo K.K., Wakayama Refinery 1,000, Hajikami-hama, Hajikami-mura, Kaiso-gun, Wakayama Prefecture

3. A rental fee shall be established for the authorized use of the equipment listed in reference 1, above, based upon current valuation and comparable to rental charges assessed by private interests for the use of similar equipment.

4. This permit is issued subject to any and all directives affecting reparations plants which have been issued or may hereafter be issued by the Supreme Commander for the Allied Powers. Reports will be rendered as required by current directives and instructions.

FOR THE CHIEF, ECONOMIC AND SCIENTIFIC SECTION:



1 Incl
as indicated. (dup)
Cys furnished:
CA Sec (dup)
CPC

MAURICE M. CLASS
Chief, Industry Division

MEMO FOR RECORD:
The above ltr is self-explanatory.
Mr. R.A. Steele: M. M. C.
26-7842

1-1905

CA Sec Copy

TO : GENERAL HEADQUARTERS, SUPREME COMMANDER FOR THE ALLIED POWERS.

FROM : Reparations Agency, Tokyo.

SUBJECT: Application for Urgent Movement and Authorized Use of Reparations Equipment of Tokuyama Fuel Depot (Code No. 45-07) Filed by Wakayama Refinery, Toa Nenryo Kogyo K.K. (Toa Oil Industry Co., Ltd.) (Non-reparations plant).

R.A.R. No. 292 (MS)

12 February 1951.

1. The Reparations Agency hereby submits to your Headquarters an application for urgent movement and authorized use of 128 items of reparations equipment now lying idle in the Tokuyama Fuel Depot (Code No. 45-07) filed by the Wakayama Refinery, Toa Nenryo Kogyo K.K. (Toa Oil Industry Co., Ltd.) (Non-reparations plant), together with an application of the Ministry of Finance and a recommendation of the Ministry of International Trade and Industry as enclosed herewith.
2. These equipment have been allocated to this applicant by the Ministries concerned according to the suggestion of your Headquarters.
3. As the warehouses where these equipment are now stored have to be promptly evacuated for the Occupation needs, it is requested that your most favorable consideration be given to this application at the earliest practicable date.

(Y. Katsuno)
Director, Reparations Division,
Reparations Agency.

Incls:

- a. Application of the Ministry of Finance.
- b. Recommendation of the Ministry of International Trade and Industry.
- c. Application of the subject refinery.

Incl 1

DECLASSIFIED E.O. 13526 SECTION 1.4, DATE 1/1/01

List of Facilities for Application

Toa Nenryo Kogyo K. K.

(Toa Oil Company, Ltd.)

LIST OF FACILITIES FOR APPLICATION

Code No.:

45 - 7

Name of Plant:

~~Third Naval~~ Tokuyama Fuel Depot.

Address of Plant:

Tokuyama-city, Yamaguchi-prefecture.

(1) For Solvent Deasphalting Unit. (Pump)

Inventory No.	Name of Machinery	Brief Specifications	Quantity	Remarks
			Set	
312 - (7)	Steam Pump	Vertical, Simplex. Double Act. Gun Metal. Cap. 4 KL/Hr. 4 $\frac{1}{2}$ " x 3 $\frac{1}{2}$ " x 6". Wt. 400 Kg	1	
(8)	"	Ditto	1	
(9)	"	Horizontal, Duplex. Double Act. Cast Iron. Cap. 25 KL/Hr. 7" x 6" x 10". Wt. 1500Kg	1	
314 - (3)	"	Horizontal, Duplex. Double Act. Cast Steel. Cap. 0.9 KL/Hr. 3" x 2" x 3". Wt. 100Kg	1	
315 - (16)	"	Horizontal, Duplex. Double Act. Cast Steel. Cap. 6 KL/Hr. 6 $\frac{1}{2}$ " x 3 $\frac{1}{4}$ " x 8". Wt. 500Kg	1	
(17)	"	Ditto	1	
(18)	"	Horizontal, Duplex. Double Act. Cast Steel. Cap. 7 KL/Hr. 10" x 5" x 12". Wt. 1000Kg	1	
317 - (37)	"	Horizontal, Duplex. Double Act. Cast Steel. Cap. 10 KL/Hr. 7" x 5" x 7". Wt. 800 Kg	1	
(38)	"	Horizontal, Duplex. Double Act. Forged Steel. Cap. 20 KL/Hr. 10" x 6" x 24". Wt. 1000Kg	1	
(39)	"	Horizontal, Simplex. Double Act. Forged Steel. Cap. 20 KL/Hr. 10" x 6" x 24". Wt. 1000Kg	1	
(40)	"	Horizontal, Duplex. Double Act. Cast Steel. Cap. 8 KL/Hr. 6" x 4" x 6". Wt. 300 Kg	1	

For Solvent Deasphalting Unit. (Tank)

Inventory No.	Name of Machinery	Brief Specifications	Quantity	Remarks
			Set	
225 - (37)	Tank	Cap. Wt. D. L. Vertical 140 KL. 2.5 Ton. 2.25x3.0M. Cylindrical.	1	
(38)	"	Ditto	1	
288	"	Cap. Wt. D. L. 100 KL. 15 Ton. 3.4x12.25M. Horizontal.	1	
289	"	Ditto	1	
290	"	Ditto	1	
291	"	Ditto	1	
310 - (1)	"	Cap. Wt. D. L. 150 KL. 21.3 Ton. 4.6x8.7M.	1	
(2)	"	Ditto	1	
(3)	"	Cap. Wt. D. L. 80 KL. 13.7 Ton. 4.0x7.1M. Horizontal.	1	
(4)	"	Ditto	1	
313 - (39)	"	Cap. Wt. D. H. Vertical 100 KL. 7.6 Ton. 6.3x3.6M. Cylindrical.	1	
(40)	"	Ditto	1	
(41)	"	Cap. Wt. D. H. Vertical 150 KL. 10 Ton. 6.3x5.3M. Cylindrical.	1	
(42)	"	Ditto	1	

(2) For Solvent Extraction Unit. (Pump)

Inventory No.	Name of Machinery	Brief Specifications	Quantity		Remarks
			Set	No.	
331 - (1)	Steam Pump	Horizontal, Simplex. Double Acting. Cap. 30 KL/Hr. 12" x 8" x 16". Cast Steel. Wt. 2,000 Kg.	1		
(2)	"	Ditto	1		
(3)	"	Ditto	1		
(4)	"	Horizontal, Simplex. Double Acting. Cap. 10 KL/Hr. 8" x 6" x 10". Cast Steel. Wt. 700 Kg.	1		
(5)	"	Ditto	1		
(6)	"	Horizontal, Duplex, Double Acting. Cap. 50 KL/Hr. 12" x 6" x 12". Cast Iron. Wt. 2,000 Kg.	1		
(7)	"	Ditto	1		
(8)	"	Ditto	1		
(11)	"	Horizontal, Simplex. Double Acting. Cap. 5 KL/Hr. 6" x 4" x 6". Cast Steel. Wt. 500 Kg.	1		
(12)	"	Ditto	1		
(13)	"	Horizontal, Simplex. Double Acting. Cap. 30 KL/Hr. 12" x 8" x 16". Cast Steel. Wt. 2,000 Kg.	1		
(14)	"	Horizontal, Simplex. Double Acting. Cap. 50 KL/Hr. 22" x 8" x 24". Forged Steel. Wt. 6,000 Kg.	1		
(15)	"	Ditto	1		
(16)	"	Ditto	1		
(17)	"	Ditto	1		
(18)	"	Ditto	1		
(19)	"	Ditto	1		

Inventory No.	Name of Machinery	Brief Specifications	Quantity		Remarks
			Set	No.	
331 - (20)	Steam Pump	Horizontal, Simplex. Double Acting. Cap. 5 KL/Hr. 10" x 2" x 12". Forged Steel. Wt. 1,000 Kg.	1		
(21)	"	Horizontal, Simplex. Double Acting. Cap. 5 KL/Hr. 8" x 6" x 13". Cast Steel. Wt. 500 Kg.	1		
(22)	"	Ditto	1		
(23)	Air Compressor	Vertical, Simplex. Double Acting. Cap. 10 Cu.M/Hr. 1 Kg/Sq.cm. 8"x8"x12". Wt. 200 Kg.	1		
(24)	"	Ditto	1		
(25)	Steam Pump	Horizontal, Duplex. Double Acting. Cap. 50 KL/Hr. 12" x 10" x 12". Cast Iron. Wt. 2,000 Kg.	1		
(26)	"	Ditto	1		
(27)	"	Ditto	1		
(28)	"	Ditto	1		
(29)	"	Ditto	1		
(30)	"	Horizontal, Duplex. Double Acting. Cap. 5 KL/Hr. 6" x 4" x 6". Cast Iron. Wt. 500 Kg.	1		
(31)	"	Horizontal, Simplex. Double Acting. Cast Steel. Wt. 2,000 Kg. 18" x 10" x 20".	1		
(32)	"	Ditto	1		
(33)	"	Ditto	1		
(34)	"	Ditto	1		

Inventory No.	Name of Machinery	Brief Specifications	Quantity		Remarks
			Set	No.	
331 - (35)	Steam Pump	Horizontal, Duplex. Double Acting. Cap. 10 KL/Hr. 7½" x 5" x 8". Cast Iron. Wt. 700 Kg.	1		
(36)	"	Horizontal, Duplex. Double Acting. Cap. 30 KL/Hr. 9" x 6" x 8". Cast Iron. Wt. 1,000 Kg.	1		
(37)	"	Horizontal, Simplex. Double Acting. Cap. 15 KL/Hr. 12" x 6" x 18". Cast Steel. Wt. 1,000 Kg.	1		
(38)	"	Horizontal, Simplex. Double Acting. Cap. 10 KL/Hr. 8" x 6" x 14". Cast Steel. Wt. 600 Kg.	1		

For Solvent Extraction Unit. (Tank)

Inventory No.	Name of Machinery	Brief Specifications	Quantity		Remarks
			Set	No.	
296 - (26)	Tank	150 KL. 11 Tons. 6.3 (D) x 5.3 (H). Vertical, Cylindrical.	1		
(27)	"	Ditto	1		
(28)	"	Ditto	1		
(46)	"	Ditto	1		
314 - (8)	"	100 KL. 7.6 Tons. 6.3 (D) x 3.6 (H). Vertical, Cylindrical.	1		
(9)	"	Ditto	1		
(10)	"	150 KL. 10 Tons. 6.3 (D) x 5.3 (H). Vertical, Cylindrical.	1		
(11)	"	Ditto	1		
(12)	"	Ditto	1		
315 - (24)	"	100 KL. 7 Tons. 6.3 (D) x 3.5 (H). Vertical, Cylindrical.	1		
(25)	"	Ditto	1		
(26)	"	150 KL. 10 Tons. 6.3 (D) x 5.3 (H). Vertical, Cylindrical.	1		
(27)	"	Ditto	1		
(28)	"	Ditto	1		
(29)	"	Ditto	1		
226 - (46)	Nitrogen Generator	2.2 cu.m./minu. D. H.	1		
(47)	Gas Holder	50 cu.m. 5.0m x 3.0m	1		

(3) For Lube Oil Blending Unit. (Pump)

Inventory No.	Name of Machinery	Brief Specifications	Quantity		Remarks
			Set	No.	
314 - (4)	Steam Pump	Horizontal, Duplex. Double Acting. Cap. 17 KL/Hr. Wt. 800 Kg. 10" x 4" x 10"		1	
(5)	"	Horizontal, Duplex. Double Acting. Cap. 22 KL/Hr. Wt. 800 Kg. 7½" x 5" x 10"		1	
(6)	"	Ditto		1	

For Lube Oil Blending Unit. (Tank)

Inventory No.	Name of Machinery	Brief Specifications	Quantity Set No.	Remarks
322 - (32)	Tank	Cap. 30 KL. Wt. 3.0 Tons. D. 4.5 x H. 3.5 M. Vertical, Cylindrical.	1	
(33)	"	Ditto	1	
(36)	"	Ditto	1	
(37)	"	Cap. 50 KL. Wt. 7.0 Tons. D. 6.5 x H. 2.5 M.	1	
(38)	"	Ditto	1	
324 - (27)	"	Cap. 50 KL. Wt. 5.0 Tons. D. 6.0 x H. 1.9M. Closed Type.	1	

(4) For Accessories. (Pump)

Inventory No.	Name of Machinery	Brief Specifications	Quantity		Remarks
			Set	No.	
312 - (6)	Steam Pump	Horizontal, Duplex. Double Acting. Cast Steel. Cap. 18 KL/Hr. 7"x5"x10". Wt. 1,800 Kg.	1		
317 - (34)	"	Horizontal, Duplex. Double Acting. Cast Steel. Cap. 30 KL/Hr. 8"x4"x10". Wt. 950 Kg.	1		
(35)	"	Ditto	1		
(36)	"	Ditto	1		
318 - (1)	"	Horizontal, Duplex. Double Acting. Cast Iron. Cap. 50 KL/Hr. 10"x6"x8". Wt. 950 Kg.	1		
(2)	"	Ditto	1		
322 - (27)	"	Horizontal, Simplex. Double Acting. Cap. 10 KL/Hr. 8"x6"x10". Wt. 1,200 Kg.	1		
(28)	"	Ditto	1		
(29)	"	Ditto	1		
(30)	"	Horizontal, Duplex. Double Acting. Cast Iron. Cap. 5 KL/Hr. 5"x3½"x6". Wt. 400 Kg.	1		