

~~Handwritten~~
Sho No.

December 2, 1949

To : Chief of Procurement and Reparation Div.,
Trade and Enterprise Bureau,
Ministry of International Trade and Industry.

From : Governor of Tokushima Prefecture.

Subject : Application for approval to transference of
Reparation Machines

The Tokushima Plant of the Koyo Precision Industry Co. (Koyo Seiko K.K.) has applied for approval of the reparation machines as per attached papers.

As it is deemed necessary, you are hereby requested to Approve the transference of the undermentioned machines to the Kokubu Plant of Koyo Seiko K.K. Osaka.

Name	Inventory No.	Capacity	No
Surface plate	1C2-38	91 Cm x 183 Cm	1 pc.
Do.	1C2-39	do.	1 pc.
Total			2 pcs.

Goro ABE
Governor of Tokushima Prefecture.

December 1, 1949

To : Goro ABE, Governor of Tokushima Prefecture
 From : Mikio SUZUKI, Superintendent of Tokushima Plant
 Koyo Precision Industry Co., In.

Application for Approval to Transference
 of Reperation Machines

1. Name and address of Applicant:
 Tokushima Plant of Koyo Precision Co., Inc.
 81, Shomachi 5-Chome, Tokushima City
2. Description of machines subject to transfer:

Name	Inventory No.	Capacity	No.
Surface plate	1C2-38	91 Cm x 183 Cm	1
Do	1C2-39	do	1
Total			2
3. Location of machines subject to transfer:
 The warehouse of the applicant.
4. Destination of machines to be transferred:
 Kokubu Plant, Koyo Precision Industry Co.
 Kokubu, Kokubu Cho, Minamikawacui-Gun, Osaka Pref.
5. Method of custody at the destination:
 Upon transference the machines will be kept in custody under the responsibility of the custodian in charge in accordance with "Essentials for custody of designated equipment" of 1946.
6. Reasons necessitating removal:
 The machines are to be used for examination of precision of large sized spherical roller bearing.
 Since the encouragement and speeding up of export is of the most urgent necessity for the Japan's economic rehabilitation, this company, placing stress on it, is making efforts on betterment of precision and accuracy of the products and rationalization of industrial production.

- 2 -

Now that we have concluded a negotiation of late with Wilson Company of London for export of large sized bearing (Approx ¥ 120,000,000), and also have come to make a satisfactory agreement with the East Asiatic Company of Copenhagen for holding agency for Indian and African trade, immediate equipping of our plant have come to be of urgent demand; thereupon from the view point of mechanical equipment and manufacturing technique the large part of making is going to be done in the Kokubu Plant of our company. And the said surface plates is of absolute necessity there for examination of the degree of precision of the large sized bearing ~~xxxxxxxxxxxx~~ (eccentric, side-wavering), which will require considerable time for the making. Consequently, the transference of the said machine is conformable to speeding up of rationalization of production and with the object of increasing exports.

昭和二十四年十二月一日

徳島縣知事

阿部 五郎 殿

徳島市庄町五丁目八番地

光洋精工株式会社 計務部長

玉置 豊 夫

賠償機種移動許可申請書

一、申請者の氏名又は名稱及住所

徳島市庄町五丁目八番地

光洋精工株式会社 計務部長

二、移動せんとする機械器具其の他の設備の名稱

型式能力及数量

合 計	名 稱	型 式	能 力	臺 数
	インベントリ		91 180	1
	102138			1
	102139			1
				2

与移動せんとする機械器具その他の設備の所在の場所

申請者工場内

與 移 動 先

大阪府河内郡國分町國分

光洋精工株式会社國分工場

五 移 動 先 に 於 け る 管 理 の 方 法

管理擔當者の責任下に於て昭和二十一年「指定施設管理要綱」
に基き保全管理する

六、移動を必要とする事由

大型スフエリカルローラーベアリングの精度検査に使用
輸出の促進は日本経済再建の爲緊要の事項であつて当社とし
ても之に重點を置き精度の向上と生産の合理化に努力して居
りますが今般英國ロンドン市 *Wilson & Co* の間に大型軸受の輸
出契約（金額約一億二千萬圓）の商談あり且 *The East Asiatic Co*
（コペンハーゲン市）と印度アフリカ方面に對する代理店契
約も基本的に意見が合致しましたので急速なる工場の整備が
必要となつて参りました。それで之等生産の大部分は機械設
備及生産技術の關係上當社國分工場に於て生産されるもので
移動を必要とする定盤は之等大型軸受の精度検査上（偏心横
振れ等）絶対必要とし且製作に相當日數を要するものであり
ます。従つて之を國分工場に移動する事に依り生産の合理化
を促進し且輸出増進の目的に合致するものであります。

113013
40-01

September 8, 1949

To : Tokushima Civil Affairs Team
From : Governor of Tokushima Prefecture
Subject: Application for Use of Reparation Machines
 Suspended from Operation.

Regarding the subject matter the Tokushima Plant of Koyo Seiko K K has submitted the annexed application for the use of the following two machines now under suspension from operation.

As the plant seems to be in a great need of making use of the said machines for manufacturing process, your approval for the same is herewith requested.

Inventory No.	Name	Class	Number
1 A 5 - 160	Ball Race grinder	3	1
1 B 3 - 9	Manual Press	1	1

E. J. Ximochi

[Signature]
Governor of Tokushima Prefecture.

*Approved.
 Mutchley
 Capt. Dir.
 Econ. Officer
 Tokushima Civil Affairs Team*

APPLICATION

24 Ko Tok Hatsu 146

September 3, 1949.

To : Tokushima Civil Affairs Team

From : Tokushima Plant, Koyo Seiko K. K.

Subject: Additional Application for the Use of Part of
Reparation Machines Suspended from Operation.

We are much obliged by Tokushima Civil Affairs Team by allowing us to use 126 machines out of 388 reparation machines.

In addition to those that are in operation, the use of the following machines suspended from operation is necessitated for increased production and manufacturing process: hence the application is herewith presented in the hope of your approval.

Inventory No.	Name of Machine	Class	No. of machine	Remarks
1 A 5-160	Ball Race Grinder	3	1	Parts and fittings are lacking, but it is more economical if they are made and repaired at our own plant.
1 B 3 - 9	Manual Press	1	1	At present one press is used for stamping. Another is needed for more production.

Mikio SUZUKI,
Superintendent of Tokushima
Plant, Koyo K. K.
81 Shomachi 5-Chome, Tokushima City.

115013
Sept. 9, 1949*Send**40-01*

To : Tokushima Civil Affairs Team
From : Governor of Tokushima-Ken
Subject: Application for permission to use
new machines

In connection with the subject matter, an application as attached having been submitted by Tokushima factory of Koyo Seiko K.K. with a view of increase production, your approval is solicited for use of the undermentioned as Ex-machines.

<u>Item</u>	<u>Amount</u>	<u>Remarks</u>
Electric motor	1	3 H.P.
"	1	2 H.P.
"	1	1 H.P.
Portable center grinder	1	for grinding lathe center
Sawing machine	1	for cutting raw materials

*E. Minouchi**by* Governor of Tokushima-Ken

Tokushima Factory, Koyo Seiko K.K.,
81, 5-chome, Sho-Cho, Tokushima-shi

Sept. 3, 1949

To : Tokushima Civil Affairs Team
Through: Governor of Tokushima-Ken
From : Mikio Suzuki, factory superintendent
Subject: Application for permission to use
new machines

With a view to increasing production, the following machines having been purchased this time, I beg to apply for your approval for our using them as Ex-machines.

Item	Amount	Remarks
Electric motor	1	3 H.P.)
"	1	2 H.P.) As subsidiary
"	1	1 H.P.) to main motor.
Portable Center grinder	1	Mainly for grinding lathe centre.

(Sealed) M. Suzuki,
factory superintendent

*File
By - S. B. Ball
Beany Plot
Reparation*

CLASSIFICATION OF MACHINES

	Serviceable Equipments		Unserviceable Machines		
	A	B	AB (total)	C	Total
A- 5 Centerless grinder	1		1	2	3
A- 6 End Grinder	2		2		2
A- 7 Internal Grinder	8		8	6	14
A- 8 Groove grinder	11		11	7	18
A- 9 Engine Lathe	17	41	58	22	80
Turret Lathe		4	4	5	9
A-12 Miscellaneous			0	1	1
A-13 Mechanical press	9		9	5	14
A-15 Polishing machine	5		5	1	6
A-17 Special Grinder		70	70	54	124
B- 1 Boring machines	1		1		1
B- 3 Drilling machines	2	1	3	9	12
B- 5 Grinding machines	1		1		1
B- 6 Lathe	9		9		9
B- 7 Milling machines	2		2		2
B- 8 Planer	1		1		1
B- 9 Shapers	2		2	1	3
B-10 Saws	1		1		1
B-11 Miscellaneous		1	1		1
C- 7 Miscellaneous	4		4		4
F- 1 Electric furnaces	3		3	2	5
F- 2 Other furnaces	4		4	1	5
G- 2 Transformer (180 KVA)	5		5		5
D- 3 Motors	19		19		19
Total	107	117	224	116	340

Other Equipments

	Class A
Switch	3

A-13	Mechanical press	5		5	1	6
A-15	polishing machine		70	70	54	124
A-17	Special Grinder					

B- 1	Boring machines	1		1		1
B- 3	Drilling machines	2	1	3	9	12
B- 5	Grinding machines	1		1		1
B- 6	Lathe	9		9		9
B- 7	Milling machines	2		2		2
B- 8	planer	1		1		1
B- 9	shapers	2		2	1	3
B-10	Saws	1		1		1
B-11	Miscellaneous		1	1		1

C- 7	Miscellaneous	4		4		4
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F- 1	Electric furnaces	3		3	2	5
F- 2	Other furnaces	4		4	1	5

G- 2	Transformer (180 KVA)	5		5		5
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D- 3	Motors		19	19		19
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	Total	107	117	224	116	340
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Other Equipments

Class A

Switch	3
Hardness Tester	3
Tester of eccentric	8
Minimeter	3
Measuring Table	20
Cylinder Gauge	2
Leveling plate	6
Block Gauge	1
XXXXXXXXX Micrometer	2

Total	48
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光輝
KOYOSEIKO KABUSHIKI
KAISHA

SUBJECT: Report on working and idle machines which
Appointed as Reparation.

TO : Lt.-Col. Crabtree, C O of Kagawa Mil. Govt. Team.

THRU: Commerce & Industry Sect. of Kagawa Local Govt.

Name of Co. : The Koyoseiko Co., Ltd., Takamatsu Plant.

DATE: 4, April, 1949.

1. Working Machines. See the List 1
2. Idle Machines. See the List 2
3. Re alternation of working of above machines.
See the List 3
4. Ground of Plant. 2,931 Teubo.
5. Distance to Kagawa Prefectural office. 2 km.

Signed: *Moichiro Kuramoto*

Title: Management enginer.

(1)

The list of working condition of reparation machines.

Code No. 17-3

The Koyo Seiko K.K. Takamatsu Plant.

(Machine Tools.)

Name of working machines	Inventory Code No.	Index No.
: Engine Lathe	1A5-1	80 :
: "	" 2	" :
: "	" 3	" :
: "	" 4	" :
: "	" 5	110 :
: "	" 6	" :
: "	" 7	80 :
: "	" 8	" :
: "	" 9	" :
: "	" 10	" :
: "	" 26	110 :
: "	" 27	80 :
: "	" 28	" :
: "	" 29	" :
: "	" 32	" :
: "	" 33	" :
: "	" 37	" :
: "	" 39	" :
: "	" 40	" :
: "	" 41	" :
: "	" 42	50 :
: "	" 43	" :
: "	" 44	" :
: "	" 48	80 :
: "	" 49	" :
: "	" 50	110 :
: "	" 52	80 :
: "	" 55	" :
: "	" 56	" :
: "	" 57	" :
: "	" 58	" :
: "	" 59	" :
: Right-Angled Lathe	1A6-63	" :
: Automatic Turning Machine	" 12	120 :
: "	" 15	" :
: Vertical Drilling Machine	1A3-6	40 :
: Bench Drill	" 5	30 :
: Universal Milling Machine	1A7-9	50 :
: "	" 10	" :
: "	" 11	" :
: "	" 12	" :
: "	" 13	" :
: "	" 14	" :
: "	" 16	70 :

: Horizontal Milling Machine	" 2	50 :
: "	" 3	" :
: "	" 5	" :
: Internal Grinder	1A5-28	100 :
: "	" 32	" :
: "	" 34	" :
: Horizontal Surface Grinder	" 81	40 :
: "	" 82	" :
: "	" 83	" :
: "	" 84	" :
: Vertical Surface Grinder	" 45	100 :
: Centerless Grinder	" 44	150 :
: External Groove Grinder	" 4	100 :
: "	" 7	" :
: Internal Groove Grinder	" 15	" :
: "	" 16	" :
: "	" 17	" :
: "	" 18	" :
: Lathe Type Grinder	" 74	80 :
: "	" 75	" :
: "	" 76	" :
: "	" 77	" :
: Double head Grinder	1A5- 49	5 :
: "	" 50	" :
: "	" 101	" :
: "	" 102	" :
: "	" 103	" :
: Race Polisher	" 89	10 :
: "	" 90	" :
: "	" 99	20 :
: Hack Sawing Machine	1A9- 6	40 :
: "	" 7	" :
: "	" 8	" :
: "	1A9- 9	" :
: Centering Machine	" 2	30 :
: Letter Punching Press	1B4- 1	15 :
: Cutter Grinder	1A5- 79	40 :
: Sub-total	81	5486 :

(Manufacturing Machines)

: Quenching Furnace	104- 5	5 :
: Carbonizing Furnace	" 6	" :
: Forging Furnace	" 7	" :
: Total	3	15 :

(Electric Machines)

: switch	2B2-	1	3
: "	"	2	"
: "	"	3	"
: "	"	4	"
: "	"	5	"
: "	"	6	"
: "	"	7	"
: "	"	8	"
: Motor	2A2-	1	10
: "	"	2	"
: "	"	3	"
: "	"	4	"
: "	"	5	"
: Transformer	2B1-	1	"
: "	"	2	"
: "	"	3	"
: "	"	4	"
: Sub-total		17	39

(Measuring Instruments)

: Orthotest	1C2-	1	3
: "	"	3	"
: Rockwell Hardness Tester	1C8-	1	10
: Minimater	1C2-	4	3
: Minimater	"	5	"
: Cylinder Gauge	"	7	"
: "	"	8	"
: "	"	14	"
: "	"	19	"
: "	"	20	"
: Gauge Block	1C2-	24	"
: Measuring Table	"	38	"
: "	"	40	"
: "	"	41	"
: "	"	42	"
: "	"	43	"
: "	"	47	"
: "	"	50	"
: "	"	51	"

: Groove Excentricity Tester	"	67	"	:
: "	"	71	"	:
: "	"	72	"	:
: "	"	76	"	:
: "	"	77	"	:
: Surface Plate	"	80	"	:
: "	"	81	"	:
: "	"	86	"	:
: Snap Gauge	"	94	"	:
: "	"	95	"	:
: Block Holder	"	100	"	:
: Vernier Caliper	"	101	"	:
: "	"	104	"	:
: Sub-total		32	103	:
: Total		133	5,697	:
: Percentage		39%	35%	:

(Machine Tools.)

Name of Idle Machines	Inventory Code No.	Index No.
Engine Lathe	1A6-16	80
"	" 17	110
"	" 18	80
"	" 34	110
"	" 35	80
"	" 36	"
"	" 38	"
"	" 45	"
"	" 46	"
"	" 47	50
"	" 51	80
"	" 53	"
"	" 54	"
Turret Lathe	" 84	100
"	" 25	"
"	" 30	"
"	" 31	"
Automatic Turning Machine	" 11	120
"	" 13	"
"	" 14	"
"	" 19	"
"	" 20	"
"	" 21	"
"	" 22	"
"	" 23	"
Bench Lathe	" 65	30
Right-Angled Lathe	" 60	80
"	" 61	"
"	" 62	"
"	" 64	"
Vertical Drilling Machine	1A3- 7	40
"	" 1	"
Bench Drill	1A3- 2	30
"	" 3	"
"	" 4	"
Horizontal Milling Machine	1A7- 4	50
"	" 6	"
"	" 7	"
"	" 8	"
"	" 15	"
"	" 1	"
Universal Grinder	1A5-47	150
"	" 78	"

: Internal Grinder	" 23	100	:
: "	" 24	"	:
: "	" 25	"	:
: "	" 26	"	:
: "	" 27	"	:
: "	" 29	"	:
: "	" 30	"	:
: "	" 31	"	:
: "	" 33	"	:
: "	" 35	"	:
: "	" 36	"	:
: "	" 37	"	:
: "	" 38	"	:
: "	" 39	"	:
: "	" 40	"	:
: "	" 41	"	:
: "	" 60	"	:
: "	" 61	"	:
: "	" 62	"	:
: "	" 63	"	:
: "	" 64	"	:
: "	" 65	"	:
: "	" 66	"	:
: Internal Grinder	1A5-67	100	:
: "	" 68	"	:
: Vertical Surface Grinder	" 46	"	:
: "	" 71	"	:
: "	" 72	"	:
: "	" 80	150	:
: Centerless Grinder	" 42	120	:
: "	" 43	"	:
: "	" 69	"	:
: "	" 70	150	:
: Internal Groove Grinder	" 1	100	:
: "	" 2	"	:
: "	" 3	"	:
: "	" 5	"	:
: "	" 6	"	:
: "	" 8	"	:
: "	" 9	"	:
: "	" 10	"	:
: "	" 11	"	:
: "	" 12	"	:
: "	" 13	"	:
: "	" 14	"	:
: "	" 19	"	:
: "	" 20	"	:
: "	" 21	"	:
: "	" 22	"	:
: "	" 51	"	:
: "	" 52	"	:

:	"	"	53	"	:
:	"	"	54	"	:
:	"	"	55	"	:
:	"	"	56	"	:
:	"	"	57	"	:
:	"	"	58	"	:
:	Internal Groove Grinder	1A5-	59	100	:
:	Double Head Grinder	"	73	5	:
:	Race Polisher	"	85	10	:
:	"	"	86	"	:
:	"	"	87	"	:
:	"	"	88	"	:
:	"	"	91	"	:
:	"	"	92	"	:
:	"	"	93	"	:
:	"	"	94	"	:
:	"	"	95	"	:
:	"	"	96	20	:
:	"	"	97	"	:
:	"	"	98	"	:
:	"	"	100	"	:
:	Cutter Grinder	"	48	40	:
:	Shaper	1A9-	3	85	:
:	"	"	4	"	:
:	"	"	5	"	:
:	Hack Sawing Machine	"	1	40	:
:	Press	1B4-	2	15	:
:	"	"	3	"	:
:	Stone Saw	1A9-	10	40	:
:	Total		123	10,090	:

(Manufacturing Machines)

:	Quenching Furnace	1C4-	1	5	:
:	"	"	2	"	:
:	"	"	3	"	:
:	"	"	4	"	:
:	Total		4	20	:

(Electric Machines)

:	None				:
:					:

(Measuring Instruments)

: Mirror Comparator	102- 2	3	:
: Shore Hardness Tester	103- 2	2	:
: "	" 3	"	:
: "	" 4	"	:
: Minimeter	102- 6	3	:
: Cylinder Gauge	" 9	"	:
: "	" 10	"	:
: "	" 11	"	:
: "	" 12	"	:
: Cylinder Gauge	102-13	"	:
: "	" 15	"	:
: "	" 16	"	:
: "	" 17	"	:
: "	" 18	"	:
: "	" 21	"	:
: "	" 22	"	:
: "	" 23	"	:
: Gauge Block	" 25	"	:
: "	" 26	"	:
: "	" 27	"	:
: "	" 28	"	:
: "	" 29	"	:
: Measuring Table	" 30	"	:
: "	" 31	"	:
: "	" 32	"	:
: "	" 33	"	:
: "	" 34	"	:
: "	" 35	"	:
: "	" 36	"	:
: "	" 37	"	:
: "	" 39	"	:
: "	" 44	"	:
: "	" 45	"	:
: "	" 46	"	:
: "	" 48	"	:
: "	" 49	"	:
: "	" 52	"	:
: "	" 53	"	:
: "	" 54	"	:
: Groove Excentricity Tester	" 55	"	:
: "	" 56	"	:
: "	" 57	"	:
: "	" 58	"	:
: Groove Excentricity Tester	102-59	"	:
: "	" 60	"	:
: "	" 61	"	:
: "	" 62	"	:

	"	102-63	3	:
	"	" 64	"	:
	"	" 65	"	:
	"	" 66	"	:
	"	" 68	"	:
	"	" 69	"	:
	"	" 70	"	:
	"	" 73	"	:
	"	" 74	"	:
	"	" 75	"	:
	"	" 78	"	:
	"	" 79	"	:
	"	" 82	"	:
:	Surface Plate	" 83	"	:
:	"	" 84	"	:
:	"	" 85	"	:
:	Micrometer	" 91	"	:
:	"	" 92	"	:
:	"	" 93	"	:
:	"	" 96	"	:
:	Snap Gauge	" 97	"	:
:	"	" 98	"	:
:	"	" 99	"	:
:	Surface Plate	" 87	"	:
:	"	" 88	"	:
:	"	" 89	"	:
:	"	" 90	"	:
:	Vernier Caliper	" 102	"	:
:	"	" 103	"	:
:	"	" 105	"	:
:	Vernier Caliper	" 106	"	:
:	Total	" 8	231	:
:	The Sum Total	206	10,341	:
:	Percentage	61%	65%	:

3. Re alternation of working of the machines encribed in lists (1) and (2)

Among the machines encribed in the lists of (1) and (2), we want to change the use or to make idle the following machines in order to cover the shortage of the working machines:

:Name of machines :which scheduled :to be idle	Inventory Code No.	Index No.	:
:Engine Lathe	1A6-29	80	:
:Internal Grinder	1A5-32	100	:
:External Groove Grinder	" 7	"	:
:Internal Groove Grinder	" 15	"	:
:	" 16	"	:
: Total	5	480	:

:Name of machines which :scheduled to be in motion	Inventory No.	Index No.
:Engine Lathe	1A6-16	80
: "	" 17	110
: "	" 18	80
: "	" 34	110
: "	" 35	80
: "	" 36	"
: "	" 45	"
: "	" 46	"
: "	" 47	50
: "	" 53	80
: "	" 54	"
:Automatic Turning Machine	" 13	120
: "	" 19	"
:Right-Angled Lathe	" 60	80
: "	" 61	"
: "	" 64	"
:Vertical Drilling Machine	1A3- 7	40
:Bench Drill	" 2	30
: "	" 3	"
: "	" 4	"
:Horizontal Milling Machine	1A7- 4	50
: "	" 6	"
: "	" 7	"
: "	" 8	"
:Universal Grinder	1A5-78	150
:Internal Grinder	" 33	100
: "	" 37	"
:Vertical Surface Grinder	" 72	"
: "	" 80	150
:Centerless Grinder	" 43	120
:Internal Groove Grinder	1A5- 5	100
: "	" 21	"
:Race Polisher	" 94	10
:Shaper	1A9- 3	85
: "	" 4	"
:Hack Sawing Machine	" 1	40
:Press	1B4- 3	15
:Cylinder Gauge	1C2-12	3
: "	" 13	"
: "	" 16	"
: "	" 17	"
: "	" 18	"
: "	" 21	"
: "	" 22	"
: "	" 23	"

:Gauge Block	102-25	3
: "	" 26	"
: "	" 27	"
: "	" 28	"
: "	" 29	"
:Measuring Table	" 35	"
: "	" 36	"
: "	" 37	"
: "	" 39	"
: "	" 52	"
: "	" 53	"
:Groove Excentricity Tester	" 64	"
: "	" 65	"
: "	" 66	"
: "	" 68	"
: "	" 69	"
: "	" 70	"
: "	" 73	"
: "	" 74	"
: "	" 75	"
: "	" 78	"
: "	" 79	"
:Surface Plate	" 82	"
: "	" 83	"
: "	" 84	"
: "	" 85	"
:Micro Meter	" 91	"
: "	" 92	"
:Snap Gauge	" 97	"
: "	" 98	"
: "	" 99	"
:Surface Plate	" 87	"
: "	" 88	"
: "	" 89	"
: "	" 90	"
:Vernier Caliper	" 102	"
: "	" 103	"
: "	" 105	"
: "	" 106	"
: Total	85	3,016

Red Star Ken
29 Mar 49

HISTORY STATEMENT OF PLANT
DESIGNATED FOR REPARATION

1. Name of Plant: Koyo Seiko K.K., Takamatsu Plant.
2. Address: No. 630, Kusukami-cho, Takamatsu.
3. History of Plant:
- a) Koyo Seiko Kogyo K.K., established on 18, Jan. 1935.
 - b) Takamatsu Plant as its branch established on 8 June. 1939.
 - c) Takamatsu Plant transferred to Koyo Seiko K.K., on 1 Sept. 1943.
 - d) Koyo Seiko K.K., designated as plant of munitions Industry on 25, Apr., 1944.
 - e) Takamatsu Plant liquidated on 30 Oct., 1945.
 - f) Takamatsu Plant reopened on 1 Nov. 1945.
4. Date of Designation of Plant for Reparation:
5. Field of Industry Specified: Bearing.
6. Installations specified and Amount thereof:
- | | | |
|--------------------------|-----|------|
| Machine tool. | 204 | sets |
| Industrial machine. | 7 | " |
| Electric machine. | 17 | " |
| Test machine and others. | 110 | " |
| Total. | 338 | " |

7. 20 March 1946: Submitted application for reconversion and continued operation for peace industry.
8. 23 April 1946: Permission granted for above.
9. 16 Sept. 1946: Submitted application for partial exception.
10. 1 Aug., 1947: Assessment of property.
11. Nov., 1948: Submitted application for acquiring EX machinery.
12. 16 Feb., 1949: Submitted application for acquiring EX machinery.
13. Amount of Installed Machines at Present: 340 sets.

91ST MILITARY GOVERNMENT
HEADQUARTERS & HEADQUARTERS COMPANY
(Takamatsu, Shikoku)

ILB/jrp

APO 24
23 April 1946

SUBJECT: Approval of Application for Continued Operation

THROUGH: Kagawa Ken Liaison Office.

TO : Koyoseiko K.K. (Takamatsu Plant)
630 Kusugamicho, Takamatsu City, Shikoku.

1. Inclosed is application for reconversion and

Serial No. of report

Application for conversion of
and
report on industrial facilities

TO:

THRO :

The Koyo Seiko Co., Ltd., Takamatsu Factory.
630, Kusugamicho, Takamatsu-city.Name and address of reporting Unit

1. Name of Facility : Koyoseiko Kabushiki Kaisha, Takamatsu Kojyo.
The Koyo Seiko Co., Ltd., Takamatsu Factory.
2. Location: 630, Kusugamicho, Takamatsu.
3. Name of president of Manager: Mcichiro Kuramoto, President.
4. History
 - a. Date of Construction: Company established in Jan' 1935.
Factory in June 1939.
 - b. Date of first operation: June 1939.
 - c. 1935-1941 Production (Annual value in Yen; quantities of
principal products by units or weights.)

See the list attached.
 - d. Present capitalization in Yen : ¥31,250,000/(total amount
paid up)
 - e. Changes made in capital structure since 1935.

See the list No.2 attached.
 - f. Name and address of parent company: The Koyo Seiko Co., Ltd.
Kokubucho, Minami Kawachigun, Osaka Prefecture.
 - g. Number of shares outstanding None.

List No. 1.

4. C. 1935-1941 Production.

Year	Description	Quantity	Value
1935	None	None	None
1936	"	"	"
1937	"	"	"
1938	"	"	"
1939	Scroll Chucks	5,029 pcs	\$459,776.00
1940	Scroll Chucks	2,177 "	172,789.00
1941	Scroll Chucks	1,201 "	7,501.00
	Ball Bearings	211,432 "	630,360.00

List No. 2.

4. E. Changes made in Capital structure since 1935

- 1935 Establishment of the company, Capital ¥1,000,000/-
- 1937 establishment of the 2nd Koyo Seiko Co., Ltd.,
Capital ¥4,000,000/-
- 1938 The company was merged with the 2nd Koyo Seiko Co. Ltd.,
Capital ¥5,000,000/-
- 1940 Capital was doubled, Capital ¥10,000,000/-
- 1941 The company was further merged with the Koyo Koki Co.
Ltd.,
Capital 15,000,000/-
- 1943 Capital was doubled, Capital ¥30,000,000/-
- 1944 An increase of capital, Capital ¥31,250,000/-
- 1946 Present Capital ¥31,250,000/-

h. Number of stockhold (Give names of those owning 10% or total

No. of Stockholders.....1,839.

No stock holder owning 10% & more of total stocks.

1. Funds received from Government Bounties subsidies, etc.)

None.

j. On reverse side give outline sketch of plant layout with approximate dimensions.

See the sketch attached.

5. Description

a. Principal products.

1. Wartime Ball Bearing Scroll chucks.
2. At present Ball Bearing, Scroll chucks.
3. Planned for 1946-47

Ball Bearing, Scroll chucks.

b. Capacity

1. wartime Ball Bearing.....500,000 pcs.(monthly)
Scroll chucks.....150 pcs.(")
2. At present Ball Bearing.....25,000 pcs. Scroll
Chucks.....100 pcs.(month)
3. 1946-47(with unrestricted access to materials)

Ball Bearing.....50,000 pcs Scroll Chucks...100 pcs.(monthly)

c. Number of Employees

1. Parttime 553 persons.
2. At present 118 "
3. 1946-47(At maximum capacity) 500 persons.

6. Machinery & Equipment in plant(Give type, size, use and makers name.

Note: If this is an application for conversion of war factory to peace time production, describe proposed changes on reverse side.)

Description	Quantity	Condition
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See the list No. 3 attached.

7. Present stocks of Raw materials, supplies and unfinished goods.

List No. 3

Specification of Machinery & equipment.

<u>Type</u>	<u>Kind</u>	<u>Size</u>	<u>Use</u>	<u>Maker's name</u>	<u>No.</u>	<u>Condition</u>
English	Lathe	8 feet	Making Chucks	Miura Machine Mfg Works.	1	Set, good
"	"	"	Turning cut of bearings.	Yamaguchi Iron works.	1	" "
"	"	"	"	Kawakami Machine Mfg Works.	1	" "
"	"	6 "	"	Inoue Kiko Commercial K.K.	1	" "
"	"	"	"	Miura Machine Mfg. works.	2	" "
"	"	"	Making tool, repairing machine.	Shibasaki Store.	2	" "
"	"	"	Turning cut of bearings.	Takara Kikai Co.	1	" "
"	"	"	"	Kawakami Machine Mfg Works.	1	" "
"	"	"	"	Japan Make (obscure)	18	" "
"	"	"	"	Oshima Iron Works.	1	" "
"	"	"	Making chuck,	Japan make, (obscure)	2	" "
"	"	"	Turning cut of bearings.	"	4	" "
America	"	8 feet	Making tool & repairing Machine	"	1	" "
"	"	5 "	Turning cut of bearings.	Uchita Store.	2	" "
"	"	4 & 6 feet	"	Nishimura Iron works.	1	" "
"	"	4 & 5 feet	"	"	3	" "
"	"	4 feet	Making tool & repairing machine	Shibasaki Store.	1	" "
"	Bench Lathe.	280m/m3'	"	Kazura Mfg works.	1	" "
"	Turret Lathe.	300m/m	Turning cut of bearings	Japan Make (obscure)	1	" "
"	"	"	"	Hara Machine Mfg Works.	1	" "
"	"	"	Making Chucks.	"	1	" "
"	"	120m/m	"	Okadani Store.	1	" "
"	"	16,3H/P motordriven.	Turning cut of bearings.	Matsumoto Iron works.	10	" "

- continued -

<u>Kind</u>	<u>Type</u>	<u>Size</u>	<u>Use</u>	<u>Maker's name</u>	<u>No.</u>	<u>Condition</u>
Right-angled Lathe.		540m/m	Turning cut of bearings.	Home made.	4 Set	Goods
"		"	Making Chucks.	"	1 "	"
Vertical Machne.		1 1/2/550m/m	"	Made in Japan (obscure)	1 "	"
Drilling		"	Making tool & repairing machine.	"	1 "	"
Bench drilling Machine.		1 1/2/150/m/m	Drilling bearing holder.	Koyo Koki K.K.	2 "	"
"		"	Making Toll & repairings.	"	1 "	"
"		"	Making Chucks.	"	1 "	"
Drilling Machine.		1/260m/m	Making tool & repairings.	Made-in-Japan (obscure)	1 "	"
Universal Milling Machine.		230/940m/m	Making Chueks.	Nakatani Mfg Works.	5 "	"
"		"	"	Mada-in-Japan (obscure)	1 "	"
"		"	"	"	2 "	"
Horizontal milling Machine.		"	"	"	"	"
"		200/970m/m	"	Tsuji Seiki	5 "	"
"		"	Making tools & repairings.	"	1 "	"
"		250/1175m/m	"	Kokubu Iron works.	1 "	"
Vertical Milling Machine.		75/620m/m.	"	Made-in-Japan (obscure)	1 "	"
Universal grinding Machine.		350m/m/36"	Turning cut of bearings.	Koyo Koki	2 "	"
Internal grinding	Machine	100/150m/m	Grinding bearing.	Mikuro Mfg Works.	26 "	"
"		MI-200	"	"	2 "	"
Surface Grinding	Machine	200/850m/m	Grinding Chu-ck's nail.	Japan-make (obscure)	4 "	"
"		450m/m	Grinding bearing face.	Koyo Koki	4 "	Two need to repair Good.
"		560m/m	"	"	1 "	"
Tool Grinding Machine.		"	Making Tool & repairings.	Japan-make (obscure)	3 "	"

- Continued -

<u>Kind</u>	<u>Type</u>	<u>Size</u>	<u>Use</u>	<u>Maker's Name</u>	<u>No.</u>	<u>Condition</u>
Centerless Grinding Machine.		NC-24	Grinding bearing outside Dia.	Nippon Grinding Machine Works.	2	Set. Good.
"		NB-16	"	"	3	" "
Inner ball race Grinding Machine.		# 33	Grinding bearing rail.	Nippon Industrial K.K.	9	" "
"		# 11	"	"	1	" "
Outer ball race Grinding Machine.		# 72	"	"	19	1 machine need repair
"		# 120	"	"	2	good.
Plain Grinding Machine.		500m/m/6"	Grinding Chuck.	Japan-made. (obscure)	4	" "
Bench double Head tool Grinder.		10" / 1/4"	Making & repairing tools.	"	3	" "
Bench Grinding Machine.		8" / 1" / 5/8"	"	"	1	" "
Lapping Machine.		90m/m	Grinding bearing rails.	"	11	" "
"		20m/m	"	Koyo Seiko K.K.	5	" "
Shaping Machine.		18" (kotei)	Making Chucks nails.	Japan-made. (obscure)	1	" "
"		16" (")	"	Koyo Koki K.K.	1	" "
"		18" (")	Making & repairing Tools.	"	1	" "
Tool Grinding Machine.		12" / 1" / 1"	"	Home-made	1	" "
Hacksaw Machine.		6" / 6"	"	Morita Machine Mfg. Works.	1	" "
"		8" / 8"	Cutting bearing machine.	Japan-made (obscure)	3	" "
"		6" / 6"	"	"	1	" "
Cutting Machine.		whtstone	"	Kaiyo Kogyo	1	" "
Centerling Machine		200m/m/3"	Making Bearing centre.	Home-made.	1	" "
Crank press		-	Making bearing stamp.	"	1	" "
Hand press		-	Making & repairing tools.	Japan-made (obscure)	2	" "

<u>Description</u>	<u>Quantity</u>	<u>Condition</u>
Chrome steel	55 ton	fine
Carbon steel	1,25 ton	"
Steel ball	2,055,946 ton	"
Bearings	76,500 ton	" (unfinished)
Scroll chucks	550 ton	(")

8. Present stocks of Finished Goods.

<u>Description</u>	<u>Quantity</u>	<u>Condition</u>
Scroll chuck	81 pcs	fine
Ball bearing	6,727 "	"

9. Present stocks of fuel.

<u>Description</u>	<u>Quantity</u>
Coal....7 ton, Cokes....21 ton, Heavy oil....	2,392 litre.

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

<u>Description</u>	<u>Quantity</u>
Lathe	75 set.

11. Raw materials & supplies needed (Monthly)

a. For present capacity (5b2 above)

<u>Description</u>	<u>Quantity</u>
Chrome steel	25 ton.
Steel ball	250,000 pcs.
Carbon steel	375 kgs.
Pig iron	1,400 "
Burned steel	1 ton.

b. For maximum (5b3 above)

<u>Description</u>	<u>Quantity.</u>
Chrome steel	50 ton
Steel ball	500,000 pcs
Carbon steel	750 kgs.
Pig iron	1,400 "
Burned steel	1 ton.

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

<u>Description</u>	<u>Quantity</u>
Coal	20 ton
Cokes	7 "
Heavy oil	3,650 litre

13. Additional personnel needed (Not locally available)

<u>Special skills</u>	<u>Number</u>
None.	

14. Prices (Give current selling prices in Yen of principal products)

<u>Description</u>	<u>Unit</u>	<u>Price</u>
Ball bearing	pcs.	¥ 20/-
Scroll chucks	"	¥2.00/-

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

Our future plan is to manufacture bearings for Coal-mining, Vehicles, Textile manufacturing, Paper-making, Saw-milling and other civil demands by using these Facilities in hand unchanged. We wish sincerely the conversion of this Plant be approved as truly in the above.

16. Certifications by applicant

I certify that the information contained herein is true to the best of my knowledge and belief.

Signed _____

Title President for the Koyo
Seiko Co., Ltd.,
Takamatsu Factory.

17. Action by occupation forces.

The factory described in this application has been inspected and the following action:

a. Ordered to remain closed Yes _____ No _____

b. Ordered to cease operations immediately:
Yes _____ No _____

c. Authorized to produce at the following rate:

<u>Item to be manufactured</u>	<u>Monthly Quantity</u>

Signature of Authorizing Officer

Designation of Authorizing Unit

INSTRUCTIONS

1. The purpose of this form is to present a complete picture of the factory concerned.
2. If exact information is not available make estimates and mark them as such.

3. Use the reverse side of any sheet for data there is not space for on the face of the form.
4. Where capacities or quantities are given state clearly unit of measure being used.

h. Number of stockholder (Give names of those owing 10% of total.

No. of Stocks 1,839. Zenichiro Ikeda.

i. Funds received from Government (cunties, subsidies, etc.)

None.

j. On reverse side give outline sketch of plant layout with approximate dimadsions.

See the sketch attached.

5. Description

a. Principal products.

1. Wartime: Ball Bearing Ball, Scroll chuck.
2. At present: Ball Bearing, Scroll chuck.
3. Planned for 1946-47: Ball Bearing, Scroll chucks.

b. Capacity

1. Wartime: Ball Bearing 50,000 pcs. (monthly)
Scroll chuck 150 " (")
2. At present: Ball bearing 25,000 pcs
Scroll chuck 100 pcs.
3. 1946-47 (with unrestricted access to materials)

c. 1. Wartime:

2. At present : 553 persons.
118 "

3. 1946-47 (At maximum capacity) 500 persons.

6. Machinery & Equipment in plant (Give type size, use, and makers name.

Note: if this is an application for conversion of a war factory to peace time production, describe proposed changes on reverse side.)

Description Quantity Condition

See the list No.3 attached.

7. Present stocks of Raw materials, supplies and unfinished goods.

<u>Description</u>	<u>Quantity</u>	<u>Condition</u>
Carbon Steel	1.250 ton	Fine
Steel Ball	2,053,946 pcs	"
Bearings	76,500 "	unfinished,
Scral chucks	350 "	"

8. Present stocks of Finished Goods.

<u>Description</u>	<u>Quantity</u>	<u>Condition</u>
Ball Bearing	6,725 pcs	Fine
Scral chucks	81 "	"

9. Present stocks of fuel

<u>Description</u>	<u>Quantity</u>
Coal...7 ton. Cokes... 21 ton. Heavy oil... 2,392 litre.	

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

<u>Description</u>	<u>Quantity</u>
Lathe	75 set.

11. Raw materials & supplies needed (Monthly)

a. For present capacity (5b2 above)

<u>Description</u>	<u>Quantity</u>
Chrome steel	25 ton
Steel ball	250,000 pcs
Carbon Steel	395 kgs.
Pig iron	1,400 "
Burned steel	1 ton.

b. For Maximum (5b3 above)

<u>Description</u>	<u>Quantity</u>
Chrome steel	50 ton
Steel ball	500,000 pcs.
Carbon Steel	750 kgs.
Pig iron	1,400 "
Burned steel	1 ton.

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

<u>Description</u>	<u>Quantity</u>
Coal	20 ton
Cokes	7 "
Heavy oil.....	3,650 litre

13. Additional personnal needed (not locally vallable)

<u>Description</u>	<u>Number</u>
Special skills	
None.	

14. Prices (Give current selling prices in Yen of principal products).

<u>Description</u>	<u>Unit</u>	<u>Price</u>
Ball		
Bearing ball	pcs.	¥20/-
Seral chucks	"	¥200/-

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

Our future plan is to manufacture hearings for coal-mining, vehicles, textile manufacturing, Paer-making, Saw-milling and other civil demands by using these Facilities in hand unchanged, We with sincerely the conversion of this plant be approved as truly in the above.

16. Certificatiers by applicant.

I certify that the information contained herein is true to the best of my knowledge and belief.

Signed Mauhiro Kuramoto.

Title President for the Koyo
Seiko Co. Ltd., Takamatsu
Factory.

17. Action by occupation Forpen

The factory described in this application has been inspected and the following action:

a. Ordered to remain closed Yes _____ No x

b. Ordered to cease operations immediately:
Yes _____ No x

c. Authorized to produce at the following rate:

<u>Item to be manufactured</u>	<u>Monthly Quantity</u>

Signature of Authorizing Officer

Designation of Authorizing Unit

INSTRUCTIONS

1. The purpose of this form is to present a complete picture of the factory concerned.
2. If exact information is not available make estimates and mark them as such.
3. Use the reverse side of any sheet for data there is not space for on the face of the form.
4. Where capacities or Quantities are given state clearly unit of measure being used.

LIST OF WORKING MACHINES

Koyoseiko K.K., Takamatsu Plant.

Inventory Code No.	Classifi- cation.	Name of Machine.	Capacity.	Quantity. specified by class.			Use	Remarks.
				A	B	C		
143-1	Drilling Machine	Manual Drilling Machine.	1/2"x260m/m	1				1
" 2	"	Bench Drill.	1/2"x150m/m	1				1
" 3	"	"	"	1	1			1
" 4	"	"	"	1				1
" 5	"	Vertical Drilling Machine.	1.1/2"x550m/m	1				1
" 6	"	"	"	1				1
" 7	Grinder	Internal Groove Grinder.	Bannorman type No.33	1				1
145-1	"	"	"		1			1
" 2	"	"	"		1			1
" 3	"	"	"	1			1	
" 4	"	"	"	1			1	
" 5	"	"	"		1			1
" 6	"	"	"		1			1
" 7	"	External Groove Grinder.	No.72	1				1
" 8	"	"	"		1			1
" 9	"	"	"		1			1
" 10	"	"	"		1			1
" 11	"	"	"		1			1
" 12	"	"	"		1			1
" 13	"	"	"	1				1
" 14	"	"	"	1				1
" 15	"	"	"		1		1	
" 16	"	"	"		1		1	
" 17	"	"	"	1			1	
" 18	"	"	"		1			1
" 19	"	"	"		1			1

" 20	"	"	"	No.120	1	1	1	
" 21	"	"	"	No.. 70	1	1	1	
" 22	"	"	"	"	1	1	1	
" 23	"	Internal	M1-100	100m/mx150m/m	1		1	
		Grinder.						
" 24	"	"	"	"	1		1	
" 25	"	"	"	"	1		1	
" 26	"	"	M1-200	"	1		1	
" 27	"	"	"	"	1		1	
" 28	"	"	M1-100	"	1		1	
" 29	"	"	"	"	1		1	
" 30	"	"	"	"	1		1	
" 31	"	"	"	"	1		1	
" 32	"	"	"	"	1		1	
" 33	"	"	"	"	1		1	
" 34	"	"	"	"	1		1	
" 35	"	"	"	"	1		1	
" 36	"	"	"	"	1		1	
" 37	"	"	"	"	1		1	
" 38	"	"	"	"	1		1	
" 39	"	"	"	"	1		1	
" 40	"	"	"	"	1		1	
" 41	"	"	"	"	1		1	
" 42	"	Centerless	Double head	NB-16	1		1	
		Grinder.						
" 43	"	"	"	"	1		1	
" 44	"	"	"	NC-24	1		1	
" 45	"	Surface	Branchard type	460m/m	1		1	Rotary
		Grinder.						
" 46	"	"	"	"	1		1	
" 47	"	Universal	No. 36		1		1	
		Grinder.						
" 48	"	Cutter			1		1	
		Grinder.						
" 49	"	Double-head	8"x1"x5/8"		1		1	
		Grinder.						
" 50	"	"	12"x1.1/4"x1"		1		1	
" 51	"	Internal	Bannorman type	No.33	1		1	
		Groove						
		Grinder.						
" 52	"	"	"	"			1	1
" 53	"	"	"	"			1	1
" 54	"	External					1	1
		Groove Grinder.						
" 55	"	"	"	"			1	1
" 56	"	"	"	"			1	1
" 57	"	"	"	"			1	1
" 58	"	"	"	"			1	1
" 59	"	"	"	"			1	1
" 60	"	Internal	M1-100	100m/mx150m/m			1	1
		Grinder.						

" 61	"	Internal Grinder.	M1-100 100m/mx150m/m	1	1	
" 62	"	"	" "	1	1	
" 63	"	"	" "	1	1	
" 64	"	"	" "	1	1	
" 65	"	"	" "	1	1	
" 66	"	"	" "	1	1	
" 67	"	"	" "	1	1	
" 68	"	"	" "	1	1	
" 69	"	Centerless Double-head Grinder.	NB-16	1	1	
" 70	"	"	NC-24	1	1	
" 71	"	Surface Grinder.	Branchard type 460m/m	1	1	Rotary
" 72	"	"	"	1	1	
" 73	"	Double-head Grinder.	10"x1/4"x3/4"	1	1	
" 74	"	Horizontal Surface Grinder.	560m/mx6"	1	1	
" 75	"	"	"	1	1	
" 76	"	"	"	1	1	
" 77	"	"	"	1	1	
" 78	"	Universal Grinder.	No. 36	1	1	
" 79	"	Gutter "	"	1	1	
" 80	"	Vertical Surface Grinder.	Branchard 560m/m	1	1	Rotary
" 81	"	Horizontal Surface Grinder.	200m/mx850m/m	1	1	
" 82	"	"	"	1	1	
" 83	"	"	"	1	1	
" 84	"	"	"	1	1	
" 85	"	Race Polisher.	110 x30 Bench type	1	1	
" 86	"	"	" "	1	1	
" 87	"	"	" "	1	1	
" 88	"	"	" "	1	1	
" 89	"	"	" "	1	1	
" 90	"	"	" "	1	1	
" 91	"	"	" "	1	1	
" 92	"	"	" "	1	1	
" 93	"	"	" "	1	1	
" 94	"	"	" "	1	1	
" 95	"	"	" "	1	1	
" 96	"	"	" Knee type	1	1	
" 97	"	"	" "	1	1	
" 98	"	"	" "	1	1	
" 99	"	"	" "	1	1	
"100	"	"	" "	1	1	
"101	"	Double-head Grinder.	Knee type	1	1	
"102	"	"	Bench type	1	1	

"103	"	Double-head	Knee type	1	1
		Grinder.			
1A6-1	Lathe	Engine Lathe.	E 6'	1	1
" 2	"	"	"	1	1
" 3	"	"	"	1	1
" 4	"	"	"	1	1
" 5	"	"	E 8'	1	1
" 6	"	"	"	1	1
" 7	"	"	E 6'	1	1
" 88	"	"	"	1	1
" 9	"	"	"	1	1
" 10	"	"	"	1	1

1A6-11	Lathe	Automatic turning Machine.	K-6	12"	1			1
"	12	"	"	"		1		1
"	13	"	"	"	1			1
"	14	"	"	"		1		1
"	15	"	"	"			1	1
"	16	Engine Lathe	E 6				1	1
"	17	"	E 8				1	1
"	18	"	E 6				1	1
"	19	Automatic Turning Lathe	K-6	12"				
"	20	"	"	"			1	1
"	21	"	"	"			1	1
"	22	"	"	"			1	1
"	23	"	"	"				1
"	24	Engine Lathe	E120m/m			1		1
"	25	"	E300m/m		1			
"	26	"	A8'		1		1	
"	27	"	E6'		1		1	
"	28	"	"		1			1
"	29	"	"				1	1
"	30	"	A300 m/m		1			1
"	31	"	E300 m/m			1		
"	32	"	E 6'		1		1	
"	33	"	" "		1		1	
"	34	"	" 8'			1	1	
"	35	"	" 6'			1	1	
"	36	"	" "			1	1	
"	37	"	" "		1			1
"	38	"	A 4'			1	1	
"	39	"	E 6'			1	1	
"	40	"	" "					
1A6-41	"	"	E 6'			1		1
"	42	"	A4.5'		1			1
"	43	"	" "		1		1	1
"	44	"	" "			1		1
"	45	"	" 5'				1	1
"	46	"	" "				1	1
"	47	"	" 4.5'		1			1
"	48	"	E 6'		1		1	1
"	49	"	" "			1		1
"	50	"	" 8'		1		1	1
"	51	"	" 6'			1		1
"	52	"	" "			1		1
"	53	"	" "			1		1
"	54	"	" "			1		1
"	55	"	" "		1			1
"	56	"	" "				1	1
"	57	"	" "				1	1
"	58	"	" "				1	1
"	59	"	" "			1		1

1A6-	60	"	High-Angled Lathe	540 m/m	1			
"	61	"	"	"	1		1	
"	62	"	"	"	1			1
"	63	"	"	"	1		1	
"	64	"	"	"	1			
"	65	"	Bench. Lathe	A280m/mx3	1			1
1A7-	1	"	Milling Machine	Vertical Milling Machine 120m/mx620 m/m	1			1
"	2	"	"	Horizontal Milling Machine 200m/mx970 m/m	1		1	
"	3	"	"	"	1		1	
"	4	"	"	"	1		1	
"	5	"	"	"	1		1	
"	6	"	Sawing Machine	"				
"	6	"	"	230m/mx940 m/m	1			1
"	7	"	"	"	1		1	
"	8	"	"	200m/mx970m/m		1	1	
"	9	"	Universal Milling Machine	230m/mx940m/m	1		1	
"	10	"	"	"	1		1	
"	11	"	"	"	1		1	
"	12	"	"	"	1		1	
"	13	"	"	"	1		1	
"	14	"	Horizontal Milling Machine	"	1		1	
"	15	"	Horizontal Milling Machine	"	-1		-1	-1
"	16	"	"	250m/mx1.175m/m	1		1	1
1A9-1		"	Other-typetoo machine	Sawing Machine 8" x 8"	1			1
"	2	"	"	Centerring Machine 3 x 200m/m	1			1
"	3	"	"	Shaper 18"	1			1
"	4	"	"	"	1		1	
"	5	"	"	16"	1			1
"	6	"	Sawing Machine	6" x 5"	1			1
"	7	"	"	"	1			1
"	8	"	"	"	1		1	
"	9	"	Cutting Machine	"	1			1
"	10	"	Cutting Machine	14"	1			1

1B4-1	Crank Press	Press	200m/m	1	1	
" 2	"	"		1		1
" 3	"	"		1	1	
1C2-1	Testing Machine.	Orthotest		1	1	
" 2	"	Ptical Gauge		1		1
" 3	"	Orthotest		1	1	
" 4	"	Eccentricity		1	1	
" 5	"	Minireter		1	1	
" 6	"	"		1		1
" 7	"	Cylinder Gauge	10-18	1	1	
" 8	"	"	"	1	1	
" 9	"	"	"	1		1
" 10	"	"	18-35	1		1
" 11	"	"	"	1		1
" 12	"	"	"	1	1	
" 13	"	"	"	1	1	
" 14	"	"	35-60	1	1	
" 15	"	"	"	1		1
" 16	"	"	"	1	1	
" 17	"	"	"	1	1	
" 18	"	"	"	1	1	
" 19	"	"	60-100	1	1	
" 20	"	"	"	1	1	
" 21	"	"	"	1	1	
" 22	"	"	"	1	1	
" 23	"	"	"	1	1	
" 24	"	Block Gauge	47 pes.	1	1	
" 25	"	"	1005-100	1	1	
" 26	"	"	"	1	1	
" 27	"	"	10 Pes.	1	1	
" 28	"	"	9 Pes 17-90	1	1	
" 29	"	"	"	1	1	
" 30	"	"	"	1	1	

"	30	"	Measuring Table	Carl Marr type	1	1
"	31	"	"	"	1	1
"	32	"	"	"	1	1
"	33	"	"	"	1	1
"	34	"	"	"	1	1
"	35	"	"	"	1	1
"	36	"	"	"	1	1
"	37	"	"	"	1	1
"	38	"	"	"	1	1
"	39	"	"	"	1	1
"	40	"	"	"	1	1
"	41	"	"	"	1	1
"	42	"	"	"	1	1
"	43	"	"	"	1	1
"	44	"	"	"	1	1
"	45	"	"	"	1	1
"	46	"	"	"	1	1
"	47	"	"	"	1	1
"	48	"	"	"	1	1
"	49	"	"	240-215	1	1
"	50	"	"	"	1	1
"	51	"	"	"	1	1
"	52	"	"	"	1	1
"	53	"	"	"	1	1

"	54	"	"	"	1	1
"	55	"	Groove Eccentricity Tester	230-130	1	1
"	56	"	"	"	1	1
"	57	"	"	"	1	1
"	58	"	"	"	1	1
"	59	"	"	"	1	1
"	60	"	"	"	1	1
"	61	"	"	"	1	1
"	62	"	"	"	1	1
"	63	"	"	"	1	1
"	64	"	"	"	1	1
"	65	"	"	"	1	1
"	66	"	"	"	1	1
102-	67	"	"	230-120	1	1
"	68	"	"	"	1	1
"	69	"	"	"	1	1
"	70	"	"	"	1	1
"	71	"	"	"	1	1
"	72	"	"	"	1	1
"	73	"	"	"	1	1
"	74	"	"	"	1	1
"	75	"	"	"	1	1
"	76	"	"	"	1	1

"	77	"	"	"	1	1
"	78	"	"	"	1	1
"	79	"	"	"	1	1
"	80	"	Surface Plate	Marking stand 350x310	1	1
"	81	"	"	"	1	1
"	82	"	"	"	1	1
"	83	"	"	"	1	1
"	84	"	"	"	1	1
"	85	"	"	"	1	1
"	86	"	"	" 750x310	1	1
"	87	"	"	"	1	1
"	88	"	"	" 350x310	1	1
"	89	"	"	"	1	1
"	90	"	"	Finishing 460x305	1	1
"	91	"	Micrometer	1/100 50-75	1	1
"	92	"	"	1/100 25-50	1	1
"	93	"	"	1/100 0-25	1	1
"	94	"	Snap Gauge	0-25 1/100	1	1
"	95	"	"	25-50 "	1	1
"	96	"	"	50-75 "	1	1
"	97	"	"	50-7 5 1/100	1	1
"	98	"	"	75-100 "	1	1
"	99	"	"	" "	1	1

1C2-100	Testing machine.	Block-holder.	50-200	1	1
" 101	"	Caliper vernier	6	1	1
" 102	"	"	"	1	1
" 103	"	"	"	1	1
" 104	"	"	12 "	1	1
" 105	"	"	"	1	1
" 106	"	"	"	1	1
1C3- 1	"	Hardness tester (Rockwell type)		1	1
" 2	"	Hardness tester (Shoa type)		1	1
" 3	"	"		1	1
" 4	"	"		1	1
1C4- 1	Furnace	Quenching furnace	61Cmx66Cm	1	1
" 2	"	"	"	1	1
" 3	"	Annealing furnace	46Cmx46Cm	1	1
" 4	"	Oil heating furnace.	46Cmx45Cm	1	1
" 5	"	Crude oil furnace	600x250x150	1	1
" 6	"	Carborizing furnace	700 x900	1	1
" 7	"	Forging furnace	800x1200x650	1	1
2A2- 1	Motor	Motor	10 HP	1	1
" 2	"	"	20 HP	1	1
" 3	"	"	15 HP	1	1
" 4	"	"	7½ HP	1	1
" 5	"	"	15 HP	1	1
2B1- 1	Transformer	Transformer	30 KVA	1	1
" 2	"	"	"	1	1
" 3	"	"	"	1	1
" 4	"	"	"	1	1
2B2- 1	Switch	Knife edge switch	500A	1	1
" 2	"	"	300A	1	1
" 3	"	"	250A	1	1
" 4	"	"	200A	1	1
" 5	"	"	"	1	1
" 6	"	"	500A	1	1
" 7	"	"	200A	1	1
" 8	"	"	150A	1	1
Total				179	117 42 212 126

EX-1	Surface shaper.	Arch type 1700x700x700	1	
" 2	Sawing machine	Spring type	1	
" 3	Turbine pump	2" Two-stage type	1	
" 4	Centrifugal pump	2"	1	
" 5	Washing machine	Double type	1	
" 6	"	"	1	
" 7	Boring sorter	Knife edge type		
" 8	Circular lumber- ing saw	24"		1
" 9	Pyrometer	Electric heat type 0-1200 4 ton	1	1
"10	Oil press			1
"11	Eccentric press			1
"12	Welding tank		1	
"13	Electric drill		1	
"14	Chain block	1 ton	1	
"15	"	1/2 ton	1	
"16	"	2 ton		
"17	Tapping attachment			1
"18	Stainless oil furnace			1
"19	Temper furnace			1
"20	Phase advancer	Three-phase 100KVA. 3300V		1
"21	Motor	2 HP	1	
"22	"	"	1	1
"23	"	1 HP		1
"24	"	"		
"25	Insulation tester	500V 100Meg	1	
"26	Voltmeter	Three-phase alternating current		1
"27	"			1
				17 10
Total	27			

ON/OK

SPECIFIED ACCOUNT OF PERSONNEL EXPENSES
NECESSARY FOR MAINTENANCE

For January, 1949.

Kind of Job.	Name	Amount Paid by Co.	Amount Received.	Amount of Balance as Charge to Co.	Remarks.
Manager in charge.	Shigeichiro Kuramoto	9,652.50	4,433.00	5,219.50	
Sub-Total				5,219.50	
	Kazuo Inage	11,971.00	3,217.00	8,754.00	
Assistant	Yukiyoshi Uda	11,542.00	3,217.00	8,325.00	
	Takaichi Kobayashi	9,796.00	3,217.00	6,579.00	
Sub-Total				23,658.00	
	Asao Oka	9,900.00	2,145.00	7,755.00	
	Toshio Yoshida	9,561.00	2,145.00	7,416.00	
Clerk	Shigekazu Takahashi	9,477.00	2,145.00	7,332.00	
	Tetsuya Tsunemoto	4,231.00	2,145.00	7,086.00	
	Chie Sakai	4,904.00	2,145.00	2,759.00	

	Image			
Assistant	Yuki Yoshi Uda	11,542.00	3,217.00	8,325.00
	Takaichi Kobayashi	9,796.00	3,217.00	6,579.00
Sub-Total				23,658.00
Clerk	Asao Oka	9,900.00	2,145.00	7,755.00
	Toshio Yoshida	9,561.00	2,145.00	7,416.00
	Shigekazu Takahashi	9,477.00	2,145.00	7,332.00
	Tetsuya Tsunemoto	4,231.00	2,145.00	7,086.00
	Chie Sakai	4,904.00	2,145.00	2,759.00
Sub-Total				32,348.00
Maintenance-man.	Tokichi Aoki	10,894.00	2,359.00	8,535.00
	Kwanji Ogura	8,596.00	2,359.00	6,239.00
	Toshiaki Ikeda	7,789.00	2,359.00	5,430.00
	Kiyoshi Shigenobu	6,766.00	2,359.00	4,407.00
	Yoshiyuki Goto	9,641.00	2,359.00	7,282.00

	Tsuneo Koike	8,375.00	2,359.00	6,016.00
	Shigeo Wakasa	10,564.00	2,359.00	8,205.00
	Eikichi Tsutsui	6,375.00	2,359.00	4,016.00
	Hiroichi Nagai	10,314.00	2,359.00	7,951.00
	Sub-Total			58,081.00

	Yanosuke Nasu	7,676.00	2,359.00	5,317.00
	Tadashi Ikeuchi	6,407.00	2,359.00	4,048.00
Guard	Muneyoshi Ogawa	7,144.00	2,359.00	4,785.00
	Kiyohiro Kataoka	9,842.00	2,359.00	4,785.00
	Toshio Fujimoto	7,912.00	2,359.00	5,603.00
	Masaharu Kudo	8,934.00	2,359.00	6,575.00
	Eiji Wakamiya	3,587.00	2,359.00	1,228.00
	Shigenobu Fujimoto	5,527.00	2,359.00	3,168.00
	Mitsuharu Yamamoto	7,738.40	2,359.00	5,377.00
	Hisateru Tatemichi	8,580.00	2,364.00	6,216.00
	Sub-Total			47,104.00

	Tsuneo Koike	8,375.00	2,359.00	6,016.00
	Shigeo Wakasa	10,564.00	2,359.00	8,205.00
	Eikichi Tsutsui	6,375.00	2,359.00	4,016.00
	Hiroichi Nagai	10,314.00	2,359.00	7,951.00
	Sub-Total			58,081.00

	Yanosuke Nasu	7,676.00	2,359.00	5,317.00
	Tadashi Ikeuchi	6,407.00	2,359.00	4,048.00
Guard	Muneyoshi Ogawa	7,144.00	2,359.00	4,785.00
	Kiyohiro Kataoka	9,842.00	2,359.00	4,785.00
	Toshio Fujimoto	7,912.00	2,359.00	5,603.00
	Masaharu Kudo	8,934.00	2,359.00	6,575.00
	Eiji Wakamiya	3,587.00	2,359.00	1,228.00
	Shigenobu Fujimoto	5,527.00	2,359.00	3,168.00
	Mitsuharu Yamamoto	7,738.40	2,359.00	5,377.00
	Hisateru Tatemichi	8,580.00	2,364.00	6,216.00
	Sub-Total			47,104.00

Reparation Plant - Kogyo Seiko

Location : 630 Keshugamicho, Takamatsu

Type of Plant: Muniton

Code : 17-3
 M.G. Permit - 23 Apr. 1946

Scapin : listing them as reparation - #1136 & 1499

Capitalization: ¥100,000,000- (One Hund. mil.)
 (increased to this amount in Dec 48)

Short Story of Plant:-

- June 39 - Established as Kogyo Precision Instrument Co.
- Sept 43 - United with Kogyo Seiko Co Ltd
- Apr 45 - Designated as Muniton plant by Muniton mins.
- Aug 46 - " as Reparation Plant by Scap

Number of machines on Reparation - 338

Authorized use - 338

Storage - none

Number of machines by classification: not specified in classes.

²
~~29~~ (EX) Item } total 27
 25 (EX) " }

Mr. Kuramoto, Chief Custodian

Mr. Inaga, Kazuo, 2222-2 153

Mr. Kobayashi, Takaichi, Misc. 1946 Apr. 23

Mr. Ueda Yukiyoshi, tech.

Number of machines authorized by local M.G. for use - 232