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

GHQ/SCAP Records (RG 331, National Archives and Records Service)

Description of contents

(1) Box no. 2905

(2) Folder title/number: (13)
400.170: (Reconversion & Exemption) Nippon Nainenki - Amagasaki

(3) Date: Jan. 1946 - Oct. 1946

(4) Subject:

Classification	Type of record
9230, 9621	Z

(5) Item description and comment:

Hyogo

(6) Reproduction: (Yes) No

(7) Film no. Sheet no.

(Compiled by *National Diet Library*)

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

#15

FILE

HYOGO MILITARY GOVERNMENT TEAM
COMMERCE & INDUSTRY SECTION
APO 317

THD/dl

R-2

22 October 1946

SUBJECT: Permission to Operate - The Nippon Nainenki Kabushiki Kaisha, Amagasaki Plant.

TO : The Nippon Nainenki Kabushiki Kaisha
Amagasaki Plant
Souke-2 Shioe, Amagasaki-shi
Hyogo-ken

1. Permission is hereby granted to continue operation of your Amagasaki Plant at Souke-2 Shioe, Amagasaki-shi, Hyogo-ken.

2. Production of the following items are authorized:

	Monthly
Spinning spindle	30,000 sets
Spinning rings	40,000 units
Spinning fluted rollers	120 lines

3. A monthly report in English of all items produced will be submitted to this office not later than the 15th day of the following month.

PETER W. SCOTT
Lt Col Inf
Commanding

#8

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

BASIC: Ltr, Hq 31st Mil Govt Co., Subj: "Application for Permission to Operate: Nippon Nainenki K.K.", dated 2 April 1946.

AG 004 - BA 4th Ind EHN/hy

Hq I Corps, APO 301, 3 MAY 1946

TO: CO, 94th Mil Govt Gp, APO 660.

1. Your attention is directed to preceding indorsement.

2. It is the decision of this headquarters that subject plant will be included on restricted list for reparations purposes.

3. In compliance with paragraph 4 Operational Instructions No. 1, this headquarters, a report of action taken towards the custody and control of subject installation will be made notlater than 30 May 1946. Application for reconversion of the subject plant will be resubmitted in accordance with paragraph 7 of Operational Instructions No. 2 this headquarters.

BY COMMAND OF MAJOR GENERAL WOODRUFF:

H B Jaylor

H. B. TAYLOR
Major, AGD
Asst. Adj Gen.

1 Incl:
Application (trip)

5th Ind

Hq, 94th Hq & Hq Det Mil Govt Gp, APO 660 (Osaka, Japan) 7 May 46

TO: CO, 31st Mil Govt Hq & Hq Co, APO 660 (Kobe)

Forwarded for your information and compliance with 4th Indorsement.

By order of Lieutenant Colonel ATWOOD:

Beeebe

BEN LOCKE
Maj, AC
Resources & Ind. Officer

Incl:
n/c

8

BAZ699

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

Ltr Hq 31st Mil Govt Co., dated 2 Apr 46, Subj: "Application for Permission to Operate: Nippon Nainenki K.K."

26 APR 1946
AG 004
CORPS

AG 004.04 (MG) 3rd Ind.

Headquarters Eighth Army, APO 343.

TO: Commanding General, I Corps, APO 301.

With reference to paragraph 2 of the 2nd indorsement, your attention is invited to sub-paragraph 2i, Operational Directive Number 5, this headquarters, dated 18 January 1946, which directs that your headquarters will effect custody and control of installations discovered in your area that are considered to be within the intent of Operational Directive Number 5. Report of action taken will be forwarded to this headquarters.

BY COMMAND OF LIEUTENANT GENERAL EICHELBERGER:

1 Incl
n/c

James H. Nash

JAMES H. NASH
1st. Lt., CAC
Actg. Asst. Adjutant General.

MG

812699

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

HEADQUARTERSZ
31ST MIL GOVT HQ & HQ CO
APO 660, (KOBE, HONSHU)

2 April 1946

SUBJECT: Application for Permission to Operate: Nippon Nainenki K.K.

TO : Commanding Officer
94th Hq & Hq Det
Mil Govt Gp, APO 660 (Osaka)

1. When inspection of this factory was made it was found to be approximately 50% reconverted from war production and operating for the repair of spinning spindles, spinning rings, and spinning fluted rollers. Before the war the above mentioned items were the principal products of this firm. In 1942 the company switched its production to the manufacture of aircraft parts, and for the duration of the war 99.4% of its production was aircraft parts.

2. Attached to the company's application is a letter from the Japan Textile Association which states that the Nippon Nainenki is essential to the cotton spinning industry in Japan. This office does not concur with this opinion, but we deem it essential to the southern area of Japan.

3. The stocks of raw materials as indicated on application were found to be accurate and are all owned by this company.

4. Investigation revealed no discrepancies in their financial report and no loans from any Zaibatsu bank.

5. In paragraph 6 where machinery and equipment is listed, all of the machinery belongs to this factory, but approximately one third of the machines are still dispersed and are not actually in the plant. The dispersed machinery is being returned to the main plant.

6. This office recommends that this plant be granted permission to reconvert for the production of spinning spindles, spinning rings, and spinning fluted rollers.

1 Incl
Application of Nippon
Nainenki K.K. for permission
to operate (5 copies)

Peter W. Scott
PETER W. SCOTT
Lt Col, Infantry
Commanding

3

L-2563

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

BASIC: Ltr, Hq 31st Mil Govt Hq & Hq Co, APO 660, dated 2 Apr 46
Subject: "Application for Permission to Operate: Nippon Nainenki K. K."

1st Ind

Hq, 94th Hq & Hq Det Mil Govt Gp, APO 660 (Osaka, Japan), 9 Apr 46

TO: CG, I Corps, APO 301

1. This headquarters recommends that permit be granted and subject plant be placed on OD-5.

For the Commanding Officer:

Ben Locke (Jnr)
BEN LOCKE
Maj, AC
Resources & Ind. Officer

M G

1 Incl:
Application in quadruplicate.

AG 004 - BA 2nd Ind GLS/mth

Hq I Corps, APO 301, 18 APR 1946

TO: CG, Eighth Army, APO 343

1. It will be noted from paragraph 5 of subject company's application that during the war it produced almost 50% aircraft parts on sub-contract with Nakajima Aircraft Company, and that the balance of this production was concerned with the production of munitions.

4600 BA/L - 2563

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

BASIC: Ltr, 31st Mil Govt Co, APO 660, dated 2 Apr 46, subj: "Application for Permission to Operate: Nippon Nainenki K.K.", cont'd.

8722

2. It is recommended that this plant be included on the listings appended to Operational Directive No. 5 for the following reasons:

a. Company's war-time production was approximately 50% on aircraft motor parts. Paragraph 1 of the basic communication indicates that midway through the war, the company altered its production to produce almost 100% aircraft parts.

b. Paragraph 5 of the application shows that the balance of the company's production was entirely concerned with munitions production and, in view of the intention of GHQ SCAP to issue a supplementary list including munitions plants destined for custody under the reparations program, it is felt that this company should be included.

3. Despite the decision which may be made with reference to inclusion on Operational Directive No. 5 your headquarters, it is recommended that this company be granted a permit to operate.

FOR THE COMMANDING GENERAL:

H B Saylor

H. B. TAYLOR
Major, AGD,
Asst. Adj.Gen.

1 Incl:
Application

176758 L2863

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

FILE

HEADQUARTERS
31ST MILITARY GOVERNMENT
HQ & HQ COMPANY
APO 660 (KOBE, HONSHU)

MLO/di

3 May 1946

SUBJECT: Application for Reconversion
Nippon Nainenki Kabushiki Kaisha

TO : Whom It May Concern

1. The Nippon Nainenki Kabushiki Kaisha has made application through this office for reconversion to peace time production. The application was forwarded to higher headquarters with a recommendation for approval.

PETER W. SCOTT
Lt Col, Infantry
Commanding

7

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

FILE

BASIC: Ltr, Hq I Corps, AG 004 - BA dated 20 Apr 46, Subj: "Request for Additional Information Regarding Nihon Nainenki K. K."

1st Ind

Hq, 94th Hq & Hq Det Mil Govt Gp, APO 660 (Osaka, Japan) 24 Apr 46

TO: CO, 31st Mil Govt Hq & Hq Co, APO 660 (Kobe)

It is requested that investigation be made immediately and a thorough report made in reference to the information desired in basic communication.

By Order of Lieutenant Colonel ATWOOD:

BEN LOCKE
Maj, AC
Resources & Ind. Officer

2nd Ind

Hq 31st Mil Gov't Hq & Hq Co, APO 660 (Kobe, Honshu) 1 May 46

TO: CO, 94th Hq & Hq Det Mil Gov't Group, APO 660 (Osaka)

1. Subject company was found to be in operation when inspected to determine compliance with O.D. No.1. The company never received orders to cease operation and were of the impression that they could operate in strictly civilian pursuits pending submission of and action on an application to reconvert.

2. The subject company submitted an application to reconvert to this office on 18 February 1946. The application serial number 14-46 was forwarded to your office on 21 March 1946. Application was later returned by hand courier andre-submitted to your office with the recommendation for approval of this headquarters on 2 April 1946. To date no action has been indicated to this office.

PETER W. SCOTT
Lt Col, Infantry
Commanding

5

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

COPY

HEADQUARTERS I CORPS
APO 301 (Kyoto, Honshu)

GLS/tf

20 April 1946

AG 004 - BA

SUBJECT: Request for Additional Information Regarding Nihon Nainenki K.K.

TO : Commanding Officer
94th Military Government Group
APO 660

1. Reference is made to your letter from 31st Military Government Company, dated 26 March 1946, subject: "Reports as Required by Operational Instructions No. 1", and 1st indorsement thereto from your headquarters, dated 29 March 1946.

2. Reports submitted by reference 1 above, regarding subject company, indicates that the establishment is currently in operation. Records at this headquarters do not indicate that this establishment is in possession of a reconversion permit.

3. It is desired that the 31st Military Government Company reply, through channels to this headquarters, at the earliest possible date, submitting a report which will cover the following points:

a. Reasons for this plant being in operation without a reconversion permit.

b. Definite recommendation for or against continued operation.

c. If recommendation required by b, above is favorable, it will be accompanied by standard application for reconversion filed by the company as required by Operational Instructions No. 1, this headquarters, paragraph 5 b, (4).

BY COMMAND OF MAJOR GENERAL WOODRUFF:

H. B. TAYLOR
Major, AGD,
Asst. Adj. Gen.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

C O P Y

HEADQUARTERS I CORPS
APO 301 (Kyoto, Honshu)

GLS/tf

20 April 1946

AG 004 - BA

SUBJECT: Request for Additional Information Regarding Nihon Nainenki K.K.

TO : Commanding Officer
94th Military Government Group
APO 660

1. Reference is made to your letter from 31st Military Government Company, dated 26 March 1946, subject: "Reports as Required by Operational Instructions No. 1", and 1st indorsement thereto from your headquarters, dated 29 March 1946.

2. Reports submitted by reference 1 above, regarding subject company, indicates that the establishment is currently in operation. Records at this headquarters do not indicate that this establishment is in possession of a reconversion permit.

3. It is desired that the 31st Military Government Company reply, through channels to this headquarters, at the earliest possible date, submitting a report which will cover the following points:

a. Reasons for this plant being in operation without a reconversion permit.

b. Definite recommendation for or against continued operation.

c. If recommendation required by b, above is favorable, it will be accompanied by standard application for reconversion filed by the company as required by Operational Instructions No. 1, this headquarters, paragraph 5 b, (4).

BY COMMAND OF MAJOR GENERAL WOODRUFF:

H. B. TAYLOR
Major, AGD,
Asst. Adj. Gen.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

14-46

NIPPON NAINENKI k.k.
AMAGASAKI SEIZOSHO
in Souke-2, Shioe
Amagasaki City
Hyogo Prefecture

Feb. 18, 1946.
Amagasaki

To: COMMANDING OFFICER
31st Military Government
APO 660 (Kobe)

Re Application for Permission for
Conversion to Peacetime Production
sent on Feb. 6, 1946. to Col. Scott,
U.S. Military Governor in Kobe.

Pointed out as being insufficiont in some items, the above has been carefully made up again including the Supplementary Report together with the Certificate issued by The Japan Textile Association in Osaka and is hereby presented to you for your consideration.

As both Information and Certificate show you, our machinery and equipment converted in the factory are, we are convined, "immediately and absolutely" essentiall to the restoration of the Cotton spinning industry, fundamentally to say, to the civil economy in Japan. And this very fact is the reason we have made the decision to re-convert our works to the former position.

We solemnly declare every detail in the attached papers be true and correct and ask you for your kind consideration so that wee may reopen our peacetime works as soon as possible.

Respectfully Yours,

Yasuo Haeno.

Nippon Nainenki K.K.
Amagasaki Factory.
President

encl. 1

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

Serial No of report 1.

Application for the Permission of
Conversion to the consumers commodities.

To:

Thru:

Name and address of Reporting Unit
Nippon Nainenki Kabushiki Kaisha,
Amagasaki Seizosho.

Souke-2 Shioe Amagasaki City, Hyogo Prefecture.

Date Amagasaki Feb 6th, 1946.

1. Name and Facility. Nippon Nainenki K.K. Amagasaki Seizosho.
2. Location Souke-2 Shioe Amagasaki City, Hyogo Prefecture.
3. Name of President or Manager. Kenji Hijiya.
4. History
   a, Date of Construction. May 1st 1918.
   b. Date of first operation Dec, 1918.
   c. 1935-1941 Production(annual value in Yen, quantities of principal products by unit or weight)

In the year	Description	No.of products	Value in Yen
1935.	Spinning Spindle	840,214.	1,428,363.
	" Ring	1,101,648.	418,625.
	" Fluted Roller	3,488.	209,280.
1936.	" Spindle	1,242,556.	2,112,345.
	" Ring	1,540,575.	585,418.
	" Fluted Roller	6,959.	417,540.
1937.	" Spindle	1,177,188.	2,001,219.
	" Ring	1,617,765.	647,106.
	" Fluted Roller	6,786.	407,160.
1938.	" Spindle	803,176.	1,365,399.
	" Ring	1,171,081.	468,428.
	" Fluted Roller	5,196.	311,760.
	Bombfuse	9,378.	225,909.
1939.	Spinning Spindle	412,207.	700,751.
	" Ring	756,729.	302,691.
	" Fluted Roller	2,327.	139,620.
	Bombfuse	31,876.	832,087.

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Serial No. of Report 2.

In the year	Description	No. of products	Value in Yen
1940	Spinning Spindle	180,506.	306,860.
	" Ring	552,059.	220,823.
	" Fluted Roller	1,251.	75,060.
	Bombfuse	22,750.	416,442.
1941.	Spinning Spindle	510,765.	868,300.
	" Ring	384,965.	153,986.
	" Fluted Roller	984.	59,040.
	Bombfuse	43,790	1,292,103.

d. Present Capitalization in Yen

Yen 25,000,000.

e. Change made in capital structure since 1935.

In 1935. This factory was called Nippon Spindle Seizosho in the year of 1935.

Capital Yen 1,000,000.

Main Share holders	Amount of Share
Gompei Kuwada	4,500.
Kansai Trust Co.	2,400.
Katsu Kuwada	2,000.

In 1936. Capital increased to Yen ~~25,000,000~~ 2,500,000.

Main Share holders	Amount of Share
Gompei Kuwada	9,300.
Kansai Trust Co.	4,800.
Katsu Kuwada	4,000.

In 1941. Nippon Spindle Seizosho was amalgamated by the Nippon Nainenki Kabushiki Kaisha and named Nippon Nainenki K.K. Amagasaki Seizosho.

Capital Yen ~~25,000,000~~ 12,500,000.

Main Share holders	Amount of Shares
Jinkichi Terada	65,220.
Terada Gomei Co.	30,600.
Fujimoto Bill Brojer Co.	12,900.

In 1945. 1942. Capital increased to ¥25,000,000.

Jinkichi Terada	84,800.
Terada Gomei Co.	56,000.
Nippon Life Insurance Co.	31,000.

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f. Name and Address of Parent Company

Name. Nippon Nainenki Kabushiki Kaisha.

Address. 177, Furuichi-cho, Kamata-ku, Tokyo.

g. Number of Shares Outstanding

Yen 3,125,000.(unpaid)

h, Number of Stockholders

Mr. Jinkichi Terada	84,800¥.
Terada Gomei Co.	56,000.
Nippon Life Insurance Co.	31,000.

i, Funds received from Government

Any special funds for the enlargement of factory or machinery never given from the government.

j, On reverse side outline sketch of plant is given

5. Description.

a. Principal products.

1. Wartime

Wartime Products of all Kinds.

	Quantity (per month)	Value in Yen	Contract made by	Percentage of Amount to all production
Bombfuse (finished)	3,000 sets	150,000.	Government	45 %
Fuel Pump (finished)	500	150,000.	Government & Nakajima Airplane Co.	45 %
Control valve for fuel Pump (finished)	300	16,000.	Nakajima Airplane Co.	4.6 %
Part of Bullet for 20 mm. Machine gun (unfinished)	7,500	12,750.	Osaka Military Arsenal	3.8 %
Part of bullet for Counter Tank gun (unfinished) Manufactured Until Dec. 1944.	7,000	17,500	"	"

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

Serial No. of Report 4.

	Quantity (per month)	Value in Yen	Contract made by	Percentage of Amount to all production
Grinding Process of Spindle	500	1,900.	Shimazu Seisakusho Kyoto	0.6 %
Nitriding Heat treatment of Engine Cylinder	200	3,000.	Kawasaki Airplane Co.	0.9 %

Material used per month for each Products.

	Ordinary Steel	Special Steel	Copper Alloy	Alminium Alloy
Bombfuse	9,000 kg.		1,000. kg.	
Fuel Pump		500 kg.		1,750 kg.
Control Valve		18 "		90 "
Part of Bullet for Machine gun	2,850 kg.			
Part of Bullet for Counter Tank gun	1,500 kg.			
Grinding of Spindle	none			
Heat treatment	none			

2. At present

Spinning Spindle, Ring and Fluted Roller.
(chiefly repair of those)

3. Planned for 1946 - 1947.

Same as above production at present.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

b. Capacity

1. Wartime (per month)

Bombfuse	3,000.	pcs	Yen	150,000.
Fuel Pump	500.	"		150,000.

2. At present (per month)

(chiefly repair)

Spinning Spindle	5,000.	sets	60,000.
" Ring	5,000.	pcs	40,000.
" Fluted Roller	50.	lines	25,000.

Lack of workers restricts the capacity of present production.

3. 1946 - 1947 (with unrestricted access to material)

per month

Spinning Spindles	30,000.	sets Yen	900,000.
" Rings	40,000.	pcs	280,000.
" Fluted Rollers	120.	lines	84,000.

c. Number of Employees

1. Wartime 1300. (students are contained)
2. At present 100.
3. 1946 - 1947 (at maximum capacity) 450.

6. Machinery and Equipment in Plant

How many and what machine reconverted to the Peacetime maximum production.
(Within our possession)

Description	Quantity at Present in Plant	Reconverted to the Peacetime Production
Horizontal lathes without lead screw	112.	106.
Horizontal lathes with lead screw up to 1000 m.m. center distance	169.	104.
" " " above 1000m.m. center distance	5.	3.
Turret lathes with vertical turret axis	81.	57.
Vertical drilling machines	9.	4.
Threading machines	13.	3.
Planning machines	2.	
Shaping machines	3	
Horizontal cylindrical grinding machines	93.	92.

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

Description	Quantity at Present in Plant	Reconverted to the Peacetime Production
Horizontal spindle surface grinding machines	3.	1.
Centerless grinding machines	3.	1.
Tool grinding machines	1.	1.
Vertical spindle milling machines	4.	2.
Universal milling machines with hor spindle up to 80 m.m.	23.	14.
Broaching machines	1.	
Punching machines	2.	2.
Horizontal forging machines	2.	2.
Hammer operated pneumatically	1.	1.
Hack saw	5.	5.
Other machines	25.	25.
Electric heat treatment furnace	8.	8.
Gas heat treatment furnace	7.	7.
Oil " " furnace	1.	1.
Pres for scrap chip	1.	1.

7. Present stock of Raw materials, supplies and unfinished Goods.

Description	Quantities	Condition
For general use		
Cast Iron	40 Tons	Specially made for Spinning spindle
Spindle steel	67 Tons	" " dia 10 m.m. - 15 m.m.
Ordinary steel (Low Carbon)	31 Tons	dia about 25 - 50 m.m.
Tin plate	2 Tons	0.4 m.m. thickness
For munitions (usable for civilian goods)		
Alminium Cast	8 Tons	Casted for Fuel Pump
Special steel	19 Tons	Round Bar
Ordinary steel	103 Tons	Round and plate
Copper pipe	5 Tons	20 m.m. dia
Copper alloys rolled	45 Tons	Round bar

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

Description	Quantities	Condition
Cement	8 Tons	
Timbers	80 Cubic meters	
Machine oil	50 Gallons	
Cutting water	1,500 Gallons	
Waste	450 kg.	
Emery wheel	3,000 pcs several sizes	
Emery cloth	1,900 Dozens	

Unfinished Goods.

At present we are chiefly reparring the damaged spindles and rings, and then, as for materials, we have no unfinished goods.

8. Present stocks of Finished Goods

On account of the reason mentioned above, as for materials, we have no stocks of finished goods.

9. Present stocks of Fuel.

Coke 20 Tons
(Unsuitable for casting)

10. Machinery and Equipment needed for maximum production 1946 - 1947.

Description	Quantity
Horizontal lathes without lead screw	106.
" " with lead screw up to 1000 m.m. center distance	104.
" " " above 1000 m.m. center distance	3.
Turret lathes with vertical turret axis	57.
Vertical drilling machines	4.
Shaping machines	3.
Horizontal cylindrical grinding machines	92.
" Spindle surface grinding machines	1.
Centerless grinding machines	1.
Tool grinding machines	1.
Vertical spindle milling machines	2.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

Description	Quantity
Universal milling machines with hor spindle up to 80 m.m.	14.
Punching machines	2.
Horizontal forging machines	2.
Hammer operated pneumatically	1.
Hack saw	5.
Other machines	16.
Total sum	414.
Electric transformer	3.
Electric Motors	20.

11. Raw Material & Supplies needed (Monthly)

a. For present capacity (5b 2 above)

Description	Quantity
Cast Iron	3.6 Tons
Ordinary steel	2.5 Tons
Spindle steel	0.45 "
Cement	1 "
Timber	2 cubic meter
Machine oil	10 Gallons
Cutting water	50 gallons
Waste	10 kg.
Emery wheel	1 dozen
Emery cloth	60 dozens

b. For Maximum capacity (5b 3 above)

Description	Quantity
Cast Iron	36 Tons
Ordinary steel	28 Tons
Spindle Steel	4.5 Tons
Cement	2 "
Timber	7 Cubic meter
Machine oil	150 Gallons
Cutting oil	500 "
Spindle oil	10 "
Waste	60 kg.
Emery wheel	7 Dozens
Emery cloth	150 "

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

Serial No. of Report 9.

12. Fuel needed (Monthly)

Coal	10 Tons
Coke	60 Tons

13. Additional personal needed (Monthly)

The operation of our industry needs no special skills except those working at present, about 350 persons of boys and girls are needed additionary.

14. Prices

On account of the present selling prices are not exactly determined, we are estimating the prices as below.

Description	Unit	Price
Spinning spindle (New)	Set	Yen 30.
" " (Repair)	"	12.
" Ring (New)	Piece	7.
" Fluted Roller (New)	Line	700.
" " " (Repair)	"	300.

15. Remarks

Factor hampering production

a. Lack of fuel. especially coke which is indispensable for casting.

b. Difficulty of employment of workmen.

Recommendations we consider neccessary.

This factory is, we beleave, one of the leading makers who had devoted himself to the production of all kinds of spindles for spinning since the establishment in the year of 1918.

Especially in 1936 we supplied over 12,000 sets of spindles per month by the demand of the customers.
In textile world in Japan, there is none who has no knowledge of our late name Nippon Spindle Seizosho.

We herewith applicate for the promission that the characteristic technique handed down for more twenty years long may engaged again innthe industtory of peace.
Acopy of the Authorizing Certifucate of the Japan Textile Association attached.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

Serial No. of Report 10.

16. Certification by Apllicant.

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

Isaac Harris

Title Shop Master

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:

Item to be manufactured Monthly Quantity

Signature of Authorizing Officer

Designation of Authorizing Unit

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

CERTIFICATE

THE NIPPON NAINENKI KABUSHIKI KAISHA
AMAGASAKI FACTORY

IN No.2 SOUKE, SHIOE, AMAGASAKI,
HYOGO PREFECTURE

Jan. 30, 1946.
Osaka

The above company was one of the leading makers who had devoted himself to the production of all kinds of spindles for spinning (Such as spindle, ring and Fluted-roller) and had been supplying annually the greater part of the home demand for them since the establishment of the company in 1918 under the name of The Nippon Spindle Seizosho, Ltd. and then was combined by chance, in April of 1941, with the above company then being on the same line of the capital.

Without the machineries and equipments now kept in his factory specially set up for making spindles for spinning, without the characteristic technique handed down in there for more than twenty years long after opening the works, it should awfully be difficult to rebuild completely and quickly our cotton spinning industry that is authorized the priority in reconstruction of the Japanese industry at present.

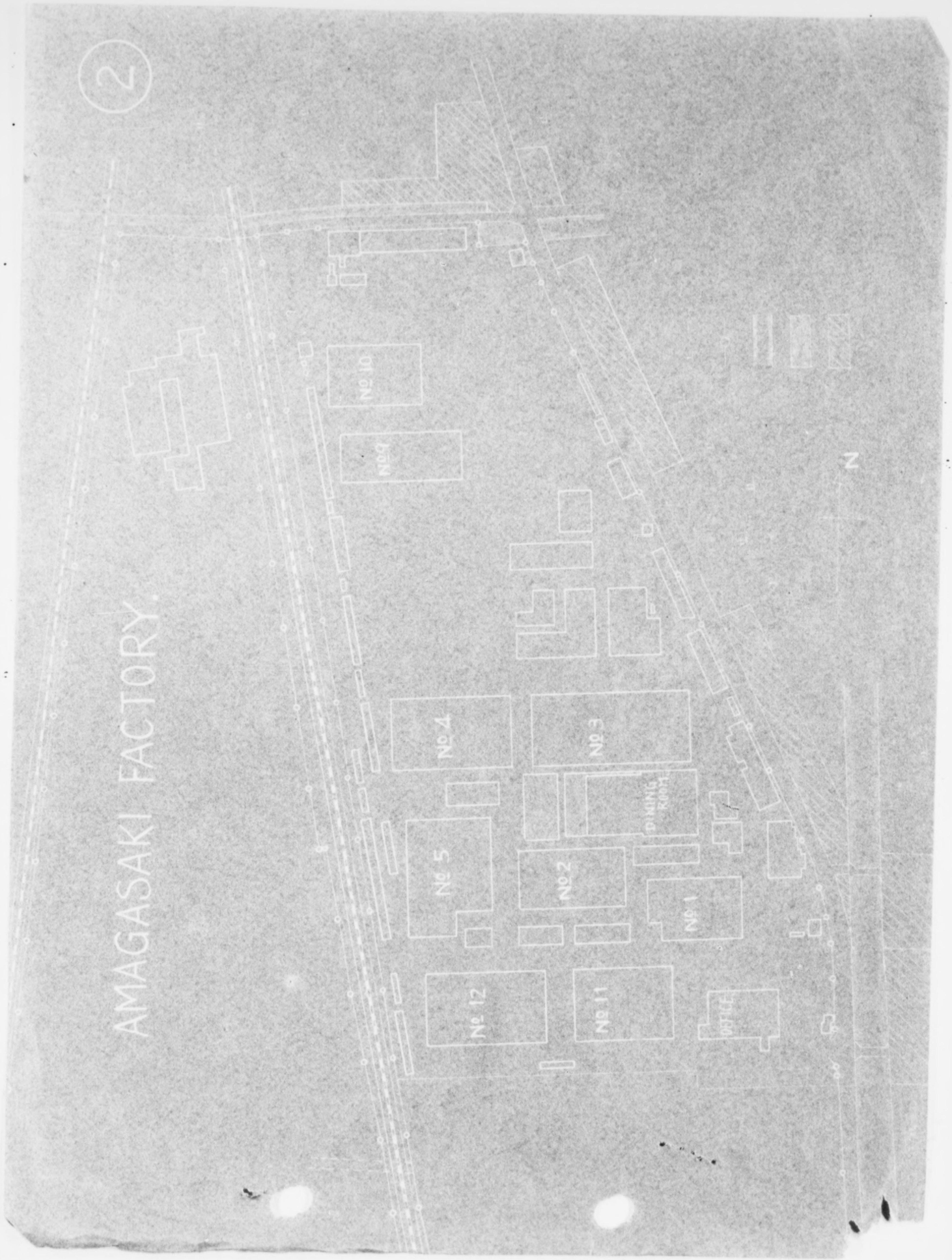
We hereby certify that the greater parts of machineries and equipments necessary for the manufacture of the spinning spindles in the above company must directly and absolutely be indispensable to the present and future cotton spinning industry in Japan.

The Japan Textile Association

KEIZOH SEKI

SIGNATURE

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



DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

NIPPON NAINENKI K.K., AMAGASAKI		13 - 36
Hyogo Ken		1918
		987
		1211
		Yes
		Not applicable
Spinning spindle, ring and fluted rollers.		100%
Fuel pumps for aircraft engines		100%
Spinning spindle, ring and fluted rollers.		100%
		1938
		Yes
1,136		900
908		800
908		250
		0

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

Plant is one of the leading producers of spindles, ring and fluted rollers for spinning machines. In 1938, plant had to cease production of spinning machinery parts and devote its activities to the production of fuel pumps for aircraft engines. Machines which were unsuitable for this type of production was placed in storage. Three-hundred and sixty-four (364) machine tools and equipment were used for production of fuel pumps and an additional amount of one-hundred and seventy-four (174) items were newly installed. Peacetime reconversion did not require major conversion of machinery and equipment. Plant has been deleted and is currently in operation using some 90% of machinery and equipment for the production of spindles, ring and fluted rollers.

N. A. THOMPSON, CAF 9
Economic Section

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

#15

FILE

HMD.
RTF
AF

HYOGO MILITARY GOVERNMENT TEAM
COMMERCE & INDUSTRY SECTION
APO 317 (KOBE, HONSHU)

THD/di

P-15

30 September 1946

SUBJECT: Advice of Removal from Reparations List

TO : Nihon Nainenki Kabushiki Kaisha
Amagasaki Seizosho
2 Souke, Shioe, Amagasaki-shi
Hyogo Ken

1. By authority of Memorandum AG 004 ESS/IN (SCAPIN 1211) dated 17 September 1946 you are advised that your company's name has been removed from the reparations list.

2. Your company is now free to conduct normal business activities, but are subject to restrictions imposed by the Imperial Japanese Government and any future directives which may be issued by SCAP.

PETER W. SCOTT
Lt Col Inf
Commanding

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

FILE

HYOGO MILITARY GOVERNMENT TEAM
APO 317 (KOBE, HONSHU)

ABH/dl

P-15

18 September 1946

SUBJECT: Request for Removal from Reparations List of Amagasaki Plant of Nippon Nainenki Kabushiki Kaisha.

TO : Commanding General
I Corps
APO 301 (Kyoto)

1. Reference is made to letter this headquarters, dated 12 September 1946, Subj: "Application for Removal from O.D. No. 5 - Nippon Nainenki K.K., Amagasaki and Kanegafuchi Kikai, Itami, Hyogo-ken," addressed to your headquarters.

2. Enclosures to above reference included subject application and a letter of recommendation from the Commerce and Industry Ministry.

3. Additional copies of the application are submitted herewith together with a strong letter of recommendation from the Central Liaison Office on behalf of the Imperial Japanese Government.

4. It is requested that this letter of recommendation be considered prior to taking action on reference cited in paragraph 1 above.

PETER W. SCOTT
Lt Col Inf
Commanding

2 Incls:
1. Application of Nippon Nainenki K.K (5 copies)
2. Letter of Recommendation from CLO. (5 copies)

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

F I L E

HYOGO MILITARY GOVERNMENT TEAM
APO 317 (KOBE, HONSHU)

ABH/di

12 September 1946

SUBJECT: Application for Removal from Operational Directive No. 5 - Nippon Nainenki Kabushiki Kaisha, Amagasaki and Kanegafuchi Kikai, Itami, Hyogo-ken.

TO : Commanding General
I Corps
APO 301 (Kyoto)

1. Enclosed herewith are application from subject companies together with relevant appended data and a strong recommendation from the Kinki Regional Office of the Ministry of Commerce and Industry.

2. Regarding the Nippon Nainenki K.K., this headquarters wishes to point out that the first application for removal was submitted to this office on 5 April 1946 and disapproved on the grounds that the major production of the company during the war was aircraft parts and munitions. It is believed that at that time not all the facts were known and this headquarters now concurs with the Commerce & Industry Ministry in recommending that spinning machine production equipment located in this plant be exempted from reparations. The application and recommendation enclosed are self-explanatory.

3. Reference is made to letter this headquarters, dated 4 September 1946, subj: "Application of Kanegafuchi Kikai Kogyo K.K., Itami Kojo, for removal from list of plants included under Operational Directive No. 5" and inclosures thereto. Reference letter recommends that subject plant be removed from O.D. 5. Enclosed thereto is a strong recommendation from the Central Liaison Office, Tokyo. In view of the fact that both the Central Liaison Office and Commerce and Industry Ministry is recommending this plant over others of the same type, it is recommended that careful consideration be given the application and that the plant be removed from

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

TO: CO, I Corps, APO 301 (Kyoto) Subj: "Application for Removal from Operational Directive No. 5 - Nippon Nainenki K.K., Amagasaki and Kanegafuchi Kikai, Itami, Hyogo-ken."

Operational Directive No. 5.

PETER W. SCOTT
Lt Col Inf
Commanding

Incls: 4

1. Letter of Recommendation from Kinko Regional Bureau of Commerce & Industry, Osaka. (4 copies)
2. Application of Nihon Nainenki K.K. (4 copies)
3. Application of Kanegafuchi Machine Industrial Co., Ltd. (4 copies)
4. Appendent Data (4 copies)

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

TO : HEADQUARTERS, HYOGO MILITARY GOVERNMENT TEAM.

FROM : Central Liaison Office, Tokyo.

SUBJECT: Request for Removal from Reparations List of Amagasaki Plant of Japan Internal Combustion Engine Co., Ltd.

C.L.O. No. 307(ECI-F) 12 September 1946

1. The Central Liaison Office hereby submits an application for removal from the Reparations List of the subject plant as per the details stated in the attached sheets.

2. The said plant has been a maker of spinning spindle for over twenty years, as described in the item (J) of the attached sheets, having 30% of the total capacity in this country. The reconstruction of the spinning industry is one of the most important problems of this country at present, and it is, therefore, necessary to secure the production of spindles which is kernel of the spinning machinery. Though the said plant was converted temporarily to produce ignition for bomb during the war, it has been reconverted for the former production.

3. The Japanese Government, after close examination, decided to apply for permission for the retention of the said plant for the above mentioned reason. It is requested that favorable consideration be given to this application by your Headquarters.

FOR THE PRESIDENT:

(K. Asakai)
Director of General Affairs,
Central Liaison Office.

Enclosure: Six copies of an application as indicated above.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

5 September 1946

To: Hyogo Military Government Team.

Subject: Application for the removal of factories from the restricted list for reparation program issued by Headquarters Eighth Army, as an Operational Directive No.5.

From: The Chief, Kinki Regional Bureau of Commerce and Industry.
Mitsukoshi Bldg. Osaka.
Ref No. K.C.I.-14

This office is again submitting to you these two petitions for removal from OD-5 list prepared by under mentioned companies by our instruction because we found them to be indispensable for the rehabilitation of our civil economy.

It is to be regretted that we have to submit similar petitions for such removal as that of first OD-5 list dated on 18th of January, however, the revised list includes most important factories for our civil economy.Furthermore, the case like Nippon Nainenki K.K. is most misleading and even our office did not realize that the factory was of any importance for our future economy on account of her changing the name during the war period.

Firstly we would like to explain the situation of Nippon Nainenki. This factory's former name was Nippon Spindle Manufacturing Company and as we did not realize this fact we took no action for her to be removed from OD-5. Upon further investigation,however, we have realized that the company use to manufacture 40% of spindles, rings and fluted rollers of total output in this country and further still we have found that our cotton spinning companies and manufacturers of cotton spinning machinery both give very favourable account of this factory's products and consider that this factory is indispensable for our future light industry. Such being the circumstances, although this factory was left out of our previous application for the removal from OD-5, we sincerely hope it is not too late for this factory to be removed from the reparation object.

The factory is not applying for all of her machinery to be exempted from the reparation object,but she is only applying for those machinery with which she used to produce these spindles, rings and rollers. Her machines are mostly special designed for manufacturing these spindles and can not be used for any other purpose. Consequently,even during the war period, these machines have been stored up in her warehouse and were not use at all.

In the attached petition of the company,machines she is applying to be exempted from reparation object are marked with red mark and the number corresponds to that of her inventory, so that if your higher echelon considers this application favourably, she can easily refer those machines to be omitted from reparation by indicating the code number of the inventory sheets and the particulars of individual machines could easily be traced in your inventory sheets.

To summarize the points of this application we would like to stress firstly that those machines applyed for the exemption are mostly

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

not used during the war period and furthermore they are all special designed machines and can not be used in any other production but spindles and etc. Secondly, her products are most essential for rehabilitating our light industry which in turn is most prospective industry of this country.

Secondly we are submitting the petition of Kanegafuchi Kikai K.K. Itami Kojo.

Her products are same as that of Nippon Nainenki K.K. and used to occupy 40% of total output of this country, therefore within your area of jurisdiction 80% or even more of these spindles used to be produced. The products during the war period were valve guide, pushing ball and rocker arm shaft as you can see in her petition, consequently she could adopt the same production method as that of her original products. Conversely, therefore, the company has lost no time in reconverting her factory to the original pre-war products since the termination of the hostility, and is operating in full swing at present. Such articles as these spindles, rings and rollers are wear and tear articles and must be replaced periodically. Moreover, many spinning factories are lacking in these parts and as you are well aware of, these articles occupies most vital parts of spinning machinery. This company is of very old standing and her equipment is almost all very old age as you can see in her inventory and is not much of value for reparation purpose and yet is most important for the restoration of this country's economy.

We have conferred with our Commerce and Industry Ministry in Tokyo and our Central Liaison Office is applying for your recommendation for the removal of these plants together with Kawasaki Kokuki K.K. of Nojo Kojo. In previous application to your office, reference number being CIK-5, we have explained thoroughly what our office's duty and responsibility are for the restoration of this country's economy. So we are quite confident that you will appreciate our position, as without your kind consideration we can not hope to accomplish our responsibility of restoration and stabilization of this country's civil economy, and we are certain that you have realized their essentiality for our civilian living.

We shall be most grateful if you could recommend for these factories to be removed from OD-5 list and your investigation for what we have submitted here is greatly anticipated.

Hoping for your earliest recommendation for this removal.

For H. Kamegai

B. Akama
The Chief, Kinki Regional Bureau
of Commerce and Industry.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

Application for the removal of factories from the restricted list for reparation program

THE NIHON NAINENKI KABUSHIKI KAISHA
AMAGASAKI SEIZOSHO

Code Number 13 -- 36 -- (1)
908
Prefecture Plant Machine

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

THE NIHON NAINENKI K.K.
AMAGASAKI SEIZOSHO
Shioe Amagasaki Hyogo Prefect.

July 28th, 1946.

To: Hyogo Military Government Team
ATTN Engineering & Reconstruction Section.

Subject: Application for the removal of factories from the restricted list for reparation program, issued under dated of 18, Jan. 1946, G.D.-5 Head Quarter Eighth Army.

From: The Nihon Nainenki Kabushiki Kaisha Amagasaki Seizosho
(Previous name HIPPON SPINDLE SEIZOSHO)

In order to restore and stabilize our Japanese civil economy and as the return goods for the importation of our necessary staple food, the spinning and textile industries are two most important industries in this country. This situation, moreover, has obviously been approved by your G.H.Q., because of present permission for importation of raw cotton which are to be spun in this country. The spinning machinery, therefore, must be repaired or refurnished as soon as possible, and our products, such as spinning spindle, ring, and fluted roller, as you are well aware, are the most important parts of these spinning machinery.

The spinning spindle and others of above mentioned products, although seem quite easy to manufacture, yet if they were manufactured by any inexperienced makers they invariably display improper spinning function. In order to fulfil their function properly the combination of high engineering skill and tecnique together with long year's experiences for such production are essential.

Before the war has started, both our factory and the Kanegafuchi Kogyo K.K. were called the two greatest spindle manufactuerers in this country and our output used to occupy more than 40% of the total production in this country. Furthermore, we have been rendering many valuable services for maintenance of various spinning mills.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

In this way our once so renowned cotton textile industry is entirely depending upon our products, in fact it is not too much to say that we are holding the very kye to the restoration of our cotton industry which means the rehabilitation of this country's civil economy.

During the war period, we were prohibited to manufacture our original products and naturally we were compelled to manufacture war products, however, our machinery were practically all special purposed machines for production of spinning spindle and etc. and were no avail for any other purpose. therefore we were forced to purchase various new machine tools. Such been the case, we had to store up these special machinery excepting for these machines which were possible for remodelling and be converted for the rough turning of munition. To summerise the above, we can classify our machines as follows:

(1) Special machines which have been stored up during the war.

(2) Special machines which have been remodelled or converted for the war products.

(3) New machines purchased for production of munition.

From the above classified category, to keep our production capacity same as pre-war which is the minimum capacity essential for the speedy reconstruction of the Japanese spinning and textile industries, it is imperative that we should be able to keep former class 1 and 2, although accutually we really need many new machines, that is to say some machines out of class 3. However we are refraining from asking such to be omitted from reparation because of our effort during war period.

Soon after our surrender, the Dainihon Boseki K.K. placed us with big order for refurnishing her spinning machines, and ever since then, many orders are piling up every day from various spinning and textile companies as well as those textile machine manufactuerers. For the detail of our orders please refer to annexed pages.

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We have been told by our government officials that if you realize the circumstances and if you will recommend to your higher echelon as regard to the effect that our factory is essential for the rehabilitation of our country's economy, there is a chance that at least those machines essential for the present production may be reconsidered from becoming reparation subject.

If such being the circumstances, we are sure that from the explanation we have stated above and data we have given per attached sheet will clarify our position during the war and the situation previous to hostility and we sincerely hope that you will give proper account on our behalf so that we might be favoured with exemption from O.D.-5 list.

Anticipating for your kind consideration.

Kenji Hijiya

K. Hijiya
Manager
Nihon Nainenki K.K.
Amagasaki Seizosho

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1. Factory's History
and Capital construction.

Suplimentary Sheet 1.

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1. Name and Facility — NIHON NAINENKI K.K.
AMAGASAKI SEIZOSHO
(Previous name NIPPON SPINDLE SEIZOSHO)

2. Location: Souke-2 Shioe Amagasaki City, Hyogo Prefect.

3. Location (Main Office) : Samukawa, Kozagun, Kanagawa Prefecture.

4. Name of President:
Shigeru Horiba.

Name of Shop Master
Kenji Hijiya.

5. History:

(a) Date of Construction: May 1st, 1918.

(b) Date of first operation: Dec. 1918.

(c) Change made in Capital construction since 1935.

In 1935. Called NIPPON SPINDLE SEIZOSHO
Capital Yen 1,000,000.

Main Share Holders	Amount of share
Gompei Kuwada	4,500.
Kan sai Trust Co.	2,400.
Katsu Kuwada	2,000.

In 1936. Capital increased to Yen 2,500,000.

Main Share Holders	Amount of share
Gompei Kuwada	9,300.
Kansai Trust Co.	4,800.
Katsu Kuwada	4,000.

In 1941. Was amalgamated by The NIHON NAINENKI K.K. and named THE NIHON NAINENKI K.K. AMAGASAKI SEIZOSHO, because of the president of both companies at that time was the same.

Main Share Holders	Amount of share
Jinkichi Terada	65,220.
Terada Gomei Co.	30,600.
Fujimoto Bill Broker C.	12,900.

In 1942. Capital increased to Yen 25,000,000.

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In 1945.

Main Share Holders	Amount of share
Jinkichi Terada	84,800
Terada Gomei Co.	56,000
Nippon Life Insur. Co.	31,000

(d) Number of Shares Outstanding

3,125,000. (unpaid)

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Index of the annexed sheets

(1) Copy of the letter recommendation reference to Reconversion Permit.

(2) Production Scheme.

(3) Order List.

(4) Percentage of production outputs and used for.

(5) Name and Number list of the machines

A. Stored up during the war

B. Converted to munition

C. New purchased during the war

D. Opperating during the war

E. At present

F. Indispensable for production scheme

G. Bringing in after surrender

(6) Detail of the machines introduced from the inventory sheets

(7) Other information

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

Copy

(1) HEADQUARTERS
31st MILITARY GOVERNMENT
HQ & HQ COMPANY
APO 660 (KOBE, HONSHU)

MLO/di

3 May 1946.

SUBJECT : Application for Reconversion
Nippon Nainenki Kabushiki Kaisha

To : Whom It May Concern

1. The Nippon Nainenki Kabushiki Kaisha has made application through this office for reconversion to peace time production. The application was forwarded to higher headquarters with a recommendation for approval.

PETER W. SCOTT
Lt Col, Infantry
Commanding

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

(2) PRODUCTION SCHEME

Name of products	present outputs (per month)	End of Dec. 1946 (per month)	1947 (per month)
Spinning Spindle	3,000 sets	20,000	30,000
	6,500 (repair)		
" Ring	5,000 pcs	20,000	40,000
Fluted-Roller	68 lines	120	120
	318 " (repair)		

(3) Order List

Name of clients	Spinning spindle (repair)	" (new)	Spinning ring (new)	Fluted roller (new)	" (repair)	Other parts	Toal sum (yen)
Dai Nippon Boseki	¥1.153.120 (52.836)	¥380.500 (12.930)	¥698.000 (62.200)	¥ 36.720 (54)	¥ 318.000 (801)	¥88.340	¥2.674.680
Kurashi Boseki		629.806 (14.064)	95.000 (10.000)			5.664	730.470
Diken Sangyo						153.600	153.600
Toyoda Jido Shokki		2.000.000 (50.000)	450.000 (50.000)	1.240.000 (3720)	172.320 (114)		3.862320
Howa Kogyo		320.000 (8.000)	234.800 (31.000)				554.800
Osaka Kiko		687.500 (25.000)	212.500 (25.000)				900.000
Total	¥1.153.120 (52.836)	4.017.806 (109.994)	1.690.300 (178.200)	1.276.720 (3774)	490.320 (915)	247.604	8.875.870

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(4)-/ (7) Percentage of production outputs and used for

Year	Name of products		Rate of products (%)	Outputs	Amout to sum (yen)	Total classified	Grand total
1935	Spindle			840.214	428.368		
	Ring	for civil	100%	1.101.648	418.625	2.056.268	2.056.268
	Roller			3.488	209.280		
1936	Spindle			1.242.556	2.112.345		
	Ring	"	100%	1.540.575	585.418	3.115.303	3.115.303
	Roller			6.959	417.160		
1937	Spindle			1.177.188	2.001.219		
	Ring	"	100%	1.617.765	647.106	3.055.485	3.055.485
	Roller			6.786	417.160		
1938	Spindle			803.176	1.365.399		
	Ring	"	90.5%	1.171.081	468.428	2.145.587	
	Roller			5.196	311.760		2.371.496
	Bomb fuse	for aircraft	9.5%	9.378	225.909		
1939	Spindle			412.207	700.751		
	Ring	for civil	57.5%	756.729	302.691	1.143.062	
	Roller			2.327	139.620		1.975.149
	Bomb fuse	for aircraft	42.5%	31.875	832.087		
1940	Spindle			180.506	306.860		
	Ring	for civil	59.5%	552.059	220.823	602.743	
	Roller			1.251	75.060		1.019.185
	Bomb fuse	for aircraft	40.5%	22.750	416.442	416.442	
			100%				

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Year	Name of products		Rate of products (%)	Outputs	Amount to sum (yen)	Total classified	Grand total
1941	Spindle Ring Roller	for civil	56.5%	518.760 384.965 984	868.300 153.986 59.040	1.081.686	2.373.789
	Bomb fuse	for aircraft	43.5%	43.790	1.292.103	1.292.103	
			100%				
1942	Spindle Ring Roller	for civil	19%	44.173 112.740 1.162	75.095 67.648 69.739	212.482	1.131.295
	Bomb fuse	for aircraft	81%	32.952	918.813	918.813	
			100%				
1943	Spindle Ring Roller	for civil	4%	7.080 22.641 378	12.036 13.585 22.724	48.345	1.231.382
	Bomb fuse	for aircraft	91%	42.680	1.111.937		
	Fuel pump	"	5%	237			
			100%				
1944	Spindle and etc.	for civil	0%				
	Bomb fuse	for aircraft	61%	50.318	2.319.821	2.319.821	3.765.891
	Fuel pump		39%	4.179	1.253.700	1.446.070	
	Control valve for fuel pump		~~100%~~	4.399	192.370		

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DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 775 013

Year	Name of products	(%) rate of products	Outputs	Amount to sum (yen)	Total classified	Grand total
1945	Spindle for civil and etc.	0 %				
	Bomb fuse	66%	23.913	1.258.955	1.258.955	1.893.655
	Fuel pump	36%	1.669	500.700	634.700	
	Control valve for fuel pump		2.500	134.000		

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(5) Name and Number List of The Machines

(A) Stored up during the war
(B) Converted to Munition
(C) New Purchased during the war
(D) Opperating during the war
(E) At present
(F) Indispensable for production scheme
(G) Bringing in after Surrender

Name of The Machine	(A)	(B)	Total (C)	(D)	(E)	(F)	(G)
Machine Tools							
1. Engine Lathe	157	110	267	62	172	329	157
2. Turret Lathe	41.	30	71	24	54	95	58
3. Drilling Machine	4	5	9	21	26	30	10
4. Threading Machine		9	9	3	12	12	2
5. Planing Machine	2		2			2	1
6. Shaping Machine	1		1	2	2	3	2
7. Cylindrical Grinding Machine	76	40	113	4	44	122	106	2
8. Surface Grinding Machine		2	2	1	3	3	1
9. Centerless Grinding Machine		3	3		3	3	1
10. Tool Grinding Machine	4	2	6	1	3	7	7
11. Vertical Spindle Milling Machine				4	4	4	1
12. Universal Milling Machine	7	10	17	13	23	30	16
13. Broaching Machine	1		1			1	
14. Hack Sawing Machine	4		4	3	3	9	4
15. Polishing Machine	69	14	83		14	83	46
16. Fluting Machine for Roller	16		16			16	16
17. Special Milling Machine	2		2			2	2
18. Square Moling Machine	4		4			4	4
18-2. Bit Grinding Machine	7	2	9	5	7	14	10
18-3. Buffing Machine	4		4			4	4
Total	401	887	628	145	372	773	442	8

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

(5) Name and Number List of The Machines

(A) Stored up during the war
(B) Converted to Munition
(C) New Purchased during the war
(D) Opperating during the war
(E) Atpresent
(F) Indispensable for production scheme
(G) Bringing in after Surrender

Name of the Machine	(A)	(B)	Total	(C)	(D)	(E)	(F)	(G)
19. Punching Machine	3		3			3	3	
20. Manual Press	4		4			4	4	
21. Straightening Machine	2		2			2	2	
22. Riveting Machine	7		7			7	7	
23. Forging Machine	4	1	5		1	5	6	
24. Press for Scrap-chip		1	1		1	1	1	
25. Testing Machine	5	3	8	6	9	14	11	1
26. Air Compressor		1	1	15	16	16	6	
27. Gas Heat-treatment Furnace	11		11			11	6	
28. Electric Heat-treatment Furnace	1	5	6	3	7	9	7	
29. Rotary Heat-treatment Furnace	7	1	8		1	8	8	
30. Salt Bath Furnace	1	1	2		1	2	2	
31. Oil Heat-treatment Furnace	7		7			7	2	
31-2. Other Machine	2	1	3		1	3	3	
Total	64	14	68	24	38	92	67	1
Electric Equipment								
32. Electric Motor	15	23	38		33	38	32	
33. Motor Generator				1	1	1		
34. Magna-flux				1	1	1		
35. Transformer				3	3	3	3	
Total	15	23	38	5	28	43	35	
Grand Total	471	864	734	174	438	908	544	3

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1, Engine ~~of~~ Lathe

Serial No.	Maker	Year of Manufact.	Capacity Swing x Center	Condition of Machine	Power Source	Machine Indis-pensable	Location
14	Nishimori	1934 est	260 x 800	class 2	belt	○	11
15	"	"	"	"	"	○	"
16	"	"	"	"	"	○	"
~~17~~	"	"	"	"	"	○	"
18	"	"	"	"	"	○	"
19	"	"	"	"	"	○	"
20	"	"	"	"	"	○	"
21	"	"	"	"	"	○	"
22	"	"	"	"	"	○	"
23	"	1930 est	"	"	"	○	"
24	"	"	"	"	"	○	"
25	"	"	"	"	"	○	"
26	"	"	"	"	"	○	"
27	Unknown	"	"	"	"	○	"
28	"	"	"	"	"	○	"
29	"	"	"	"	"	○	"
30	"	"	"	"	"	○	"
31	"	"	"	"	"	○	"
32	"	"	"	"	"	○	"
33	"	"	200 x 800	"	"	○	"
34	"	"	260 x 800	"	"	⊗	"
37	"	1935 est	"	class 3	"	⊗	"
41	"	1930 est	400 x 750	class 2	"	○	"
42	"	"	"	"	"	○	"
43	"	"	"	"	"	○	"

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1. Engine ~~&~~ Lathe

Serial No.	Maker	Year of Manufact.	Capacity Swing x Center	Condition of Machine	Power Source	Machine indis-pensable	Location
44	Unknown	1930 est	400 x 750	class 2	belt	○	11
47SP	"	1934 est	400 x 650	class 3	"	○	"
48SP	"	"	"	"	"	○	"
49	"	1930 est	460 x 950	class 2	"	○	"
50	"	"	"	"	"	○	"
51	"	"	"	"	"	○	"
56	"	1925 est	270 x 500	class 3	"		"
57	"	"	"	2	"		"
58	"	"	"	3	"		"
59	"	"	"	3	"		"
106	Akimori	1944	360 x 730	2	motor		12
162	Nissan	1942	300 x 500	2	"		2
163	"	1941	"	2	"		"
164	Riken	1941	340 x 700	2	"		"
167	Matsushita	1942	420 x 720	2	"		"
168	Kawanishi	1942	400 x 900	2	"		"
170	Nissan	1941	300 x 500	2	"		"
172	Nishimori	1930 est	470 x 450	2	belt		"
174	Nissan	1940	300 x 500	2	motor		"
175	Kawanishi	1942	400 x 900	2	"		"
176	Matsushita	1942	420 x 720	2	"	○	"
177	Kawanishi	1942	460 x 1250	2	"	○	"
178	Kano	1942	360 x 425	2	"	○	"
183	Kawanishi	1941	400 x 900	2	"		"
184	Riken	1941	340 x 700	2	"		"

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1 Engine of Lathe

Serial No.	Maker	Year of Manufact.	Capacity Swing x Center	Condition of Machine	Power Source	Machine indis-pensable	Location
186	Sanyo	1943	280 x 430	class 2	motor		2
188	Nissan	1940	300 x 500	2	"		"
193	Sanyo	1943	280 x 430	2	"		"
194	"	"	"	2	"		"
199	Kawanishi	1941	400 x 900	2	"		"
203	Riken	1941	340 x 700	2	"		"
204	"	"	"	2	"		"
205	Nissan	1940	300 x 500	2	"		"
206	Riken	1941	340 x 700	2	"		"
208	Nissan	1941	300 x 500	2	"		"
210	Masuda	1941	310 x 440	2	"		"
211	"	"	"	2	"		"
216	"	1942	"	2	"		"
243	Fujizawa	1938	420 x 500	2	belt	○	3
244SP	Showa	1934	60 m.m.	2	"	○	"
245SP	"	"	"	2	"	○	"
246SP	"	"	"	2	"	○	"
247SP	"	"	"	2	"	○	"
248SP	"	"	"	2	"	○	"
249SP	"	"	"	2	"	○	"
250SP	"	"	"	2	"	○	"
251SP	"	"	"	2	"	○	"
253	Okuma	1921 est	430 x 650	2	"		"
254	"	"	"	2	"		"
255	"	"	"	2	"		"

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1 Engine of Lathe

Serial No.	Maker	Year of Manufact.	Capacity Swing x Center	Condition of Machine	Power Source	Machine indispensable	Location
256	Okuma	1921 est	430 x 650	class 2	belt		3
257SP	Showa	1930	60 m.m.	2	"		"
258SP	"	"	"	2	"		"
259SP	"	"	"	2	"		"
262SP	"	"	"	2	"		"
263SP	"	"	"	2	"		"
264SP	"	"	"	2	"		"
265SP	"	"	"	2	"		"
266SP	Unknown	"	"	2	"		"
267SP	"	"	"	2	"		"
269SP	Showa	"	"	2	"		"
270SP	"	"	"	2	"		"
271SP	"	"	"	2	"		"
272SP	"	"	"	2	"		"
273SP	"	"	"	2	"		"
274SP	"	"	"	2	"		"
275SP	"	"	"	2	"		"
276SP	"	"	"	2	"		"
277SP	"	1934	"	2	"		3
278SP	"	"	"	2	"		"
279SP	"	"	"	2	"		"
280SP	"	1930	"	2	"		"
281SP	"	1934	"	2	"		"
282SP	Unknown	1934	"	2	"		"
283SP	Showa	"	"	2	"		"

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1 Engine of Lathe

Serial No.	Maker	Year of Manufact.	Capacity Swing x Center	Condition of Machine	Power Source	Machine indis-pensable	Location
284SP	Mori	1930	60 m.m.	class 2	belt	○	3
285SP	"	"	"	2	"	○	"
286SP	Showa	"	"	2	"	○	"
287SP	"	"	"	2	"	○	"
288SP	"	"	"	2	"	○	"
289SP	"	"	"	2	"	○	"
290SP	Nishimori	1923	"	2	"	○	"
291SP	"	"	"	2	"	○	"
292SP	Unknown	1934	30 m.m.	2	"	○	"
293SP	Nishimori	1923	60 m.m.	2	"	○	"
294SP	Unknown	1930	"	2	"	○	"
295SP	Nishimori	1923	30 m.m.	2	"	○	"
296SP	Showa	1930	60 m.m.	2	"	○	"
297SP	"	"	"	2	"	○	"
298SP	"	1929	"	2	"	○	"
299SP	"	"	"	2	"	○	"
300SP	"	1934	"	2	"	○	"
301SP	"	"	"	2	"	○	"
302SP	"	"	"	2	"	○	"
303SP	"	1930	"	2	"	○	"
304SP	"	"	"	2	"	○	"
305SP	"	"	"	2	"	○	"
310SP	Mori	1927 ost	15 m.m.	2	"	○	"
311SP	"	"	"	2	"	○	"
312SP	"	"	"	2	"	○	"

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1 Engine ~~of~~ Lathe

Serial No.	Maker	Year of Manufact.	Capacity Swing x Center	Condition of Machine	Power Source	Machine indis-pensable	Location
326	Kubota	1942	480 x 1250	class 2	motor		3
327	Teimitsu	1942	480 x 1200	2	"		"
334	Okuma	1925	260 x 650	2	belt		"
335	Hirose	1930	480 x 800	2	"		"
336	"	"	"	3	"		"
337	Okuma	"	420 x 900	2	"		"
338	Rokuroku	"	380 x 800	2	"		"
339SP	Showa	1934	60 m.m.	2	"		"
340SP	"	1930 est	35 x 800	2	"		"
341SP	Mori	1927 est	15 m.m.	2	"		"
342SP	Showa	1934	60 m.m.	2	"		"
343SP	"	1929	60 m.m.	2	"		"
344SP	"	1930	"	2	"		"
346SP	"	1934	"	2	"		"
347SP	"	"	"	2	"		"
348	Hirose	1925	260 x 650	2	"		"
349SP	Showa	1930	60 m.m.	2	"		"
350SP	"	"	"	2	"		"
351SP	"	"	"	2	"		"
352SP	"	"	"	2	"		"
354	Hirose	1935	320 x 400	2	"		"
365SP	Showa	1933	35 x 800	2	"		4
383	Teikoku	1942	480 x 1200	2	Motor		"
389	Nakajima	1942	350 x 900	2	"		"
390	"	"	"	2	"		"

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(7) Engine of Lathe

Serial No.	Maker	Year of Manufaxt.	Capacity Swing x Center	Condition of Machine	Power Source	Machine indis-pensable	Location
420	Nishimori	1927	450 x 410	class 2	belt	○	9
421	"	1927	"	2	"	○	9
422SP	"	1931	"	3	"		9
423	"	1927	"	2	"		"
424	Tamagawa	1937	360 x 750	2	"		"
425	Unknown	1927	370 x 930	2	"		"
426SP	"	Unknown	260 x 280	3	"		"
427	Hitachi	1927	330 x 420	2	"		"
428	Nishimori	1925	260 x 690	3	"		"
429	"	"	"	2	"		"
430	"	1934	"	2	"		"
431	"	"	"	2	"		"
432	Rokuroku	1925	270 x 440	3	"		"
433	Nishimori	1934 est	260 x 690	2	"		"
436	Hitachi	1935	330 x 420	2	"		"
437	Nishimori	1934	450 x 410	3	"		"
438	Hirose	1932	260 x 500	2	"		"
439	Nishimori	1929	450 m.m.	2	"	○	"
440	"	"	450 m.m.	2	"		"
441	"	"	"	3	"		"
442	"	"	"	2	"		"
443	Hitachi	1935	330 x 420	3	"		"
444	Nishimori	1929	450 m.m.	2	"		"
447	"	1934	260 x 690	3	"		"
448	"	"	"	3	"		"

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(1) Engine ~~of~~ Lathe

Serial No.	Maker	Year of Manufact.	Capacity Swing x Center	Condition of Machine	Power Source	Machine indis-pensable	Location
449	Nishimori	1934	260 x 690	class 2	belt		9
453	Okuma	1927	380 x 1000	2	"		"
454	"	"	380 x 600	2	"		"
455	Nishimori	"	450 x 410	2	"		"
456	Rokuroku	"	380 x 550	2	"		"
459	Nishimori	"	370 x 930	3	"		"
460	"	1931	450 m.m.	3	"	○	"
461	"	1927	"	2	"	○	"
462	"	1934 est	"	2	"		"
463	"	1929 est	450 x 410	2	"		"
464	Eh'ernault	1940	260 m.m.	2	"		"
465	Okuma	1930	260 m.m.	2	"		"
473	"	" est	260 x 650	3	"		"
474	Nishimori	1934	450 m.m.	2	"		"
480SP	Rokuroku	"	490 x 600	3	"		"
481	Nishimori	1927	450 m.m.	2	"		"
482	Rokuroku	1924	270 x 480	2	"		"
485	Hirose	1927	330 x 450	2	"		"
487	Rokuroku	"	250 x 470	2	"		"
488SP	"	1930 est	380 m.m.	3	"		"
489SP	Unknown	Unknown	420 x 660	2	"		"
490	Nishimori	1929	450 m.m.	2	"		"
491	"	"	"	2	"		"
493	"	"	"	2	"		"
494	Okuma	1930	420 m.m.	3	"		"

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(1) Engine & Lathe

Serial No.	Maker	Year of Manufact.	Capacity Swing x Center	Condition of Machine	Power Source	Machine indis-pensable	Location
495	Unknown	1929 est	260 x 610	Class 2	belt		9
496	Nishimori	1929	450 m.m.	2	"		"
498	Hirose	Unknown	500 x 750	2	"		"
499	Okuma	1927	420 x 600	2	"		"
500	Rokuroku	1934	380 x 650	2	"		"
501	Nishimori	"	250 x 550	2	"		"
502	Unknown	Unknown	220 x 300	2	"		"
503	"	"	"	2	"		"
504	Nishimori	1927	450 m.m.	2	"		"
505	"	1931	450 m.m.	3	"		"
506	"	1934	"	2	"	○	"
507	"	1929	400 m.m.	2	"		"
510	"	1931	450 m.m.	2	"		"
512SP	Rokuroku	1934	380 x 650	3	"		"
513	Okuma	1927	400 x 600	3	"		"
514	Nishimori	1929	450 m.m.	2	"		"
516	Okuma	1925 est	400 x 650	3	"		"
529	Iwasaki	1938 est	320 m.m.	2	"		"
539	Sanyo	1942	280 x 430	2	motor		"
541	Hirose	1925 est	500 x 750	2	belt	○	"
543	Nishimori	1934	260 x 600	2	"		"
544	"	"	"	2	"		"
547	Unknown	1930	220 x 300	2	"		"
549	Nishimori	1927	260 x 600	2	"		"
550	"	1934	450 x 410	2	"	○	5

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(1) Engine ~~&~~ Lathe

Serial No.	Maker	Year of Manufact.	Capacity Swing x Center	Condition of Machine	Power Source	Machine indis-pensable	Location
551	Nishimori	1929	450 m.m.	class 2	belt	○	5
552	"	1933	450 m.m.	2	"	○	"
553	"	1929	450 m.m.	2	"	○	"
557	"	Unknown	"	2	"	○	"
558	"	1931	"	2	"	○	"
559	"	1929	"	2	"	○	"
560	"	1934	"	2	"	○	5
562	"	1930	400 m.m.	2	"	○	"
563	"	1930	450 m.m.	2	"	○	"
564	"	1929	"	2	"	○	"
565	"	1927	"	2	"	○	"
566	"	1929	"	2	"	○	"
572	"	1931	"	2	"	○	"
577	"	1934	450 x 410	2	"	○	"
578	"	"	450 m.m.	2	"	○	"
579	"	"	"	2	"	○	"
580	"	1929	"	2	"	○	"
581	"	"	"	2	"	○	"
582	Nakajima	1941	350 x 900	2	motor	○	"
583	Nissan	1942	300 x 500	2	"	○	"
584	"	"	"	2	"	○	"
586	"	"	"	2	"	○	"
590	Riken	"	340 x 700	2	"	○	"
591	"	"	"	2	"	○	"
592	"	"	"	2	"	○	"

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(1) Engine Lathe

Serial No.	Maker	Year of Manufact.	Capacity Swing x Center	Condition of Machine	Power Source	Machine indispensable	Location
593	Riken	1942	340 x 700	class 2	motor		5
594	"	"	"	2	"	○	"
595	"	"	"	2	"	○	"
648	Nishimori	1927	450 m.m.	2	belt		6
651	Hirose	1930	260 x 500	2	"		"
652SP	Tanahashi	1930 est	48 x 1000	2	"	○	"
653SP	"	"	"	2	"	○	6
658	Tamagawa	1936	340 x 700	2	"	○	"
660	Rokuroku	1920 est	430 x 450	3	"		"
661	"	" "	"	3	"		"
662	"	"	420x500	3	"		"
664	"	Unknown	"	3	"		"
665	Unknown	"	310 x 370	3	"		"
669SP	Tanahashi	1935 est	15 m.m.	2	"		"
670SP	"	"	"	2	"		"
671	Nishimori	1934	450 x 410	2	"	○	"
672	Rokuroku	1927	450 x 550	2	"		"
673	Unknown	1925 est	260 x 600	3	"		"
674	"	1915 est	400 x 400	3	"		"
675	"	"	400 x 650	3	"		"
676	Nishimori	Unknown	450 x 410	3	"		"
677	"	1934	"	2	"	○	"
678	"	1920	450 m.m.	2	"	○	"
679	"	1935	"	2	"	○	"
682	Unknown	1915 est	230 x 650	3	"		"

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(1) Engine ~~&~~ Lathe

Serial No.	Maker	Year of Manufact.	Capacity Swing x Center	Condition of Machine	Power Source	Machine indispensable	Location
683	Rokuroku	1915 est	400 x 450	class 3	belt		6
684	Unknown	"	330 x 800	3	"		"
685	"	"	440 x 550	3	"		"
686	Rokuroku	1934	330 x 600	2	"		"
688	Unknown	1915 est	380 x 800	3	"		"
689	Masuda	1942	280 x 500	2	motor		"
7245P	Unknown	1915 est	15 m.m.	3	belt		4'
726	Nishimori	"	250 x 550	3	"		4'
727	Unknown	"	420 x 360	3	"		4'
728	"	"	"	3	"		4'
729	"	unknown	"	3	"		4'
730	Nishimori	1920	450 m.m.	3	"		4'
731	"	Unknown	"	3	"		4'
751	Riken	1941	340 x 700	2	motor		2
752	"	1940	"	1	"		2
753	"	"	"	1	"		2
754	Kawanishi	1941	400 x 900	1	"		2
755	"	"	"	1	"		2
756	Nissan	1940	300 x 500	1	"		"
757	"	"	"	1	"		2
758	Riken	"	280 x 420	1	"		2
759	"	1941	"	2	"		2
760	"	1940	"	2	"		2
761	Nissan	"	300 x 500	2	"		2
762	"	"	"	2	"		2

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(7) Engine Lathe

Serial No.	Maker	Year of Manufact.	Capacity Swing x Center	Condition of Machine	Power Source	Machine indis-pensable	Location
763	Kawanishi	1940	400 x 900	class 2	motor		2
823	Nissan	"	300 x 500	2	"		2
824	"	"	"	2	"		2
825	Nakajima	"	350 x 900	2	"		2
834	Nishimori	1920 est	450 x 410	2	belt		Yamaguchi
836	"	1915	"	2	"		"
837	"	"	"	2	"		"
839	"	"	"	2	"		"
840	"	1934	"	2	"		"
841	"	"	"	2	"		"
842	"	"	"	2	"		"
843	"	"	"	2	"		"
845	"	"	"	2	"		"
846	"	"	"	2	"		"
847	"	"	"	2	"		"
850	"	1931	"	2	"		"
856	Kanno	1940	360 x 425	1	Motor		"
859	Rokuroku	1925 est	270 x 440	2	belt		"
860	"	"	"	2	"		"
861	Nishimori	1934	260 x 800	2	"		"
862	Hirose	1932 est	260 x 620	2	"		"
863	"	"	"	2	"		"
864	"	"	340 x 450	2	"		"
865	"	"	"	2	"		"
866	"	"	"	2	"		"

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(1) Engine Lathe

Serial No.	Maker	Year of Manufact.	Capacity Swing x Center	condition of Machine	Power Source	Machine indis-pensable	Location
868	Nishimori	1931	450 x 410	class 2	belt		Yamaguchi
870	Teikoku	1942	480 x 1200	2	motor		"
871	Nakajima	"	350 x 900	1	"		"
872	"	"	"	1	"		"

Engine Lathe Total 329.

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(2) Turret Lathe

Serial No.	Maker	Year of Manufact	Capacity Bar	Codition of machine	Power Source	Machine indispensable	Location
38 Sp	Unknown	1935 est	25 mm.	Class 3	Belt		11
39 Sp	"	"	"	"	"		"
45 Sp	Nishimori	1933	40 mm.	" 2	"	○	"
46 Sp	"	"	"	" 2	"	○	"
52 Sp	Tanahashi	1935 est	25 mm.	"	"	○	"
53 Sp	"	"	"	"	"	○	"
54 Sp	"	"	"	"	"	○	"
55 Sp	"	"	"	"	"	○	"
169	Sanyo	1941	42 mm.	"	Motor		2
182	"	1943	"	"	"		"
196	Teikoku	1944	39 mm.	"	"		"
200	Chashá	1940	37 mm.	"	"		"
207	Teikoku	1944	39 mm.	"	"		"
239	Nishimori	1931 est	40 mm.	"	Belt	○	6
252 Sp	Unknown	1930 est	50 mm.	"	"	○	3
268 Sp	"	1925 "	"	"	"	○	"
325 Sp	Mori	1920 "	"	"	"	○	"
330 Sp	"	1927 "	"	"	"	○	"
331 Sp	"	1930 "	"	"	"	○	"
332 Sp	"	1934	"	"	"	○	"
333 Sp	"	1930 est	"	"	"	○	"
355 Sp	"	"	"	"	"	○	"
356 Sp	"	"	"	"	"	○	"

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

(2) Turret Lathe

Serial No.	Maker	Year of Manufact	Capacity Bar	Condition of machine	Power Source	Machine Indispensable	Location
364	Showa	1924 est	40 mm.	Class 2	Belt	○	4
381	"	1930 est	"	"	"	○	"
382	"	"	"	"	"	○	"
384	Mitsubishi	1944 est	"	"	Motor	○	"
385	Teikoku	1943 est	32 mm.	"	"	○	"
386	"	"	"	"	"	○	"
387	Hashimoto	1927 est	35 mm.	Class 3	Belt		"
393	Showa	1924 est	40 mm.	Class 2	"	○	"
413 Sp	Nishimori	1933	"	Class 3	"	○	9
414	Hirose	1934	35 mm.	Class 2	"		"
416	"	"	23 mm.	"	"		"
417	Sanyo	1943	44 mm.	"	Motor		"
418	"	"	"	"	"		"
434	"	"	"	"	"		"
435	"	"	"	"	"		"
445	"	"	"	"	"		"
446	"	"	"	"	"		"
450	Showa	1937	"	"	Belt	○	"
451	Teikoku	"	23 mm.	"	"	○	"
452	Showa	"	31 mm.	"	"		"
469 Sp	Tanahashi	1930	25 mm.	Class 3	"		"
470 Sp	"	"	"	Class 2	"		"
471 Sp	"	"	"	Class 3	"		"

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(2) Turret Lathe

Serial No.	Maker	Year of Manufact	Capacity Bar	Condition of Machine	Power Source	Machine Indispensable	Location
477	Sp Tanahashi	1930	25 mm.	Class 3	Belt		9
478	Hirose	1937	35 mm.	class 2	"		"
479	Unknown	1927 est	42 mm.	"	"		"
484	Warner & Swasey	1937	20 mm.	"	"	○	"
486	Sp Tanahashi	1930	25 mm.	"	"	○	"
492	Nishimori	1934	40 mm.	"	"	○	"
497	"	"	"	"	"	○	"
508	Sp Unknown	1925	est 60 mm.	"	"	○	"
509	Sp "	1927est	"	Class 3	"		"
511	Sp "	"	"	Class 2	"		"
515	Nishimori	1930	40 mm.	"	"	○	"
530	Sp Unknown	Unknown	25 mm.	Class 3	"		"
531	Hori	1920 est	21 mm.	Class 2	"		"
538	Nishimori	1934	40 mm.	"	"	○	"
540	"	"	"	"	"	○	"
554	"	"	"	"	"	○	5
555	"	"	"	"	"	○	"
556	"	1933	"	"	"	○	"
561	"	"	"	"	"	○	"
567	"	"	"	"	"	○	"
569	Tabata	1934	32 mm.	"	"		"

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

(2) Turret Lathe

Serial No,	Maker	Year of Manufact	Capacity Bar	Condition of Machine	Power Source	Machine Indispensable	Location
570	Teikoku	1935	38 mm.	Class 2	Belt	○	5
571	"	1935	38 mm.	"	"	○	"
573	Sanyo	1943	44 mm.	"	Motor		"
574	Nishimori	1934	40 mm.	"	Belt	○	"
575	"	"	"	"	"	○	"
576	"	1933	"	"	"	○	"
585	Teikoku	1942	"	"	Motor	○	"
587	"	"	"	"	"	○	"
588	"	"	"	"	"	○	"
649	"	1935	23 mm.	Class 3	Belt		6
650	"	"	"	"	"		"
659	Tanahashi	"	25 mm.	Class 2	"	○	"
666 Sp	"	"	"	"	"	○	"
667 Sp	"	"	"	"	"	○	"
668 Sp	"	"	"	"	"	○	"
681	Teikoku	1934	23 mm.	"	"	○	"
725 Sp	Unknown	1915 est	25 mm.	"	"		4'
740 Sp	Mori	"	"	Class 3	"		4'
827	Teikoku	1944	39 mm.	Class 2	Motor		2
828	"	"	"	"	"		"
829	Sanyo	1942	40 mm.	"	"		"
830	"	"	"	"	"		"

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(2) Turret Lathe

Serial No.	Maker	Year of Manufact	Capacity Bar	Condition of Machine	Power Source	Machine Indispen-sable	Location
833	Nishimori	Unknown	50 mm.	Class 2	Belt		Yamaguchi
835 Sp	"	"	"	Class 3	"		"
844	"	1933	40 mm.	Class 2	"		"
852	Teikoku	1943	39 mm.	Class 1	Motor		"
853	"	"	"	"	"		"
867	Nishimori	1933 est	40 mm.	Class 2	Belt		"

Turret Lathe Total 95

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3 Vertical Drilling Machine

Serial No.	Maker	Year of Manufact.	Capacity (Swing)	Condition of Machine	Power Source	Machine indispensable	Location
35	Unknown	1930 est	460 m.m.	class 2	belt		11
179	Taihei	1940	440 m.m.	2	motor		2
181	Enshyu	1942	440 m.m.	2	"		"
187	Ishii	1941	320 m.m.	3	"		"
191	Nisyo	1941	320 m.m.	2	"		"
202	Hirose	1923	500 m.m.	2	belt		"
240	Unknown	1930 est	340 m.m.	2	"		11
241	"	"	" "	2	"		"
260	"	"	520 m.m.	2	"		3
366	Minorikawa	1940	320 m.m.	2	motor		4
589	Toa	1941	460 m.m.	3	"		5
597	Unknown	1925 est	520 m.m.	2	belt		5
598	"	Unknown	290 m.m.	2	"		5
599	Toa	1941	400 m.m.	2	motor		5
600	"	"	400 m.m.	2	"		5
601	"	"	400 m.m.	2	"		5
602	"	"	"	2	"		5
603	"	"	"	2	"		5
604	"	"	"	2	"		5
605	"	"	"	2	"		5
606	Nagasaka	1934	350 m.m.	2	"		5
607	Unknown	1935	340 m.m.	2	"		5
608	"	1930 est	460 m.m.	2	"		5
609	"	1938 est	460 m.m.	2	"		5
610	Minorikawa	1940	340 m.m.	2	"		5

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3 Vertical Drilling Machine

Serial No.	Maker	Year of Manufact.	Capacity (Swing)	Condition of Machine	Power Source	Machine indis-pensable	Location
611	Unknown	1935	340 m.m.	class 2	motor		5
612	"	Unknown	260	2	belt	○	5
613	"	"	260 m.m.	2	"	○	5
854	Towa	1941	460 m.m.	1	motor		Yamaguchi
855	"	"	460 m.m.	1	"		"

Vertical Drilling Machine Total 30

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(4) Threading Machine

Serial No.	Maker	Year of Manufact	Capacity	Condition of Machine	Power Source	Machine Indispen-sable	Location
195	Uenishi	1943	50 mm.	Class 2	Motor		2
212	"	"	80 mm.	"	"		"
215	"	"	"	"	"		"
457	Tamaki	"	50 mm.	"	Belt	○	9
458	"	"	"	"	"	○	"
537	"	1942	"	"	"		"
687	"	"	"	"	"		6
848	"	"	"	"	"		Yamaguchi
849	"	"	"	"	"		"
851	"	"	"	"	"		"
869	"	"	"	"	"		"
415	"	"	"	"	"		9

Threading Machines Total 12

(5) Planing Machine

10	Miyawaki	1935 est	750 mm.	Class 2	Motor	○	11
11	Archdale	1920 est	"	"	Belt		"

Planing Machine Total 2

(6) Shaping Machine

13	Rokuroku	1925 est	Stroke 300 mm.	Class 2	Belt	○	11
209	Settsu	1942	" 500 mm.	"	Motor		"
220	Matsushita	"	" "	"	"	○	"

Shaping Machine Total 3

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(7) Horizontal Cylindrical Grinding Machine

Serial No.	Maker	Year of Manufact	Capacity Swing	Condition of machine	Power Source	Machine Indis-pensable	Location
60 Sp	Nishimori	1927 est	50 mm.	Class 2	Belt	○	11
61 Sp	"	"	"	"	"	○	"
62 Sp	"	"	"	"	"	○	"
63 Sp	"	"	"	"	"	○	"
64 Sp	"	"	"	"	"	○	"
65 Sp	"	"	"	"	"	○	"
66 Sp	"	"	"	"	"	○	"
67 Sp	"	"	"	"	"	○	"
68 Sp	"	"	"	"	"	○	"
69 Sp	"	"	"	"	"	○	"
70 Sp	"	"	"	"	"	○	"
71 Sp	"	"	"	"	"	○	"
72 Sp	"	"	"	"	"	○	"
73 Sp	Tanahashi	1927 est	"	"	"	○	"
74 Sp	"	"	"	"	"	○	"
75 Sp	"	"	"	"	"	○	"
76 Sp	"	"	"	"	"	○	"
77 Sp	"	"	"	"	"	○	"
78 Sp	"	"	"	"	"	○	"
79 Sp	"	"	"	"	"	○	"
80 Sp	"	"	"	"	"	○	"
81 Sp	"	"	"	"	"	○	"

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1-1	1-1	10-1	19-1
2-2	5-2	18-2	23-2
3-3	7-3	8-3	22-3
21-4	12-4	17-4	2-4
14-5	2-5	5-5	1-5
7-6	8-6	3-6	4-6
4-7	11-7	16-7	13-7
5-8	19-8	1-8	6-8
15-9	10-9	2-9	3-9
6-10	3-10	6-10	14-10

1-38	1-8	1-1	1-6
2-2	2-10	2-9	2-5
3-5	3-3	3-5	3-9
4-10	4-2	4-2	4-1
5-28	5-7	5-13	5
6-21	6-1	6-17	6-2
6	7-14	7-35	7
7-7	7-32	8-12	8-3
8-1	8	9-4	9-4
9-13	9-4	10-19	10-16
10-37	10-31		

5. # 27. Kamitsu Kōku Kogyo Higashi Kojo (east) 638 Morito Kamitsu-mura Kawabe-gun
28. Nishi Kojo (west) 864 Kawara Kamitsu Mura Kawabe-gun.

No. of machines #27 1244 22 s.p. for s.p. application is made.
#28 231 31 s.p. "

Workmen 140 maintenace laborers. 20.

During the war. aero-motor parts. (since 1942)

Before the war. Textile machines. At Present. Textile machines, spinning + winding.

Maintenace very well.

6. # 48 Tokushu Sangyo K.K.

Production Fire extingishers. 3.000 per month. workers 130 maintenance 13.

		Primary Inventory	Revised inventory
machines	class 1.	42	180
287	2.	185	47
40 in operation.	3.	40	40

maintenance very well

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(7) Horizontal Cylindrical Grinding Machine

Serial No.	Maker	Year of Manufact	Capacity Swing	Condition of Machine	Power Source	Machine Indis-pensable	Location
82 Sp	Tanahashi	1927 est	50 mm.	Class 2	Belt		11
83 Sp	"	"	"	"	"		"
84 Sp	"	"	"	"	"		"
85 Sp	"	"	"	"	"		"
86 Sp	"	"	"	"	"		"
87 Sp	"	"	"	"	"		"
88 Sp	"	"	"	"	"		"
89 Sp	"	"	"	"	"		"
90	Sonoike	1927 est	300 mm.	"	"		"
91	"	"	"	"	"		"
92	"	"	"	"	"		"
93	"	"	"	"	"		"
94	"	"	"	"	"		"
95	Fortuna	1920 est	250 mm.	"	"		"
101	Shoun	1940	30 mm.	"	Motor		12
102	"	"	"	"	"		"
103	"	"	"	"	"		"
104	Showa	1930	150 mm.	"	Belt		"
105	Brown& Sharp	1920 est	240 mm.	"	"		"
107 Sp	Unknown	1925 est	50 mm.	Class 3	"		"
108 Sp	"	"	"	"	"		"
109 Sp	"	"	"	"	"		"

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(7) Horizontal Cylindrical Grinding Machine

Serial No.	Maker	Year of Manufact	Capacity	Condition of Machine	Power Source	Machine Indispensable	Location
110 Sp	Unknown	1925 est	50 mm.	Class 3	Belt		12
111 Sp	"	"	"	"	"		"
112 Sp	"	"	"	"	"		"
113 Sp	"	"	"	"	"		"
114 Sp	"	"	"	"	"		"
115 Sp	"	"	"	"	"		"
116 Sp	"	"	"	"	"	○	"
117 Sp	"	"	"	"	"	○	"
118 Sp	"	"	"	"	"	○	"
119 Sp	"	"	"	"	"	○	"
120 Sp	"	"	"	"	"	○	"
121 Sp	"	"	"	"	"	○	"
122 Sp	"	"	"	"	"	○	"
123 Sp	"	"	"	"	"	○	"
124 Sp	"	"	"	"	"	○	"
125 Sp	"	"	"	"	"	○	"
126 Sp	"	"	"	"	"	○	"
127 Sp	"	"	"	"	"	○	"
128 Sp	"	"	"	"	"	○	"
129 Sp	"	"	"	"	"	○	"
130 Sp	"	"	"	"	"	○	"
131 Sp	"	"	"	"	"	○	"

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(7) Horizontal Cylindrical Grinding Machine

Serial No.	Maker	Year of Manufact.	Capacity Swing	Condition of Machine	Power Source	Machine indis-pensable	Location
132SP	Unknown	1925 est	50 mm.	class 3	belt	○	12
133SP	"	"	"	"	"	○	"
134SP	"	"	"	"	"	○	"
135SP	"	"	"	"	"	○	"
136SP	"	"	"	"	"	○	"
137SP	"	"	"	"	"	○	"
138SP	"	"	"	"	"	○	"
139SP	"	"	"	"	"	○	"
140SP	"	"	"	"	"	○	"
141SP	"	"	"	"	"	○	"
142SP	"	"	"	"	"	○	"
143SP	"	"	"	"	"	○	"
144SP	"	"	"	"	"	○	"
145SP	"	"	"	"	"	○	"
146SP	"	"	"	"	"	○	"
147SP	"	"	"	"	"	○	"
149	Norton	1920 est	170 mm.	class 2	belt	○	"
150	Moder Tool	"	350 mm.	"	"	○	"
154	Sonoike	1930 est	300 mm.	" 3	"	○	"
155	"	"	"	"	"	○	"
156	Showa	"	250 mm.	"	"	○	"
157	"	"	"	"	"	○	"

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(7) Horizontal Cylindrical Grinding Machine

Serial No.	Maker	Year of Manufact	Capacity Swing	Condition of Machine	Power Source	Machine Indispensable	Location
158	Norton	1925 est	260 mm.	Class 2	Belt	○	12
159	"	"	"	"	"	○	"
201	Shoun	1940	30 mm.	"	Motor		2
222 Sp	Showa	1927 est	50 mm.	Class 3	Belt		12
223 Sp	Unknown	"	"	"	"		"
224 Sp	"	"	"	"	"		"
242 Sp	"	1930 est	20 mm.	Class 2	"	○	"
345 Sp	Showa	1934 est	50 mm.	"	"	○	3
353 Sp	Mori	1930 est	120 mm.	"	"	○	"
357 Sp	"	1927 est	150 mm.	"	"	○	"
358 Sp	"	"	"	"	"	○	"
359 Sp	"	1925 est	"	"	"	○	"
360 Sp	"	"	"	"	"	○	4
362 Sp	Showa	1927 est	120 mm.	"	"	○	"
363 Sp	"	1930 est	"	"	"	○	"
367 Sp	"	"	"	"	"	○	"
388 Sp	Mori	1932 est	"	"	"	○	"
391 Sp	"	"	"	"	"	○	"
392 Sp	"	"	"	"	"	○	"
394 Sp	Showa	1927	150 mm.	"	"	○	"

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(7) Horizontal Cylindrical Grinding Machine

Serial No.	Maker	Year of Manufact.	Capacity Swing	Condition of Machine	Power Source	Machine indis-pensable	Location
395SP	Mori	1927	150 mm.	class 2	belt	○	4
396SP	Showa	1930	"	"	"	○	"
397SP	Mori	1927 est	"	"	"	○	"
398SP	"	"	"	"	"	○	"
399SP	Showa	1930 est	"	"	"	○	"
400SP	"	"	"	"	"	○	"
401SP	Mori	1927 est	"	"	"	○	"
402SP	"	"	"	"	"	○	"
403SP	"	"	"	"	"	○	"
542SP	"	"	"	"	"	○	"
626SP	Showa	1915 est	50 mm.	"	"	○	5
627SP	"	"	"	"	"	○	"
628SP	Mori	1926	150 mm.	"	"	○	4
723SP	Tanahashi	1925 est	50 mm.	class 3	"	○	12'

Horizontal Cylindrical Grinding Machine Total 132

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(8) Surface Grinding Machine

Serial No.	Maker	Year of Manufact	Capacity	Condition of Machine	Power Source	Machine Indispensable	Location
151	Riken	1944	Table dia 300x600 m.m.	Class 2	Motor	○	12
152	Showa	1942	230x760	"	Belt		"
153	"	"	"	"	"		"

Total 3

(9) Centerless Grinding Machine

100	B.S.A.	1935	Maximum dia 100 mm.	Class 2	Motor	○	12
160 Sp	Ball & Roller bearing Co.	" est	30 mm.	"	Belt		"
161 Sp	"	"	"	"	"		"

Total 3

(10) Tool Grinding Machine

96	Matsushita	1942	200 dia	Class 2	Belt	○	11
97	Hirose	1935	"	"	"	○	"
98	Unknown	1920 est	480x200	"	"	○	"
99	Modern Tool	1925 est	"	"	"	○	"

Total 4

(11) Vertical Spindle Milling Machine

185	Shizuoka	1942	560x220	Class 2	Motor		2
197	Imaizumi	"	450x190	"	"		"
217	"	"	"	"	"		"
218	"	"	"	"	"	○	"

Total 4

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(12) Universal Milling Machine

Serial No.	Maker	Year of Manufact.	Capacity	Condition of Machine	Power Source	Machine Indispensable	Location
			Working surface				
12	Hirose	1937	460x115	Class 2	Belt	○	11
148	Riken	1942	125x560	"	Motor	○	12
165	Kyoto	1944	482x150	"	"		2
166	Morita.	1942	550x180	"	"		"
171	Kyoto	"	482x150	"	"		"
180	"	"	"	"	"		"
190	"	"	"	"	"		"
192	Enshu	1944	360x170	"	"		"
198	Tokyo Seiki	"	580x270	"	"		"
213	Hirose	1916	500x150	"	Belt	○	"
214	Shinko	1940	150x130	"	Motor		"
219	Kyoto	1942	482x152	"	"	○	"
261	Unknown	1925 est	125x100	Class 3	Belt		3
361	Enshu	1944	360x170	Class 2	Motor		4
419	Okuma	1916	360x80	"	Belt	○	9
467	Hirose	1916 est	550x170	"	"	○	"
468	"	"	"	"	"	○	"
545	Unknown	1925 est	220	"	"	○	"
546	"	"	270	"	"	○	"
614	Sonoike	1915	510x100	"	"	○	5
615	"	"	"	"	"	○	"
616	Hirose	"	245x70	"	"	○	"

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(12) Universal Milling Machine

Serial No.	Maker	Year of Manufact	Capacity	Condition of Machine	Power Source	Machine Indispensable	Location
			Working surface				
617	Hirose	1915	245x70	Class 2	Belt	○	5
618	"	"	"	"	"	○	"
619	"	"	"	"	"	○	"
620	Okuma	1915	360x140	"	"	○	"
680	Shizuoka	1942	450x160	"	Motor		6
826	"	1940	"	"	"		2
857	Hirose	1915 est	220x900	"	Belt		Yamaguchi
858	Okuma	1916 est	360x80	"	"		"

Universal Milling Machine Total 30

(13) Broaching Machine

374	J.N.Lapoint	1915 est	20 mm.	class 2	Belt		4

(14) Hack Sawing Machine

40	Sugimoto	1933	150 mm.	Class 2	Belt		11
173	Morita	1942	"	"	Motor	○	2
328	Sugimoto	1940	"	"	"	○	3
329	"	"	"	"	"	○	"
631	"	"	"	"	Belt		6
663	Hirose	1935	"	"	Motor	○	"
732	Sugimoto	1920 est	"	"	Belt		4
733	"	"	"	"	"		"
832	Morita	1942	"	Class 1	Motor		Yamaguchi

Total 9

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(15) Polishing Machine

Serial No.	Maker	Year of Manufact.	Capacity (dia of work)	Condition of Machine	Power Source	Machine indis-pensable	Location
36SP	Nishimori	1927 est	60 mm.	class 3	belt	○	11
225SP	Tanahashi	"	"	2	"		12
226SP	"	"	"	2	"		"
227SP	"	"	"	2	"		"
228SP	"	"	"	2	"		"
229SP	"	"	"	2	"		"
230SP	"	"	"	2	"		"
231SP	"	"	"	2	"		"
232SP	"	"	"	2	"		"
233SP	"	"	"	2	"		"
234SP	"	"	"	2	"		"
235SP	"	"	"	2	"		"
236SP	"	"	"	2	"		"
237SP	"	"	"	2	"		"
238SP	."	"	"	2	"		"
306SP	Mori	"	"	2	"	○	3
307SP	"	"	"	2	"	○	"
308SP	"	"	"	2	"	○	"
309SP	"	"	"	2	"	○	"
313SP	Tanahashi	1927 est	"	2	"	○	"
314SP	Mori	"	"	2	"	○	"
315SP	"	"	"	2	"	○	"
316SP	"	"	"	2	"	○	"
317SP	"	"	"	2	"	○	"
318SP	"	"	"	2	"	○	"

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(15) Polishing Machine

Serial No.	Maker	Year of Manufact.	Capacity (dia of work)	Condition of Machine	Power Source	Machine indis-pensable	Location
319SP	Mori	1927 est	60 mm.	class 2	belt	○	3
320SP	"	"	"	2	"	○	"
321SP	Tanahashi	1930	"	2	"	○	"
322SP	"	"	"	2	"	○	"
323SP	"	"	"	2	"	○	"
324SP	"	"	"	2	"	○	"
466SP	Syowa	1927 est	"	2	"		9
472SP	"	"	"	2	"		"
475SP	"	"	"	2	"		"
476SP	"	"	"	2	"		"
483SP	"	"	"	2	"		"
517SP	Unknown	Unknown	"	2	"		"
518SP	Tanahashi	1930	"	2	"		"
519SP	"	"	"	2	"		"
520SP	"	"	"	2	"		"
521SP	"	"	"	2	"	○	"
522SP	"	"	"	2	"	○	"
523SP	"	"	"	2	"	○	"
524SP	"	"	"	2	"	○	"
525SP	"	"	"	2	"	○	"
526SP	"	"	"	2	"	○	"
527SP	"	"	"	2	"	○	"
528SP	"	"	"	2	"	○	"
532SP	"	"	"	2	"		"
533SP	"	"	"	2	"		"

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(15) Polishing Machine

Serial No.	Maker	Year of Manufact.	Capacity (dia of work)	Condition of Machine	Power Source	Machine indis-pensable	Location
534SP	Tanahashi	1930	60 mm.	class 2	belt		9
535SP	"	"	"	2	"		"
536SP	"	"	"	2	"		"
548SP	"	"	"	2	"		"
596SP	Syowa	1925 est	"	2	"	○	5
632SP	Nishimori	1920 est	"	2	"	○	6
633SP	"	"	"	2	"	○	"
634SP	"	"	"	2	"	○	"
635SP	"	"	"	2	"	○	"
636SP	"	"	"	2	"	○	"
637SP	"	"	"	2	"		"
638SP	"	1927	"	2	"	○	"
639SP	"	"	"	2	"	○	"
640SP	"	"	"	2	"	○	"
641SP	"	"	"	2	"	○	"
642SP	"	"	"	2	"	○	"
643SP	"	"	"	2	"	○	"
644SP	"	"	"	2	"	○	"
645SP	"	"	"	2	"	○	"
646SP	"	"	"	2	"	○	"
647SP	"	"	"	2	"	○	"
654SP	Tanahashi	1920	"	2	"	○	"
655SP	"	"	"	2	"	○	"
656SP	"	"	"	2	"	○	"
657SP	"	"	"	2	"	○	"

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(15) Polishing Machine

Serial No.	Maker	Year of Manufact.	Capacity (dia of work)	Condition of Machine	Power Source	Machine Indispensable	Location
734SP	Tanahashi	1920	60 mm.	class 2	belt		4'
735SP	"	"	"	2	"		4'
736SP	"	"	"	2	"		4'
737SP	"	"	"	2	"		4'
738SP	Mori	"	"	3	"		4'
739SP	Unknown	Unknown	"	2	"		4'
838SP	Tanahashi	1927 est	"	2	"		Yamaguchi

Polishing Machine Total 82

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(16) Fluting Machine for Spinning Roller

Serial No.	Maler	Year of Manufact.	Capacity (dia of work)	Condition of machine	Power Source	Machine indis-pensable	Location
189SP	Syowa	1927 est	30 mm.	class 2	belt	○	2
368SP	"	1930	"	2	"	○	4
369SP	"	"	2 "	2	"	○	"
370SP	Mori	1933	"	2	"	○	"
371SP	"	1930	"	2	"	○	"
372SP	"	"	"	2	"	○	"
373SP	"	"	"	2	"	○	"
404sp	Syowa	1933	"	2	"	○	"
405SP	Mori	1930	"	2	"	○	"
406SP	"	"	"	2	"	○	"
407SP	"	"	"	2	"	○	"
408SP	"	"	"	2	"	○	"
409sp	"	"	"	2	"	○	"
410SP	"	"	"	2	"	○	"
411SP	"	"	"	2	"	○	"
412SP	"	"	"	2	"	○	"

Fluting Machine Total 16

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(17) Special Milling Machine for Spinning Roller

Serial No.	Maker	Year of Manufact.	Capacity (dia of work)	Condition of Machine	Power Source	Machine indis-pensable	Location
375SP	Syowa	1930	35 mm.	class 2	belt	○	4
376SP	"	"	"	2	"	○	"

Special Milling Machine Total 2

(18) Square Holing Machine for Spinning Roller

Serial No.	Maker	-Year of Manufact.	Capacity (dia of work)	Condition of Machine	Power Source	Machine indis-pensable	Location
377SP	Mori	1927 est	30 mm.	class 2	belt	○	4
378SP	"	"	"	2	"	○	"
379SP	"	"	"	2	"	○	"
380SP	"	"	"	2	"	○	"

Square Holing Machine Total 4

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(19) Punching Machine

Serial No.	Maker	Year of Manufact	Capacity	Condition of Machine	Power Source	Machine Indispensable	Location
622	Unknown	1920 est	0.2 Ton	Class 2	Belt	○	℄ 5
625	Esaki	1915 est	50 kg.	"	"	○	"
629	~~Akishin~~ AKISYU	"	12 mm.	"	Motor	○	6

Total 3

(20) Manual Press

9	Unknown	1930 est	250 kg	Class 2			11
221	"	1925 est	100 kg	"		○	2
769	"	1930 est	250 kg	"		○	3

Total 3

(21) Straightening Machine

621	Todoroki	1918	5 mm.	Class 2	Belt	○	5
630	Unknown	1938 est	42 mm.	"	Motor	○	4

Total 2

(22) Rivetting Machine

623	Crant	1918	5 mm.	Class 2	Belt	○	5
624	Mori	1920	"	"	"	○	"
722	Unknown	1915 est	"	"	"	○	12

Total 3

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(23) Forging Machines

Serial No.	Maker	Year of Manufact	Capacity	Condition of Machine	Power Source	Machine Indis-pensable	Location
743	Conventry	1925 est	40 mm.	Class 2	Belt	○	7
744	Samuell Platt	1930	30 mm.	"	"	○	"
745	Unknown	1915 est	30 kg.	"	"	○	"
749	Niigata	1940	250 kg	"	Motor	○	8
750	Unknown	1915	30 kg	"	Belt	○	"

Total 5

(24) Press for Scrap Chip

748	Nosato	1934	900x350x300	Class 2	Motor	○	7

(25) Testing Machine

1	Fujii	1941	Sharpy	Class 1			1
2	"	1942	Amlar	"	Motor	○	"
3	Leiz	1938	Microscope	Class 2		○	"
4	Riken	1942	Length Meter	"		○	"
5	Fujii	1941	Hardness Tester	3			"
6	Tokushu	1942	Length Meter	"			"
7	"	1943	Optical	Class 1		○	"
8	Koshin	1941	Tool Microscope	2		○	"
705	Appareil	Unknown	3500 kg	"	Motor	○	10

Testing Machine Total 9

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(26) Air Compressor

Serial No.	Maker	Year of Manufact	Capacity	Condition of Machine	Power Source	Machine Indispensable	Location
568	Sanko	1935	3 kg	Class 2	Motor		5
805	Asahikiki	1942	5 kg	Class 3	"	○	2
806	Meiji	1943	"	Class 2	"		"
807	"	"	"	Class 1	"		"
808	"	"	"	"	"	○	5
809	Mikuni	1942	100 kg	"	"		9
810	Asahi	"	5 kg	Class 2	"	○	2
811	"	"	"	"	"		"
812	"	"	"	"	"		"
813	"	"	"	"	"		"
814	"	"	"	"	"	○	"
815	"	"	"	"	"	○	"
816	"	"	"	"	"	○	"
817	Meiji	1943	"	"	"		"
818	Asahi	"	"	"	"		"
819	"	"	"	"	"		"

Total 16

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Serial No.	Maker	Year of Manufact	Capacity	Condition of Machine	Power Source	Machine Indis-pensable	Location
(27)	Gas Heat Treatment Furnace						
690	Unknown	1927 est	250x100	Class 2			10
691	"	"	"	"			"
692	"	"	"	"			"
693	"	"	"	"			"
694	"	"	"	"			"
715	"	"	660x260x110 mm	"			"
716	"	"	"	"			"
717	"	"	"	"			"
718	"	"	"	"			"
719	"	"	"	"			"
720	"	"	"	"			"
	Total 11						
(28)	Electric Heat-treatment Furnace						
695	Komatsu	1942	30 K.W.	Class 2			10
696	"	"	22 K.W.	"			"
707	"	1935	5 K.W.	"			"
708	"	1939	12 K.W.	"			"
742	Ripoche	1938	80 Kg	"			6"
746	"	1930	20 K.W.	"			7
747	"	"	30 K.W.	"			"
831	Komatsu	1942	20 K.W.	"			"
	Total 8						

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Serial No.	Maker	Year of Machine	Capacity	Condition of Machine	Power Source	Machine indis-pensable	Location
			(29) Rotary Heat-treatment Furnace				
697	Syowa	1935	150mmx800	class 2	belt	○	10
698	"	"	"	2	"	○	"
699	"	"	"	2	"	○	"
700	"	"	"	2	"	○	"
701	"	"	"	2	"	○	"
702	"	"	"	2	"	○	"
703	American Gas Furnace	1925	"	2	"	○	"
704	Syowa	1935	120x600	2	"	○	"
			Rotary Heat-treatment Furnace Total 8				
			(30) Salt Bath Furnace				
706	Komatsu	1937	300x300x300mm.	class 2		○	10
721	"	"	200x100x150mm.	" 2		○	"
			Salt Bath Total 2				
			(31) Oil Heat-treatment Furnace				
709	Unknown	1915	660x260x160mm.	class 2			10
710	"	"	"	2			"
711	"	"	"	2		○	"
712	"	"	"	2		○	"
713	Sydwa	1930	700x250x130mm	2			"
714	"	"	"	2			"
741	Rousseau	1938	80 Kg.	2			6'
			Oil Heat-treatment Furnace Total 7				

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(32) Electric Motor

Serial No.	Maker	Year of Manufact	Capacity	Condition of Machine	Power Source	Machine Indispensable	Location
764	Mitsubishi	Unknown	20 Hp	Class 1	A.C.	○	9
765	"	"	15 Hp	"	"	○	"
766	Kawasaki	"	10 Hp	"	"	○	8
767	Fuji	"	15 Hp	"	"	○	7
768	Shibaura	"	"	"	"	○	"
770	Mitsubishi	"	20 Hp	"	"	○	3
771	"	1934	"	"	"	○	"
772	Shibaura	"	"	"	"	○	"
773	"	"	15 Hp	"	"	○	"
774	Mitsubishi	1934 est	"	"	"	○	"
775	"	Unknown	"	"	"	○	"
776	Shibaura	1934 est	"	"	"	○	4
777	"	Unknown	20 Hp	"	"	○	"
778	Mitsubishi	"	"	"	"	○	"
779	"	1930	"	"	"	○	5
780	Kawasaki	1915 est	15 Hp	"	"	○	"
781	"	1920 est	20 Hp	"	"	○	"
782	Shibaura	1934 est	10 Hp	"	"	○	12
783	"	"	"	"	"	○	"
784	"	"	7½ Hp	"	"	○	"
785	"	"	20 Hp	"	"	○	11

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(32) Electric Motor

Serial No.	Maker	Year of Manufact	Capacity	Condition of Machine	Power Source	Machine Indispensable	Location
786	Mitsubishi	Unknown	20 Hp	Class 1	A.C.	○	11
787	"	"	"	"	"	○	"
788	Shibaura	1920 est	10 Hp	"	"		2
789	"	1935	20 Hp	"	"		"
790	Kawasaki	1915 est	"	"	"		"
791	"	"	"	"	"		"
792	Shibaura	1925 est	20 Hp	"	"		"
793	"	1920 est	"	"	"	○	"
794	"	"	15 Hp	"	"		"
795	Mitsubishi	1930 est	20 Hp	"	"	○	"
796	"	"	"	"	"	○	"
797	"	"	"	"	"	○	"
798	Shibaura	1934	10 Hp	"	"	○	"
799	Mitsubishi	"	"	"	"	○	"
800	Kawasaki	Unknown	15 Hp	"	"	○	"
801	Mitsubishi	"	20 Hp	"	"	○	"
802	"	"	"	"	"	○	"

Electric Motor Total 38

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Serial No.	Maker	Year of Manufact	Capacity	Condition of Machine	Power Source	Machine Indispensable	Location
	(33) Motor Generator						
803	Shibaura	1944 est	10 Hp	Class 1	A.C.		2
	(34) Magna Flux						
804	Kuwata	1942	10 Hp	Class 2	D.C.		"
	(35) Electric Transformer						
820	Hokoku	1942	75 K.W.	Class 1		○	10'
821	"	"	"	"		○	"
822	"	"	"	"		○	"
	Total 3						

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The Details of additional machines

Serial No.	Maker	Year of Manufact.	Capacity	Condition of Machine	Power Source	Machine indispensable	Location
	(10) Tool Grinding Machine						
			size of Table				
889	Unknown	1925 est	480 x 200	class 2	belt		4
890	"	"	"	class 3	"		"
898	" "	1930 est	"	"	"		5
	Total 3						
	(15) Polishing Machine						
			Dia of disk				
875	Eikosha	1935 est	150 mm.	class 1	motor		1
	(18-2) Bit Grinding Machine						
878	Toa	1940 est	300 mm.	class 2	motor		
879	Showa	1935 est	360 mm.	"	belt		
880	unknown	1930 est	300 mm.	"	"		
881	Riken	1940 est	"	"	motor		
882	"	"	"	"	"		
883	"	"	"	"	"		
884	Showa	1930 est	360 mm.	"	belt		
885	"	"	"	"	"		
887	Riken	1940 est	300 mm.	"	motor		
893	Hirose	1930 est	"	"	belt		
895	Unknown	"	"	"	"		
897	Riken	1935	"	"	motor		
905	Hirose	"	"	"	belt		
906	Showa	"	"	"	"		
	Total 14						

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Serial No.	Maker	Year of Manufact.	Capacity	Condition of Machine	Power Source	Machine indispensable	Location	
	(18-3) Buffing Machine							
886	Unknown	1930 est	300 mm.	class 2	belt			
891	"	1925 est	"	"	"			
894	"	1920 est	"	"	"			
896	"	1930 est	"	"	"			
		Total 4						
	(23) Rivetting Machine							
899	Unknown	1925 est	10 mm.	class 3	belt			
900	"	"	"	"	"			
901	"	"	"	"	"			
902	"	"	"	"	"			
		Total 4						
	(20)- Manual Press							
888	Unknown	1920 est	150 kg.	class 2				
	(25) Testing Machine							
873	Shos Firth & Sons Co.	1930 est	30 kg.	class 1	hadnesster			1
874	"	"	10 kg.	class 3	"			1
876	Tanahashi	1935 est	60 mm.	class 1	Friction test			1
907	Platt & witney	1930 est	8 mm.	class 1	Super Micrometer			1
908	Takachiho	1935 est	50 mm.	class 1 Length measuring microscope				
		Total 5						

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Serial No.	Maker	Year of Manufact.	Capacity	Condition of Machine	Power Source	Machine indispensable	Location
	(28) Electric heat-treatment furnace						
877	Komatsuei	1940	45 x 900	class 1			1
	(31-4) Other Machind						
893	Centrifugal Water Separator						
	Osaka Water Separater Co.	1936 est	580mm x 300mm	class 2			
903	Jointing Machine for roller						
	Showa	1935 est	30 mm.	class 2			4
904	"	"	"	"			"

Total 3

Additional Machines Grand Total 36

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(~~5~~) 7 Other information

(a) Number of employees

1. Wartime 1.300 (students contained)
2. At present 185
3. 1946-1947 (450 (at maximum capacity)

(b) Bottle neck at present production

1. Lack of workers
2. Lack of sub materials

above all fuel cokes
machine oil
etc.

3. Lack of funds becausecof the Revised Bank Deposit Control Emergency Measure.