

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

Description of contents

(1) Box no. 2865

(2) Folder title/number: (3)
Kayaba Sangyo K.K.

(3) Date: **Feb. 1946 - June 1949**

(4) Subject:

Classification	Type of record
9230, 9621	z

(5) Item description and comment:

Gifu

(6) Reproduction: Yes No

(7) Film no.

Sheet no.

(Compiled by *National Diet Library*)

File F 4.11

KAYABA INDUSTRY CO., LTD., GIFU PLANT
No. 505, Deta-mura, Kani-gun, Gifu Prefecture.

Gifu, 14 June 1949.

Subject: Application of permit for establishment of new 5 Bldgs.
in plant premises.

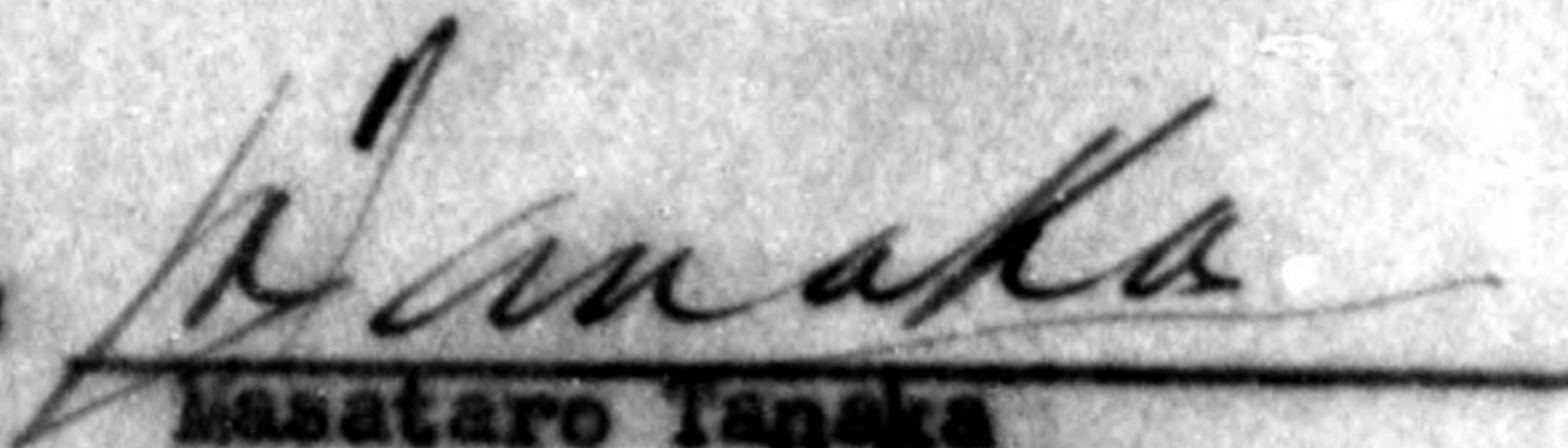
Thru: Commercial and Industry Section, Gifu Prefectural Government.

To: Gifu Military Government Team.

1. After the five case (dated: 3rd Feb. 1949) of No. 213 Bldg. in our plant premises, 4 Bldg. No. 214, 215, 216 and 217 have been established, as blue print following attached.
2. No. 214 and 215 Bldgs. are Wood Working Shops and each Exempted facility.
3. In No. 216 Bldg. 09-11-1987 u. Five pump (with gasoline engine turbine pump) and 09-11-1988 u Horse Wagon are stored.
4. No. 217 Bldg. is cold bar drawing shop and Exempted facility.
5. Besides the above, No. 3 Bldg. moved from released area. This building will be used as Garage, and 4 Trucks, 2 passenger cars are stored and a disc grinder and a Air Compressor portable are installed, each machine and equipment are authorized to use.
6. We should be very much appreciated your grant of permit for establishment of above 5 buildings.


For Kayaba Industry Co., Ltd., Gifu Plant.


Signed:


Masataro TanakaTitle: Manager and Custodian

Plant Lay - 06

Remarks

 Available Equipment Section

 Authorized Use Section


A.U : Authorized Use

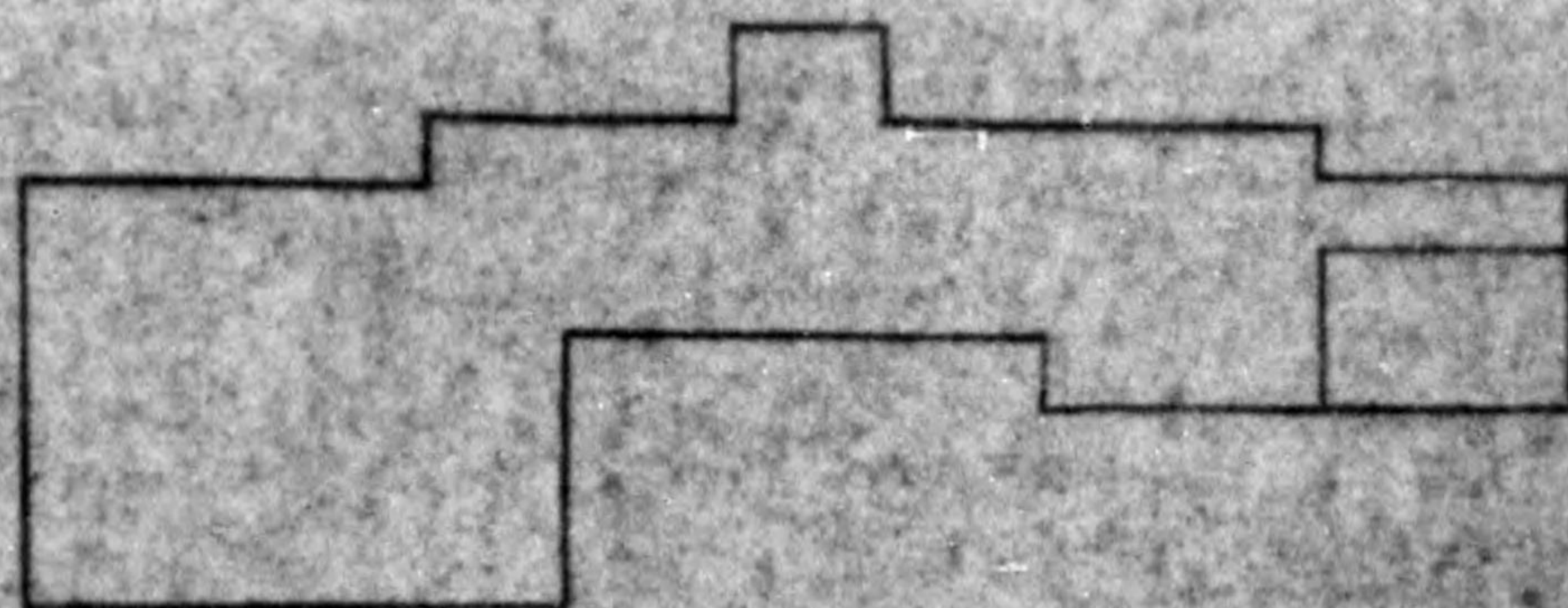
I.F : Integrated Facility

E.X : Exempted Facility

H.J : Hydraulic Jack

Bicy : Bicycle

 : New building

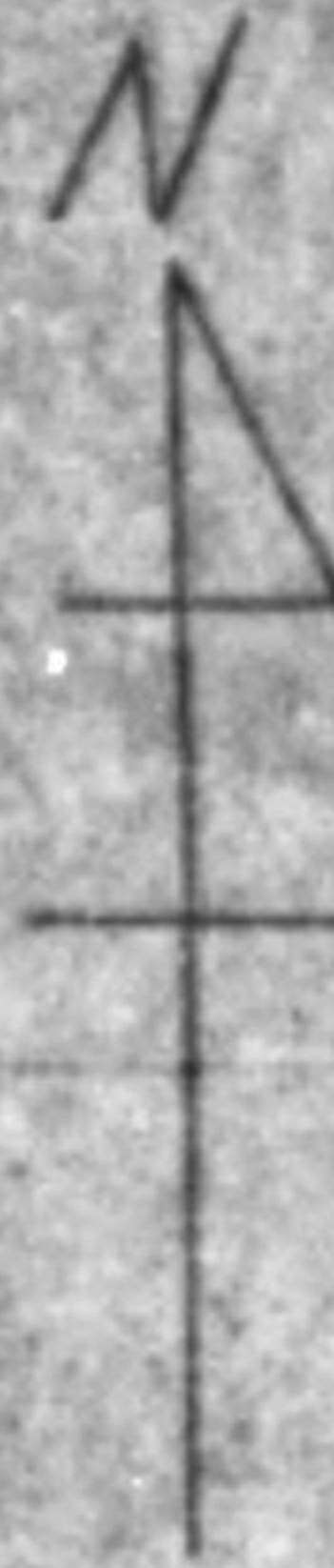


Released Area

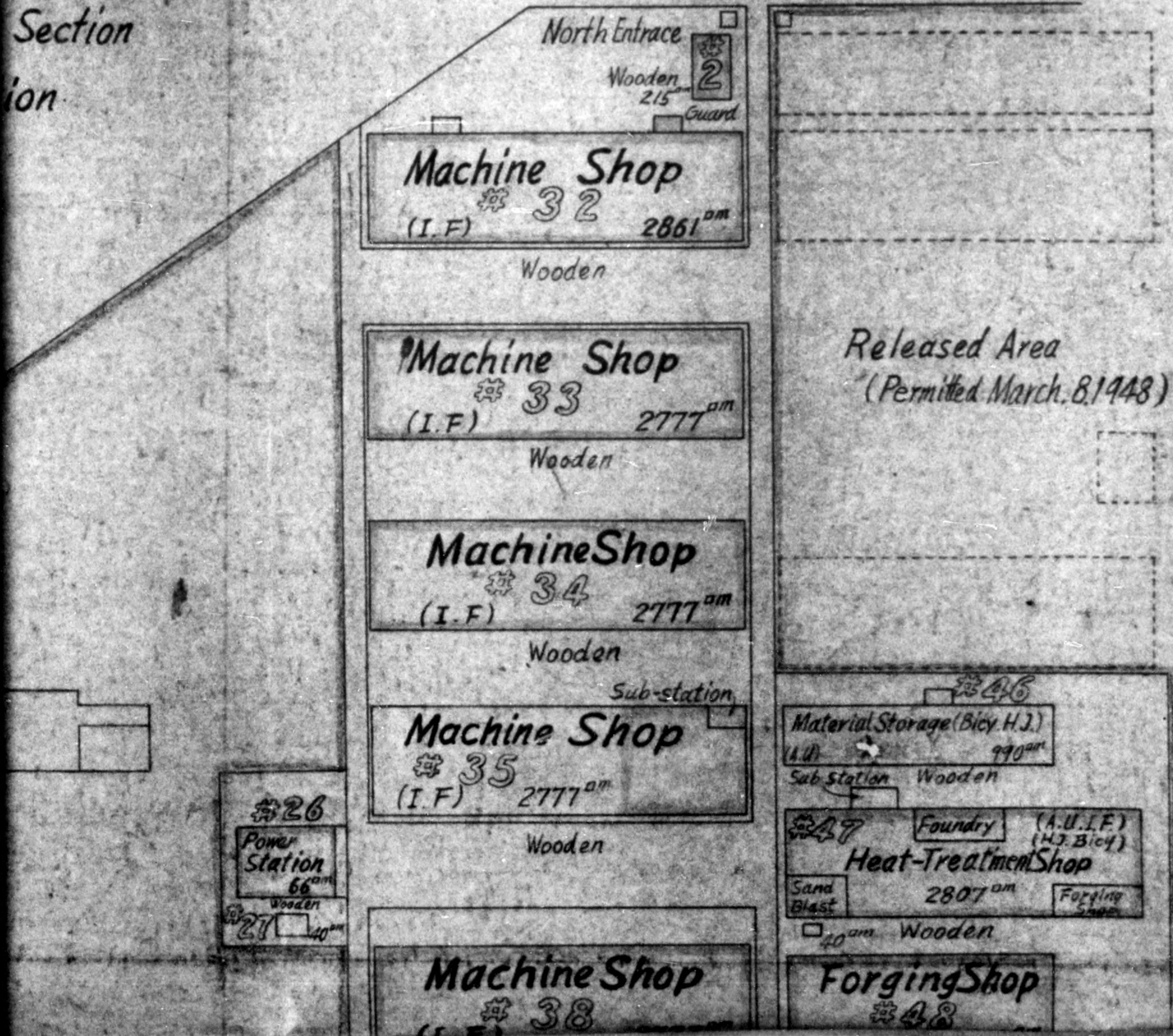
(Permitted March 8, 1948)

#26
Power Station
66' x 40'
Wooden
#27 40'

Plant Lay-Out



Section
ion



Released Area

(Permitted March 8, 1948)

#26
Power Station
66^{sqm}
Wooden
#27 40^{sqm}

□ Main Entrance

Guard
#1 215^{sqm}
Wooden
44^{sqm}

#112 Machine Shop (A.U. I.F.)
2784^{sqm} (Bicycle)
Material Storage (A.U. I.F.)
Cut off Section
Wooden

Machine Oil Brake
Hydraulic Jack 212
Bicycle Parts 2777^{sqm}
(A.U. I.F.)
Wooden

Truck Garage
#3 331.7^{sqm}
(A.U.)

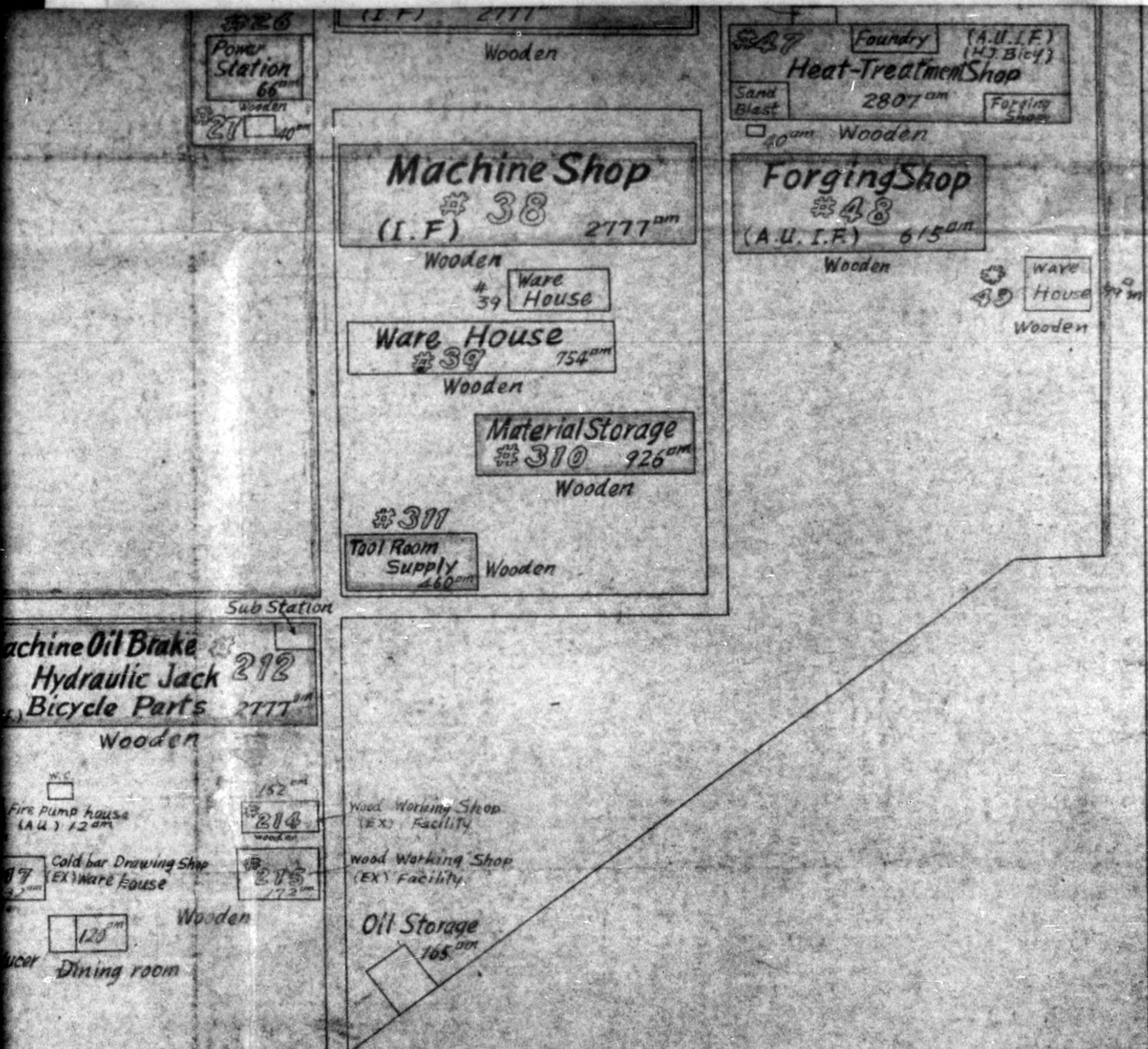
Metal Sheet Working Shop #113
(A.U. I.F.) 2827^{sqm}
Wooden
Machine Shop (A.U. I.F.)
(Bicycle)
Acid Bath 20^{sqm}

#216 Fire pump house (A.U.) 12^{sqm}
wooden
#217 Cold bar Drawing Shop (EX) ware house
wooden
#214 152^{sqm}
wooden
#215 173^{sqm}
Wooden
Dining room 120^{sqm}

Metal Plating Shop 3047^{sqm}
Machine Shop #114 (A.U. I.F.)
Enameling Shop (A.U. I.F.)
(Bicycle)
Wooden
Sub Station
Acetylene Producer

Parts Storage
Assembling Shop (A.U. I.F.) (Bicycle)
#115 2777^{sqm}
Wooden

Sub Station



Kayaba Industry Co. Ltd.




Gifu Plant

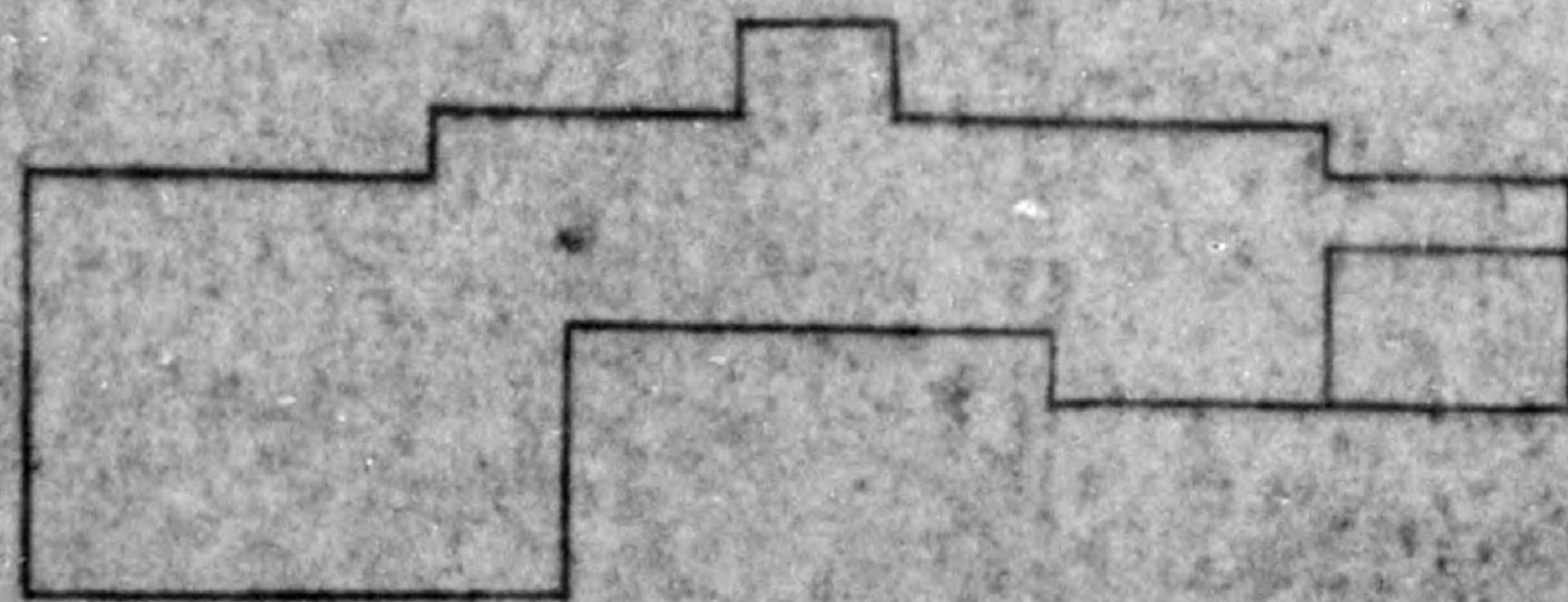
505, Dota-Mura, Kani-Gun, Gifu-Prefecture

April 1948

Plant Lay-out

Remarks

-  Available Equipment Section
-  Authorized Use Section
- A.U : Authorized Use
- I.F : Integrated Facility
- E.X : Exempted Facility
- H.J : Hydraulic Jack
- Bicy : Bicycle
-  : New bldg

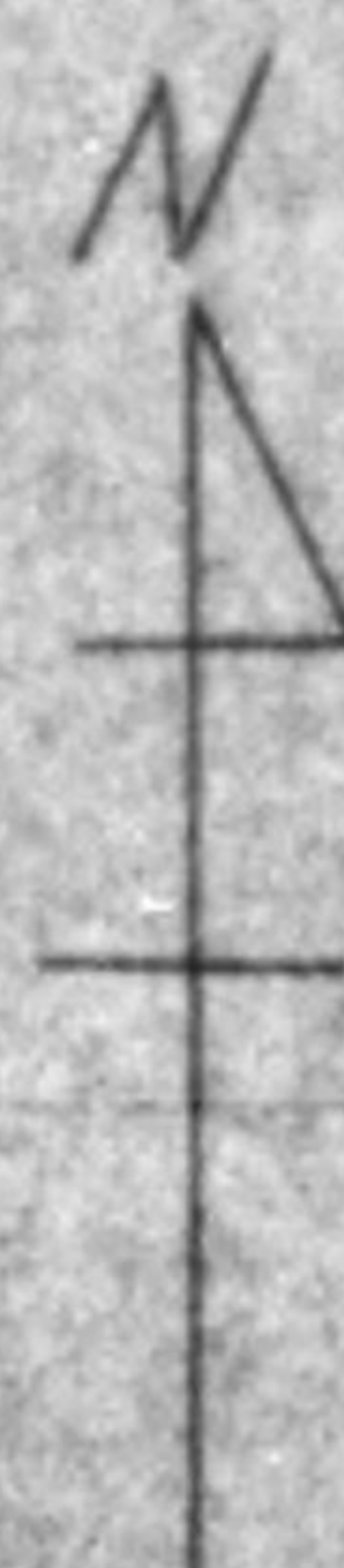


Released Area

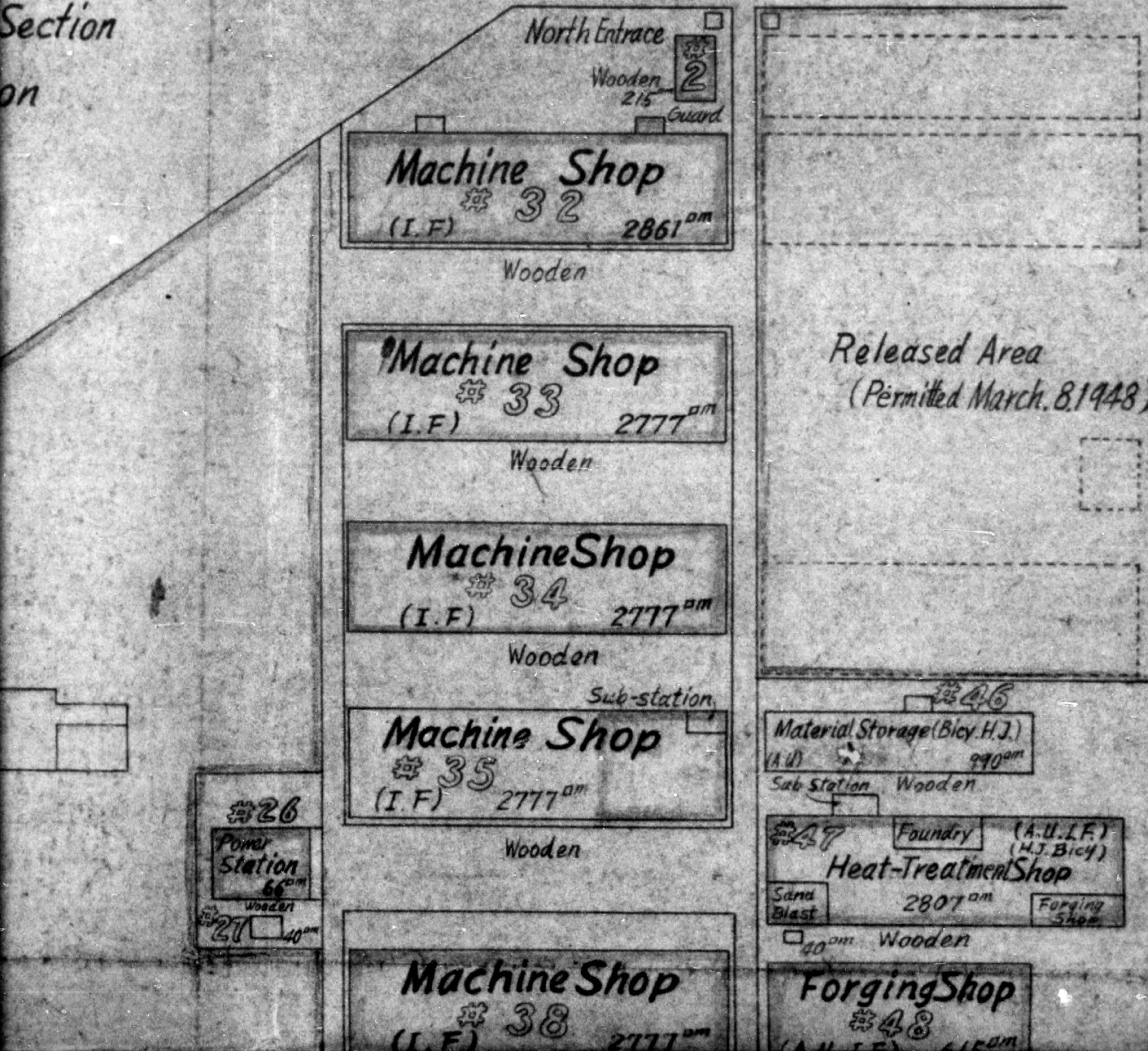
(Permitted March 8, 1948)

#26
Power Station
66' x 40'
Wooden
#27

Plant Lay-Out



Section
on



Released Area

(Permitted March 8, 1948)

Station 66
WOODEN
27 40

□ Main Entrance

Sub Station

Guard #1 215
Wooden

44 am

#112	Machine Shop (A.U. I.F.) 2784 am (Bicycle)	Material Storage (A.U. I.F.) Cut off Section
Wooden		

Machine Oil Brake Hydraulic Jack Bicycle Parts	#212 2777 am
Wooden	

Truck Garage #3
331.1 am
(A.U.)

Metal Sheet Working Shop #113 (A.U. I.F.) 2827 am	Machine Shop (A.U. I.F.) (Bicycle)
Wooden	Acid Bath 20 am

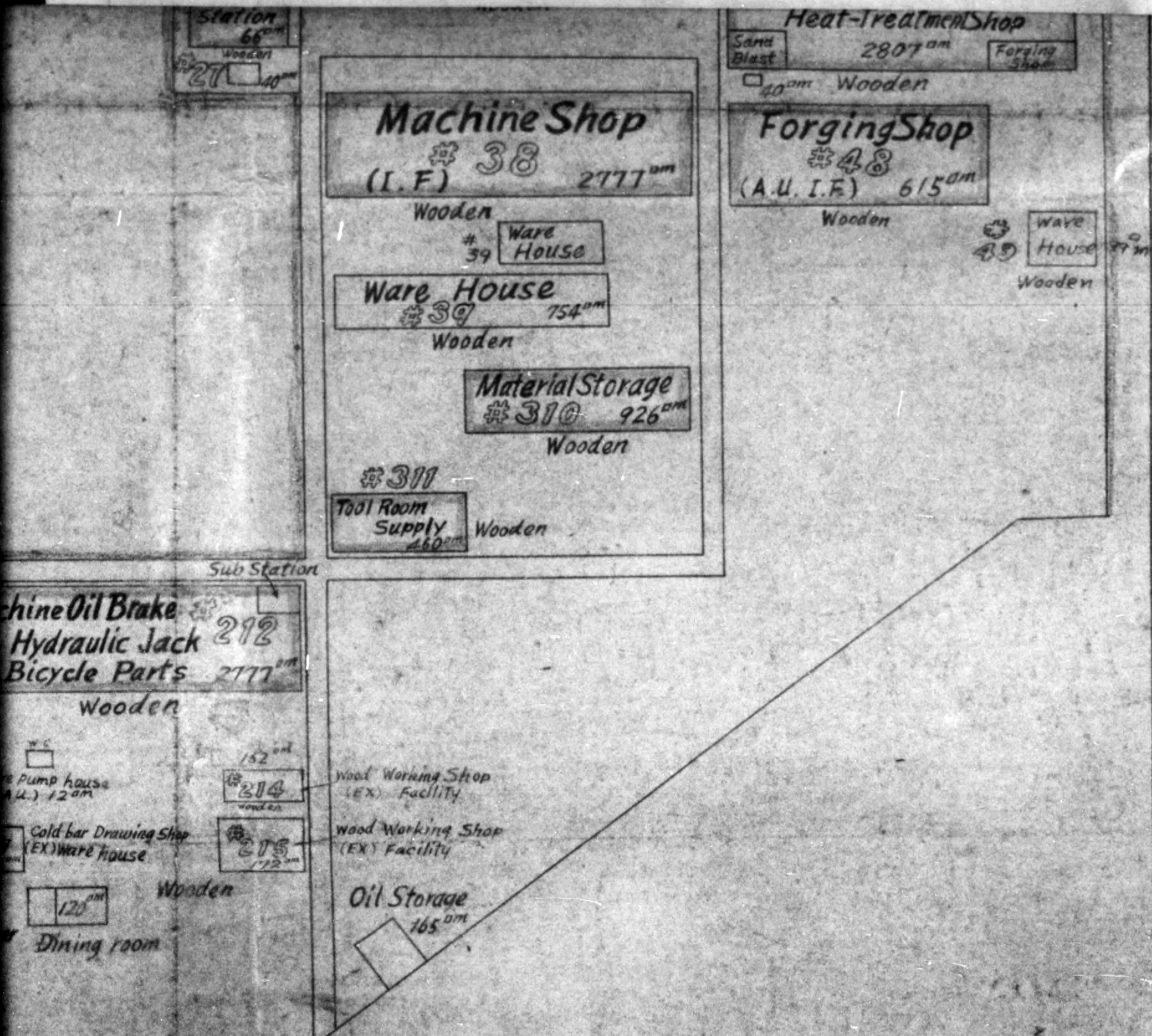
#216 Fire pump house (A.U.) 12 am	#214 Wooden
#217 Cold bar Drawing Shop (EX) Ware house 132 am	#215 112 am
Wooden	Wooden

Metal Plating Shop 3047 am	Machine Shop #114 (A.U. I.F.)	Enameling Shop (A.U. I.F.) (Bicycle)
Wooden	Sub Station	

WC
#218
120 am
Dining room

Parts Storage	Assembling Shop (A.U. I.F.) (Bicycle) #115 2777 am
Wooden	

Wooden



Kayaba Industry Co. Ltd.

Gifu Plant

505, Dota-Mura, Kani-Gun, Gifu-Prefecture

April 1948

File F1.3

*① File
3*

TELEPHONE ABSTRACT
TOKAI-HOKURIKU MILITARY
GOVERNMENT REGION

DATE 17 June 1949

TIME FROM TO SUBJECT ACTION TAKEN

1415 I Corps (Mr. Dresser) TIME (GMO)

1. The following advance information is passed for your guidance:
2. Information originally reported by Ishikawa from Japanese sources, to the effect that reparations maintenance in government facilities will be greatly modified on and after 1 July, is confirmed.
3. On and after 1 July no maintenance will be required for machinery in dead storage except where necessary to stop further deterioration.
4. All labor and clerical personnel employed for maintenance will be released (subject to the exception above).
5. Custodians and guards will remain.
6. The Finance Bureau has been instructed to dissolve maintenance contracts during June.
7. Letter instructions or an amendment to OD 21 (48) will come down from 8th Army.

EWB

GIFU PREFECTURAL GOVERNMENT

3
File F4.11
24
Feb. 23, 1949

24 Sho Extra

SUBJECT: Partly Finished Disjointing and Repair
of machines Damaged by Fire.

TO : Commanding Officer,
Gifu Military Government Team.

Dear Sir,

We should like to forward you the report on the
above subject submitted by the Gifu Plant, Kayaba Industry
Co. as the annexed sheet.

Yours truly,

Chiharu Yamamoto
Chiharu Yamamoto,
Chief of Comm. & Ind. Section.

GIFU PLANT KAYABA INDUSTRY

No. 505 Deta-mura Kani-Gun, Gifu Prefecture

Kayagi 24 No. 131

Feb. 19, 1949

SUBJECT: Partly Completed Disjointing and Repairing
Machines Damaged by Fire.

TO : Mr Kamon Muto,
Governor of Gifu Prefecture.

Dear Sir,

We should like to report you that we have partly completed the disassembling and repairing of the machines damaged by the fire as follows:

ACCOUNT

1. Machines completely disjointed as of Feb. 22 (3 ird Report): 6
Accummulated total: 21

^{*}Detailed Condition of Disassembling and Repairing of
Machines Damaged by fire as of Feb. 22, 1949

Code Number	Name of Machine	Date of Completion	Disjointing	Repair
✓ 09-11 789	Universal grinder	Feb. 21	Finished	Only motor is under repair
✓ " 790	"	"	Finished	Motor is under repair
✓ " 801	Vertical Type Milling machine	"	Finished	"
✓ " 806	"	Feb. 22	Finished	"
✓ " 807	"	"	Finished	"
✓ " 1018	Horizontal Type Milling Machine	"	Finished	"
Total	6			

GIFU PREF. N. R. P.
HEADQUARTERS

Mr Roseman
File #4.11
W

P. L. Case No. 38.

Feb. 17, 1949.

SUBJECT : Report.
TO : Commanding Officer, Gifu M. G. T.

Dear Sir,

As we received the following report from
Kani District Police Station, We should like to
report you the annexed paper.

Sincerely yours,

Masao Yamada
MASAO YAMADA

Gifu Pref. Police Troop
Commander.

Kani District Police Station.

Kei Hatsu NO.114

Feb. 8, 1949.

SUBJECT: Research of Origin of a Fire from the Kayaba
Reparation Plant.

TO : Commanding Officer,
Gifu Mil. Gov't. Team.

Dear Sir,

We should like to report you that we have confirmed after an investigation the origin of the fire which broke out from the wood-working plant of 213th plant, Kayaba reparation factory, Dota-mura Kani-gun on the evening of February 3 and burnt down the entire wood-working plant of 840 "tsubo" (Damages: Reparation Machinery 119, including the 9 slightly damaged machines, worth of 7,000,000 yen) was the leakage of electricity (Power 220 V.) installed here and in this connection we are now under the consultation with Tajimi Prosecutor's Office.

Yours truly,

Yukichi Kuroda

Chief of Kani District
Police Station.

Reason for the Confirmation that the Fire from the Kayaba Reparation Factory originated from the leakage of electricity due to moisture.

1. About 9:50 p.m. on Feb. 3, the night of the fire, a guard named Tetsumi Takagi witnessed during his patrolling the wood-working shop in 213th Plant was burning.
2. When Kakuo Maeda, guard, saw inside of the plant, breaking the glass of the wood-working plant with a view to pour water with the nozzle of a pump in his hand, the roof and near by windows were in flames. And he pured water on them.
3. The fire started from the place where electric line is installed. The roof of the plant has recently been leaky owing to its imperfection (According to the responsible person, Kikumi Umezu guard on duty it rained considerably hard at that night from around 7:40 to 9:00 p.m.
4. Shiro Okabe, responsible person of the switch-board of the plant made and ambiguous explanation for putting off the switch and according to Toru Sato, company employee attached to the chief of the plant, the main switch of the substation was put off and electricity of all the plant was suspended at at around 10:00 a.m. when a fire siren was sounded.
5. According to the statement of Kikumi Umezu, responsible person for the burnt Plant (No 213), at the wood-working plant fires had been handled with great care. There was only one iron-made charcoal brazier used in the place. The remaining ashes were thrown into the ditch behind the plant after the work was over (about 3:40 p.m.) The brazier was brought back to the former position and water was sprinkled around it. And an iron plate of 50 c.m. sq. was put on it as a cover and a bucket full of water was placed on the cover. The above fire preventing measures were done by Kiten Hasebe who was on duty on that day (We can certify this fact by inspecting the actual state).
Kikumi Umezu is regarded as most attentive in handling of a fire in the plant and he does not allow to smoke in the plant except the resting place and licks the door after the work is over without fail.
6. In Kayaba Factory approximately 530 employees are working and they have a labour union. Labor-management relation is going on smoothly. No communist activity is recognized. (Stated by Chief of the Factory, Masataro Tanaka, Chief of Preservation Section, Kazusaku Isaji and Chairman of Labor Union, Goo Yamashita).
7. Chairman, Goo Yamashita and committee-member, Kazuo Ito explained that on the day when the fire occurred they did not have any meeting except the 15 executive committee-men gathered at the headquarters of the Labour Union in the south of the 213th Plant from 2:30 p.m. to 7:30 p.m. to explain the new wage system decided on at the Tokyo Main Office.
8. The said 213th Plant is a wooden building with a space of 840 #tsubo" and has a board-roofing with ordinary Japanese tiles and the place from where the fire started was wooden and painted.

Mr Rosewar

GIFU PREF. GOVERNMENT

File F4.11
uu

24 Sho No. 398

Feb. , 1949

SUBJECT: Investigation of Fire of the Factory Designated for Reparation.

TO : Commanding Officer,
Gifu Military Gov't Team.

Sir,

We should like to report you concerning the fire of the Gifu Manufactory of the Kayaba Industrial Co., Ltd. designated for reparation as the annexed sheet.

Yours truly,

K. Muto

KAMON MUTO,
Governor, Gifu Pref.

SM/em

Investigation of the fire of the factory
designated for reparation.

1. Name of factory.
The Gifu Manufactory of the Kayaba Industrial Co., Ltd.
2. Address:
505, Tsuchida-mura, Kani-gun, Gifu Pref.
3. Person in charge of control.
Masataro Tanaka.
4. Date when fire broke out.
It the evening of Feb. 3, 1949.
5. Damage condition.
 1. Building completely destroyed (213th plant)
1 wooden one storied building.
Area: 840 "tsubo" (Wood-working plant, metallurgical tool plant, welding plant)
 2. Building partially destroyed.
2 wooden latrines:
Area: 16 "tsubo" (8 "tsubo" each).
 3. Damages of machines.
82 U machines.
31 of E. X (3 state-owned machines are included among them).
113 machines in all. 5 precision apparatuses of them were greatly damaged but others are expected to be used if they are mended.
6. Cause of fire.
It was decided by the Police Station concerned to be sought in short-circuit.
7. Disposal.
Damaged machines were collectively moved to the 35th plant at once and present workmen for metallurgical tool and conservative workmen were increased and repairing was started with all their might.
And about 3 months more are expected needful for the completion of the repair.

Rep Co.

HEADQUARTERS
GIFU MILITARY GOVERNMENT TEAM
APO 25, Unit 2 (Gifu, Honshu)

NA/RR/tt

OO:

23 February 1949

SUBJECT: Reparations Equipment Withdrawn from Authorized Use
Status

THRU: Commanding Officer
Tokai-Hokuriku Military Government Region
APO 710

TO: Commanding General
Eighth Army
APO 343

1. Reference: Paragraph 4f of Operational Directive 21, Hq. Eighth Army, dated 30 March 1948.

2. One-hundred sixty-two items of reparations equipment listed in Inclosure 1, located at Kayaba Sansyo Co., Ltd. (09-11), 505, Dotsu-mura, Kani-gun, Gifu Prefecture, have been removed from authorized use status and returned to storage.

FOR THE COMMANDING OFFICER:

SIDNEY T. NIXON
Major, Infantry
Adjutant

1 Inclosure
Reparations Equipment Withdrawn
from Authorized Use Status

775013

BASIC: Ltr. Hq Cifu Mil Govt Team, APO 25, dtd 23 Feb 49, Subj:
"Reparations Equipment Withdrawn from Authorized Use Status."

1st Ind

KBB/tk

Hq Tokai-Hokuriku Mil Govt Region, APO 710, 25 Feb 49

TO: Commanding General, I Corps, APO 301

1 Incl:
n/c

/s/t/ G. J. F.

AG 004 - BA

2nd Ind

MAR 1 1949

FFA/tn

Hq I Corps, APO 301.

TO: CG, Eighth Army, APO 343

WAF

MG
A

1 Incl:
n/c

CO	
EXEC	
ADM. G.	
ADM/ASST	
ASST. ADM.	
SUPPLY	
G. AFF	
G. & I.	
RES & IND.	
PROC	
CITE	
FJCP	1

File
F-4-20
4.11

LIST OF MACHINERY AND EQUIPMENTS

BURNT-OUT.

Date Burnt 3 February 1949

KAYABA INDUSTRY CO., LTD, GIFU PLANT.

NO. 505, DOTA-MURA, KANI-GUN, GIFU PREFECTURE

(N.E.) Signs in "Remarks" stand for as follow:-

M. ... Motor damaged and needs repairs (rewiring)

1. ... 1st class. (Damaged degree) Needs recondition only outside.

2. ... 2nd class. Needs recondition together with disassembling.

3. ... 3rd class. Needs 40% repairs.

4. ... 4th class. Needs recondition and repair mostly.

5. ... 5th class. Needs whole repair, disassembling, and recondition

REPAIRABLE
OVER 40%
REPAIRABLE
NOT REPAIRABLE
AS TO WHETHER OR NOT
REPAIRABLE

MACHINE TOOLS AND EQUIPMENT

INV. CODE NO.	ITEM	DEGREE OF DAMAGE
Inventory Code No.	Name of Machine	Remarks
09-11-5	EX Woods Welding $\frac{3}{4}$ " Band Saw Blade	M 5 3
09-11-12	U Induction Motor 11 HP	" M 5 3
09-11-24	EX (Wood) Circular Saw 10 HP Motor 11.1 M.D.	" M 5 3
09-11-1313	EX (Wood) Band Saw $\frac{3}{4}$ " (C.S.D)	" M 5 3
09-11-1314	EX (Wood) Band Saw $\frac{3}{4}$ " (C.S.D)	" M 5 3
09-11-1315	EX (Wood) Band Saw $\frac{3}{4}$ " (C.S.D)	" M 5 3
09-11-1316	EX (Wood) Band Saw $\frac{3}{4}$ " (11.1 M.D) 1 HP Motor	" M 5 3
09-11-1317	EX (Wood) Band Saw $\frac{3}{4}$ " (11.1 M.D) 1 HP Motor	" M 5 3
09-11-1319	EX (Wood) Circular Saw (11.1 M.D) 2 HP Motor	" M 5 3
09-11-1320	EX (Wood) Planing $\frac{3}{4}$ " (11.1 M.D) 3 HP Motor	" M 5 3
09-11-1325	EX (Wood) Plane Grinding $\frac{3}{4}$ " (C.S.D)	" M 5 3
09-11-1327	EX (Wood) Moulding $\frac{3}{4}$ " (C.S.D)	" M 5 3
09-11-1328	EX (Wood) Hand Planing $\frac{3}{4}$ " (11.1 M.D) 2 HP Motor	" M 5 3
09-11-1329	EX (Wood) Band Sawing $\frac{3}{4}$ " (11.1 M.D) 1 HP Motor	" M 5 3
09-11-1330	EX (Wood) Band Sawing $\frac{3}{4}$ " (11.1 M.D) 2 HP Motor	" M 5 3
09-11-1331	EX (Wood) Circular Sawing $\frac{3}{4}$ " (11.1 M.D) 1 HP Motor	" M 5 3
09-11-1332	EX (Wood) Pattern Lathe (C.S.D)	" M 5 3
09-11-1333	EX (Wood) Pattern Lathe (C.S.D)	" M 5 3
09-11-2390	EX (Wood) Circular Saw (11.1 M.D) 2 HP Motor	" M 5 3
09-11-2391	EX (Wood) Circular Saw (11.1 M.D) 2 HP Motor	" M 5 3
09-11-2392	EX (Wood) Circular Saw (11.1 M.D) 1 HP Motor	" M 5 3

EX 20
11

INCLOSURE I

Civil Property Section, GPO, GPO

TOTAL

22 ITEMS

(71 Pieces)

to which a large quantity of
 photographs and documents were
 turned over to the Civil Property
 Section on the 15th of August
 1945. The items were picked
 up by this headquarters and sent
 to the Civil Property Section, GPO, GPO.

WALTER T. NIXON
 Major, Infantry
 Commanding

~~Machine Shop~~

Inventory No.	Name of Machine	Remarks
09-11-198	U Grinding $\frac{3}{8}$ " External (I.M.D) $7\frac{1}{2}$ · $\frac{1}{2}$ · 1 Motor	M 2 2
09-11-212	U Slotter Vertical (I.M.D) 5HP Motor	M 5 3
09-11-216	U - do -	M 4 3
09-11-218	U Shaper Horizontal (I.M.D) 3HP Motor	M 3 2
09-11-338	U Lathe Engine (I.M.D) Bed Length 2050mm $7\frac{1}{2}$ HP Motor	M 5 3 M 5 3
09-11-339	U Lathe Engine (I.M.D) - do -	M 5 3
09-11-435	U Hydraulic Press 100 Ton (I.M.D) 25 HP Motor	M 5 3
09-11-440	U Mechanical Press Friction 200 Ton (I.M.D) $\frac{3}{4}$ HP Motor	M 1 1
09-11-442	U Mechanical Press Friction 200 Ton (I.M.D) 15 HP Motor	M 1 1
09-11-491	U - do -	M 1 1
09-11-477	U Lathe Engine (I.M.D) 5HP Motor Bed Length: 2510 mm	M 5 3
09-11-489	U Drilling $\frac{3}{8}$ " Bench (I.M.D) 1HP Motor	M 5 3
09-11-717	U Lathe Engine (I.M.D) $7\frac{1}{2}$ HP Motor Bed Length: 3660 mm	M 1 1
09-11-719	U - do -	M 5 3
09-11-722	U - do -	M 5 3
09-11-723	U Lathe Engine (I.M.D) $7\frac{1}{2}$HP Motor Bed Length	

U-15

Inventory No.	Name of Machine	Quantity
09-11-723 U	Lathe Engine (L.M.D.) Bed length: 20ft 1/2 HP Motor	M 4 3
09-11-724 U	Lathe Engine (L.M.D.) - do -	M 5 3
09-11-726 U	- do - - do -	M 5 3
09-11-722 U	Lathe Engine (L.M.D.) Bed length: 2040. 1/2 HP Motor	M 5 3
09-11-732 U	Lathe Engine (L.M.D.) Bed length: 2160. 1/2 HP Motor	M 1 1
09-11-733 U	Lathe Engine (L.M.D.) Bed length: 2160. 1/2 HP Motor	M 1 1
09-11-754 EX	Lathe Toolroom (L.M.D.) Bed length 12ft. 2 HP Motor	M 3 State-owned ^{1/2}
09-11-729 U	Grinder Universal Tool 1 HP Motor	M 5 3
09-11-790 U	- do -	M 5 3
09-11-792 U	Grinder External (L.M.D.) 1/2 HP Motor	M 5 3
09-11-793 U	Grinder External (L.M.D.) 1/2 HP Motor	M 5 3
09-11-794 U	Shaper Horizontal (L.M.D.) 1 HP Motor	M 5 3
09-11-795 U	- do -	M 3 2
09-11-797 U	- do -	M 3 2
09-11-801 U	Milling 1/2 Vertical knee 5 HP Motor	M 2 2
09-11-802 U	Milling 1/2 Horizontal knee 5 HP Motor	(M) 1 1

Inventory No.	Name of Machine	Remarks
09-11-803	U Milling ^{3/4} Horizontal (I.M.D) 5HP Motor	M 3 2
09-11-804	U - do -	M 2 2
09-11-806	U Milling ^{3/4} Vertical (I.M.D) 5HP Motor	M 4 3
09-11-807	U - do -	M 5 3
09-11-810	U Drilling ^{3/4} Radial (I.M.D) 3HP Motor	M 3 2
09-11-815	U Boring ^{3/4} Horizontal (I.M.D) 10HP Motor	M 5 3
09-11-819	U Drilling ^{3/4} Bench (I.M.D) 1HP Motor	M 5 3
09-11-823	U Broaching ^{3/4} (I.M.D) 2HP Motor	M 5 3
09-11-878	U Lathe Bench (C.S.D)	5 3
09-11-943	EX Electric Furnace 15 KVA	State-owned EQUIP. 5 3
09-11-946	U Air Compressor (I.M.D) 1HP Motor	M 5 3
09-11-977	U - do -	M 3 2
09-11-980	U Air Compressor (I.M.D) 3HP Motor	M 1 1
09-11-984	U Drilling ^{3/4} Radial (I.M.D) 9 1/2 HP Motor	M 3 2
09-11-1017	U Milling ^{3/4} Vertical (I.M.D) 10HP Motor	? 2 2
09-11-1018	U - do -	?
09-11-1018	U Milling ^{3/4} Horizontal (I.M.D) 15HP Motor	? 2 2 M 5 3
09-11-1026	U Grinding ^{3/4} External (I.M.D) 3.2 1/2 HP Motor	

U=16
EX=1

Inventory No	Name of Machine	Remarks
09-11-1034	U Planer (L.M.D) 10HP Motor	M 5 3
09-11-1037	U Grinder Surface (L.M.D) 10.1 1/2 HP Motor	3 2
09-11-1038	U Grinder (external (L.M.D) 1 1/2 HP Motor	M 5 3
09-11-1042	U Grinder Stand & Snagging 1HP Motor	M 5 3
09-11-1043	U Lathe Engine (L.M.D) 2HP Motor Bed Length: 1230 mm	M 5 3
09-11-1046	U Drilling m/c Bench	
09-11-1250	U Lathe Engine (L.M.D) 1HP Motor Bed Length: 3660 mm	M 1 1
09-11-1252	U Grinder Stand & Snagging 1HP Motor	M 5 3
09-11-1257	U -do-	M 5 3
09-11-1419	EX Lathe Engine (L.M.D) 2HP Motor	state ahead m/c 3
09-11-1449	EX Grinder Stand & Snagging (C.S.D)	M 5 3
09-11-1492	U Hand Lift	1 1
09-11-1494	U -do-	1 1
09-11-1489	EX Drawing m/c (L.M.D) 7 1/2 HP Motor	M 1 1
09-11-1494	EX Grinder Stand & Snagging	M 5 3
09-11-1495	EX Line Shafting	M 3 2
09-11-1496	EX Surface Plate Induction Motor 5HP	5 3
09-11-1452	U Surface Plate	2 2

5

U-12
EX-1

Inventory No.	Name of Machine	Remarks
09-11-1585 U	Surface Plate	2 2
09-11-1586 U	Surface Plate	2 2
09-11-1588 U	- do -	2 2
09-11-1583 U	- do -	2 2
09-11-1579 U	- do -	2 2
09-11-1771 EX	Filing ^{1/4} (I.M.D) 2HP Motor	M. 5 3
09-11-1850 EX	Rolling Mill	M. 2 2
		EX-2 U-t
<u>4th 212 Machine Shop.</u>		
09-11-537 U	Centrifugal Separator ^{3 HP} Motor	UNDETERMINED
09-11-540 U	Centrifugal Separator ^{5 HP} Motor	"
09-11-1247 U	- do - ^{2 HP} Motor	"
		U-t
		EX-2

Serial No.	Description	Rating	Remarks
09-11-392 u	Welding % Electric Arc	16 kVA	5 3
09-11-399 u	Flash Butt Welding %	150 kVA	2 2
09-11-406 u	- do -	50 kVA	5 3
09-11-411 u	- do -	100 kVA	5 3
09-11-412 u	Transformer	400 kVA	Light 1 1
09-11-413 u	- do -	"	Light 1 1
09-11-414 u	- do -	"	5 3
09-11-1711 u	Switch Board		
09-11-1460 EX	Flash Butt Welding %	50 kVA	2 2
09-11-407 u	Welding %	50 kVA	5 3
09-11-409 u	- do -		5 3
09-11-410 u	- do -		5 3
09-11-412 u	- do -		5 3
09-11-413 u	- do -		2 2
09-11-416 u	- do -		5 3
09-11-418 u	- do -		5 3

11-15 EX 1

~~Total~~
 Machines in Authorized Use ~~79~~ 82 ok
 Machines in "EX" ~~31~~ 31 ok
 Total ~~110~~ 113 ok
 Accessory parts 22 items plus 70

TOTAL:
 AUTHORIZED USE - 82
 EXEMPT - 31

 113

SUPPLIES AND ACCESSORIES

INVI Code No. ITEM DEGREE OF DAMAGE
~~4. Supplies, Accessory & Equipment~~

Inventory No.	Name of Supply, Accessory or Equip.	Quantity	Remarks
09-11-2213	✓ Small Surface plate Cast Iron (L) 220 x (W) 915 x (H) 150 mm	1 pc	2 2
09-11-2214			
09-11-2214	✓ Small Surface plate Cast Iron (L) 610 x (W) 610 x (H) 100 mm	1 pc	2 2
09-11-2215	✓ Small Surface plate Cast Iron (L) 610 x (W) 610 x (H) 90 mm	1 pc	2 2
09-11-2216	✓ Small Surface plate Cast Iron (L) 610 x (W) 450 x (H) 90 mm	1 pc	2 2
09-11-2217	✓ Small Surface plate Cast Iron (L) 610 x (W) 305 x (H) 90 mm	2 pcs	2 2
09-11-2218	✓ Small Surface plate Cast Iron (L) 610 x (W) 305 x (H) 75 mm	1 pc	2 2
09-11-2219	✓ Small Surface plate Cast Iron (L) 610 x (W) 305 x (H) 75 mm	1 pc	2 2
09-11-2220	✓ Anvil Size 680 x 110 x 290 mm	1 pc	2 2
09-11-2221	✓ Swage Block; 330 x 330 x 115 mm	1 pc	1 1
09-11-2222	✓ Bench Vice; Size 4"	2 pcs	2 2
09-11-2223	✓ Bench Vice; Size 5"	2 "	2 2
09-11-2224	✓ Bench Vice; Size 6 1/4"	9 "	2 2
09-11-2225	✓ Bench Vice; Size 6 1/2"	1 pc	2 2
09-11-2226	✓ Angle plate; (L) 100 x (W) 100 x (H) 25 mm	3 pcs	2 2
09-11-2227	✓ Chuck; Size 129 ~ 356 mm Dia	9 "	1 1
09-11-2228	✓ Inclined Table Table Area: (1203 x 254 mm) (254 x 254 mm)	1 pc	3 2
09-11-2229	✓ Dividing Head	2 pcs	4 3
09-11-2230	✓ Grinding Head	2 "	1 1
09-11-2231-1	✓ Gear pump	2 "	1 1
09-11-2232	✓ Drill chuck	6 "	1 1
09-11-2233	✓ Lathe Dog	19 "	1 1
09-11-2234	✓ Small Surface plate (L) 450 x (W) 330 x (H) 100 mm	3 "	2 2

ENCLOSURE 2

22 Items
71 pcs

File
F4.11

KAYABA INDUSTRY CO. LTD., GIFU PLANT
NO. 505, DOTA-MURA, KANI-GUN, GIFU PREFECTURE

Date: 20 December 1948Subject: A Report to Mark 09-11-1909 on Former
Machine SP-09-11-973.

Submit to: Gifu Military Government Team.

Through: Commerce and Industry Section.
Gifu Prefectural Government.

1. Reference will be made to Gifu M.G. permission, dated 22 October 1948, "Permission to utilize scraps from Former Machine SP-09-11-973 for construction of Shock Absorber Testing Machine."
2. A report will be made hereby to mark a new code No. 09-11-1909 on this machine and "EX" also be painted on it and a tag attached to the machine stating that the materials in its construction were those formerly part of Special Purpose Machine 09-11-973.

for Kayaba Industry Co., Ltd., Gifu Plant.

(Signed): Masataro Tanaka(Title): Plant Custodian & Manager

FILE:

F 4.11

APPLICATION FOR MOVAL AND RETURN
TO THE OWNER OF WOOD-WORKING MACHINES

Subject: Application for a Permit of moval
of Wood-working machines.

Submit to: Gifu Military Government Team.

Through: Commerce & Industry Section,
Gifu Prefectural Government.

Industrial Category: Aircraft Industry.

Name of Plant: Kayaba Industry Co., Ltd.,
Gifu Plant.

Plant Location: No. 505, Dota-mura, Kani-gun,
Gifu Prefecture.

1. Wood-working machines to be moved:

<u>Code Number</u>	<u>Name of machine</u>
09-11-1321 EX	Band Saw Sharpening machine
09-11-1322 EX	Band Saw Sharpening machine

2. Name of Companies to be moved from and to:

These machines are to be moved from Kayaba Industry Co., Ltd., Gifu Plant, No. 505, Dota-mura, Kani-gun, Gifu-ken.
to Dai-nihon Doboku Kabushiki Kaisha, (Dai-nihon Construction Co., Ltd.) No. 5, Nagazumicho 2-chome, Gifu City.

3. Reasons.

As per military Government directives dated 31st August, 1946, it is understood that "Wood-working machines" are to be exempted from reparations program.

Those Two (2) machines are in contract of returning with your approval to the owner, Dai-nihon Doboku. K.K., from whom we had borrowed under the conditions of "To Return After Wood-working Machines obtained from Other Proper Sources."

for Kayaba Industry Co., Ltd., Gifu Plant.

Signature:

Masataka
Masataro Tanaka.

Title: Manager and Custodian

Approved 23 Aug 48

Wesley S. Carter
Gifu Log Team.

File
F 4.11

SUBJECT: Application for Approval of "Authorized Use"
in Office Furnitures and Equipments for Plant
Evaluation

TO : Operations Section,
Gifu Military Government Team

THROUGH: Industry and Commerce Section,
Gifu Prefectural Government

FROM : Kayaba Industry Co., Ltd., Gifu Plant. (09-11)
No. 505, Dots-mura, Kanigun, Gifu Prefecture.

DATE : 30 May 1948

KAYABA INDUSTRY CO., LTD., Gifu PLANT
No. 505, Dots-mura, Kani-gun, Gifu Prefecture

30 May 1948

SUBJECT: Application for Approval of "Authorized Use"
in Office Furniture and Equipments for Plant
Evaluation.

TO : Reparations Section,
Gifu Military Government Team

THROUGH: Industry and Commerce Section,
Gifu Prefectural Government.

1. References will be made to Instructions, dated 17 Feb 1948, SH, Reparations Section, Subject, "Evaluation Procedure, Paragraph 2, D. Authorized Use", and Subject, "Supplemental Instructions and Corrections to Evaluation Procedure", dated 4, 11, 15, March 1948.

2. An application will be made to be authorized to use Office Furnitures and Equipments as an item of "Authorized Use" as per the list attached, which are needed for production of bicycles and other essential civilian commodities permitted by Sixth Army Headquarters, MG 343.

3. Reasons and Remarks why to apply.

It is instructed to make evaluation on all the items that we are keeping as assets for maintenance and production in this plant, including office furnitures and equipments. Attached is the list of this kind. And we hereby apply for your approval to make entry as an item of "Office Furnitures and Equipments in Authorized Use".

a. Available is defined as Office Furnitures and Equipments to be entered on Summary Sheet, I. Available Equipments, B. Miscellaneous Equipments Section, C. Office Furniture and Equipment. Number of Available Equipments is 529.

b. Authorized Use is defined as Office

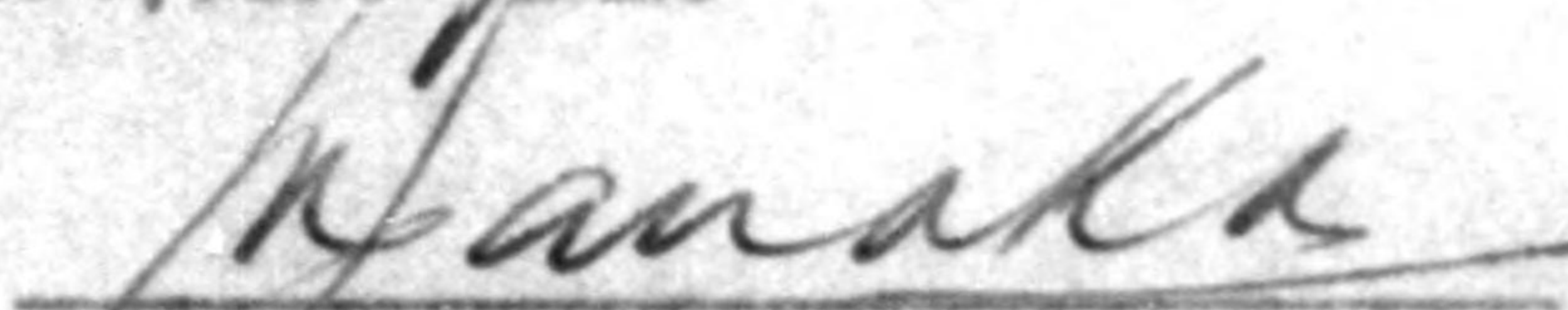
2. An application will be made to be authorized to use Office Furnitures and Equipments as an item of "Authorized Use" as per the list attached, which are needed for production of bicycles and other essential civilian commodities permitted by Sixth Army Headquarters, MG 343.

3. Reasons and Remarks why to apply.

It is instructed to make evaluation on all the items that we are keeping as assets for maintenance and production in this plant, including office furnitures and equipments. Attached is the list of this kind. And we hereby apply for your approval to make entry as an item of "Office Furnitures and Equipments in Authorized Use".

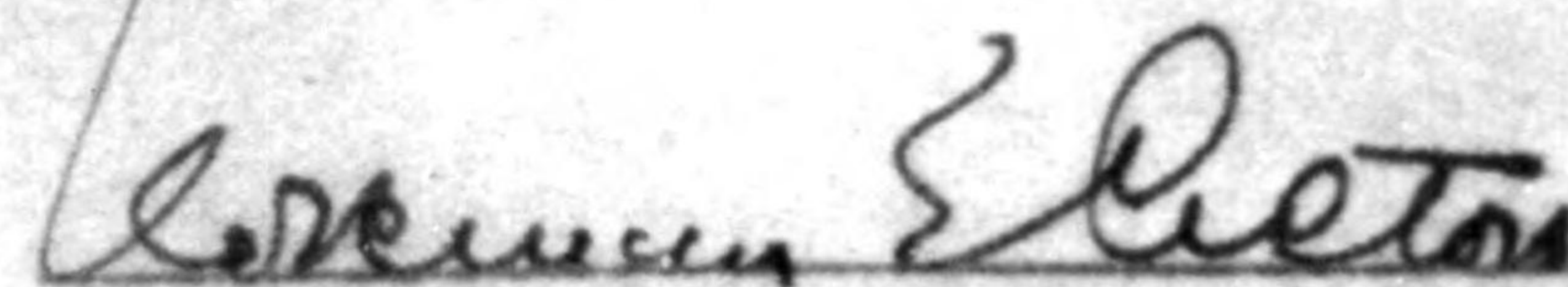
- a. Available is defined as Office Furnitures and Equipments to be entered on Summary Sheet, I. Available Equipments, B. Miscellaneous Equipments Section, C. Office Furniture and Equipment. Number of Available Equipments is 529.
- b. Authorized Use is defined as Office Furnitures and Equipments to be entered on Summary Sheet, V. Total Others, K. Office Furnitures and Equipments in Authorized Use. Number of Authorized Use is 3138.

FOR KAYABA INDUSTRY CO., LTD., GIFU PLANT



MASATARO TANAKA
(Manager and Custodian)

An Authorization Approved by This Gifu MG Team
For "Available" and "Authorized Use" on Office
Furnitures and Equipments as per the list
attached.


Gifu Military Government Team

1. Incls: List of Office Furniture and Equipment.

18 June 48

/MS

LIST OF OFFICE FURNITURES AND EQUIPMENTS

(As of 30 May 1948)

Name of Furniture	Quantity	Available	Authorized Use
Typewriter, English, (Underwood)	1	0	1
Typewriter, Japanese	9	0	9
Telephone equipment (Receiver)	47	0	47
Balance	19	3	16
Glass-closet, 3' (small size)	68	0	68
Glass-closet, 6' (big size)	11	0	11
Closet, Special	1	0	1
Closet	4	0	4
Tool closet	65	0	65
Blueprint Case	42	3	39
Book Case (File)	160	0	160
Glass-case	5	0	5
Glass-window Case	4	0	4
Desk, Ordinal.	259	54	205
Desk, with both side drawers	42	0	42
Desk, with one side drawers	25	0	25
Typewriter Desk	6	0	6
Side desk	48	10	38
Dining Table	69	21	48
Drawing-table	30	0	30
Revolving chair	72	0	72

Glass-case	5	0	5
Glass-window Case	4	0	4
Desk, Ordinal.	259	54	205
Desk, with both side drawers	42	0	42
Desk, with one side drawers	25	0	25
Typewriter Desk	6	0	6
Side desk	48	10	38
Dining Table	69	21	48
Drawing-table	30	0	30
Revolving Chair	72	0	72
Cane-Chair	8	0	8
Mirror	5	1	4
Barber-Chair	2	0	2
Towel Steamer	1	0	1
Slips Cabinet	37	20	17
Drawing-Board	43	10	33
Black-board	77	6	71
Dressing-locker	147	7	140
Screen	19	0	19
Set of Reception-room furniture (Chair & Table)	2	0	2
Fire-tank	13	0	13
(Carried Forward)	1346	135	1211

Name of Furniture	Quantity	Available	Authorized Use
(Brought forward)	1346	135	1211
Ping-pong Table	9	5	4
Tool Case, Iron Sheet.	8	0	8
Tools & finished Parts Case	190	0	190
Bathe Tub	1	0	1
Bath Furnace	1	0	1
Tool Shelf	126	16	110
Work Bench	114	10	104
Clock	15	0	15
Electric Battery Clock	15	15	0
Stove	41	0	41
Bicycle	19	0	19
Hydraulic Jack	6	0	6
Kettle	10	0	10
5-tubes, Radio Receiving set	1	0	1
Round Table	13	0	13
Accounting machine	3	0	3
Numbering machine	5	0	5
Bill Figure Printer (Check Protector)	3	0	3
Time Recorder	5	0	5

Stove	41	0	41
Bicycle	19	0	19
Hydraulic Jack	6	0	6
Kettle	10	0	10
5-tubes, Radio Receiving set	1	0	1
Round Table	13	0	13
Accounting machine	3	0	3
Numbering machine	5	0	5
Bill Figure Printer (Check Protector)	3	0	3
Time Recorder	5	0	5
Safe	3	0	3
Portable Wash-box	9	2	7
Mattress and Quilt	50	0	50
Mosquito-net	12	0	12
Tent	2	0	2
Table-cloth	4	0	4
Document File Cabinet	74	5	69
Work-stand	251	100	151
Tool-case with drawers	22	0	22
Finished-parts Shelf	120	0	120
Chair	193	0	193
Folding Chair	63	0	63

(Carried Forward)

2734

288

2446

Name of Furniture	Quantity	Available	Authorized Use
(Brought Forward)	2734	288	2446
Worker Seat	147	0	147
Notice-board	2	0	2
Scullery Stand	4	0	4
Time-card Rack	38	0	38
Fire-bucket	85	0	85
Stool	94	0	94
Frame Stand (Bicycle)	47	0	47
Dresser	5	2	3
Steel Locker	5	0	5
Seat	2	0	2
Glass-case (Show-window)	1	1	0
Material Shelf	25	0	25
Rubber-chop Case	38	50	38
Vice-stand	18	10	8
Book-stand	150	100	50
Flower-Vase	10	10	0
Paper Cutter	6	0	6
Hand-truck	6	0	6
Hand-cart	7	0	7

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

Seat	2	0	0
Glass-case (Show-window)	1	1	0
Material Shelf	25	0	25
Rubber-chop Case	88	50	38
Vice-stand	18	10	8
Book-stand	150	100	50
Flower-Vase	10	10	0
Paper Cutter	6	0	6
Hand-truck	6	0	6
Hand-cart	7	0	7
Rear-car	3	3	0
Drum-can, 18 Litters	100	40	60
Drum-can, 180 Litters	50	15	35
Fire-extinguisher	40	10	30
T o t a l	3667	529	3138

REPARATIONS SURVEY

File
F4.11
wa

1. Name of Plant - KAYABA INDUSTRIAL COMPANY (09-11)
 Address: Dota-mura, Kani-gun
 Custodian: Mr. Masataro Tanaka
2. A. Under custody in compliance with SCAPIN 1219.
 B. 1. Total number of machines in plant: 1376
 2. Number of machines in authorized use: - 488
 3. Total in use to repair stored machines: 3
 4. " " " " " authorized use machines: 8
 5. Exempted machines - 26
 6. Looted " - none.
3. Custody
 A. 30 guards working on shifts 24 hours a day.
 B. Fire protection measures, satisfactory.
 C. No unreleased raw material.
 D. No additional buildings eligible for release.
 E. Some land and buildings released 8 Mar 48 by written order of Lt. Col. Seitz.
 F. No dispersed machines.
4. Maintenance
 A. SCAPIN 1219 is being complied with.
 B. There are 34 Class III machines which are being cannibalized to repair other machines.
 C. Protective maintenance being performed by crew of 35 workers. Stored machines in excellent condition.
5. Operation and Use
 A. Copy of Conversion permit attached.
 B. List of other plants which depend on production of Kayaba Ind. Company attached.
 C. Production: bicycles - 3,000 per month.
 Ten ten hydraulic jacks - 200 per month.
 D. All machines now in use deemed necessary for production.
6. Inventory and Marking.
 A. 1. List of equipment in authorized use on file.
 2. No machines identified as looted.
 3. Special Purpose machines (destroyed):
 09-11-39
 09-11-40
 09-11-973

Reparations Survey Kayaba Industrial Co., II

- 4. List of exempted machines, by number, on file.
 - B. All machines properly marked?
 - C. Other equipment in authorized use in records of plant.
7. Evaluation in process at present.
8. Destruction of S.P. machines completed - None eligible for reclassification to General Purpose.
9. No other problems or recommendations not already covered.

Inspected 21 May 1948 by 1st Lt. Houseworth and Sgt. Evett.

Subcontract Plants and Manufactures

<u>Name</u>	<u>Location</u>	<u>Specifics</u>	<u>Items</u>
Wachi Metallic K.K. Industry	Wachi-mura, Kamo-gun, Gifu-ken.	Bicycles; Oil pressure jacks.	Handle parts; Lever units; Packings (5 kinds)
Horie Metallic K.K.	Sanjo, Okashi- cho, Nakajima-gun, Aichi-ken	" "	Lamp pegs; Levers; Head
Fuji Plating Plant.	Akubi-mura, Chita-gun, Aichi-ken.	Bicycle	Plating of gear cranks.
Yutaka Plating Plant.	4-chome, Biwaya- cho, Nishi-ku, Nagoya-shi.	"	"
Toa Metallic Ind. K.K.	A-1220 Seki-machi, Mugi-gun, Gifu-ken.	"	"
Nishikawa Manufactory.	Suga, Yaotou- cho, Kamo-gun, Gifu-ken.	Oil pressure jacks.	Small screws; Exhausting valves;
Mino Precision Machine manufactory.	250 Mino-machi, Mugi-gun, Gifu-ken.	Bicycles	Head press units.
Nagamura Iron Works.	Imagasa, Kagami- mura, Ichida-gun, Gifu-ken.	"	Head upper ball press units.

2.

Chihara Manufacturing	2, 1-chome, Waka-dori, Minami-ku, Nagoya-shi.	Bicyclo; Oil pressure	Hanger ball disko; Head peas ball; pumps barrells; Packing tightening metals.
Watanabe Manufacturing	Kasai, Furui-cho, Kamo-gun, Gifu-ken.	"	Crank shafts, Inner & Outer barrell adjusting screws.
Maeda Iron Works	Mitabora, Iwano-mura, Yamagata-gun, Gifu-ken.	"	"
Hashino Shoten Fukiage Plant.	1-chome, Fukiage-cho, Gifu-shi	"	Seat posts, Pump barrells.

PERMIT FOR RECONVERSION

From War Production and For Resumption
of Production of Essential Civilian
Commodities

Granted

By Headquarters Sixth Army H. Q. Sec.

AFC 442

26 December 1945

KAYABA INDUSTRY CO., LTD., Gifu Plant
No. 505, KOTA-MURA, KANI-CUN, Gifu Prefecture.

HEADQUARTERS SIXTH ARMY
Military Government Section

File: MG 343

APO 442

Date: 26 December 1945

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

TO : Kayaba Industry Co., Ltd., Sifu Factory.
(Name and address of Firm)
No. 505, Doba-mura, Mami-gun, Sifu-ken

1. In accordance with the provisions of paragraphs 3 a and 3 b of Directive No. 3 from the Supreme Commander for the Allied Powers, dated 22 September 1945; Memorandum for the Imperial Japanese Government, Subject: Reconversion of War Production Plants to Peacetime Production, dated 28 October 1945; and under authority granted this Headquarters by CINCPAC Radio RMX 6197 dated 3 October 1945, you are authorized to commence operation of your plant, and to manufacture the essential civilian commodities listed in Annex No. 1 to this permit.

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

3. At the end of the first month of operation, and at the end of each three-month period thereafter, until notified to the contrary by this Headquarters a report will be made to the Commanding General I Corps, Headquarters Osaka, Attention: Military Government Section. This report will be written in English and will list each item, by name, type, and quantity produced by each factory, subsidiary, or sub-contractor operating under the provisions of this permit. This report will be delivered to Corps Headquarters not later than fifteen (15) days after the conclusion of the period to which the report pertains.

GEORGE D. SEARS
Colonel, Infantry
Military Government Officer

Info Copies To:

GHQ, SCAP (Attn: E. & S. Sec.)
CG I Corps. (Attn: MG Sec.)
Imperial Japanese Government
(6th Army Jap. Liaison Office, Kyoto)

1 Incl: Annex No. 1

HEADQUARTERS SIXTH ARMY
Military Government Section
APO 442

26 December 1945

ANNEX NO. 1

Permission is granted to Kayaba Industry Co., Ltd., Gifu Factory, No. 505, Detsu-mura, Kani-gun, Gifu-ken to produce the following items listed below:

- a. Agricultural machinery and implements
- b. Pumps.
- c. Farm engines.
- d. Marine engines for fishing boats.
- e. Electrical machinery including rock drills, electrica drills, portable electric grinders.
- f. Electric buffers.
- g. Manufacture and repair of vehicles.
- h. Civil engineering machinery.
- i. Concrete makers.
- j. Jack-hammers.
- k. Trolley cars.
- l. Wrenches.
- m. Crushers.
- n. Bicycles.
- o. Baseball bats.
- p. Skis.

(Nothing Follows)

D. S. Lockie

Capt. P. D.

File
F2
Lca

KAYABA INDUSTRY CO. LTD.,
GIFU PLANT
No.505, Dots-mura, Kani-gun, Gifu-ken

1 April 1948

SUBJECT: Application for Authorization
of "Using Machinery"

TO : Mr. Norman E. Acton,
Gifu M.G. Team, Economic Section

THROUGH: Gifu Prefectural Liaison Committee

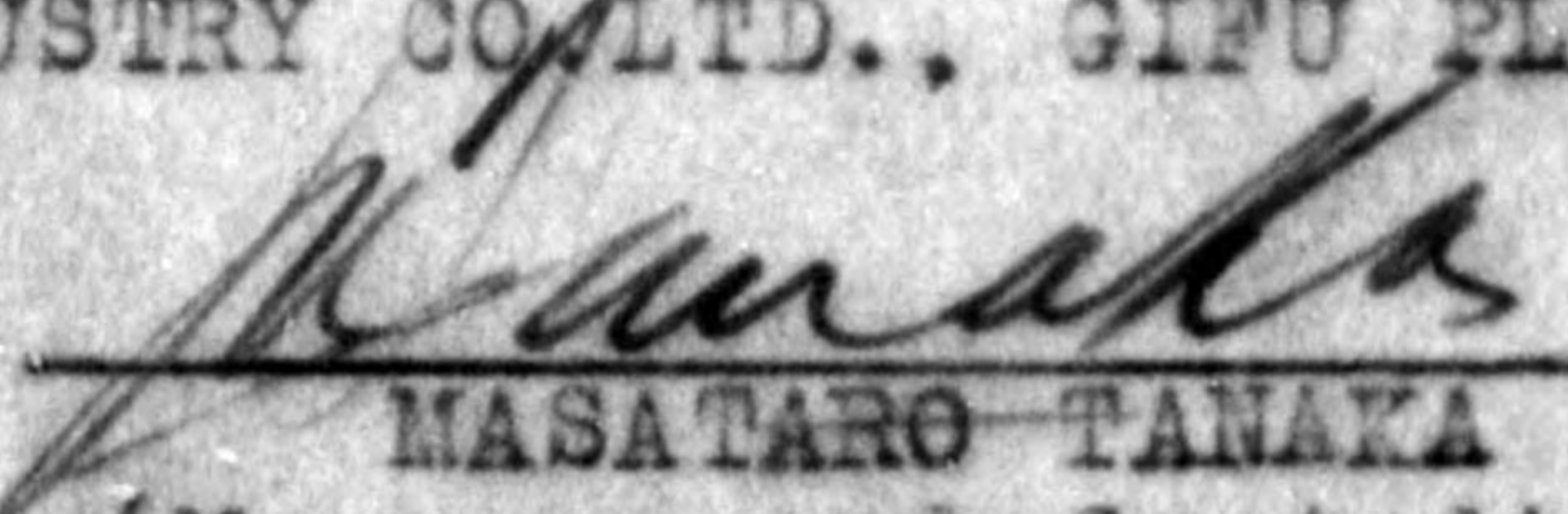
1. References will be made to Kayaba Application, dated 25 Feb 1948, Subject; "Application for Using the Reparations Machinery for Manufacture of Essential Civilian Commodities."

2. Four hundred eighty-eight (488) machinery and equipments were applied for your authorization to "U" as per the list attached. Authorization was made to mark "U" on every machine by verbal instructions from Sgt. Evett of Gifu M.G. Team.

3. In connection with "Evaluation" an authorization in writing seems to be needed as a proof for GHQ Evaluation Committee's inspections.

4. Enclosed is the list of "Using Machines" for your authorization to put your signature on it for a proof.

FOR KAYABA INDUSTRY CO. LTD., GIFU PLANT


MASATARO TANAKA
(Manager and Custodian)

"AUTHORIZED USE" approved on
488 machines as per list attached


Gifu Military Gov't Team

signed 9 Apr 48

1 Incl. Application List of Machinery and
Equipments in Use.

KAYABA INDUSTRY CO., LTD.,
GIFU PLANT
No.505, Dota-mura, Kani-gun, Gifu-ken.

25 February 1948

Subject: Application for Using the
Reparations Machinery for
Manufacture of Essential
Civilian Commodities.

To : Mr. Norman E. Acton,
Gifu M.G. Team, Economic Section.

Through: Liaison Section,
Gifu Prefectural Government.

1. Name of Plant:
Kayaba Industry Co., Ltd., Gifu Plant.
2. Location:
No.505, Dota-mura, Kani-gun, Gifu Pref.
3. Number of Machinery Desired for Using:
(488)
4. Description of Machinery Desired for Using:
For the manufacture of the following items
as the essential civilian commodities as per
the reconversion permit granted by Six Army.
 - a. Bicycles including main parts and speed-changer.
 - b. Agricultural machinery including motor-driven
sprayer.
 - c. Civil engineering machinery including railway
pusher, compressor, and all kinds of jacks.
 - d. Farm engines.
 - e. Automobile parts.

5. Remarks:

a) On 23rd October 1946, we submitted the first application plan of partial exemption of machinery in which 479 machines applied by reason of necessary for the manufacture of all kinds of bicycle parts, aimed at 10,000 sets monthly, and other essential civilian commodities.

As to 479 machines, there included 9 wood-working machines and excluded 26 machines (which were marked "EX" by order of Sgt. Simpson of Gifu M.G. Team). We understand that those 26 machines had already been exempted and not necessary to be applied for release.

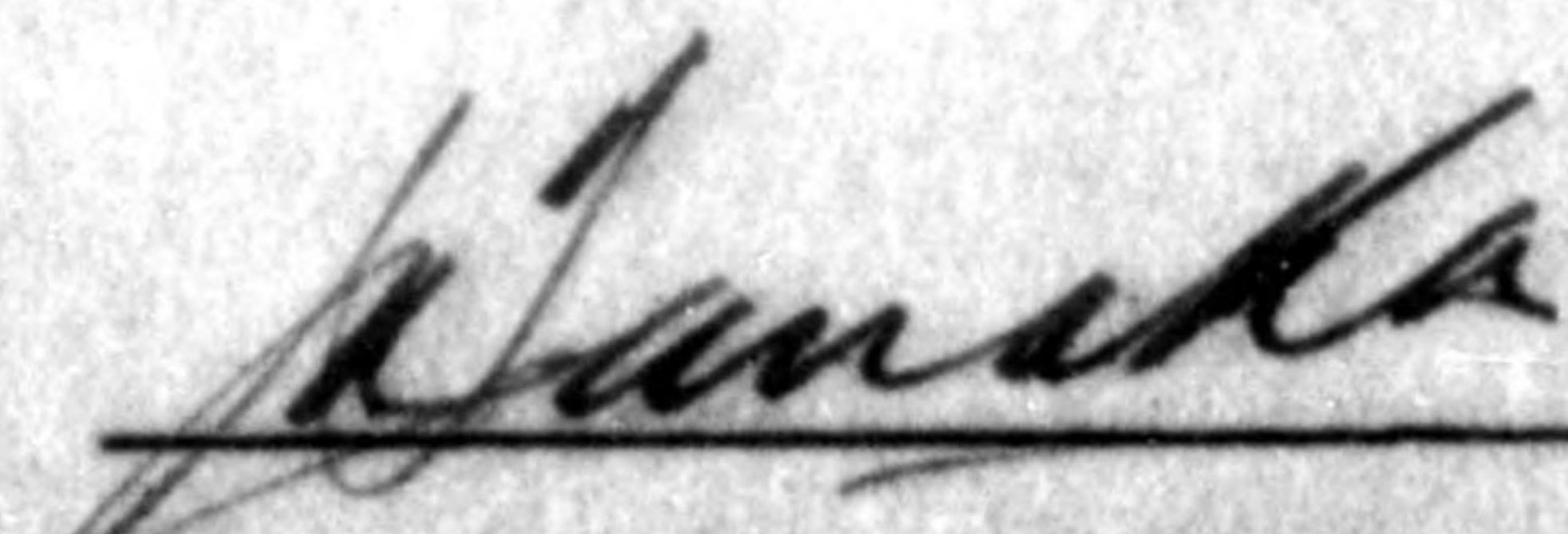
b) With changed situations and lot of engineering experiences through one year passed after this application submitted, we came to realize that the making of the small bicycle parts by ourselves won't make any profits at all than purchasing or sub-contracting those parts with outside makers.

Therefore this time some changes will be made on the former plan to use friction press, hydraulic press, air-hammer, flush but welder, large transformers, and external grinding machines.

I wish hereby you will kindly extend some favorable considerations on this application for using those 488 machines for the manufacture of bicycles and other civilian commodities as per the list attached.

Signature:

Title:



Manager & Custodian
for Kayaba Ind. Co., Ltd.

LIST OF MACHINERY AND EQUIPMENTS IN "USE"

Code No.	Name of Machine	% of Time in Use	Products and Use	Remarks
09-11-01	20 KW Transformer, 1-phase	100	Bicycle, Power	
09-11-02	20 KW " "	100	" "	
09-11-08	5 Hp. Motor	20	Jacks. "	
09-11-09	7½ HP. Motor	100	Bicycle, Press	
09-11-10	Centerifugal pump	100	Drain	
09-11-12	10 HP. Motor	50	Bicycle. Packing	
09-11-15	10 HP. Motor	80	Gear of Bicycle, Press	
09-11-16	400 KW. Transformer, 1-phase	100	Power trans.	
09-11-17	400 KW. " "	100	" "	
09-11-18	400 KW. " "	100	" "	
09-11-30	5 HP. Motor	100	Jacks. Compressor	
09-11-33	Electric resistance furnace	50	Jacks, Heat-treatment	
09-11-36	Hardness tester(Rockwell)	100	" "	
09-11-38	Hardness tester(")	100	" "	
09-11-43	Milling mach. Horizontal	100	Jacks.	
09-11-47	Drilling mach. Vertical	100	Bicycle.	
09-11-48	Drilling mach. "	100	Jacks.	
09-11-61	Electric resistance furnace	20	Bicycle, Metal melting.	
09-11-62	Electric resistance "	20	" "	
09-11-63	30 KW. Trnasformer, 1-phase	100	" Power	
09-11-64	30 KVA. " "	100	" "	
09-11-65	30 KVA. " "	100	" "	
09-11-66	15 KVA. " "	100	" "	
09-11-67	15 KVA. " "	100	" "	
09-11-68	Cupola	0		
09-11-69	7.5 HP. Motor	0		
09-11-70	Melting furnace	0		
09-11-93	Boring mach. Horizontal	20	Jacks.	
09-11-178	Grinding machine	0		Newly planned
09-11-209	Milling mach. Vertical	100	Bicycle.	

Code No.	Name of Machine	% of Time in Use	Products and Use	Remarks
09-11-212	Slotter, Vertical	50	Jigs of Bicycle	
09-11-213	Hack saw machine	80	Jacks	
09-11-216	Slotter, Vertical	50	Jigs of bicycle	
09-11-217	Shaper, Horizontal	100	Jacks.	
09-11-218	Shaper. "	100	"	
09-11-220	Shaper. "	50	Die of bicycle	
09-11-222	Milling mach, Horizontal	100	Bicycle	
09-11-223	Milling mach. "	100	"	
09-11-225	Milling mach. "	100	"	
09-11-234	Lathe, Not gap	100	Bicycle	
09-11-236	Lathe, "	100	"	
09-11-258	Lathe, "	100	"	
09-11-260	Lathe, "	100	"	
09-11-262	Lathe, "	20	"	
09-11-266	Lathe, "	20	"	
09-11-268	Lathe, "	100	"	
09-11-269	Lathe, "	20	"	
09-11-274	Lathe, "	10	"	
09-11-275	Lathe, "	10	"	
09-11-276	Lathe, "	10	"	
09-11-277	Lathe, "	100	"	
09-11-278	Disc grinder	100	" Bit grinder	
09-11-283	Drilling mach. Radial	100	"	
09-11-284	Drilling mach. "	100	"	
09-11-285	Drilling mach. "	100	"	
09-11-286	Drilling mach, Upright	100	"	
09-11-287	Drilling mach. "	10	"	
09-11-292	Drilling mach. Bench	100	Jig of bicycle	
09-11-328	Lathe, Not gap	100	Jigs of bicycle	
09-11-337	Lathe, "	20	Jacks	
09-11-338	Lathe, "	100	Jigs of bicycle	
09-11-339	Lathe, "	100	Jigs of bicycle	
09-11-342	Disc grinder	100	Bicycle, Frame grinding.	

Code No.	Name of Machine	% of Time in Use	Products and Use	Remarks
09-11-343	Drilling mach. Upright	100	Bicycle, Frame grinding.	
09-11-344	Drilling mach. Bench	10	" "	
09-11-345	Drilling mach. "	10	" "	
09-11-346	Lathe, Not gap	100	Jigs of bicycle	
09-11-353	Lapping machine, Cylindrical, Internal	50	Bicycle	
09-11-363	Milling mach. Bed type	10	Bicycle	
09-11-378	Shaper, Horizontal	50	"	
09-11-379	Slotter, Vertical	20	"	
09-11-380	Drilling machine, Bench	10	"	
09-11-384	Milling mach. Horizontal	50	"	
09-11-386	Lathe, Not gap	100	Jacks	
09-11-391	Hardness tester(Shore)	50	Bicycle	
09-11-392	Welding mach. Hydre.	10	"	
09-11-393	Bending mach. Roll	100	"	
09-11-394	Drilling mach. Upright	50	Jacks	
09-11-399	150 KW. Flush Bat Welder	50	Bicycle pipe welding	
09-11-400	500 KW. "	50	"	
09-11-401	500 KW. "	10	"	Newly Planned
09-11-402	200 KW. Transformer	50	" Power	
09-11-403	200 Kw. "	50	" "	
09-11-404	200 KW. "	10	" "	Newly Planned
09-11-405	30 KW. "	100	" "	
09-11-406	30 KW. "	100	" "	
09-11-407	Welding mach. Electric	10	Bicycle	
09-11-408	Welding mach. "	100	"	
09-11-409	Welding mach. "	30	"	
09-11-410	Welding mach. "	10	"	
09-11-411	Welding mach. "	10	"	
09-11-412	Welding mach. "	10	"	
09-11-413	Welding mach. "	10	"	
09-11-414	Welding mach. "	10	"	

Code No.	Name of Machine	% of Time in Use	Products and Use	Remarks
09-11-415	Welding mach. Electric	100	Bicycle	
09-11-416	Welding mach. "	30	"	
09-11-417	Welding mach. "	30	"	
09-11-418	Welding mach. "	10	"	
09-11-419	Welding mach. "	10	"	
09-11-420	Welding mach. "	10	"	
09-11-433	Shearing mach. Square	50	"	
09-11-434	Shearing mach. "	50	"	
09-11-435	Hysraulic Press. Vertical	10	"	
09-11-437	Welding mach. Electric	10	"	
09-11-438	Welding mach. "	100	"	
09-11-440	50 tons, Friction press	100	"	
09-11-441	Friction press	20	"	
09-11-442	200 tons, Friction press	0		Newly planned
09-11-446	50 tons, Power press	100	Bicycle	
09-11-447	40 tons, " "	100	"	
09-11-449	15 HP. Induction Motor	100	" Friction press	
09-11-450	40 tons, Mechanical press	100	"	
09-11-451	30 tons, " "	100	"	
09-11-452	15 tons, " "	100	"	
09-11-453	5 HP. Induction Motor	20	Bicycle, Press	
09-11-455	20 tons, Mechanical press inclinable	100	"	
09-11-458	10 tons, Friction press	100	"	
09-11-459	150 KW. Transformer	100	Bicycle, painting	
09-11-460	150 KW. "	100	" "	
09-11-461	150 KW. "	100	" "	
09-11-465	10 HP. Motor	100	" Friction press	
09-11-471	200 tons, Friction press	100	"	Newly planned
09-11-472	10 HP. Induction motor	100	" Tumbler	
09-11-477	Lathe, Not gap	50	Jigs of bicycle	
09-11-479	Drilling mach. Upright	50	" "	
09-11-481	Drilling mach. "	100	Bicycle	
09-11-482	Drilling mach. 2-spindle	50	Jacks	
09-11-484	Drilling mach. Bench	50	Bicycle	

Code No.	Name of Machine	% of Time in Use	Products and Use	Remarks
09-11-485	Drilling mach. Bench	50	Bicycle	
09-11-486	Drilling mach, "	50	"	
09-11-487	Drilling mach. "	20	Jigs of bicycle	
09-11-488	Shearing mach. Square	30	Bicycle	
09-11-489	Manual press	10	"	
09-11-490	Manual press	10	"	
09-11-493	Manual press	10	"	
09-11-494	Hack saw machine	100	Jacks, Material cutting	
09-11-495	Hack saw machine	100	" "	
09-11-496	Hack saw machine	100	" "	
09-11-497	Hack saw machine	100	" "	
09-11-500	Cut-off mach. grinding	50	Jacks	
09-11-501	Hack saw machine	100	"	
09-11-502	Hack saw machine	100	Jacks	
09-11-504	Hack saw machine	100	Jacks, Material cut-off	
09-11-505	20 KW. Transformer	100	Bicycle. Power trans.	
09-11-506	20 KW. "	100	" "	
09-11-507	20 KW. "	100	" "	
09-11-508	300 KW. "	50	Jacks, Electric	
09-11-509	300 KW. "	50	" "	
09-11-510	Air compressor, Vertical	10	Bicycle, Sand blust	
09-11-511	Disc grinder	100	"	
09-11-512	Disc grinder	100	"	
09-11-514	Centrifugal separator	50	" Oil separator	
09-11-515	Air compressor, Vertical	20	" Sand blust	"EX"
09-11-517	Electric furnace, pot	10	Jacks, Heat-treatment	
09-11-518	Disc grinder	20	" " "	
09-11-519	Hardness tester, (Shore)	50	" Testing	
09-11-520	Hardness tester, (Brinell)	50	" "	
09-11-522	Metal heating furnace, muffle	50	" Heat-treatment	
09-11-523	" "	50	" "	
09-11-524	" "	50	" "	
09-11-531	Hardness tester, (Shore)	50	" "	
09-11-537	Centrifugal separator	20	" Oil separator	
09-11-538	Disc grinder, Bench	100	" Bit grinding	

Code No.	Name of Machine	% of Time in Use	Products and Use	Remarks
09-11-539	Disc grinder, Bench	100	Jacks, Bit grinding	
09-11-540	Centrifugal separator	10	" Oil separator	
09-11-545	15 KW. Transformer	10	"	
09-11-546	15 KW. Transformer	10	"	
09-11-547	Disc grinder, Bench	100	Bicycle, Buffing	
09-11-548	D.C. Dynamo	100	" Metal plating	
09-11-549	20 KW. Transformer	10	"	Newly planned
09-11-550	Rotary converter, A to DC	100	Bicycle, Metal plating	
09-11-553	250 Kg. Air hammer.	100	Jacks, Forging	
09-11-554	62.5 Kg. "	100	Bicycle	
09-11-559	750 Kg. "	100	Jacks	
09-11-562	500 Kg. "	0	Jacks	Newly Planned
09-11-564	Lathe, Not gap	100	Jacks	
09-11-568	Lathe, "	100	"	
09-11-569	Lathe, "	100	"	
09-11-570	Lathe, "	100	"	
09-11-571	Lathe, "	100	"	
09-11-572	Lathe, Not gap	100	"	
09-11-574	Lathe, "	100	"	
09-11-576	Lathe, "	100	"	
09-11-577	Lathe, "	100	"	
09-11-578	Lathe, "	100	"	
09-11-579	Lathe, "	100	"	
09-11-581	Lathe, "	100	"	
09-11-586	Lathe, "	30	Bicycle	
09-11-587	Lathe, "	100	Jacks	
09-11-588	Lathe, "	10	"	
09-11-589	Lathe, "	100	"	
09-11-590	Lathe, "	100	"	
09-11-591	Lathe, "	100	"	
09-11-592	Lathe, "	100	"	
09-11-593	Lathe, "	100	"	

Code No.	Name of Machine	% of Time in Use	Products and Use	Remarks
09-11-594	Lathe, Not gap	100	Jacks	
09-11-595	Lathe, "	10	"	
09-11-596	Lathe, "	10	"	
09-11-597	Lathe, "	100	"	
09-11-598	Lathe, "	10	"	
09-11-599	Disc grinder, Bench	100	"	
09-11-600	Lathe, Not gap.	10	"	
09-11-602	Lathe, "	10	"	
09-11-614	Lathe, "	10	"	
09-11-615	Disc grinder, Bench	50	" Bit grinding	
09-11-616	Lathe, Not gap.	100	"	
09-11-619	Lathe, "	20	"	
09-11-620	Lathe, "	100	"	
09-11-621	Hack saw machine	100	"	
09-11-622	Hack saw machine	100	"	
09-11-624	Disc grinder	80	"	
09-11-625	Disc grinder	80	"	
09-11-626	Grinding machine, Universal, tool & cutter	80	Bicycle, cutting grinder	
09-11-627	Disc grinder	100	Jacks, Bit grinding	
09-11-628	Disc grinder	100	" "	
09-11-629	Grinding machine, Universal. tool & cutter	80	" , Cutter grinding	
09-11-634	5 HP. Induction motor	10	Jacks	
09-11-636	Grinding mach. Internal	50	"	
09-11-637	Grinding mach. "	50	"	
09-11-638	Grinding mach. Cylindrical	100	"	
09-11-639	Grinding mach. "	100	"	
09-11-641	Grinding mach, External	50	"	
09-11-642	Grinding mach. "	20	"	
09-11-645	Milling mach. Horizontal	20	"	
09-11-646	Shaper, Horizontal	80	"	
09-11-647	Shaper, "	80	"	
09-11-649	Milling mach. Horizontal	100	"	
09-11-650	Milling mach. Vertical	50	"	

Code No.	Name of Machine	% of Time in Use	Products and Use	Remarks
09-11-652	Milling mach. Horizontal	100	Jacks	
09-11-653	Milling mach. "	100	"	
09-11-654	Slotter, Vertical	30	"	
09-11-657	Grinding mach. Surface	20	"	
09-11-658	Lathe, Not gap	20	"	
09-11-659	Lathe, "	100	"	
09-11-660	Lathe, "	100	"	
09-11-663	Lathe, "	100	"	
09-11-665	Lathe, "	10	"	
09-11-666	Lathe, "	100	"	
09-11-668	Lathe, "	100	"	
09-11-669	Lathe, "	10	"	
09-11-670	Lathe, "	100	"	
09-11-671	Lathe, "	100	"	
09-11-672	Lathe, "	100	"	
09-11-673	Lathe, "	10	"	
09-11-674	Lathe, "	10	"	
09-11-675	Lathe, "	10	"	
09-11-675	Lathe, "	10	"	
09-11-677	Lathe, "	100	"	
09-11-678	Lathe, "	10	"	
09-11-680	Lathe, "	100	"	
09-11-681	Lathe, "	100	"	
09-11-682	Lathe, "	100	"	
09-11-683	Lathe, "	10	"	
09-11-684	Lathe, "	100	"	
09-11-685	Lathe, "	10	"	
09-11-686	Lathe, "	10	"	
09-11-687	Manual press	20	"	
09-11-689	Drilling mach. Bench	20	"	
09-11-690	Drilling mach. "	100	"	
09-11-691	Drilling mach. Radial	100	"	
09-11-692	Drilling mach. "	10	"	
09-11-693	Air compressor	20	"	

Code No.	Name of Machine	% of Time in Use	Products and Use	Remarks
09-11-694	Disc grinder	80	Jacks	
09-11-695	Disc grinder	80	"	
09-11-699	Lathe, Not gap	100	"	
09-11-700	Drilling mach. 2-spindles	100	"	
09-11-701	Drilling mach. "	100	"	
09-11-702	Drilling mach. "	100	"	
09-11-703	Drilling mach. Bench	30	"	
09-11-704	Drilling mach. "	100	"	
09-11-705	Drilling mach. "	100	"	
09-11-706	Drilling mach. "	100	"	
09-11-707	Drilling mach. Upright	100	"	
09-11-708	Drilling mach. "	100	"	
09-11-709	Drilling mach. "	100	"	
09-11-710	100 KW. Transformer	100	Jacks, Power trans.	
09-11-711	100 KW. "	100	" "	
09-11-712	100 KW. "	100	" "	
09-11-717	Lathe, Not gap	20	Jigs of bicycle	
09-11-718	Lathe, "	30	Jacks	
09-11-719	Lathe, "	20	Jigs of bicycle	
09-11-720	Lathe, Not gap	30	Jacks	
09-11-722	Lathe, "	100	Jigs of bicycle	
09-11-723	Lathe, "	100	" "	
09-11-724	Lathe, "	100	" "	
09-11-725	Lathe, "	20	Jacks	
09-11-726	Lathe, "	100	Jigs of bicycle	
09-11-728	Lathe, "	100	" "	
09-11-729	Lathe, "	30	Jacks	
09-11-732	Lathe, "	100	Jigs of bicycle	
09-11-733	Lathe, "	100	" "	
09-11-754	Lathe, Tool room	10	Jigs of bicycle	"EX"
09-11-755	Disc grinder	10	" "	
09-11-756	Drilling mach. Upright	100	Bicycle	
09-11-757	Drilling mach. "	100	"	
09-11-758	Drilling mach. "	100	"	
09-11-760	Milling mach. Bed type	100	"	

Code No.	Name of Machine	% of Time in Use	Products and Use	Remarks
09-11-784	Milling mach. Horizontal	50	Bicycle	
09-11-789	Drilling mach. Cutter	50	Jigs of bicycle	
09-11-790	Grinding mach. "	50	" "	
09-11-792	Grinding mach. External	80	" "	
09-11-793	Grinding mach. Internal	100	" "	
09-11-794	Shaper, Horizontal	100	" "	
09-11-795	Shaper, "	100	" "	
09-11-797	Shaper, "	100	" "	
09-11-800	Air compressor	100	Jacks	
09-11-801	Milling mach. Vertical	20	Jigs of bicycle	
09-11-802	Milling mach. Horizontal	100	" "	
09-11-803	Milling mach, "	100	" "	
09-11-804	Milling mach. "	100	" "	
09-11-806	Milling mach. Vertical	80	" "	
09-11-807	Milling mach, "	80	" "	
09-11-809	Drilling mach. Radial	50	Bicycle	
09-11-810	Drilling mach. "	50	Jigs of bicycle	
09-11-811	Drilling mach. Upright	50	" "	
09-11-815	Boring mach. Horizontal	10	" "	
09-11-819	Drilling mach. Bench	20	" "	
09-11-820	Milling mach. Bench	100	Bicycle	
09-11-823	Broaching mach.	80	Jigs of bicycle	
09-11-824	Milling mach. Horizontal	10	Bicycle	
09-11-825	Milling mach. "	10	"	
09-11-827	Drilling mach. Bench	10	"	
09-11-830	Disc grinder	50	"	
09-11-831	Lathe, Not gap	100	"	
09-11-832	Lathe, "	50	Jigs of bicycle	
09-11-833	Lathe, "	100	Bicycle	
09-11-834	Lathe, "	100	"	
09-11-835	Lathe, "	10	"	
09-11-836	Lathe, "	10	"	
09-11-837	Lathe, "	100	"	
09-11-838	Lathe, "	100	"	

Code No.	Name of Machine	% of Time in Use	Products and Use	Remarks
09-11-840	Lathe, Not gap	10	Bicycle	
09-11-842	Lathe, "	10	"	
09-11-849	Lathe, Turret, Vertical	0	"	
09-11-852	Milling mach, Horizontal	100	"	
09-11-853	Milling mach. "	100	"	
09-11-860	20 D.C. Dynamo	10	"	"EX"
09-11-862	Lathe, Not gap	100	Bicycle	
09-11-863	Lathe, "	100	"	
09-11-864	6 KW. D.C. Dynamo	100	"	
09-11-866	6 KW. " "	100	"	
09-11-867	Milling mach. Horizontal	100	"	
09-11-869	Milling mach. "	100	"	
09-11-870	Milling mach. "	100	"	
09-11-872	Thread miller	50	"	
09-11-873	Drilling mach. Upright	50	Jigs of bicycle	"EX"
09-11-874	Lathe, Not gap.	20	Jacks	
09-11-875	Lathe, "	100	Bicycle	
09-11-877	Lathe, "	0	"	
09-11-878	Lathe, " Bench	0	"	
09-11-879	Lathe, Turret, Vertical	0	"	
09-11-880	Lathe, Not gap..	0	"	
09-11-881	Lathe, "	0	"	
09-11-884	Lathe, "	100	"	
09-11-885	Lathe, "	10	"	
09-11-886	Lathe, "	10	"	
09-11-888	Lathe, "	100	"	
09-11-889	Lathe, "	100	"	
09-11-890	Lathe, "	10	"	
09-11-891	Lathe, "	100	"	
09-11-892	Lathe, "	0	"	
09-11-893	Lathe, "	100	"	
09-11-895	Lathe, "	100	"	
09-11-896	Lathe, "	100	"	

Code No.	Name of Machine	% of Time In Use	Products and Use	Remarks
09-11-896	Lathe, Not gap	100	Bicycle	
09-11-897	Lathe, "	100	"	
09-11-898	Lathe, "	100	"	
09-11-899	Lathe, "	100	"	
09-11-900	Lathe, Not gap	100	Bicycle	
09-11-901	Lathe, "	100	"	
09-11-902	Lathe, "	50	"	
09-11-903	Lathe, "	100	"	
09-11-904	Lathe, "	100	"	
09-11-905	Lathe, "	100	"	
09-11-906	Lathe, "	100	"	
09-11-907	Lathe, Turret, Vertical	100	Jacks	"EX"
09-11-909	Lathe, " "	100	"	
09-11-910	Lathe, " "	100	Bicycle	
09-11-911	Lathe, " "	0	"	
09-11-912	Lathe, " "	0	"	
09-11-913	Lathe, " "	0	"	
09-11-914	Hack saw Machine	100	"	
09-11-915	Hack saw machine	100	Jacks	
09-11-917	Lathe, Not gap	50	Bicycle	
09-11-918	Lathe, "	100	"	
09-11-919	Lathe, "	100	"	
09-11-920	Lathe, "	100	"	
09-11-923	Broaching machine	100	"	
09-11-924	Disc grinder	80	"	
09-11-925	Drilling mach. Bench	10	"	
09-11-939	Lathe, Not gap	100	"	
09-11-940	Lathe, "	30	"	
09-11-943	Electri furnance	0	Jigs of Bicycle	"EX"
09-11-945	Milling mach. Vertical	100	Bicycle	
09-11-946	Milling mach.	100	"	
09-11-956	30 tons. Mechanical Press, Vertical	100	"	"EX"

Code No.	Name of machine	% of Time in Use	Products & Use	Remarks
09-11-957	30 tons, Mechanical press, vertical.	100	Bicycle	"EX"
09-11-958	30 tons, Mechanical press, Vertical	100	"	"EX"
09-11-959	30 tons, Press "	100	"	"EX"
09-11-960	50 tons, Press "	100	"	"EX"
09-11-961	Friction press	0	"	
09-11-962	100 tons, Press "	100	"	"EX"
09-11-963	100 tons, Press "	20	"	"EX"
09-11-964	Shearing machine	50	"	"EX"
09-11-965	Lathe, Not gap	100	Jacks	
09-11-966	Disc grinder	50	Bicycle	
09-11-967	Drilling mach. Upright	50	Jigs of bicycle	
09-11-968	Drilling mach. "	50	" "	
09-11-969	Aircompressor	100	" "	
09-11-970	Switch Board	100	Bicycle, Power distribution	
09-11-971	Switch Board	100	" "	
09-11-974	Air compressor	10	Bicycle	
09-11-975	"	100	"	
09-11-976	"	10	"	
09-11-977	"	10	"	
09-11-980	"	50	"	
09-11-982	Mechanical press, Foot	100	"	
09-11-983	Mechanical "	100	"	
09-11-984	Drilling mach. Radial	50	Jigs of bicycle	
09-11-988	Drilling mach. Bench	20	Bicycle	
09-11-989	Drilling mach. Upright	20	"	
09-11-990	Drilling mach. Bench	20	"	
09-11-991	Drilling mach. "	20	"	
09-11-992	Drilling mach. "	20	"	
09-11-993	Drilling mach. Upright	50	"	
09-11-994	Drilling mach. "	50	"	
09-11-995	Drilling mach. "	100	Jacks	
09-11-996	Disc grinder	50	Bicycle, Drill grinding	
09-11-1015	Drilling mach. Upright	100	Bicycle	

Code No.	Name of Machine	% of Time in Use	Products and Use	Remarks
09-11-1017	Milling mach. Vertical	100	Jigs of bicycles	
09-11-1018	Milling mach. Horizontal	100	" "	
09-11-1026	Grinding mach. External	20	" "	
09-11-1029	Hack saw machine	50	Bicycle, Material cut-off	
09-11-1034	Planer, Double housing	30	Jigs of bicycle	
09-11-1035	Drilling mach. Upright	100	Bicycle	
09-11-1036	Grinding mach. Centerless	100	"	
09-11-1037	" " Surface	30	Jigs of bicycle	
09-11-1038	" " Internal	20	" "	
09-11-1039	Drilling mach. Upright	100	Bicycle	
09-11-1041	Air compressor	100	Bicycle	
09-11-1042	Disc grinder	30	Jigs of bicycle	
09-11-1043	Lathe, Not gap	20	" "	
09-11-1044	Lathe, Not gap	100	Bicycle	
09-11-1046	Drilling mach. Bench	80	"	
09-11-1052	Hydraulic press, Manual	50	Jacks, Packing	
09-11-1053	Hydraulic press, "	50	" "	
09-11-1056	Hydraulic press, "	50	" "	
09-11-1057	Hydraulic press, "	50	" "	
09-11-1059	Manual press,	50	" "	
09-11-1060	Manual press,	50	" "	
09-11-1061	Manual press,	50	" "	
09-11-1062	Manual press,	50	" "	
09-11-1063	Manual press,	50	" "	
09-11-1064	Manual press,	50	" "	
09-11-1065	Manual press,	50	" "	
09-11-1066	Manual press,	50	" "	
09-11-1067	Manual press,	50	" "	
09-11-1069	Manual press,	50	" "	
09-11-1070	Manual press,	50	" "	
09-11-1095	Hydraulic press, "	50	" "	
09-11-1113	Hydraulic press, "	50	" "	
09-11-1117	Hydraulic press, "	50	" "	
09-11-1129	Hydraulic press, "	50	" "	
09-11-1133	Hydraulic press, "	50	" "	

Code No.	Name of Machine	or Time in Use	Products and Use	Remarks
09-11-1221	Air compressor, Vertical	0	Bicycle	
09-11-1223	Air compressor, "	100	Jacks	"EX"
09-11-1224	Air compressor, "	100	"	
09-11-1235	Air compressor, "	20	Bicycle	
09-11-1241	Drilling mach. Upright	20	Jigs of bicycle	
09-11-1246	Centrifugal separator	0	Bicycle	
09-11-1247	" "	0	"	
09-11-1250	Lathe, Not gen	20	Jacks, Packing	
09-11-1252	Disc grinder	50	Jigs of bicycle	
09-11-1273	Drilling mach. Upright	50	Bicycle	
09-11-1312	Rotary converter, AC to DC	100	" Metal plating	"EX"
09-11-1334	Air compressor	0	Jigs of bicycle	
09-11-1336	Bending roll	100	Bicycle	"EX"
09-11-1337	Disc grinder	50	Bicycle	
09-11-1338	Disc grinder	50	"	
09-11-1343	12 KVA. D.C. Dynamo	100	" Metal plating	
09-11-1350	Lathe, Levelling mach.	20	Jacks, Packing	
09-11-1381	Portable Drilling mach.	50	Bicycle, Jacks and other	
09-11-1386	" "	50	" " "	
09-11-1388	Portable grinder	50	" " "	
09-11-1389	" "	50	" " "	
09-11-1392	" "	50	" " "	
09-11-1394	Portable drilling mach.	50	" " "	
09-11-1397	" "	50	" " "	
09-11-1400	" "	50	" " "	

- NOTHING FOLLOWS -

KAYABA INDUSTRY CO. LTD.,
GIFU PLANT
No. 505, Dots-mura, Kani-gun, Gifu-ken

file
F2

wa

1 April 1948

SUBJECT: Application for Authorization
of "Exempted" Machinery

TO : Mr. Norman E. Acton,
Gifu M.G. Team, Economic Section

THROUGH: Gifu Prefectural Liaison Committee

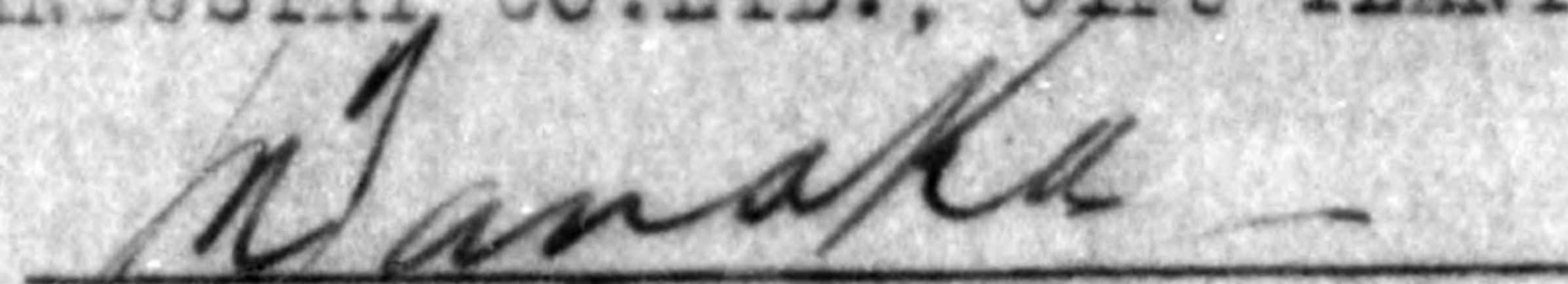
1. References will be made to Kayaba Application, dated 26 Aug 1946, Subject: "Application for a Permit of Machinery Exempted".

2. Application was made for an authorization to exempt thirty-one (31) machines from Inventory List with the proofs attached by reason of "Purchased after 15 Aug 1945". The proofs for five (5) machines - 09-11-864, 866, 912, 913, 1343 - were not enough to prove the requested, and twenty-six (26) machines excluding above five machines were authorized to be "EX" with verbal confirmations.


3. In connection with "Evaluation", an authorization in writing seems to be needed as a proof for G.H.Q. Evaluation Committee's inspections.

4. Enclosed is the list of "Exempted" machines for your authorization to put your signature on it for the proof.

FOR KAYABA INDUSTRY CO. LTD., GIFU PLANT


MASATARO TANAKA
(Manager & Custodian)

"EXEMPTION" authorized of
Twenty-six (26) machines
as per the list attached.


Gifu Military Gov't Team

Signed 9 Apr 48

1 Incls. Application for a permit of machinery
exempted.

/ MS

KAYABA INDUSTRY CO. LTD.,
GIFU PLANT
No.505, Dota-mura, Kani-gun, Gifu-ken

26 August 1946

SUBJECT: Application For a Permit of
Machinery Exempted

TO : The Commanding General,
107th Military Government Hq & Hq Co.
A P O 25 (Gifu, Honshu)

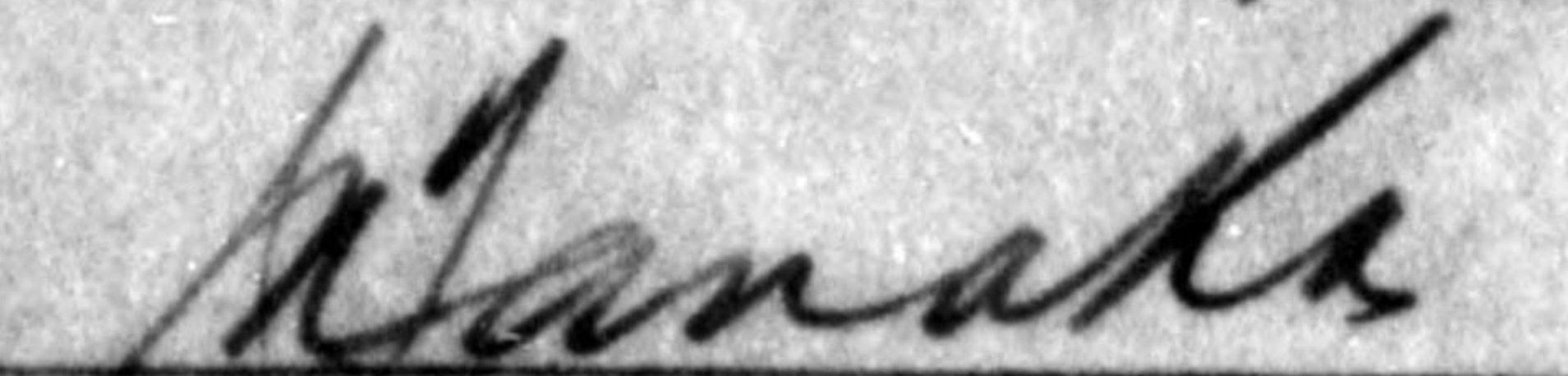
THRU : Japanese Liaison Committee of Gifu Pref.

1. With reference to AG 004 (28 May 1946) ESS/IN
SCAPIN 987, 1400 Inventory Sheets have been submitted to
you on 23rd August 1946 as per 107th Military Government
Company's directions.

2. With the reconversion permit MG 343 (26 Dec
1945) from Sixth Army Military Government Headquarters,
we are in operation of producing bicycles as essential
civilian commodities.

3. For this purpose 31 machinery have been in-
stalled since 15 August 1945, as per list attached. In
accord to your instruction, we apply for your permit
these machines to be exempted from Inventory Sheets.

KAYABA INDUSTRY CO. LTD., GIFU PLANT


MASATARO TANAKA
Manager and Custodian

1 Encl: Machinery list Desired to be Exempted.
/MS

MACHINERY LIST DESIRED TO BE EXEMPTED

CODE NO.	NAME OF MACHINE	MANUFACTURER	PURCHASED FROM	DATE OF MOVED-IN	ITEMS USED FOR
09-11-19	(Wood) Planing machine	Taiyo Wood Machine Co. Ltd	Dainihon Doboku Co. Ltd.	Nov 1 45	Packing-wood for bicycle
09-11-24	(Wood) Circular Saw machine	Taiyo Wood Mach Co. Ltd.	Dainihon Doboku Co. Ltd.	Nov 1 45	-do-
09-11-393	Bending machine Plate & sheet	Kayaba Ind. Co. Ltd.	(Self-made)	Jul 18 46	Mud-guard of bicycle
09-11-515	Air compressor Vertical type	Unknown (Washing Nai)	Kato Shoten	Jun 1 46	Paint spraying
09-11-754	Lathe, Tool room	Akimoku Kikai Co. Ltd.	Tokai-hokuriku Ind. & Comm Sec of Japan Gov.	Jul 15 46	Small part of bicycle
09-11-860	20 K.W. DC Dynamo	Tokio Special Elect. Works	"	May 5 46	Free-wheel Hunger & Bearing race
09-11-864	6 KW. DC Dynamo	Tokio Special Elect. Works	Tokio Special Elect. Works	Jul 26 46	Metalling
09-11-866	6KW DC Dynamo	Tokio Special Elect. Works	Tokio Special Elect. Works	Jul 26 46	Metalling
09-11-872	Milling machine, Thread, External and Internal	Nagoya Rashi (Nagoya Thread-ing Mach. Co.)	Tokai-Hokuriku Ind. & Comm Sec of Japan Gov.	Jul 1 46	Free-wheel Hunger and Bearing race
09-11-907	Lathe, Turret, Vertical turret Axes	Hitachi Seiki Co. Ltd.	Tokai-Hokuriku Ind. & Comm Sec of Japan Gov	Jul 15 46	Free-wheel Gear of Bicycle
09-11-912	Lathe, Turret, Vert. turret axis	Hitachi Seiki Co. Ltd.	Hitachi Seiki Co. Ltd.	Jun 10 46	Free-wheel
09-11-913	Lathe, Turret, Vert Turr Axis	Hitachi Seiki Co. Ltd.	Hitachi Seiki Co. Ltd.	Jun 10 46	Free-wheel
09-11-943	15 KW. Electric Furnace	Komatsu Ind. Co. Ltd.	Tokai-Hokuriku Ind. & Comm Sec of Japan Gov	May 6 46	Heat treat-ment of bicycle
09-11-956	30 tons, Mechanical press, Vert. type 1-point	Daido Press Mach. Co.	Daido Press Machine Compon	Jul 12 46	Pedal
09-11-957	30 tons, Mechanical press	Daido Press Mach. Co.	Daido Press Mach. Co.	Jul 12 46	Pedal
09-11-958	30 tons, Mechanical press	Daido Press Mach. Co.	Daido Press Mach. Co.	Jul 12 46	Pedal
09-11-959	50 tons, Mechanical press	Daido Press Mach. Co.	Daido Press Mach. Co.	Jul 3 46	Handle
09-11-960	50 tons, Mechanical press	Daido Press Mach. Co.	Daido Press Mach. Co.	Jul 3 46	Rug
09-11-962	100 tons Mechanical press	Nippon Press Machine Works	Kunita Seiti Shoten	Jul 18 46	Rug
09-11-963	100 tons, Mechanical press	Nippon Press Machine Works	Kunita Seiti Shoten	Jul 18 46	Rug

MACHINERY LIST DESIRED TO BE EXEMPTED (CONT'D)

CODE NO.	NAME OF MACHINE	MANUFACTURER	PURCHASED FROM	DATE OF MOVED-IN	ITEMS USED-FOR
09-11-964	Shearing machine	Boshin Kogyo Co. Ltd.	Tokai-Yokuriku Ind & Comm Sec of Japan Gov	May 6 46	Mud-guard
09-11-1223	Aircompressor	Washino Nainen-Ei Co. Ltd.	Kato Shoten	Jun 3 46	Paint Spraying
09-11-1312	Rotary Converter AC to DC	Chuo Industry	Tokai-Yokuriku Ind & Comm Sec of Japan Gov	May 5 46	Metaling
09-11-1321	(Wood) Band saw, Sharpening	Miki Tadashi Machine Co.	Dainihon Doboku Co. Ltd.	Dec 1 46	Packing-wood
09-11-1322	(Wood) Band saw, Sharpening	Miki Tadashi Machine Co.	Dainihondoboku Co. Ltd.	Dec 1 46	-do-
09-11-1323	(Wood) Drilling machine	Miki Tadashi Machine Co.	Dainihondoboku Co. Ltd.	Dec 1 45	-do-
09-11-1324	(Wood) Moulding machine	K.M.G.	Dainihondoboku Co. Ltd.	Dec. 1 46	-do-
09-11-1326	(Wood) Planing machine	Miki Tadashi Machine Co.	Dainihondoboku Co. Ltd.	Dec 1 46	-do-
09-11-1328	(Wood) Hand Planing machine	Unknown (Mizutani Moko)	Naniwa Koki Seisakusho	Jan 28 46	-do-
09-11-1336	Bending machine	Kayaba Industry Co., Ltd.	(Self-made)	Jul 26 46	Mud-guard
09-11-1343	12 KW. Direct Current Dynamo	Tokai Special Elect. Co. Ltd.	Tokai Special Elect. Co. Ltd.	Jul 26 46	Metaling

- 3 - - NOTHING FOLLOWS - - -

Remarks: Marked in red - 864, 866, 912, 913, 1343 - disapproved "Exemption" by reason of "No Proof".

THE KAYABA INDUSTRY CO., LTD., GIFU PLANT.
No. 505, Dots-mura, Kani-gun, Gifu Prefecture.

March 14th, 1947

To The Military Government Team.

Dear Sirs:-

APPLICATION FOR PERMIT OF EXEMPTION FROM
THE OFFER OF THE TELEPHONE EQUIPMENTS IN
THE REPARATION PLANT.

We here by apply for permit to exempt from the offer of the telephone equipments in our plant by the following reasons:-

1. As our plant is located in a remote district and its' compound is vast, the telephone equipments are essential for us.
2. Without the telephone equipments, our communications with the M.G., the Gifu Prefectural Office, all other Government Offices and our customers will be discontinued.
3. It is very hard to have the custody of the preservation machineries by your order, be cause of the shortage of communications in our compound, in case we do not keep the telephone equipments.
4. Our production of bicycle and hydraulic jacks as the export goods and the essential civilian commodities will be reduced, in case of loss of the telephone equipments.

For your reference, details of the telephon equipments in our plant are as follows:-

Handwritten notes:
file
F.K.
File F2
Kayaba
Inc

Name of Machine & equipments	dimension & capacity	Quantity	Manufacturer
Telephone exchange equipment	Manual, Magnetic, common battery system, compound, 60 wire.	1 set	Oki Ele. Co.,
Selector board	300 taps	1 set	
Power source	Accumtater. 24 V. 120 A. Hour. D. C. Genrater KW $\frac{1}{2}$ HP.	1 set 1 unit	Oki Ele. Co.,
Telephone	a. Common battery system, bench type No.3 b. -dc- c. -dc- Hanger type	31 sets 7 sets 7 sets	Oki Ele. Co., Oki & Hitachi Ele. Co., Fuji Ele. Co.,

Yours very truly,

For THE KAYABA INDUSTRY CO., LTD.,
GIFU PLANT

Manager

Masatero Tanaka

Masatero Tanaka

KAYABA INDUSTRY CO., LTD.,
GIFU PLANT
No.505, Dota-mura, Kani-gun, Gifu-ken

25 February 1948

Subject: Application for Using the
Reparations Machinery for
Manufacture of Essential
Civilian Commodities.

To : Mr. Norman E. Acton,
Gifu M.G. Team, Economic Section.

Through: Liaison Section,
Gifu Prefectural Government.

1. Name of Plant:
Kayaba Industry Co., Ltd., Gifu Plant.

2. Location:
No.505, Dota-mura, Kani-gun, Gifu Pref.

3. Number of Machinery Desired for Using:
(488)

4. Description of Machinery Desired for Using:

For the manufacture of the following items
as the essential civilian commodities as per
the reconversion permit granted by Six Army.

- a. Bicycles including main parts, speed-changer.
- b. Agricultural machinery including
motor driven sprayer.
- c. Civil engineering machinery including compressor,
railway pusher, all kinds of jacks.
- d. Farm engines.
- e. Automobile parts including

5. Remarks:

a) On 23rd Oct. 1946, we submitted the first
application plan of the partial exemption of machinery
in which 479 machines applied by reason of necessary

for the manufacture of all kinds of bicycle parts, aimed at 10,000 sets monthly, and other essential civilian commodities.

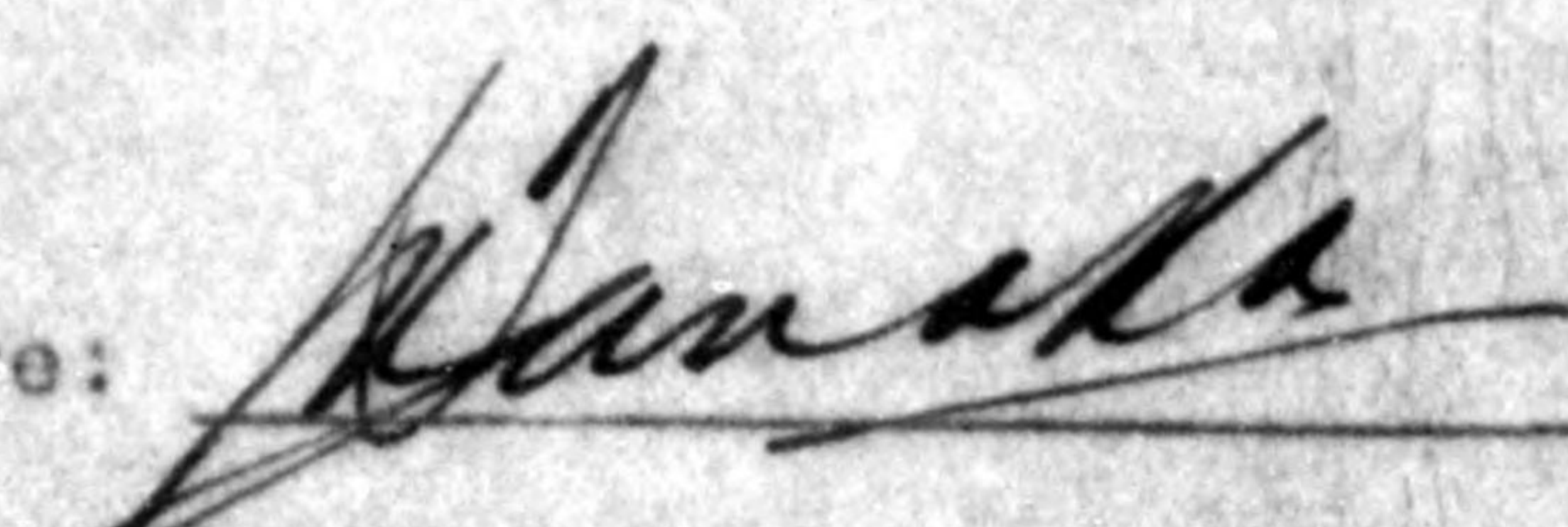
As to 479 machines, there included 9 wood-working machines and excluded 26 machines (which were marked "EX" by order of Sgt. Simpson of Gifu M.G. Team). We understand that those 26 machines had already been exempted and not necessary to be applied for release.

b) With changed situations and lot of engineering experiences through one year passed after this application submitted, we came to realize that the making of the small bicycle parts by ourselves won't make any profits at all than purchasing or sub-contracting those parts from outside makers.

Therefore this time some changes will be made on the former plan to use small machine tools, friction press, hydraulic press, air-hammer, flush bat welder, large transformers, and external grinding machine.

I wish hereby you will kindly extend some favorable considerations on the application for using those 488 machines for the manufacture of bicycles and other civilian commodities as per the list attached.

Signature:


Title: Manager & Custodian
for Kayaba Ind. Co., Ltd.

LIST OF MACHINERY AND EQUIPMENTS IN "USE"

Code No.	Name of Machine	% of Time in Use	Products & Use	Remarks
09-11-01	20 KW Transformer, 1-phase	100	Bicycle, Power	
09-11-02	20 KW. " "	100	" "	
09-11-08	5 HP. Motor	20	Jacks, "	
09-11-09	7½ HP. Motor	100	Bicycle, Press	
09-11-10	Centrifugal pump	100	Drain	
09-11-12	10 HP. Motor	150	Bicycle, Packing	
09-11-15	10 HP. Motor	80	Gear of Bicycle, Press	
09-11-16	400 KW. Transformer, 1-phase	100	Power trans.	
09-11-17	400 KW. " "	100	" "	
09-11-18	400 KW. " "	100	" "	
09-11-30	5 HP. Motor	100	Jacks, Compressor	
09-11-33	Electric resistance furnace	50	Jacks, Heat-treatment	
09-11-36	Hardness tester (Rockwell)	100	" "	
09-11-38	Hardness tester (")	100	" "	
09-11-43	Milling mach. Horizontal	100	Jacks,	
09-11-47	Drilling mach. Vertical	100	Bicycle.	
09-11-48	Drilling mach. "	100	Jacks.	
09-11-61	Electrical resistance furnace	20	Bicycle, Metal melting.	
09-11-62	" "	20	" "	
09-11-63	30 KW. Transformer, 1-phase	100	" Power	
09-11-64	30 KVA. " "	100	" "	
09-11-65	30 KVA. " "	100	" "	
09-11-66	15 KVA. " "	100	" "	
09-11-67	15 KVA. " "	100	" "	
09-11-68	Cupola	0		
09-11-69	7.5 HP. Motor	0		
09-11-70	Melting furnace	0		
09-11-93	Boring mach. Horizontal	20	Jacks.	
09-11-209	Milling mach. Vertical	100	Bicycle.	
09-11-212	Blotter, Vertical	50	Jigs of Bicycle	
09-11-213	Hack saw machine	80	Jacks	
09-11-216	Blotter, Vertical	50	Jigs of bicycle	

Code No.	Name of Machine	% of Time in Use	Products and Use	Remarks
09-11-217	Shaper, Horizontal	100	Jacks.	
09-11-218	Shaper, "	100	"	
09-11-220	Shaper, "	50	Die of bicycle	
09-11-222	Milling mach. Horizontal	100	Bicycle	
09-11-223	Milling mach. "	100	"	
09-11-225	Milling mach. "	100	"	
09-11-178	Grinding machine	0		Newly planned
09-11-234	Lathe, Not gap	100	Bicycle	
09-11-236	Lathe, "	100	"	
09-11-258	Lathe, "	100	"	
09-11-260	Lathe, "	100	"	
09-11-262	Lathe, "	20	"	
09-11-266	Lathe, "	20	"	
09-11-268	Lathe, "	100	"	
09-11-269	Lathe, "	20	"	
09-11-274	Lathe, "	10	"	
09-11-275	Lathe, "	10	"	
09-11-276	Lathe, "	10	"	
09-11-277	Lathe, "	100	"	
09-11-278	Disc grinder	100	" Bit grinder	
09-11-283	Drilling mach. Radial	100	"	
09-11-284	Drilling mach. "	100	"	
09-11-285	Drilling mach. "	100	"	
09-11-286	Drilling mach. Upright	100	"	
09-11-287	Drilling mach. "	10	"	
09-11-292	Drilling mach. Bench	100	Jig of bicycle	
09-11-328	Lathe, Not gap	100	Jigs of bicycle	
09-11-337	Lathe, "	20	Jacks	
09-11-338	Lathe, "	100	Jigs of bicycle	
09-11-339	Lathe, "	100	Jigs of bicycle	
09-11-342	Disc grinder	100	Bicycle, Frame grinding	
09-11-343	Drilling mach. Upright	100	" "	
09-11-344	Drilling mach. Bench	10	" "	
09-11-345	Drilling mach. "	10	" "	
09-11-346	Lathe, Not gap	100	Jigs of bicycle	
09-11-353	Lapping machine, Cylindrical, Internal	50	Bicycle	

Code No.	Name of Machine	No. of Time in Use	Products and Use	Remarks
09-11-363	Milling mach. Bed type	10	Bicycle	
09-11-378	Sheper, Horizontal	50	"	
09-11-379	Slotter, Vertical	20	"	
09-11-380	Drilling machine, Bench	10	"	
09-11-384	Milling mach. Horizontal	50	"	
09-11-386	Lathe, Hot gap	100	Jacks	
09-11-391	Hardness tester (Shore)	50	Bicycle	
09-11-392	Welding mach. Hydra.	10	"	
09-11-393	Bending mach. Roll.	100	"	"EX"
09-11-394	Drilling mach. Upright	50	Jacks	
09-11-399	150 KW. Flash But Welder	50	Bicycle pipe welding	
09-11-400	500 KW. "	50	"	
09-11-401	500 KW. "	10	"	
09-11-402	200 KW. Transformer	50	" Power	Newly Planned
09-11-403	200 KW. "	50	" "	
09-11-404	200 KW. "	10	" "	Newly Planned
09-11-405	30 KW. "	100	" "	
09-11-406	30 KW. "	100	" "	
09-11-407	Welding mach. Electric	10	Bicycle	
09-11-408	Welding mach. "	100	"	
09-11-409	Welding mach. "	30	"	
09-11-410	Welding mach. "	10	"	
09-11-411	Welding mach. "	10	"	
09-11-412	Welding mach. "	10	"	
09-11-413	Welding mach. "	10	"	
09-11-414	Welding mach. "	10	"	
09-11-415	Welding mach. "	100	"	
09-11-416	Welding mach. "	30	"	
09-11-417	Welding mach. "	30	"	
09-11-418	Welding mach. "	10	"	
09-11-419	Welding mach. "	10	"	
09-11-420	Welding mach. "	10	"	
09-11-433	Shearing mach. Square	50	"	
09-11-434	Shearing mach. "	50	"	
09-11-435	Hydraulic press, Vertical	10	"	
09-11-437	Welding mach. Electric	10	"	

Code No.	Name of Machine	% of Time in Use	Products and Use	Remarks
09-11-438	Welding mach. Electric	100	Bicycle	
09-11-440	50 tons, Friction press	100	"	
09-11-441	Friction press	20	"	
09-11-442	200 tons, Friction press	0		Newly planned
09-11-446	50 tons, Power press	100	Bicycle	
09-11-447	40 tons, " "	100	"	
09-11-449	15 HP. Induction Motor	100	" Friction press	
09-11-450	40 tons, Mechanical press	100	"	
09-11-451	30 tons, " "	100	"	
09-11-452	15 tons, " "	100	"	
09-11-453	5 HP. Induction Motor	20	Bicycle, press	
09-11-455	20 tons, Mechanical press, inclinable	100	"	
09-11-458	10 tons, Friction press	100	"	
09-11-459	150 KW. Transformer	100	Bicycle, painting	
09-11-460	150 KW. " "	100	" "	
09-11-461	150 KW. " "	100	" "	
09-11-465	10 HP. Motor	100	" Friction press	
09-11-471	200 tons, Friction press	100	"	Newly planned
09-11-472	10 HP. Induction motor	100	" Tumbler	Newly planned
09-11-477	Lathe, Not gap	50	Jigs of bicycle	
09-11-479	Drilling mach. upright	50	" "	
09-11-481	Drilling mach. "	100	Bicycle	
09-11-482	Drilling mach. 2-spindle	50	Jacks	
09-11-484	Drilling mach. Bench	50	Bicycle	
09-11-485	Drilling mach. "	50	"	
09-11-486	Drilling mach. "	50	"	
09-11-487	Drilling mach. "	20	Jigs of bicycle	
09-11-488	Sheering mach. Square	30	Bicycle	
09-11-489	Manual press	10	"	
09-11-490	Manual press	10	"	
09-11-493	Manual press	10	"	
09-11-494	Hack saw machine	100	Jacks, Material cutting	
09-11-495	Hack saw machine	100	" "	
09-11-496	Hack saw machine	100	" "	
09-11-497	Hack saw machine	100	" "	
09-11-500	Cut-off mach. grinding	50	Jacks	
09-11-501	Hack saw machine	100	"	

Code No.	Name of Machine	% of Time in Use	Products and Use	Remarks
09-11-502	Hack saw machine	100	Jacks	
09-11-505	20 KW. Transformer	100	Bicycle, Power trans.	
09-11-506	20 KW. "	100	" "	
09-11-507	20 KW. "	100	" "	
09-11-508	300 KW. "	50	Jacks, Electric	
09-11-509	300 KW. "	50	" "	
09-11-510	Air compressor, vertical	10	Bicycle, Sand blast	
09-11-511	Disc grinder	100	"	
09-11-512	Disc grinder	100	"	
09-11-514	Centrifugal separator	50	" Oil separator	
09-11-515	Air compressor, vertical	20	" Sand blast	"EX"
09-11-517	Electric furnace, pot	10	Jacks, Heat-treatment	
09-11-518	Disc grinder	20	" "	
09-11-519	Hardness tester, (Shore)	50	" Testing	
09-11-520	Hardness tester, (Brinell)	50	" "	
09-11-522	Metal Heating furnace, muffle	50	" Heat-treatment	
09-11-523	" " "	50	" "	
09-11-524	" " "	50	" "	
09-11-531	Hardness tester, (Shore)	50	" "	
09-11-537	Centrifugal separator	20	" Oil separator	
09-11-538	Disc grinder, Bench	100	" Bit grinding	
09-11-539	Disc grinder, "	100	" "	
09-11-540	Centrifugal separator	10	" Oil separator	
09-11-545	15 KW. Transformer	10		
09-11-546	15 KW. Transformer	10		
09-11-547	Disc grinder, Bench	100	Bicycle, Buffing	
09-11-548	D. C. Dynamo	100	" Metal plating	
09-11-549	20 KW. Transformer	10		Newly planned
09-11-550	Rotary converter, AC to DC	100	Bicycle, Metal plating	
09-11-553	250 Kg. Air-hammer	100	Jacks, Forging	
09-11-554	62.5 Kg. "	100	Bicycle	
09-11-559	750 Kg. "	100	Jacks	
09-11-564	Lathe, Not gap	100	Jacks	
09-11-568	Lathe, "	100	"	
09-11-569	Lathe, "	100	"	
09-11-570	Lathe, "	100	"	
09-11-571	Lathe, "	100	"	

Code No.	Name of Machine	% of Time in Use	Products and Use	Remarks
09-11-572	Lathe, Not gap	100	Jacks	
09-11-574	Lathe, "	100	"	
09-11-576	Lathe, "	100	"	
09-11-577	Lathe, "	100	"	
09-11-578	Lathe, "	10	"	
09-11-579	Lathe, "	100	"	
09-11-581	Lathe, "	100	"	
09-11-586	Lathe, "	30	Bicycle	
09-11-587	Lathe, "	100	Jacks	
09-11-588	Lathe, "	10	"	
09-11-589	Lathe, "	100	"	
09-11-590	Lathe, "	100	"	
09-11-591	Lathe, "	100	"	
09-11-592	Lathe, "	100	"	
09-11-593	Lathe, "	100	"	
09-11-594	Lathe, "	100	"	
09-11-595	Lathe, "	10	"	
09-11-596	Lathe, "	10	"	
09-11-597	Lathe, "	100	"	
09-11-598	Lathe, "	10	"	
09-11-599	Disc grinder, Bench	100	"	
09-11-600	Lathe, Not gap	10	"	
09-11-602	Lathe, "	10	Jacks	
09-11-614	Lathe, "	10	"	
09-11-615	Disc grinder, Bench	50	" Bit grinding	
09-11-616	Lathe, Not gap	100	"	
09-11-619	Lathe, "	20	"	
09-11-620	Lathe, "	100	"	
09-11-621	Hack saw machine	100	"	
09-11-622	Hack saw machine	100	"	
09-11-624	Disc grinder	80	"	
09-11-625	Disc grinder	80	"	
09-11-626	Grinding machine, Universal, tool & cutter	80	Bicycle, cutter grinding	
09-11-627	Disc grinder	100	Jacks, Bit grinding	
09-11-628	Disc grinder	100	" "	
09-11-629	Grinding machine, Universal, tool & cutter	80	" , Cutter grinding	

Code No.	Name of Machine	% of Time in Use	Products and Use	Remarks
09-11-634	5 HP. Induction motor	10	Jacks	
09-11-636	Grinding mach, Internal	50	"	
09-11-637	Grinding mach. "	50	"	
09-11-638	Grinding mach. Cylindrical	100	"	
09-11-639	Grinding mach. "	100	"	
09-11-641	Grinding mach. External	50	"	
09-11-642	Grinding mach. "	20	"	
09-11-645	Milling mach. Horizontal	20	"	
09-11-646	Shaper, Horizontal	80	"	
09-11-647	Shaper, "	80	"	
09-11-649	Milling mach. Horizontal	100	"	
09-11-650	Milling mach. Vertical	50	"	
09-11-652	Milling mach. Horizontal	100	"	
09-11-653	Milling mach. "	100	"	
09-11-654	Slotter, Vertical	30	"	
09-11-657	Grinding mach. Surface	20	"	
09-11-658	Lathe, Not gap	20	"	
09-11-659	Lathe, "	100	"	
09-11-660	Lathe, "	100	"	
09-11-663	Lathe, "	100	"	
09-11-665	Lathe, "	10	"	
09-11-666	Lathe, "	100	"	
09-11-668	Lathe, "	100	"	
09-11-669	Lathe, "	10	"	
09-11-670	Lathe, "	100	"	
09-11-671	Lathe, "	100	"	
09-11-672	Lathe, "	100	"	
09-11-673	Lathe, "	10	"	
09-11-674	Lathe, "	10	"	
09-11-675	Lathe, "	10	"	
09-11-676	Lathe, "	10	"	
09-11-677	Lathe, "	100	"	
09-11-678	Lathe, "	10	"	
09-11-680	Lathe, "	100	"	
09-11-681	Lathe, "	100	"	
09-11-682	Lathe, "	100	"	

Code No.	Name of Machine	% of Time in Use	Products and Use	Remarks
09-11-683	Lathe, Not gap	10	Jacks.	
09-11-684	Lathe, "	100	"	
09-11-685	Lathe, "	10	"	
09-11-686	Lathe, "	10	"	
09-11-687	Manual press	20	"	
09-11-689	Drilling mach. Bench	20	"	
09-11-690	Drilling mach. "	100	"	
09-11-691	Drilling mach. Radial	100	"	
09-11-692	Drilling mach. "	10	"	
09-11-693	Air compressor	20	"	
09-11-694	Disc grinder	80	"	
09-11-695	Disc grinder	80	"	
09-11-699	Lathe, Not gap	100	"	
09-11-700	Drilling mach. 2-spindle	100	"	
09-11-701	Drillingmach. "	100	"	
09-11-702	Drilling mach. "	100	"	
09-11-703	Drilling mach. Bench	30	"	
09-11-704	Drilling mach. "	100	"	
09-11-705	Drilling mach. "	100	"	
09-11-706	Drilling mach. "	100	"	
09-11-707	Drilling mach. Upright	100	"	
09-11-708	Drilling mach. "	100	"	
09-11-709	Drilling mach. "	100	"	
09-11-710	100 KW. Transformer	100	Jacks, Power trans.	
09-11-711	100 KW. "	100	" "	
09-11-712	100 KW. "	100	" "	
09-11-717	Lathe, Not gap	20	Jigs of bicycle	
09-11-719	Lathe, "	20	" "	
09-11-722	Lathe, "	100	" "	
09-11-723	Lathe, "	100	" "	
09-11-724	Lathe, "	100	" "	
09-11-725	Lathe, "	20	Jacks	
09-11-726	Lathe, "	100	Jigs of bicycle	
09-11-728	Lathe, "	100	" "	
09-11-729	Lathe, "	100	" "	
09-11-733	Lathe, "	100	" "	

Code No.	Name of Machine	No. of Time in Use	Products and Use	Remarks
09-11-754	Lathe, Tool room	10	Jigs of bicycle	"A"
09-11-755	Disc grinder	10	" "	
09-11-756	Drilling mach. Upright	100	Bicycle	
09-11-757	Drilling mach. "	100	" "	
09-11-758	Drilling mach. "	100	" "	
09-11-760	Milling mach. Bed type	100	" "	
09-11-784	Milling mach. Horizontal	50	" "	
09-11-789	Grinding mach. Cutter	50	Jigs of bicycle	
09-11-790	Grinding mach. "	50	" "	
09-11-792	Grinding mach. External	80	" "	
09-11-793	Grinding mach. Internal	100	" "	
09-11-794	Shaper, Horizontal	100	" "	
09-11-795	Shaper, "	100	" "	
09-11-797	Shaper, "	100	" "	
09-11-800	Air compressor	100	Jacks	
09-11-801	Milling mach. Vertical	20	Jigs of bicycle	
09-11-802	Milling mach. Horizontal	100	" "	
09-11-803	Milling mach. "	100	" "	
09-11-804	Milling mach. "	100	" "	
09-11-806	Milling mach. Vertical	80	" "	
09-11-807	Milling mach. "	80	" "	
09-11-809	Drilling mach. Radial	50	Bicycle	
09-11-810	Drilling mach. "	50	Jigs of bicycle	
09-11-811	Drilling mach. Upright	50	" "	
09-11-815	Boring mach. Horizontal	10	" "	
09-11-819	Drilling mach. Bench	20	" "	
09-11-820	Milling mach. Bench	100	Bicycle	
09-11-823	Bronching mach. Hexix.	80	Jigs of bicycle	
09-11-824	Milling mach. Horizontal	10	Bicycle	
09-11-825	Milling mach. "	10	" "	
09-11-827	Drilling mach. Bench	10	" "	
09-11-830	Disc grinder	50	" "	
09-11-831	Lathe, Not gap	100	" "	
09-11-832	Lathe, "	50	Jigs of bicycle	
09-11-833	Lathe, "	100	Bicycle	
09-11-834	Lathe, "	100	" "	
09-11-835	Lathe, "	10	" "	
09-11-836	Lathe, "	10	" "	

Code No.	Name of Machine	% of Time in Use	Products and Use	Remarks
09-11-837	Lathe, Not gap	100	Bicycle	
09-11-838	Lathe, "	100	"	
09-11-840	Lathe, "	10	"	
09-11-842	Lathe, "	10	"	
09-11-849	Lathe, Turret, Vertical	0	"	
09-11-852	Milling mach. Horizontal	100	"	
09-11-853	Milling mach. "	100	"	
09-11-860	20 D.C. Dynamo	10	"	"EX"
09-11-862	Lathe, Not gap	100	Bicycle	
09-11-863	Lathe, "	100	"	
09-11-864	6 KW. D. C. Dynamo	100	"	
09-11-865	6 KW. " "	100	"	
09-11-867	Milling mach. Horizontal	100	"	
09-11-869	Milling mach. "	100	"	
09-11-870	Milling mach. "	100	"	
09-11-872	Thread miller	50	"	"EX"
09-11-873	Drilling mach. Upright	50	Jigs of bicycle	
09-11-874	Lathe, Not gap	20	Jacks	
09-11-876	Lathe, "	100	Bicycle	
09-11-877	Lathe, "	0	"	
09-11-878	Lathe, " Bench	0	"	
09-11-879	Lathe, Turret, Vertical	0	"	
09-11-880	Lathe, Not gap	0	"	
09-11-881	Lathe, "	0	"	
09-11-884	Lathe, "	100	"	
09-11-885	Lathe, "	10	"	
09-11-886	Lathe, "	10	"	
09-11-888	Lathe, "	100	"	
09-11-889	Lathe, "	100	"	
09-11-890	Lathe, "	10	"	
09-11-891	Lathe, "	100	"	
09-11-892	Lathe, "	0	"	
09-11-893	Lathe, "	100	"	
09-11-895	Lathe, "	100	"	
09-11-896	Lathe, "	100	"	
09-11-897	Lathe, "	100	"	
09-11-898	Lathe, "	100	"	
09-11-899	Lathe, "	100	"	

Code No.	Name of Machine	% of Time in Use	Products and Use	Remarks
09-11-900	Lathe, Not gap	100	Bicycle	
09-11-901	Lathe, "	100	"	
09-11-902	Lathe, "	50	"	
09-11-903	Lathe, "	100	"	
09-11-904	Lathe, "	100	"	
09-11-905	Lathe, "	100	"	
09-11-906	Lathe, "	100	"	
09-11-907	Lathe, Turret, Vertical	100	Jacks	"EX"
09-11-909	Lathe, " "	100	"	
09-11-910	Lathe, " "	100	Bicycle	
09-11-911	Lathe, " "	100	"	
09-11-912	Lathe, " "	0	"	
09-11-913	Lathe, " "	0	"	
09-11-914	Hack saw machine	100	"	
09-11-915	Hack saw machine	100	Jacks	
09-11-917	Lathe, Not gap	50	Bicycle	
09-11-918	Lathe, "	100	"	
09-11-919	Lathe, "	100	"	
09-11-920	Lathe, "	100	"	
09-11-923	Broaching machine	100	"	
09-11-924	Disc grinder	80	"	
09-11-925	Drilling mach. Bench	10	"	
09-11-939	Lathe, Not gap	100	"	
09-11-940	Lathe, "	30	"	
09-11-943	Electric furnace	0	Jigs of Bicycle	"EX"
09-11-945	Milling mach. Vertical	100	Bicycle	
09-11-946	Milling mach. "	100	"	
09-11-956	30 tons, Mechanical press, vertical	100	"	"EX"
09-11-957	30 tons, Press "	100	"	"EX"
09-11-958	30 tons, Press "	100	"	"EX"
09-11-959	30 tons, Press "	100	"	"EX"
09-11-960	50 tons, Press "	100	"	"EX"
09-11-962	100 tons, Press "	100	"	"EX"
09-11-963	100 tons, Press "	20	"	"EX"
09-11-964	Shearing machine	50	"	"EX"
09-11-961	Friction press	0	"	
09-11-965	Lathe, Not gap	100	Jacks	

Code No.	Name of Machine	% of Time in Use	Products and Use	Remarks
09-11-966	Disc grinder	50	Bicycle	
09-11-967	Drilling mach. Upright	50	Jigs of bicycle	
09-11-968	Drilling mach. "	50	" "	
09-11-969	Aircompressor	100	" "	
09-11-970	Switch Board	100	Bicycle, Power distribution	
09-11-971	Switch Board	100	" "	
09-11-974	Air compressor	10	Bicycle	
09-11-975	"	100	"	
09-11-976	"	10	"	
09-11-977	"	10	"	
09-11-980	"	50	"	
09-11-982	Mechanical press Foot	100	"	
09-11-983	Mechanical "	100	"	
09-11-984	Drilling mach. Radial	50	Jigs of bicycle	
09-11-988	Drilling mach. Bench	20	Bicycle	
09-11-989	Drilling mach. Upright	20	"	
09-11-990	Drilling mach. Bench	20	"	
09-11-991	Drilling mach. "	20	"	
09-11-992	Drilling mach. "	20	"	
09-11-993	Drilling mach. Upright	50	"	
09-11-994	Drilling mach. "	50	"	
09-11-995	Drilling mach. "	100	Jacks	
09-11-996	Disc grinder	50	Bicycle, Drill grinding	
09-11-1015	Drilling mach. Upright	100	Bicycle	
09-11-1017	Milling mach. Vertical	100	Jigs of bicycle	
09-11-1018	Millingmach. Horizontal	100	" "	
09-11-1026	Grinding mach. External	20	" "	
09-11-1029	Hack saw machine	50	Bicycle, Material cut-off	
09-11-1034	Plener, Double housing	30	Jigs of bicycle	
09-11-1035	Drilling mach. Upright	100	Bicycle	
09-11-1036	Grinding mach.	100	"	
09-11-1037	" " Centerless Surface	50	Jigs of bicycle	
09-11-1038	" " Internal	20	" "	
09-11-1041	Air compressor	100	Bicycle	
09-11-1042	Disc grinder	30	Jigs of bicycle	
09-11-1043	Lathe, Not gas	20	" "	

Code No.	Name of Machine	Time in Use	Product and Use	Remarks
09-11-1044	Lathe, Not gap	100	Bicycle	
09-11-1046	Drilling mach. bench	80	"	
09-11-1052	Hydraulic press, Manual	50	Jacks, Packing	
09-11-1053	Hydraulic press, "	50	" "	
09-11-1056	Hydraulic press, "	50	" "	
09-11-1057	Hydraulic press, "	50	" "	
09-11-1059	Manual press, "	50	" "	
09-11-1060	Manual press, "	50	" "	
09-11-1061	Manual press, "	50	" "	
09-11-1062	Manual press, "	50	" "	
09-11-1063	Manual press, "	50	" "	
09-11-1064	Manual press, "	50	" "	
09-11-1065	Manual press, "	50	" "	
09-11-1066	Manual press, "	50	" "	
09-11-1067	Manual press, "	50	" "	
09-11-1068	Manual press, "	50	" "	
09-11-1070	Manual press, "	50	" "	
09-11-1095	Hydraulic press, "	50	" "	
09-11-1113	Hydraulic press, "	50	" "	
09-11-1117	Hydraulic press, "	50	" "	
09-11-1129	Hydraulic press, "	50	" "	
09-11-1123	Hydraulic press, "	50	" "	
09-11-1039	Drilling mach. Upright	100	Bicycle	
09-11-1221	Air compressor, Vertical	0	"	
09-11-1223	Air compressor, "	100	Jacks	"EX"
09-11-1224	Air compressor, "	100	"	
09-11-1225	Air compressor, "	20	Bicycle	
09-11-1241	Drilling mach. Upright	20	Jigs of bicycle	
09-11-1246	Centrifugal separator	0	Bicycle	
09-11-1247	" "	0	"	
09-11-1250	Lathe, Not gap	20	Jacks, Packing	
09-11-1252	Disc grinder	50	Jigs of bicycle	
09-11-1273	Drilling mach. Upright	50	Bicycle	
09-11-1312	Rotary converter, AC to DC	100	" Metal plating	"EX"
09-11-1334	Air compressor	0	Jigs of bicycle	
09-11-1336	Bending roll	100	Bicycle	"EX"

Code No.	Name of Machine	% of Time in Use	Products and Use	Remarks
09-11-1337	Disc grinder	50	Bicycle	
09-11-1338	Disc grinder	50	"	
09-11-1343	12 KVA. D.C. Dynamo	100	" Metal plating	
09-11-1350	Lathe, Levelling mach.	20	Jacks, Packing	
09-11-1381	Portable Drilling mach.	50	Bicycle, Jacks and other	
09-11-1386	" "	50	" " "	
09-11-1388	Portable grinder	50	" " "	
09-11-1389	" "	50	" " "	
09-11-1392	" "	50	" " "	
09-11-1394	Portable drilling mach.	50	" " "	
09-11-1397	" "	50	" " "	
09-11-1400	" "	50	" " "	
09-11- 504	Hack sew machine	100	Jacks, Material cut-off	
09-11- 562	500 KW. Air hammer	0	Jacks	Newly planned
09-11-718	Lathe, Hot gap	30	Jacks	
09-11- 720	Lathe, "	30	"	
09-11- 729	Lathe, "	30	"	

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- NOTHING FOLLOWS -

Total — 488 machines

including 18 "EX"

" 7 "Newly Planned"

File
F-2

STATUS OF INDUSTRIAL FACILITIES

This is to make an information on the status of industrial facilities of Kayaba Industry Co., Ltd., Gifu Plant to any personnel of the Allied Forces who will come to inspect on the official business.

Drafted by:

MASARU SHIGEMATSU
Interpreter & Asst. Custodian

KAYABA INDUSTRY CO., LTD.
GIFU PLANT
No. 505, Dota-mura, Kani-gun, Gifu Pref.

STATUS OF INDUSTRIAL FACILITIES

This is to make an information on the status of industrial facilities of the Kayaba Industry Co., Ltd., Gifu Plant to any personnel of the Allied Forces who will come to inspect on the official business.

(1) Name of Factory:

Kayaba Industry Co., Ltd., Gifu Plant
(Kayaba Sangyo Kabushiki Kaisha, Gifu Seizosho)
No. 505, Dota-mura, Kani-gun, Gifu-ken.

(2) General Description of Facilities:

Capital: 20,000,000.- (Paid-up)
Head Office: Tokio Head Office
Factories: Tokio, Sen-dai, and Gifu.

(3) Industrial Survey of Gifu Plant:

A) Establishment:

Site: 4,450,000 Sq. Feet (Approximately)
Building: 550,000 Sq. Feet (")

Recently (2 January 1948) lands for 2,865,711 Sq. Feet and buildings for 72,233 Sq. Feet applied for partial exemption from the reparations program by reason of "Not required for Custody and Control."

B) Plant's Brief History:

17 Oct. 1942. Plant founded
18 July 1943. Operation started
26 Dec. 1945. Reconversion Permit granted
(Six Army Hqs. MG 343)
28 May 1946. Plant listed for reparations.

C) Number of Employees:

During war: 5,500 (Approximately)
At Present: 600 (")

(4) Industrial Category: Aircraft Industry

(5) Name of Custodian: Manager, Tanaka Masataro

(6) Reparations Survey:

A) Maintenance and Control:

a) This plant was listed in Reparations program on 28 May 1946 as "Aircraft Industry."

b) In August 1946 with the inspection of Gifu Mil. Government, 1400 machinery and equipments were listed on inventory as per G.H.Q. directives. And 26 machines were exempted by reason of "purchased items after the war" with the approval of Major Jeffery.

c) 488 machines operated as the working machines for the production of bicycles and other essential civilian commodities, and the rest maintained and controlled for reparations purpose.

d) Clean-up and repairs of machinery and carnibalization of 3rd class machinery was started in April 1947 increasing maintenance workers and engineers putting aside their own production business. It had gone pretty good way and ended in a success. Maintenance and control is under the good conditions following up to the directives of the authority of Military Government and Japanese Liaison Committee.

e) This plant was inspected in the past as follows:

22 October 1946,	Major Melgen of Tokai-Hokuriku M.G.
	Mr. Mascolla of Gifu M.G. Team.
27 October 1946,	Mr. W. Melyan of G.H.Q. - E.S.S.
9 January 1947,	Colonel Hampton and Major Berry of G.H.Q. accompanied with Mr. Mascolla.
2 February 1947,	Mr. Robinson of G.H.Q. - E.S.S.
28 May 1947,	Mr. Gillespie of G.H.Q. - E.S.S.
11 June 1947,	Mr. MacDonald of G.H.Q. - E.S.S.
Twice in '46 & '47	Major Jeffery of Gifu M.G. Team.
Often.	Sgt. Simpson, Mr. Mascolla and other members of Gifu M.G. Team.
13 February 1948,	Major Berry of G.H.Q. accompanied by Captain Coffinet of Gifu M.G.

B) Petitions for Partial Exemption of Machinery and Equipments Submitted:

a) Petitions of partial exemption of machinery were made by the following reasons, and submitted to Reparations Section of G.H.Q. through Gifu M.G. Team and Tokai-Hokuriku Mg.G. Regiment.

As Mr. S. Kayaba, the president of Kayaba Industry Co. directed formerly in addition the Dainihon Kikai Kabushiki Kaisha, one of the three biggest bicycle makers of Japan, as a President, he determined to establish a large scale bicycle manufacturing facilities under his directives, taking the advantages of his managing activities and technical engineering experiences and looked for many places suitable to the factory intended. As a result, the plant was constructed in Gifu Prefecture almost satisfying the following factors:

- 1) Located near Nagoya and Hanshin District where most of the bicycle-parts makers of Japan concentrated to, it is easy to employ skillful technical engineers and workers, and to purchase other special bicycle parts.
- 2) Located in the country, it is possible to industrialize farm-village by employing farmer's second generations as workers.
- 3) Possible to enlarge facilities if necessary.
- 4) Transportation and communication concerned is comparatively convenient.

As Japan-China Incident, however, went on to worse, the plant was forced to convert to manufacture the Aircraft parts inevitably in accordance with the Military Government Order of Japan.

During the war, Oleo shock absorber, Hydraulic gears, Leather packings were the main items of production; after the war, we started to convert the plant to manufacture bicycles as formerly planned. Before every facility concerned bicycles got ready, household utensils, centrifugal pumps, flour mills with roller apparatus, barley pearling mills, dumping wagons, leather packings and hydraulic jacks were produced as temporary products items, which were quitted to produce except hydraulic jacks when bicycles brought to a ready condition to manufacture. At the beginning we were operating 26" sized bicycle for the export purpose. Making the bicycle is one of the most important product not only

for domestic, but for export purpose, we are aiming at 10,000 sets of bicycle per month. Provided with sufficient raw materials, it would be possible to make 3,000 bicycles monthly with the present facilities and workers. (it amounts approximately 10% of bicycle output throughout Japan.) And for this purpose we need 488 machines to be exempted from the removal of reparation items.

b) Any definite answers not yet received from G.H.Q. for the above petitions. No confirmation was made in any writings, but Mr. Mascolla of Gifu M.G. Team made an information by oral that the petitions of exemption were understood quite reasonable by the Reparation officers of G.H.Q., but not enough to be exempted from the list by the following reasons: 1) was an aircraft industry, 2) construction and operation started during the war, (this might be understood the plant built purposely for war) 3) reasons for exemption are not sufficient. And he added that they also understood that bicycle industry be possibly one of the most important industry for the national recovery and Kayaba would be one of the best makers in Japan. They did expect much of production to be increased as Kayaba already formerly planned. They also agreed that the removal of machines from the plant should be postponed as late as possible.

c) Machinery and Equipments listed on Inventory:

1st class:	948,	(Not-working: 534,	Working: 414)
2nd class:	397,	(Not-working: 323,	Working: 74)
3rd class:	31,	(Not-working: 31,	Working: 0)
Total:	1,376,	(Not-working: 888,	Working: 488)

Name of machinery and equipments as per the list attached. (Re: List No. 1)

Location and Classification of machinery and equipments as per the list attached. (Re: List No. 2 & 3)

(7) Production Survey:

A) Products during the war were Oleo shock absorber, Hydraulic jack and gear, Leather packings for aircraft use. The actual product rates for each item per year is as follows:

Yearly	Products	Output valued in Yen
1943	Oleo shock absorber Hydraulic jack and gear Leather packing	15,000,000.-
1944	Oleo shock absorber Hydraulic jack and gear Leather packing	38,000,000.-
1945	Oleo shock absorber Hydraulic jack and gear Leather packing	33,600,000.- 9,600,000.- 2,400,000.-
	T o t a l	98,600,000.-

B) Production After the War:

a) Reconversion permit granted on the following productive items as per Six Army Hqs. MG 343, dated 26 Dec. 1945:

- a. Agricultural machinery and equipments.
- b. Pumps.
- c. Farm engines.
- d. Marine engines for fishing boats.
- e. Electrical machinery including rock drills, electrical drills, portable electric grinders.
- f. Electric buffers.
- g. Manufacture and repair of vehicles.
- h. Civil Engineering machinery.
- i. Concrete mixers.
- j. Jack-hammers.
- k. Trolley cars.
- l. Wrenches.
- m. Crushers.
- n. Bicycles.
- o. Baseball bats.
- p. Skis.

b) With the reconversion permit as mentioned above, production on the following items was actually made for temporary purpose orderly arranged before the making of bicycles started as formerly planned: Household utensils, Agricultural implements — such as axes, hoes, and shovels— Centrifugal pumps, Flour mills with roller apparatus,

Barley pearling mills, Dumping wagons, Hydraulic jacks, Leather packings for water pipe use, and Air-pumps for bicycle use were selected as temporary productive items for the essential civilian commodities. On the other hand, every necessary step for bicycle was taken during this period on machinery and equipments, on engineers and workers, on materials and on sub-contractors. It was decided to make a standard type of bicycle and the hydraulic jacks as the two main productive items.

c) Bicycle Production Came to First:

A trial-making of 26" sized bicycle came to a success in July 1946. Since after August 1946 the operation of bicycle product was started succeedingly and the monthly output increased gradually, aiming at 3,000 sets of bicycle per month. Our best efforts were concentrated to manufacture of 26" bicycle as one of the main product and next to hydraulic jack. (A sample of which is exhibited in Gifu M.C. Team Sample Window.)

Besides making of complete bicycles, the following 5 main parts are in operation of this plant - frames, handles, gear-crank, free-wheels, and mud-guards. Those five are for own-made items, pedals and brakes for sub-contracted items, and other small parts and special parts, such as rubber goods, are for purchased items. We are located near great convenient market, such as Nagoya and Hanshin District, to where most of the great bicycle-parts makers in Japan concentrated.

Furthermore aiming to produce 10,000 sets of bicycle monthly, a plan was made to appropriate six buildings - 30,000 sq. feet site each building - and to operate 488 machines for the production facilities. Monthly production capacity of this plant will be certainly 3,000 bicycles with the present workers and machinery.

Still remained 550,000 sq. feet site including 15 building - 30,000 sq. feet site per each building - and not damaged by air-raid during the war, we reserve plenty of potential power for future bicycle production if it is needed.

d) A Plan to make 28" sized Bicycle for Export

Purpose:

Not experienced in bicycle works, we made a good deal of engineering faults in the beginning, but after twelve

months passed by, we have experienced pretty useful engineering skills in the course of outputting of 3,600 bicycles. In the event of "Bicycle Load Race" held in April 1947 from Osaka to Tokio under the auspices of Japan Bicycle Association, our bicycle showed pretty excellent results. With passed through a product test of 28" bicycle, we came to be confident by ourselves of our own technical skills and 204 sets of bicycles were despatched for export for Mariana in May 1947. Seeing the importance of bicycle industry, we are planning to keep on making 28" sized bicycles for future export product.

(B) Labor Concerns:

a) Labor History of the Plant:

Labor of this plant is originated in Tokio, most of the employees had been transferred from our Tokio Plant, as mentioned above, to establish a plant at this place. During the war, 5300 hands were employed including boys and girls, students, and conscripted workers; after the war, 1000 members remained to reconvert the plant, and most of them were those who came down from Tokio accompanied with their families to settle themselves hereabout. And they were also the leading members of the company. They are farming their own farmyards and harvest their rices, corns and vegetables to eat.

b) Labor Union:

Being located in the country and moved in from Tokio, the living and working conditions here are comparatively favorable than town for the employees to work up their jobs. Therefore they are under the circumstances that no serious labor problems or disputes could not hardly be occurred at any case.

The labor union was organized in October 1945 under the leadership of Mr. Y. Kamiyama, who was 34 years old and of Social Democrat Party. At the first general meeting, he proposed to purge the unfavorable members out of the plant, and requested the management to raise up wages to increase production so far as the employees can easily afford to support their families. This proposal was accepted by the management with the conditions that the management should do their best at their earliest convenience.

c) Labor Agreements:

The "Labor Agreements" contracted between labor and capital with the following conditions: (November 1946)

- 1) The collective bargaining rights granted by capital.
- 2) The company shall be responsible to guarantee the living and welfare of the Union members.
- 3) The union members shall be under the obligation to work with sincerity for a respectable maintenance and prosperity of the company.
- 4) The "Managing Council" shall be put to force by the representatives elected from both management and labor union.
- 5) The "Managing Council" will discuss on any problems concerning to the labor conditions and welfare of the employees, and manufacturing, marketing, planning, accounting, and personeling.
- 6) Any disputes or strikes shall not be taken action before they are to be approved through the Managing Councils or through arbitration or recommendations of the Labor Arbitration Law.
- 7) Even when any disputes or strikes shall come to be effective, no excuse for both parts to abandon or neglect the duties of maintenance and control of the reparations machinery and equipments.
- 8) The "Labor Agreements" shall be drafted every six months by both sides and be signed.

d) Labor Disputes:

First labor disputes took place in February 1946. Mr. J. Kumagai, the manager, was dishonourable and did not keep his words. Besides this, he conspired to try to break the labor union and to exile Mr. Kamiyama, the chief of the union, and some other leading members of the union by reasons that they hindered co-operation of the plant. In consequence, through the general meeting of capital and labor it was decided Mr. Kumagai to be transferred to Tokio Head Office and to purge other staffs who took part in Kumagai conspiracy.

After that Mr. Kamiyama planned personally to establish a new company under his directives with some ex-members of the plant taking the advantages of his Union-Chief position. This plan was baffled at the "Managing Council" and he was purged out of his position.

Second labor disputes had happened in July 1947, when Mr. I. Sato was leading the labor union. In those days, the labor disputes were rampant throughout Japan to raise up their monthly incomes to meet the oppression of the current inflation. The union put a proposal of the following requests to the management:

- 1) The management is not responsible to its faults:

Through the past three years after the war-end, the management did not pay any attentions to improve their managing attitudes, although they have been so often advised or suggested through the Managing Councils by the Union members to take its responsibilities. This attitudes to pay no attentions brought the situations to the worst case; on labor part, no willing to work more; on capital part, monetary operation came to hard and critical phase.

The management is requested, therefore, to improve or change its attitudes or ideas to accept the Union's suggested remedies; that is, the planning section is not active; the business section should be lead by more powerful chief; the purchasing section is too poor and dishonesty to get through the business in future.

- 2) The Labor requested ¥2,200.- monthly payment in average:

Current inflation is so rampant that the employees could not afford to keep livings with ¥1,800.- monthly income. It would not be a matter of difficult to pay ¥2,200.- monthly, provided the management should improve its attitudes reasonably as suggested by the Union.

For this request the following answers were made by the management in due time:

- 1) As for the organization, some other consideration should be taken in near future. And the management hopes that the Union would recognize the present staffs of those sections to be of the best ones that could be chosen.

- 2) As to raise up the monthly income, it could not be done any way. Of course the management is willing to accept this kind of requests, but no funds at all on hands to pay up. So let us find the way to go through. This must be a matter of reciprocal interests to be studied between labor and capital.