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

Description of contents

(1) Box no. 2894

(2) Folder title/number: (10)
Nakanishi Jikuuke K.K. - Kawachi Plant

(3) Date: Nov. 1945 - Nov. 1949

(4) Subject:

Classification	Type of record
9230, 9621	z

(5) Item description and comment:
i) Osaka
ii) Includes Contents Lists (Divided)

(6) Reproduction: (Yes) No

(7) Film no. Sheet no.

(Compiled by *National Diet Library*)

SECTION I — I-A	
DATE	SUBJECT
10 Mar 47	Inventory Made by General Contractor's Association in Japan
10 Mar 47	Inventory Made by General Contractor's Association of Japan
27 Feb 47	Inventory Form

Name: Nebraska Ordnance Plant Code No. 32-1-16

Date 14 July 49

SECTION I
INVENTORY DATA

1.	Total items originally inventoried:	1
2.	Originally inventoried items not available for allocation:	
	a. EX items	
	(1) Originally inventoried EX	0
	(2) Subsequently deleted from EX classification	0
	(3) Total (line a(1) less line d(2))	0
	b. Subsequently released from custody	0
	(1) Woodworking*	0
	(2) Others*	0
	c. Destroyed SP*	0
	d. Subsequent losses from fire, theft, etc*	0
	e. Released from dispersed location*	0
	f. Shipped to TID*	0
	g. Removed under PD*	0
	h.	
	i.	
3.	Total deduction from original inventory	0
4.	Item missed from original inventory-subsequently picked up	5
5.	Adjusted original inventory total (line 1 less line 3, plus line 4)	44
6.	Subsequent additions to inventory	
	a. Returned PD'd items*	0
	b. Added on evaluation	0
	c. New Construction per Auth.	254
	d.	
7.	Inventory total	298
8.	"U" items	0
9.	Total items available for allocation (line 7 less line 8)	298

SECTION II
MISCELLANEOUS

1. Non-inventoried items shipped to TID 0
2. Items inventoried under other plant code numbers: (Not included in line 9, Sec I)
3. Authorized transformer capacity _____ KW
4. EX items subsequent to original inventory 254 Estimated

* See reverse side

I VENTORY FORM FOR MACHINE TOOL AND RALL AND ROLLER BEARING PLANTS

Date July 1949

Name of Company Nakanishi Kinzoku K.K. Related SCAPIN # _____

Name of Plant Kawadhi Plant. Code # 116

Address of Plant Neyagawa -cho, Kitakawachi-gun Osaka Pref.

	Number Marked
I. METAL WORKING MACHINES	620
A. Machine Tools	196
1. Boring machines	0
2. Broaching machines	0
3. Drilling machines	29
4. Gear cutting and Sineshing machines	0
5. Grinding machines	20
6. Lathes	120
7. Milling machines	7
8. Planers	0
9. Miscellaneous machine tools	20
B. Secondary Metal Forming and Shaping and Equipment	413
1. Bending machines	0
2. Hydraulic presses	0
3. Manual presses	124
4. Mechanical presses	255

INVENTORY FORM FOR MACHINE TOOL AND
BALL AND ROLLER BEARING PLANTS

Date July 1949

Name of Company Nakanishi Kinzoku K.K. Related SCAPIN # [illegible]

Name of Plant Kawachi Plant. Code # 116

Address of Plant Neyagawa-cho Kitagawachi-gun. Osaka Pref.

		Number Marked	
B.	Secondary Metal Forming and Shaping and Equipment(Cont'd)		
	5. Shearing and punching machines	2	
	6. Forging machinery	1	
	7. Wire foming machines	0	
	8. Miscellaneous	31	
	9. Other metal working machinery and equipment	0	
C.	Miscellaneous Metal Working Equipment		11
	1. Wellding machines, all type	4	
	2. Testing and mearing machines, all types	0	
	3. Miscellaneous physical property testing	0	
	4. Heat treating equipment	2	
	5. Portable metal working machines	5	
II.	ELECTRICAL MACHINERY AND APPARATUS		45
A.	Electrical Rotating Equipment		26
	1. Generators	0	
	2. Motor (5 HP and Over)		

INVENTORY FORM FOR MACHINE TOOL AND
BALL AND ROLLER BEARING PLANT

Date July 1949

Name of Company Nakanishi Kinzoku K.K. Related SCAPIN # _____

Name of Plant Kawachi Plant Code # 116

Address of Plant Neyagawa-cho, Kitagawachi-gun Osaka Pref.

	Number Marked	
A. Electrical Rotating Equipment(Cont'd)		
3. Motor Generators	3	
4. Freguency changers	0	
5. Converters and inverters	0	
6. Generator sets (Direct coupled to prine mover)	0	
B. Primary Electric Power Transmission and Distribution Equipment		19
1. Transformers	10	
2. Switch	9	
III. GENERAL PURPOSE INDUSTRIAL MACHINERY AND EQUIPMENT		1
A. Engines and Turbines		0
1. Steam engines	0	
2. Steam Turbine	0	
3. Internal conbustion	0	
B. Compressors and pumps		1
1. Compressors and Dry vacuum pumps	0	
2. Pumps	1	
C. Miscellaneous Machinery and Equipment		0
1. Power boilers	0	
2. Cranes	0	

INVENTORY FORM FOR MACHINE TOOL AND
BALL AND ROLLER BEARING PLANTS

Date July 1949

Name of Company Nakanishi Kinzoku K.K. Related SCAPIN # _____

Name of Plant Kawachi Plant. Code # 116

Address of Plant Neyagawa-cho, Kitakawachi-gun, Osaka Pref.

	Number Marked
IV. MISCELLANEOUS	254
A.	254
1. Motor (Under 5 HP)	4
2. Micrometer (Under 200m/m)	18
3. Dial Gauge (1/100)	8
4. Inside callipers	10
5. Vernia callipers	6
6. Outside callipers	10
7. Wire gauges	5
8. Squares	6
9. Surface gauges	10
10. Die handle	3
11. Moris taper socket	6
12. Line shaft	136
13. Watt-hour meter	7
14. Electric condenser	3
15. Vice	1
16. Ammetor	4
17. Anvil	3
18. Chain block	2
19. Switch board	3
20. Surface plate	9

LIST OF ADDITIONAL INVENTORIED ACCESSORIES

CODE NO. 30-116

NAME OF COMPANY NAKANISHI KINZOKU KOGYO K.K.

NAME OF PLANT KAWACHI PLANT

Main Machine	Code No.	Item of Accesories	Accessories Kept Seperately in Box
Drilling Machines	LA3-4(a)	Motor a.c. 1/3 HP	
	-4(b)	Drill Chuck	
	-5(a)	Motor a.c.5HP	
	-11(a)	Motor a.c. 1/4 HP	
	-15(b)	Drill Chuck.	
	-17(b)	Ditto	
	-20(b)	Ditto	
	-25(b)	Ditto	
	-29(a)	Motor a.c. 1/3 Hp	
Grinding Machine	LA5-7(a)	Motor a.c. 1/4 HP	
	-11(b)	Magnetic Chuck.	
	-16(a)	Motor a.c. 1HP	
Lathe	LA6-1(b)	Driving Plete.	
	-2(b)	3 jaw Chudk.	
	-2(c)		Change Gear 12 pcs
	-4(b)	3jaw Chuck.	
	-4(c)		Change Gear 24 pcs
	-5(b)	3 Jaw Chuck	
	-7(b)	Ditto	
	-7(c)		Change Gear 24 pcs
	-8(b)	3 jaw Chuck	
	-8(c)		Change Gear 21 pcs
	-9(b)	3 jaw Chuck	
	-9(c)		Change Gear 24 pcs
	-10(b)	3 jaw Chudk	
	-10(c)	Face Plate	
	-10(d)		Change Gear 12 pcs
	-11(b)	3jaw Chuck	
	-11(c)		Change Gear 12 pcs
	-12(b)	3jaw Chuck	
	-13(b)	Ditto	
	-13(c)		Change Gear 1 pcs
	-14(b)	3 jaw Chuck	
	-15(b)	Ditto	
	-16(b)	Driving Plate	
	-16(c)		Change Gear 10 pcs
	-17(b)	3jaw Chuck	
	-20(b)	Ditto	
	-21(b)		Change Gear 4 pcs
	-22(b)	3 jaw Chuck	
	-22(c)		Change Gear 4pcs
	-23(b)	3 jaw Chuck	
	-23(c)		Change Gear 4pcs
	-24(b)	4 jaw chuck	
	-24(c)	3 jaw chuck	
	-24(d)		Change Gear 15pcs

Main Machine	Code No.	Item of Accessories	Accessories Kept Separately in Box.
Lathe	1A[illegible]-25(b)	3 jaw Chuck	
	-25(c)		Change Gears 24 pcs.
	-26(b)	3 jaw Chuck	
	-26(c)		Change Gears 24 pcs.
	-27(b)	4 jaw Chuck	
	-27(c)	3 jaw Chuck	
	-27(d)		Change Gears 15 pcs.
	-28(b)	3 jaw Chuck	
	-29( )	Ditto	
	-30(b)	3 jaw Chuck	
	-30(c)		Change Gears 4 pcs.
	-32(b)	Face Plate	
	-34( )	Driving Plate	
	-37(b)	3 jaw Chuck	
	-37(c)		Change Gears 4 pcs.
	-39(b)	Driving Plate	
	-39(c)	3 jaw Chuck	
	-40(b)	4 jaw Chuck	Change Gears 13 pcs.
	-40(c)		Change Gears 13 pcs.
	-42(b)	3 jaw Chuck	
	-42(c)		Change Gears 9 pcs.
	-43(b)	Driving Plate	
	-44(b)	3 jaw Chuck	
	-45(b)	Driving Plate	
	-46(b)	Ditto	
	-47(b)	Ditto	
	-48(b)	3 jaw Chuck	
	-48(c)		Change Gears 27 pcs.
	-50(b)		Change Gears 18 pcs.
	-51(b)	Driving Plate	
	-55(b)	3 jaw Chuck	
	-57(b)	4 jaw Chuck	
	-57(c)	3 jaw Chuck	
	-57(d)		Change Gears 32 pcs.
	-58(b)	4 jaw Chuck	
	-58(c)	3 jaw Chuck	
	-58(d)		Change Gears 20 pcs.
	-59(b)	4 jaw Chuck	
	-59(c)	3 jaw Chuck	
	-59(d)		Change Gears 22 pcs.
	-61(b)	3 Jaw Chuck	
	-61(c)		Change Gears 24 pcs,
	-62(b)	4 jaw Chuck	
	-63(b)	4 jaw Chuck	
	-63(c)	3 jaw Chuck	
	-63(d)	3 Sturdy Rest	
	-63(e)		Change Gears 19 pcs.
	-66(b)	Face Plate	
	-66(c)	Driving Plate	
	-67(b)		Change Gears 2 pcs.
	-68(b)	4 jaw Chuck	
	-68(c)	3 jaw Chuck	
	-68(d)		Change Gears 16 pcs.
	-69(b)	4 jaw Chuck	
	-70(b)	Ditto	

Main Machine	Code No.	Item of Accessories	Accessories Kept Separately in Box.
Lathe	1A6-71(b)		
	-72(b)	3 jaw Chuck	Change Gears 16 pcs.
	-72(c)	Face Plate	
	-72(d)		Change Gears 4 pcs.
	-73(b)	3 jaw Chuck	
	-73(c)	Face Plate	
	-73(d)		Change Gears 4 pcs.
	-74(b)	4 jaw Chuck	
	-74(c)		Change Gears 16 pcs.
	-74(d)	3 jaw Chuck	
	-75(c)		Change Gears 4 pcs.
	-76(b)	4 jaw Chuck	
	-76(c)	Driving Plate	
	-76(b)	4 jaw Chuck	
	-76(c)	Ditto	
	-76(c)	Face Plate	
	-76(d)	Driving Plate	
	-76(e)		Change Gears 20 pcs.
	-80(b)	3 jaw Chuck	
	-80(b)	Ditto	
	-80(c)	Face Plate	
	-80(d)		Change Gears 4 pcs.
	-85(b)	3 jaw Chuck	
	-85(c)	Face Plate	
	-85(d)		Change Gears 4 pcs.
	-86(b)	Face Plate	
	-86(c)		Change Gears 4 pcs.
	-87(b)	3 jaw Chuck	
	-87(c)	Face Plate	
	-87(d)		Change Gears 20 pcs.
	-88(b)	3 jaw Chuck	
	-88(c)	Face Plate	
	-88(d)		Change Gears 21 pcs.
	-89(b)	4 jaw Chuck	
	-89(c)	Face Plate	
	-89(d)		Change Gear pc.
	-90(b)	4 jaw Chuck	
	-90(c)	Face Plate	
	-90(d)		Change Gears 20 pcs.
	-91(b)	3 jaw Chuck	
	-91(c)		Change Gears 15 pcs.
	-92(b)	4 jaw Chuck	
	-92(c)	Face Plate	
	-92(d)		Change Gears 8 pcs.

Main Macine	Code No	Item of Accessories	Accessories Kept Separatery in Box
Lathe	IA6-94(b)	4 jaw Chuck	
	-94(c)	Face Plate	
	-94(d)		Change Gears 20 pcs
	-95(b)	4 jaw Chuck	
	-95(c)	Face Plate	
	-95(d)		Change Gears 4 pcs
	-96(b)	Driving Plate	
	-97(b)	Ditto	
	-99(b)	Ditto	
	-100(b)	Ditto	
	-105(b)	3 jaw Chuck	
	-106(b)	4 jaw Chuck	
	-106(c)	Face Plate	
	-106(d)		Change Gears 20 pcs.
	-107(b)	3 ja Chuck	
	-107(c)		Change Gears 2 pcs.
	-108(b)	3 jaw Chuck	
	-110(b)	Ditto	
	-110(c)		Change Gears 4 pcs.
	-112(b)	3 jaw Chuck	
	-112(c)		Change Gears 11 pcs.
	-113(b)	3 jaw Chuck	
	-113(c)		Change Gears 11 pcs.
	-115(b)	3 ja Chuck	
	-116(b)	Ditto	
	-116(c)		Change Gears 10 pcs.
	-117(b)	3 ja Chuck	
	-117(c)	Face Plate	
	-117(d)		Change Gears 20 pcs.
	-118(b)	3 ja Chuck	
	-118(c)	Face Plate	
	-118(d)		Change Gears 20 pcs.
	-120(b)	3 jaw Chuck	
	-120(c)	Driving Plate	
Milling Machine	1A7- 1(a)	Motor a.c. ½ HP	
Ditto	- 3(b)	3 jaw Chuck	
Ditto	- 3(c)	Index	
Ditto	- 5(a)	Motor a.c. 5 HP	
Ditto	- 5(b)	Turf Plate	
Ditto	- 6(b)	3 jaw Chuck	
Ditto	- 6(c)	Index	
Ditto	1A9- 7(b)	3 jaw Chuck	
Shaper	1A9- 9(b)	Vice	
Ditto	-10(b)	Ditto	
Ditto	-11(a)	Motor a.c. 5 HP	
Ditto	-11(b)	Vice	

Main Machine	Code No.	Item of Accessories	Accessories Kept Separately in Box
Cutting Machine	1A9-12(a)	Motor a.c. ½ HP	
Ditto	-13(a)	Motor a.c. ¾ HP	
~~Surface Grinder~~	~~1A5-11(b)~~	~~Magnetic Chuck~~	
Mechanical Press	1B4-16(a)	Motor a.c. 3HP	
Shears	1B5- 2(a)	Ditto 2 HP	
Exhaust Fan	1B6-11(a)	Ditto 2 HP	
Blower	-15(a)	Ditto 2 HP	
Ditto	-16(a)	Ditto 2 HP	
Wood Saw	-30(a)	Ditto HP	
Mechanical Press (Motor)	1B6-160 (b)	Electric Condenser	2 pcs.
Ditto	-160 (c)	Ammeter	
Ditto	-161 (b)	Electric Condenser	
Ditto	-162 (c)	Ammeter	
Ditto	-162 (b)	Electric Condenser	2 pcs.
Ditto	-162 (c)	Ammeter	
Ditto	-224 (b)	Electric Condenser	2 pcs.
Ditto	-224 (c)	Ammeter	
Ditto	-225 (b)	Ammeter	
Motor	IIA2- 1(b)	Electric Condenser	2 pcs.
Ditto	Ditto-1(c)	Motor Starter	
Ditto	- 1(d)	Ammeter	
Ditto	- 2(b)	Motor Starter	
Ditto	- 2(c)	Ammeter	
Ditto	- 3(b)	Electric Condenser	
Ditto	- 3(c)	Motor Starter	
Ditto	- 3(d)	Ammeter	
Ditto	- 4(b)	Electric Condenser	
Ditto	-4(c)	Motor Starter	
Ditto	- 4(d)	Ammeter	
Ditto	- 5(b)	Electric Condenser	
Ditto	- 5(c)	Motor Starter	
Ditto	- 5(d)	Ammeter	
Ditto	- 6(b)	Electric Condenser	
Ditto	- 6(c)	Motor Starter	
Ditto	- 6(d)	Ammeter	

Main Machine	Code No.	Item of Accessories	Accessories Kept Seperately in Box
Motor	11A2- 7(b)	Motor Starter	
	- 7(c)	Ammeter	
	- 8(b)	Electric Condenser	
	- 8(c)	Motor Starter	
	- 8(d)	Ammeter	
	- 9(b)	Electric Condenser	
	- 9(c)	Motor Starter	
	- 9(d)	Ammeter	
	- 10(b)	Motor Starter	
	- 10(c)	Ammeter	
	- 11(b)	Electric Condenser	
	- 11(c)	Motor Starter	
	- 11(d)	Ammeter	
	- 12(b)	Electric Condenser	
	- 12(c)	Ammeter	
	- 13(b)	Electric Condenser	
	- 13(c)	Motor Starter	
	- 13(d)	Ammeter	
	- 14(b)	Electric Condenser	
	- 14(c)	Motor Starter	
	- 14(d)	Ammeter	
	- 15(b)	Electric Condenser	
	- 15(c)	Motor Starter	
	- 15(d)	Ammeter	
	- 16(b)	Electric Condenser	
	- 16(c)	Motor Starter	
	- 16(d)	Ammeter	
	- 17(b)	Motor Starter	
	- 17(c)	Ammeter	
	- 19(b)	Electric Condenser	
	- 19(c)	Motor Starter	
	- 19(d)	Ammeter	
	- 20(b)	Electric Condenser	
	- 20(c)	Motor Starter	
	- 20(d)	Ammeter	
	- 22(b)	Motor Starter	
	- 22(c)	Ammeter	
Generator	11A3- 2(b)	Potential Regurator	
	- 2(c)	Switch Board	
	- 3(b)	Potential Regurator	
	- 3(c)	Switch Board	

Main Machine	Code No.	Item of Accessories	Accessories Kept Separately in Box.
Blower	EX-2019(a)	Motor a.c. $\frac{1}{8}$ HP	
Fream Testing	EX-2021(a)	Ditto $\frac{1}{3}$ HP	
Drying Furnace	EX-2026(b)	Motor Starter	2 pcs.
	-2026(c)	Ammeter	2 pcs.
	-2028(b)	Motor Starter	2 pcs.
	-2028(c)	Ammeter	2 pcs.
	-2030(b)	Motor Starter	2 pcs.
	-2030(c)	Ammeter	2 pcs.
	-2032(b)	Motor Starter	2 pcs.
	-2032(c)	Ammeter	2 pcs.
	-2034(b)	Motor Starter	2 pcs.
	-2034(c)	Ammeter	2 pcs.
	-2036(b)	Motor Starter	2 pcs.
	-2036(c)	Ammeter	2 pcs.

Main Machine	Code No.	Item of Accessories	Accessories Kept Separately in Box
Drilling Machine	1A3-1		None
	-2		None
	-3		None
	-6		None
	-7		None
	-8		None
	-9		None
	-10		None
	-12		None
	-13		None
	-14		None
	-16		None
	-18		None
	-18		None
	-21		None
	-22		None
	-23		None
	-24		None
	-26		None
	-27		None
	-28		None
Griding Machine	1A5- 1		None
	-2		None
	-3		None
	-4		None
	-5		None
	-6		None
	-8		None
	-9		None
	-10		None
	-12		None
	-13		None
	-14		None
	-15		None
	-17		None
	-18		None
	-19		None
	-20		None
Lathe	1A6- 3		None
	- 6		None
	-18		None
	-19		None
	-31		None
	-33		None
	-35		None
	-36		None
	-41		None
	-49		None
	-52		None
	-53		None
	-54		None

Main Machine	Code No.	Item of Accessories	Accessories Kept Separately in Box
Lathe	1A6-56	None	
	-60	None	
	-64	None	
	-65	None	
	-81	None	
	-82	None	
	-83	None	
	-93	None	
	-98	None	
	-101	None	
	-102	None	
	-103	None	
	-104	None	
	-109	None	
	-111	None	
	-114	None	
	-119	None	
Milling Machine	1A7- 2	None	
	-4	None	
	-7	None	
Turret	1A9- 1	None	
	-2	None	
	-3	None	
	-4	None	
	-5	None	
	-6	None	
Shaper	-8	None	
Buffing Machine	-14	None	
	-15	None	
	-16	None	
	-17	None	
	-18	None	
	-19	None	
	-20	None	
Manual Press	1B3- 1	None	
	to	None	
	-184	None	
Mechanical Press		None	
	1B4-1	None	
	to		
	1B4-159	None	
	-163		
	-164	None	
	-165	None	
	-167	None.	
	to		
	1B4-223	None	
	-226	None	
	to		
	1B4-235	None	
Cutting Machine	1B5-1	None	
Forging Machine	1B6-1	None	
Tumbler	1B8- 1	None	

Main Machine	Code No.	Item of Accessories	Accessories Kept Separately in Box
Tumbler	1B8-1	None	
	-2	None	
	-3	None	
	-4	None	
	-5	None	
Bending Machine	-6	None	
Blower	-7	None	
	-8	None	
Tumbler	-9	None	
	-10	None	
	-12	None	
	-13	None	
	-14	None	
Bending Machine	-17	None	
	-18	None	
Tumbler	-19	None	
Tension Roll	-20	None	
	-21	None	
Bending Machine	-22	None	
	-23	None	
Cutting Machine	-24	None	
	-25	None	
Bending Machine	-26	None	
Cutting Machine	-27	None	
Bending Machine	-28	None	
Blower	-29	None	
Bending Machine	-31	None	
Welding Machine	1C1- 1	None	
	-2	None	
	-3	None	
	-4	None	
Furnace	1C4 -1	None	
	-2	None	
Electric Drill	1C5 -1	None	
	-2	None	
Electric Grinder	-3	None	
	-4	None	
	-5	None	
Motor	11A2-20	None	
	-21	None	
	-23	None	
Generator	11A3- 1	None	
Transformer	11B1- 1 to -10	None	
Switch	11B2- 1 to -9	None	
Pump	111B4 -1	None	

Masao Yanauchi

Masao Yanauchi
Custodian

Report on Use of Machine Tools, Accessaries, Cutting Tools and Precission Measuring Machines

Code No. 32-116

Name of plant: Niwaji Nagagawacho Kawachi-gun Osaka
Nakanishi Kinzoku K.K. Kawachi plant Prof.

Precission Measuring Machines

Item	Required	Remaining	Item	Required	Remaining
Dial gauge $\frac{1}{100}$	11	8	Centre Gauge	140	—
" $\frac{1}{1000}$	1	—	Bore Measuring mm	22	—
Micrometer 0~25 mm	3	9	Depth Micrometer $\frac{25}{50}$	1	—
-"- 25~50	3	5	-"- 0~100	1	—
-"- 50~75	3	3	-"- 50~75	1	—
-"- 75~100	3	1	Gass Gauge	1	—
-"- 100~125	1	—	Measuring Micro-Scope	1	—
-"- 125~150	3	—			
-"- 150~175	1	—	Pitch Gauge	2	—
-"- 175~200	3	—			
-"- 200~225	1	—			
Vernia Callipers 5"	1	—			
-"- 6"	1	1			
-"- 8"	2	3			
-"- 10"	1	1			
-"- 12"	9	1			
-"- 13"	2	—			
Wire gauge	1	5			
Block gauge	1	—			
Thermo Couple	1	—			
Thermometer 1200°C	3	—			
Radius Gauge	21	—			

Cutting Tools

Item	Required	Remaining	Item	Required	Remaining
Drill 1.1 mm	35	—	Drill 4.2 mm	24	—
— " — 1.2 mm	10	—	— " — 4.4	18	—
— " — 1.3	18	—	— " — 4.5	45	—
— " — 1.4	6	—	— " — 4.6	30	—
— " — 1.5	—	—	— " — 4.7	65	—
— " — 1.6	53	—	— " — 4.8	66	—
— " — 1.7	21	—	— " — 4.9	—	—
— " — 1.8	60	—	— " — 5.0	—	—
— " — 1.9	70	—	— " — 5.1	—	—
— " — 2.0	28	—	— " — 6.0	12	—
— " — 2.1	12	—	— " — 6.4	30	—
— " — 2.2	—	—	— " — 6.6	24	—
— " — 2.6	—	—	— " — 6.8	—	—
— " — 2.7	66	—	— " — 6.9	13	—
— " — 2.8	62	—	— " — 7.0	30	—
— " — 2.9	100	—	— " — 7.1	36	—
— " — 3.1	300	—	— " — 7.5	24	—
— " — 3.2	90	—	— " — 8.0	40	—
— " — 3.3	18	—	— " — 8.2	—	—
— " — 3.4	12	—	— " — 8.3	6	—
— " — 3.5	40	—	— " — 8.4	24	—
— " — 3.6	—	—	— " — 8.7	30	—
— " — 3.7	24	—	— " — 8.8	18	—
— " — 3.8	30	—	— " — 8.9	12	—
— " — 3.9	54	120	— " — 9.1	24	—
— " — 4.1	—	—	— " — 9.2	—	—

Cutting Tools

Item	Required	Remaining	Item	Required	Remaining
Drill 9.3 mm	25	150	Reamer 7/8"	12	—
—11— 10.5"	20	—	" 1 3/8"	6	—
—11— 12.0	12	—	Taper Reamer 7 mm	12	4
—11— 16.0	25	—	File 4"	20	150
—11— 20.5	36	—	6" (Tri)	12	
—11— 21.0	52	—	6" (Hand)	54	
—11— 22.0	48	—	6" (Square)	90	—
—11— 22.5	180	10	6" (Round)	60	
—11— 23.0	14	—	6" (Pit saw)	6	
—11— 23.5	27	—	—11— 8" (Tri)	34	
—11— 11/16	24	—	—11— (Hand)	24	
—11— 1/16	52	—	—11— (Square)	60	—
—11— 5/64	31	—	—11— (Round)	30	
—11— 3/32	88	—	—11— (Pit saw)	21	
—11— 11/64	71	—	10" (Tri)	30	
—11— 27/64	45	—	—11— (Hand)	72	
—11— 15/32	34	—	10" (Square)	300	60
Reamer 5 mm	12	—	10" (Round)	106	
—11— 7	18	4	10" (Pit saw)	54	
—11— 8	10	—	10" (Tri)	119	
—11— 9.5	6	10	—11— (Hand)	84	
—11— 11.0	12	—	12" (Square)	120	—
—11— 13.0	12	—	12" (Round)	141	
—11— 16.0	18	—	12" (Pit Saw)	12	
—11— 25.0	12	—	—11— (Tri)	30	130
—11— 3/8"	6	—	14" (Hand)	84	

Cutting Jools

Item	Required	Remaining
File 14" (Square)	240	
-"- (Round)	51	
-"- (Pit saw)	10	
-"- (Tri.)	24	
-"- (Hand)	320	
-"- 16" (Square)	240	~~300~~
-"- (Round)	30	0
-"- (Pit saw)	12	
File	20	—
-"-	12	—
Tap 48mm x P10	30	—
50 x P9	189	—
60 x P10	72	—
65 x P.75	30	—
70 x P10	72	15
80 x P10	54	—
80 x P.85	36	—
90 x P1.25	48	—
9/32 x 20W	24	20
9/16 x 20W	12	—
1" x 24W	12	—
13/8" x -"-	36	—
1/2	12	—
1 1/8	30	—
1 1/4	12	—
7/8	24	—

Item	Required	Remaining
Tap 3/4"	24	—
-"- 1/2	18	—
-"- 5/8	12	—
-"- 3/8	18	—
-"- 1/4	12	10
-"- 3/16	102	—
-"- 7/16	66	—
-"- 5/16	36	—
-"- 5/32	48	—
Saw Blade. 10"	1260	—
" 14"	1060	—
-"- 16"	450	—
Metal saw 70mm x 15mm x 1mm	12	—
-"- 75 x 25 x 1	6	—
-"- 75 x 35 x 22mm	6	—
-"- 75 x 15 x 1"	12	3
-"- 80 x 1 x 1	6	5
-"- 100 x 15 x 1	12	—
-"- 100 x 4 x 1	44	—
-"- 100 x 3 x 1	12	4
-"- 110 x 3 x 1	6	5
6 x 6 x 1		

Cutting Tools

Item	Required	Remaining	Item	Required	Remaining
Cutter 75mm x 8mm x 1"	6	–	Grind Stone		
〃 125 x 8 x 1	6	5	3/4" x 1/2" x 1/8"	488	–
〃 3 x 25 x 1	3	–	3/4 x 1/2 x 3/8	150	–
〃 100 x 18 x 1	3	4	1/2 x 1/4 x 1/4	10	–
〃 125 x 18 x 1	6	3	1 1/2 x 5/8 x 3/8	82	–
〃 130 x 18 x 1	6	–	1 1/2 x 3/4 x 3/8	20	–
〃 25 x 10 x 1	12	–	2 x 3/4 x 3/8	23	–
〃 3" x 11mm x 1"	6	3	2 x 3/4 x 1/2	24	–
〃 3" x 12mm x 1"	12	–	2 x 1 x 1	8	–
〃 75mm x 25mm x 1	8	–	3 x 3/4 x 5/8	20	–
〃 175 x 20 x 1	3	–	3 x 3/4 x 3/4	342	–
〃 5" x 8mm x 1	3	–	3 x 3/8 x 1/2	280	–
〃 3" x 1/2" x 1"	6	–	3/8 x 1/2 x 3/8	200	–
〃 102mm x 11mm x 1"	6	–	3 1/2 x 1/2 x 5/8	36	–
〃 3 1/2" x 11" x 1	18	7	3 1/2 x 3/8 x 1/2	185	–
〃 3 1/2 x 12 x 1	6	17	4" x 1/2 x 1	1040	–
〃 100 x 4 x 25	–	–	4" x 3/4 x 3/8	207	–
〃 100 x 25 x 4	24	–	5 x 3/4 x 3/4	10	–
End mill Cutter 26mm	3		5 x 5/8 x 5/8	258	–
〃 25mm	2		5 1/2 x 1/4 x 3/4	35	–
〃 22mm	4		6 x 3/4 x 1/2	41	–
〃 7/8"	10		6 x 1/8 x 3/4	4	–
			6 x 3/4 x 3/4	25	–
			6 x 1/2 x 1/2	8	–
			8 x 1 x 1	25	–
			8 x 7/8 x 1	10	–

Cutting Tools

Item	Required	Remaining	Item	Required	Remaining
Grind Stone 9x1x1	14	—			
-11- 10x1x1	40	—			
-11- 10x½x1	9	—			
-11- 12x1½x1	6	—			
-11- 12x1x¾	12	—			
-11- 12x1¼x1	11	—			
-11- 14x1½x1	7	—			
-11- 14x2x1	2	—			
-11- 14x1½x⅞	3	—			
-11- 20x2¼x8	3	—			
Center Drill 3/32"	-	15			
-11- 5/64"	11	—			
-11- 1/8"	6	—			
-11- 1/16"	12	—			
-11- 3/16"	6	5			
Diamond point Tool					
" 5/8"	584	300			
" 3/4"	15	—			
" 1"	24	—			

The Others.

Item	Required	Remaining	Item	Required	Remaining
Protractor 8"	3	—	Callipers 6"	4	—
Surface plate 75 cm x 50 cm	1	—	—"— 8"	1	—
—"— 46x30	1	—	—"— 10"	9	—
—"— 60x60	1	—	Inside Calhipers 5"	16	—
—"— 244x121	1	—	—"— 6"	61	10
—"— 30x26	1	—	—"— 7"	44	—
—"— 30x30	3	—	—"— 8"	13	—
—"— 26x26	1	—	—"— 10"	3	—
—"— 30x24	2	—	Squares 4"	24	3
—"— 12x12	3	—	—"— 5"	1	—
—"— 24x18	1	—	—"— 6"	10	1
Vice 3"	1	1	—"— 8"	4	2
—"— 4"	2	—	Monkey Wrench 6"	1	—
—"— 5"	32	—	—"— 8"	2	—
—"— 5 1/4"	9	—	—"— 10"	2	—
—"— 6"	26	—	—"— 12"	5	—
Compass 5"	3	—	—"— 14"	1	—
—"— 6"	1	—	Pipe Wrench 8"	1	—
—"— 8"	3	—	—"— 10"	5	—
—"— 20"	1	2	—"— 12"	4	—
Out side Callipers 5"	16	—	—"— 22"	2	—
—"— 6"	23	2	—"— 32"	2	—
—"— 7"	25	—	Surface gauge 8"	1	3
—"— 8"	17	4	—"— 10"	3	2
—"— 10"	6	2	—"— 12"	3	4
Callipers 5"	10	—	—"— 13"	2	—

14½

Others

Surface gauge 18"	1	—	Item	Required	Remaining
—"— 28"	1	—	Level 17"x2"	2	—
Driver 6"	12	—	—"— 6"x6"	1	—
—"— 7"	22	—	Spanner 5/8"	10	—
Hummer 1/2 lbs	38	—	" 3/4"	10	—
—"— 1/4 lbs	31	—	" 1/2"	5	—
—"— 1 lbs	47	—	" 7/8"	4	—
—"— 1 1/2 lbs	15	—	" 1"	2	
—"— 2 lbs	4	—	" 1 3/8	5	
—"— 2 1/2 lbs	2	—	" 5/16	4	
—"— 10 lbs	4	—	Scale 12 cm	7	
—"— 12 lbs	3	—	—"— 30 cm	10	—
—"— 30 lbs	1	—	—"— 100	2	—
Tap Handle	16	~~4~~	—"— 25 m	2	—
Die Handle	12	3	Jack 3"	5	—
Drill socket	6	—	Chisel	30	—
			Morse Taper Socket		
			—"— No.4 x No.3	1	1
			—"— sleeve No.3 x No.2	2	2
			—"— —"— No.4 x No.3	2	2
Line shaft 2 1/2"	486 m	50 m	—"— —"— No.3 x No.2	1	1
Pully	503	~~483~~			
Coupling 2 1/2"	91	30			

( ) ( )

HEADQUARTERS
OSAKA MILITARY GOVERNMENT TEAM
APO 360

hnn/mh

10 March 1947

SUBJECT: Inventory Made by General Contractor's Association of Japan

THROUGH: Osaka Liaison Office

TO: **Tenma Plant of Nakajima Hikoki K.K.**
(Code No. 32-117)

1. During the month of January the General Contractor's Association of Japan made an inventory of your plant. This inventory listed "Stock-piled and Installed Material and Supplies" which may eventually be removed.

2. Before a final decision is reached, this headquarters requests a list of all those inventoried items which you have any objection to removal, or which are necessary for the maintenance and custody of the operations machinery. Next to each item should be a short explanation outlining the reason for retaining.

3. It is requested that you submit your list in four copies by the 25th of March 1947.

FOR THE COMMANDING OFFICER:

Edward L. Hiatt
Major, I.A.
Adjutant

1/28

~~32-2~~

~~WOODWORKING~~

PD ITEMS

32-2

PD 34

Thirty-four (34 items)

CODE No.	DESCRIPTION
32-2-216	Drilling Mach. Bench ½ HP
218	" " Upright 2HP
219	" " - 2HP
224	" " Bench 1HP
225	" " Upright 1HP
298	Transformer outdoor 30KVA
304	Electric (Arc) welding Mach. 20KVA
305	" " 15KVA
307	" " 20KVA
308	" " 10KVA
314	A.C. Motor 10HP Induction
315	" " "
316	" " "
317	" " "

318	A.C. Motor	10 HP	induction
319	"	"	
320	"	"	
321	"	"	
322	"	"	
323	"	"	
324	"	"	
325	"	"	
326	"	"	
327	"	"	
328	"	"	
329	"	"	
330	"	"	
331	"	"	
332	"	"	
333	"	"	
334	"	"	
335	"	"	
396	Transformer	out door	10 KVA
397	"	"	"

Total No. 34

LIST OF ACCESSORIES INVENTORIES ITEMS

TAIHEI KOGYO CO., LTD., KISHIWADA PLANT

(707, Shimono-cho, Kishiwada-shi.)

Factory Manager C. Nakanishi

Chikajiro Nakanishi

LIST OF ACCESSORIES AND MARKING

No. 1

Main Machine	Code No.	Item of Accessories	Accessories Kept Separately in Box
Lathe	32-2-1 (a) " (b)	Motor A.C. 5 HP Independent Chuck 19"	
"	32-2-2 (a) " (b)	Motor A.C. 5 HP Independent Chuck 12"	
"	32-2-3 (a) " (b) " (c) " (d)	Motor A.C. 5 HP Independent Chuck 14" Steady Rest	Change Gears 4 pcs
"	32-2-4 (a) " (b) " (c)	Motor A.C. 5 HP Driving Plate 10"	Change Gears 5 pcs
"	32-2-5 (b)	Indpendent Chuck 14"	
"	32-2-6 (b) " (c)	Independent Chuck 14"	Change Gears 3 pcs
"	32-2-7 (b)	Independent Chuck 14"	
"	32-2-8 (a) " (b)	Motor A.C. 5 HP Independent Chuck 16"	
"	32-2-9 (a) " (b)	Motor A.C. 5 HP Independent Chuck 16"	
"	32-2-10 (a) " (b) " (c) " (d)	Motor A.C. 5 HP Independent Chuck 16" Steady Rest	Change Gears 5 pcs
"	32-2-11 (b) " (c)	Independent Chuck 14"	Change Gears 9 pcs

No. 2

Main Machine	Code No.	Item of Accessories	Accessories Kept Separately in Box
Lathe	32-2-12 (b)	Independent Chuck 14"	
"	32-2-13 (a)	Motor A.C. 5 HP	
	" (b)	Driving plate 7"	
	" (c)	Steady Rest	
"	32-2-14 (a)	Motor A.C. 3 HP	
	" (b)	Independent Chuck 14"	
	" (c)	Steady Rest	
	"		
"	32-2-15 (a)	Motor A.C. 3 HP	
	" (b)	Independent Chuck 14"	
	" (c)	Steady Rest	
"	32-2-16 (a)	Motor A.C. 3 HP	
	" (b)	Independent Chuck 14"	
"	32-2-17 (a)	Motor A.C. 3 HP	
	" (b)	Independent Chuck 14"	
"	32-2-18 (a)	Motor A.C. 3 HP	
	" (b)	Independent Chuck 14"	
	" (c)	Steady Rest	
"	32-2-19 (a)	Motor A.C. 3 HP	
	" (b)	Independent Chuck 14"	
"	32-2-20 (a)	Motor A.C. 3 HP	
	" (b)	Independent Chuck 14"	
	" (c)	Steady Rest	
	" (d)		Change Gears 9 pcs
"	32-2-21 (a)	Motor A.C. 3 HP	
	" (b)	Independent Chuck 14"	
"	32-2-22 (a)	Motor A.C. 3 HP	
	" (b)	Scroll Chuck 7"	

No. 3

Main Machine	Code No.	Item of Accessories	Accessories Kept Separately in Box.
Lathe	32-2-23 (a)	Motor A.C. 3 HP	
	" (b)	Independent Chuck 14"	
	" (c)		Change gears 9 pcs
"	32-2-24 (a)	Motor A.C. 3 HP	
	" (b)	Independent Chuck 14"	
	" (c)	Steady Rest	
"	32-2-25 (a)	Motor A.C. 10 HP	
	" (b)	Independent Chuck 20"	
"	32-2-26 (a)	Motor A.C. 10 HP	
	" (b)	Independent Chuck 20"	
	" (c)	Steady Rest	
"	32-2-27 (a)	Motor A.C. 5 HP	
	" (b)	Independent Chuck 16"	
"	32-2-28 (a)	Motor A.C. 5 HP	
	" (b)	Independent Chuck 16"	
	" (c)	Steady Rest	
"	32-2-29 (b)	Independent Chuck 16"	
	" (c)	Steady Rest	
"	32-2-30 (b)	Independent Chuck 16"	
	" (c)	Steady Rest	
"	32-2-31 (b)	Scroll Chuck 11"	
	(c)	Steady Rest	
"	32-2-32 (a)	Motor A.C. 2 HP	
	" (b)	Scroll Chuck 11"	
	" (c)		Change Gears 7 pcs
"	32-2-33	None	
"	32-2-34 (b)	Independent Chuck 14"	

No. 4

Main Machine	Code No.	Item of Accessories	Accessories Kept Seperately in Box
Lathe	32-2-35 (b)	Scroll Chuck 11"	
"	32-2-36 (b)	Independent Chuck 17"	
"	32-2-37 (b)	Independent Chuck 14"	
"	32-2-38 (a)	Motor A.C. 5 HP	
	" (b)	Independent Chuck 16"	
"	32-2-39 (a)	Motor A.C. 5 HP	
	" (b)	Independent Chuck 16"	
"	32-2-40 (b)	Independent Chuck 14"	
	" (c)		Change Gears 9 pcs
"	32-2-41 (b)	Scroll Chuck 9"	
"	32-2-42 (b)	Independent Chuck 12"	
"	32-2-43 (b)	Independent Chuck 14"	
"	32-2-44 (b)	Driving Plate 9"	
"	32-2-45	None	
"	32-2-46 (b)	Steady Rest	
	" (c)		Change Gears 5 pcs
"	32-2-47 (a)	Motor A.C. 5 HP	
	" (b)	Independent Chuck 14"	
	" (c)	Steady Rest	
"	32-2-48 (a)	Motor A.C. 5 HP	
	" (b)	Independent Chuck 14"	
	(c)	Steady Rest	

No. 5

Main Machine	Code No.	Item of Accessories	Accessories Kept Separately in Box
Lathe	32-2-49 (a)	Motor A.C. 5 HP	
	" (b)	Independent Chuck 14"	
"	32-2-50 (a)	Motor A.C. 5 HP	
	" (b)	Independent Chuck 14"	
	(c)	Steady Rest	
	(d)		Change Gears 7 pcs
"	32-2-51 (b)	Independent Chuck 14"	
"	32-2-52 (b)	Independent Chuck 14"	
	" (c)	Steady Rest	
"	32-2-53 (a)	Motor A.C. 7.5 HP	
	" (b)	Independent Chuck 14"	
	" (c)	Steady Rest	
"	32-2-54 (a)	Motor A.C. 7.5 HP	
	" (b)	Independent Chuck 14"	
	" (c)	Steady Rest	
"	32-2-55 (a)	Motor A.C. 10 HP	
	" (b)	Scroll Chuck 11"	
	" (c)	Steady Rest	
"	32-2-56 (a)	Motor A.C. 10 HP	
	" (b)	Scroll Chuck 11"	
	" (c)	Steady Rest	
"	32-2-57 (a)	Motor A.C. 10 HP	
	" (b)	Scroll Chuck 11"	
	" (c)	Steady Rest	
"	32-2-58 (a)	Motor A.C. 10 HP	
	" (b)	Independent Chuck 14"	
	" (c)	Steady Rest	

No. 6

Main Machine	Code No.	Item of Accessories	Accessories Kept Separately in Box
Lathe	32-2-59 (a)	Motor A.C. 5 HP	
	" (b)	Independent Chuck 18"	
"	32-2-60 (a)	Motor A.C. 5HP	
	" (b)	Driving Plate 9"	
"	32-2-61 (a)	Motor A.C. 7.5 HP	
	" (b)	Independent Chuck 14"	
	" (c)	Steady Rest	
	" (d)		Change Gears 6 pcs
"	32-2-62 (b)	Independent Chuck 14"	
"	32-2-63 (b)	Independent Chuck 14"	
"	32-2-64 (a)	Motor A.C. 7.5 HP	
	" (b)	Independent Chuck 14"	
	" (c)	Steady Rest	
	" (d)		Change Gears 4 pcs
"	32-2-65 (a)	Motor A.C. 7.5 HP	
	" (b)	Independent Chuck 14"	
"	32-2-66 (a)	Motor A.C. 7.5 HP	
	" (b)	Independent Chuck 14"	
	(c)		Change Gears 3 pcs
"	32-2-67 (a)	Motor A.C. 7.5 HP	
	" (b)	Independent Chuck 14"	
	" (c)	Steady Rest	
"	32-2-68 (a)	Motor A.C. 7.5 HP	
	" (b)	Face Plate 29"	
	" (c)	Steady Rest	

No. 7

Main Machine	Code No.	Item of Accessories	Accessories Kept Separately in Box
Lathe	32-2-69 (a) " (b) " (c)	Motor A.C. 7.5 HP Independent Chuck 14" Steady Rest	
"	32-2-70 (b)	Independent Chuck 14"	
"	32-2-71 (a) " (b) " (c)	Motor A.C. 5 HP Independent Chuck 14" Steady Rest	
"	32-2-72 (a) " (b)	Motor A.C. 5 HP Independent Chuck 14"	
"	32-2-73 (a) " (b)	Motor A.C. 10 HP Independent Chuck 14"	
"	32-2-74 (a) " (b)	Motor A.C. 10 HP Scroll Chuck 11"	
"	32-2-75 (a) " (b)	Motor A.C. 10 HP Scroll Chuck 11"	
"	32-2-76 (a) " (b)	Motor A.C. 10 HP Scroll Chuck 11"	
"	32-2-77 (a) " (b) " (c)	Motor A.C. 5 HP Independent Chuck 14"	Change Gears 5 pcs
"	32-2-78 (a) " (b) " (c) " (d)	Motor A.C. 5 HP Independent Chuck 14" Steady Rest	Change Gears 9 Pcs
"	32-2-79 (a) " (b) " (c) " (d)	Motor A.C. 5 HP Independent Chuck 14" Steady Rest	Change Gears 8 Pcs

No. 8

Main Machine	Code No.	Item of Accessories	Accessories Kept Separately in Box
Lathe	32-2-80 (a)	Motor A.C. 5 HP	
	" (b)	Independent Chuck 18"	
Lathe	32-2-81 (a)	Motor A.C. 2 HP	
	" (b)	Face Plate 12"	
	" (c)	Steady Rest	
"	32-2-82 (a)	Motor A.C. 2 HP	
	" (b)	Independent Chuck 12"	
	" (c)	Steady Rest	
"	32-2-83 (a)	Motor A.C. 2 HP	
	" (b)	Independent Chuck 12"	
	" (c)		Change Gears 5 pcs
"	32-2-84 (a)	Motor A.C. 2 HP	
	" (b)	Independent Chuck 16"	
	" (c)	Steady Rest	
	" (d)		Change Gears 5 pcs
"	32-2-85 (a)	Motor A.C. 2 HP	
	" (b)	Independent Chuck 10"	
"	32-2-86 (a)	Motor A.C. 2 HP	
	" (b)	Independent Chuck 10"	
	" (c)		Change Gears 6 pcs
"	32-2-87 (a)	Motor A.C. 2 HP	
	" (b)	Independent Chuck 10"	
	" (c)		Change Gears 7 pcs
"	32-2-88 (a)	Motor A.C. 2 HP	
	" (b)	Independent Chuck 10"	
"	32-2-89 (a)	Motor A.C. 2 HP	
	" (b)	Independent Chuck 10"	
"	32-2-90 (a)	Motor A.C. 2 HP	
	" (b)	Independant Chuck 10"	
	" (c)		Change Gears 6 pcs

No. 9

Main Machine	Code No.		Item of Accessories	Accessories Kept Separately in Box
Lathe	32-2-91	(a)	Motor A.C. 2 HP	
	"	(b)	Independent Chuck 10"	
	"	(c)		Change Gears 6 pcs.
"	32-2-92	(a)	Motor A.D. 2 HP	
	"	(b)	Independent Chuck 10"	
	"	(c)		Change Gears 5 pcs.
"	32-2-93	(b)	Face Plate 10"	
	"	(c)		Change Gears 8 pce.
"	32-2-94	(a)	Motor A.C. 7.5 HP	
	"	(b)	Independent Chuck 14"	
	"	(c)	Steady Rest	
"	32-2-95	(a)	Motor A.C. 7.5 HP	
	"	(b)	Independent Chuck 14"	
	"	(c)	Steady Rest	
"	32-2-96	(a)	Motor A.C. 5.5 HP	
	"	(b)	Independent Chuck 14"	
	"	(c)	Steady Rest	
"	32-2-97	(a)	Motor A.C. 2 HP	
	"	(b)	Independent Chuck 8"	
	"	(c)	Steady Rest	
	"	(d)	Follow Rest	
"	32-2-98	(a)	Motor A.C. 2 HP	
	"	(b)	Driving Plate 6"	
	"	(c)	Steady Rest	
	"	(d)	Follow Rest	
"	32-2-99	(a)	Motor A.C. 2 HP	
	"	(b)	Independent Chuck 10"	
	"	(c)	Steady Rest	
	"	(d)	Follow Rest	
"	32-2-100	(a)	Motor A.C. 2 HP	
	"	(b)	Independent Chuck 10"	

No. 10

Main Machine	Code No.	Item of Accessories	Accessories Kept Separately in Box
Lathe	32-2-101 (b) " (c)	Independent Chuck 14" Steady Rest	
"	32-2-102 (b) " (c)	Independent Chuck 14" Steady Rest	
"	32-2-103 (a) " (b)	Motor A.C. 10 HP Independent Chuck 16"	
"	32-2-104 (a) " (b) " (c)	Motor A.C. 3 HP Seroll Chuck 11" Steady Rest	
"	32-2-105 (a) " (b) " (c)	Motor A.C. 5 HP Seroll Chuck 11" Steady Rest	
"	32-2-106 (a) " (b) " (c)	Motor A.C. 3 HP Independent Chuck 14" Steady Rest	
"	32-2-107 (a) " (b) " (c)	Motor A.C. 3 HP Independent Chuck 14" Steady Rest	
"	32-2-108 (a) " (b) " (c)	Motor A.C. 3 HP Independent Chuck 14" Steady Rest	
"	32-2-109 (a) " (b) " (c)	Motor A.C. 5 HP Independent Chuck 14"	Change Gears 9 pcs.
"	32-2-110 (a) " (b) " (c)	Motor A.C. 10 HP Seroll Chuck 11" Steady Rest	
"	32-2-111 (a) " (b)	Motor A.C. 2 HP Seroll Chuck 9"	
"	32-2-112 (a) "	Motor A.C. 2 HP	

No. 11

Main Machine	Code No.	Item of Accessoroies	Accessories Kept Separately in Box
Lathe	32-2-112	(a) Motor A.C. 2 HP	
	"	(b) Scroll Chuck 10"	
"	32-2-113	(a) Motor A.C. 3 HP	
	"	(b) Drivøing Plate 9"	
"	32-2-114	(a) Motor A.C. 3 HP	
	"	(b) Driving Plate 9"	
"	32-2-115	(a) Motor A.C. 3 HP	
"	32-2-116	(a) Motor A.C. 3 HP	
	"	(b) Driving 8"	
"	32-2-117	(b) Scroll Chuck 9"	
	"	(c) Steady Rest	
"	32-2-118	(a) Motor A.C. 3 HP	
	"	(b) Independent Chuck 14"	
	"	(c) Steady Rest	
"	32-2-119	(a) Motor A.C. 5 HP	
"	32-2-120	(a) Motor A.C. 5 HP	
	"	(b) Independent Chuck 14"	
"	32-2-121	(a) Motor A.C. 5 HP	
	"	(b) Independent Chuck 14"	
"	32-2-122	(a) Motor A.C. 5 HP	
	"	(b) Independent Chuck 14"	
"	32-2-123	(a) Motor A.C. 5 HP	
	"	(b) Independent Chuck 14"	
"	32-2-124	(a) Motor A.C. 5 HP	
	"	(b) Independent Chuck 14"	
	"	(c) Steady Rest	

No. 12

Main Macine	Code No.		Item of Accessories	Accessories Kept Separately in Box
Lathe	32-2-125	(a)	Motor A.C. 5 HP	
	"	(b)	Independent Chuck 14"	
	"	(c)	Steady Rest	
"	32-2-126	(a)	Motor A.C. 5 HP	
	"	(b)	Independent Chuck 14"	
	"	(c)	Steady Rest	
"	32-2-127	(a)	Motor A.C. 5 HP	
	"	(b)	Independent Chuck 14"	
"	32-2-128	(a)	Motor A.C. 5 HP	
	"	(b)	Independent Chuck 14"	
	"	(c)	Steady Rest	
"	32-2-129	(a)	Motor A.C. 5 HP	
	"	(b)	Independent Chuck 14"	
	"	(c)	Steady Rest	
"	32-2-130	(b)	Independent Chuck 20"	
"	32-2-131	(b)	Independent Chuck 24"	
	"	(c)		Change Gears 11 pcs.
"	32-2-132	(b)	Independent Chuck 24"	
	"	(c)		Change Gears 1 pcs.
"	32-2-133	(b)	Independent Chuck 18"	
	"	(c)	Steady Rest	
"	32-2-134	(b)	Independent Chuck 24"	
"	32-2-135	(b)	Driving Plate 8"	
"	32-2-136	(b)	Independent Chuck 20"	

No. 13

Main Machine	Code No.		Item of Accessories	Accessoroes Kept Separately in Box
Lathe	32-2-137	(a)	Motor A.C. 2 HP	
	"	(b)	Independent Chuck 8"	
	"	(c)	Steady Rest	
"	32-2-138	(a)	Motor A.C. 2 HP	
	"	(b)	Independent Chuck 12"	
	"	(c)	Steady Rest	
"	32-2-139	(a)	Motor A.C. 2 HP	
	"	(b)	Independent Chuck 8"	
	"	(c)	Steady Rest	
	"	(d)	Follow Rest	
"	32-2-140	(a)	Motor A.C. 2 HP	
	"	(b)	Steady Rest	
"	32-2-141	(a)	Motor A.C. 7.5 HP	
	"	(b)	Driving Plate 10"	
"	32-2-142	(a)	Motor A.C. 5 HP	
"	32-2-143	(a)	Motor A.C. 5 HP	
	"	(b)	Independent Chuck 16"	
"	32-2-144	(a)	Motor A.C. 10 HP	
	"	(b)	Independent Chuck 22"	
"	32-2-145	(b)	Independent Chuck 20"	
	"	(c)	Steady Rest	
"	32-2-146	(b)	Scroll Chuck 7"	
"	32-2-147	(b)	Independent Chuck 16"	
"	32-2-148	(b)	Independent Chuck 16"	

No. 14

Main Machine	Code No.	Item of Accessories	Accessories Kept Separately in Box
Lathe	32-2-149 (b)	Independent Chuck 16"	
"	32-2-150 (b)	Independent Chuck 16"	
"	32-2-151 (a) " (b) " (c)	Motor A.C. 7.5 HP Independent Chuck 24" Steady Rest	
"	32-2-152 (a) " (b) " (c)	Motor A.C. 7.5 HP Independent Chuck 28" Steady Rest	
"	32-2-153 (b)	Independent Chuck 20"	
"	32-2-154 (b)	Independent Chuck 14"	
"	32-2-155 (a) " (b)	Motor A.C. 5 HP Independent Chuck 14"	
"	32-2-156 (a) " (b)	Motor A.C. 5 HP Independent Chuck 14"	
Tuurret Lathe	32-2-157 (a) " (b)	Motor A.C. 3 HP Scroll Chuck 9"	
"	32-2-158 (a) " (b)	Motor A.C. 5 HP Scroll Chuck 9"	
"	32-2-159 (a) " (b)	Motor A.C. 5 HP Collet Chuck	
"	32-2-160 (a) " (b)	Motor A.C. 5 HP Scroll Chuck 9"	
"	32-2-161 (a) " (b)	Motor A.C. 5 HP Scroll Chuck 9"	

No. 15

Main Machine	Code No.	Item of Accessories	Accessories Kept Separately in Box
Turret Lathe	32-2-162 (a)	Motor A.C. 5 HP	
"	" (b)	Scroll Chuck 9"	
"	32-2-163 (a)	Motor A.C. 3 HP	
"	" (b)	Scroll Chuck 7"	
"	32-2-164 (a)	Motor A.C. 3 HP	
"	32-2-165 (a)	Motor A.C. 5 HP	
"	" (b)	Scroll Chuck 6"	
"	32-2-166 (a)	Motor A.C. 5 HP	
"	" (b)	Scroll Chuck 6"	
Lathe	32-2-167 (b)	Independent Chuck 8"	
"	32-2-168 (b)	Independent Chuck 13"	
"	32-2-169 (b)	Independent Chuck 14"	
"	32-2-170 (b)	Independent Chuck 13"	
"	32-2-171 (b)	Independent Chuck 13"	
"	32-2-172 (b)	Independent Chuck 12"	
"	32-2-173 (b)	Independent Chuck 13"	
"	32-2-174 (b)	Independent Chuck 13"	
"	32-2-175 (b)	Independent Chuck 8"	
"	32-2-176 (b)	Independent Chuck 12"	

No. 16

Main Machine	Code No.	Item of Accessories	Accessories Kept Separately in Box
Lathe	32-2-177 (b)	Independent Chuck 12"	
"	32-2-178 (b)	Driving Plate 8"	
"	32-2-179 (b)	Independent Chuck 12"	
"	32-2-180 (b)	Independent Chuck 12"	
"	32-2-181 (b)	Scroll Chuck 8"	
Milling Machine	32-2-182 (a)	Motor A.C. 7.5 HP	
	" (b)	Vice	
	" (c)	Arbor Support	
"	32-2-183 (a)	Motor A.C. 5 HP	
"	32-2-184 (a)	Motor A.C. 5 HP	
"	32-2-185 (a)	Motor A.C. 5 HP	
"	32-2-186 (a)	Motor A.C. 7.5 HP	
"	32-2-187 (a)	Motor A.C. 5 HP	
"	32-2-188 (a)	Motor A.C. 7.5 HP	
	" (b)	Vice	
	" (c)	Arbor Support	
	" (d)	Pump and Piping	
	" (e)	Index	
	" (f)	Circular table	
"	32-2-189 (a)	Motor A.C. 2 HP	
	" (b)	Arbor Support	
"	32-2-190 (a)	Motor A.C. 2 HP	
	" (b)	Arbor Support	

No. 17

Main Machine	Code No.	Item of Accessories	Accessories Kept Separately in Box
Milling Machine	32-2-191 (a)	Motor A.C. 5 HP	
"	32-2-192 (a)	Motor A.C. 5 HP	
"	32-2-193 (a)	Motor A.C. 7.5 HP	
	" (b)	Vice	
—	" (c)	Arbor Support	
"	32-2-194 (a)	Motor A.C. 7.5 HP	
	" (b)	Vice	
	" (c)	Arbor Support	
"	32-2-195 (a)	Motor A.C. 7.5 HP	
	" (b)	Vice	
	" (c)	Arbor Support	
	" (d)	Pump and Piping	
	" (e)	Index	
	" (f)	Circular Table	
"	32-2-196 (a)	Motor A.C. 7.5 HP	
	" (b)	Vice	
	" (c)	Arbor Support	
	" (d)	Pump and Piping	
	" (e)	Index	
"	32-2-197 (a)	Motor A.C. 7.5 HP	
	" (b)	Vice	
	" (c)	Arbor Support	
	" (d)	Pump and Piping	
	" (e)	Index	
"	32-2-198 (a)	Motor A.C.7.5 HP	
	" (b)	Vice	
	" (c)	Arbor Support	
	" (d)	Pump and Piping	
	" (e)	Index	

No. 18

Main Machine	Code No.	Item of Accessories	Accessories Kept Separately in Box
Milling Machine	32-2-199 (a)	Motor A.C. 7.5 HP	
	" (b)	Vice	
	" (c)	Arbor Support	
	" (d)	Pump and Piping	
	" (e)	Index	
"	32-2-200 (a)	Motor A.C. 7.5 HP	
	" (b)	Vice	
	" (c)	Arbor Support	
	" (d)	Pump And Piping	
	" (e)	Index	
	" (f)	Circular Table	
"	32-2-201 (a)	Motor A.C. 7.5 HP	
	" (b)	Vice	
	" (c)	Arbor Suport	
	" (d)	Pump and Piping	
	" (e)	Index	
"	32-2-202 (a)	Motor A.C. 7.5 HP	
	" (b)	Vice	
	" (c)	Arbor Support	
	" (d)	Pump and Piping	
"	32-2-203 (a)	Motor A.C. 7.5 Hp	
	" (b)	Vice	
	" (c)	Arbor Support	
	" (d)	Pump and Piping	
	" (e)	Index	
	" (f)	Circular Table	
"	32-2-204 (a)	Motor A.C. 7.5 HP	
	" (b)	Vice Support	
	" (c)	Arbor Support	
	" (d)	Pump and Piping	
	" (e)	Index	
"	32-2-205 (a)	Motor A.C. 5 HP	
"	32-2-206 (a)	Motor A.C. [illegible] HP	

No. 19

Main Machine	Code No.		Item of Axxessories	Accessories Kept Sparately in Box
Milling Machine	32-2-206	(a)	Motor A.C. 7.5 HP	
	"	(b)	Vice	
	"	(c)	Arbor Support	
	"	(d)	Pump	
"	32-2-207	(a)	Motor A.C. 5 HP	
	"	(b)	Vice	
	"	(c)	Arbor Support	
"	32-2-208	(a)	Motor A.C. 3 HP	
"	32-2-209	(a)	Motor A.C. 3 HP	
"	32-2-210	( )	None	
"	32-2-211		None	
"	32-2-212		None	
"	32-2-213		None	
"	32-2-214		None	
Automatic Thread Milling M.	32-2-215	(a)	Motor A.C. 2 HP	
Drilling Machine	32-2-217	(a)	Motor A.C. 5 HP	
	"	(b)	Vice	
Radial Drilling M.	32-2-220	(a)1	Motor A.C. 5 HP	
	"	"2	Motor A.C. 2 HP	
	"	(b)	Square Table 14.5"x20"x 20"	
	"	(c)	Pump	
Drilling M.	32-2-221	(a)	Motor A.C. 4 HP	

No. 20

Main Machine	Code No.	Item of Accessories	Accessories Kept Separately in Box
Radial Drilling M.	32-2-222 (a)	Motor A.C. 4 HP	
"	32-2-223 (a)	Motor A.C. 4 HP	
"	32-2-226 (a)1	Motor A.C. 5 HP	
	" (a)2	Motor A.C. 2 HP	
	" (b)	Square Table 24.5"x20"x20"	
	" (c)	Pump and piping	
"	32-2-227 (a)1	Motor A.C. 5 HP	
	" (a)2	Motor A.C. 2 HP	
	" (b)	Square Table 24.5"x20"x20"	
	" (c)	Pump	
Drilling M.	32-2-228	None	
Air Hammer	32-2-229 (a)	Motor A.C. 5 HP	
Radial Drilling M.	32-2-230 (a)1	Motor A.C. 5 HP	
	" (a)2	Motor A.C. 2 HP	
	(b)	Square Table 24.5"x20"x20"	
	(c)	Pump and Piping	
"	32-2-231 (a)1	Motor A.C. 5 HP	
	" (a)2	Motor A.C. 2 HP	
	" (b)	Square Table 24.5"x20"x20"	
	" (c)	Pump	
"	32-2-232 (a)1	Motor A.C. 5 HP	
	" (a)2	Motor A.C. 2 HP	
	" (b)	Square Table 24.5"x20"x20"	
	" (c)	Pump	
"	32-2-233 (a)1	Motor A.C. 5 HP	
	" (a)2	Motor A.C. 2 HP	
	" (b)	Square Table 24.5"x20"x20"	
	" (c)	Pump	

No. 21

Main Machine	Code No.		Item of Accessories	Accessories Kept Separately in Box
Radial Drilling M.	32-2-234	(a)1	Motor A.C. 5 HP	
	"	(a)2	Motor A.C. 2 HP	
	"	(b)	Square Table 24.5"x20"x20"	
	"	(c)	Pump	
"	32-2-235		None	
"	32-2-236		None	
Unibersal Grinder	32-2-237	(a)1	Motor A.C. 10 HP	
	"	(a)2	Motor A.C. 2 HP	
	"	(a)3	Motor A.C. ½ HP	
	"	(b)	Wheel Head	
	"	(c)	Pump	
"	32-2-238	(a)1	Motor A.C. 5 HP	
	"	(a)2	Motor A.C. 2 HP	
	"	(a)3	Motor A.C. ½ HP	
	"	(b)	Wheel Head	
	"	(c)	Pump	
External Grinder	32-2-239	(a)1	Motor A.C. 7.5 HP	
	"	(a)2	Motor A.C. 1 HP	
	"	(b)	Wheel Head	
	"	(c)	Pump	
"	32-2-240	(a)1	Motor A.C. 2 HP	
	"	(a)2	Motor A.C. 1 HP	
	"	(a)3	Motor A.C. ½ HP	
	"	(b)	Wheel Head	
Internal Grinder	32-2-241	(a)	Motor A.C. 3 HP	
	"	(b)	Wheel Head	
	"	(c)	Chuck	

No. 22

Main Machine	Code No.		Item of Accessories	Accessories Kept Separately in Box
Internal Grinder	32-2-242	(a)	Motor A.C. 3 HP	
	"	(b)	Wheel Head	
	"	(c)	Chuck	
External Grinder	32-2-243	(a)1	Motor A.C. 7.5 HP	
	"	(a)2	Motor A.C. 2 HP	
	"	(a)3	Motor A.C. 1 HP	
	"	(b)	Wheel Head	
Internal Grinder	32-2-244	(a)1	Motor A.C. 2HP	
	"	(a)2	Motor A.C. ½ HP	
	"	(a)3	Motor A.C. ½ HP	
	"	(b)	Wheel Head	
	"	(c)	Chuck	
"	32-2-245	(a)	Motor A.C. ½ HP	
Tool and Cutter Grin.	32-2-246		None	
"	32-2-247		None	
"	32-2-248	(b)	Wheel Head	
Boring Mach.	32-2-249	(a)	Motor A.C. 7.5 HP	
	"	(b)	Outer Support	
"	32-2-250	(a)	Motor A.C. 7.5 HP	
	"	(b)	Outer Support	
Shaper	32-2-251	(a)	Motor A.C. 5 HP	
"	32-2-252	(a)	Motor A.C. 5 HP	
"	32-2-253	(a)	Motor A.C. 5 HP	

No. 23

Main Machine	Code No.	Item Of Accessories	Accessories Kept Separatelty in Box
Shaper	32-2-254 (a)	Motor A.C. 5 HP	
Slotter, Vertical	32-2-255 (a)	Motor A.C. 2 HP	
"	32-2-256	None	
"	32-2-257 (a)	Motor A.C. 3 HP	
"	32-2-258 (a)	Motor A.C. 3 HP	
Planer	32-2-259 (a)	Motor A.C. 5 HP	
Gear Hobber	32-2-260 (a)	Motor A.C. 2 HP	
Gear Finishing (Rounding) M.	32-2-261 (a)	Motor A.C. 1 HP	
Oil Groover	32-2-262 (a)	Motor A.C. 1 HP	
Key Seating	32-2-263	None	
Centering M.	32-2-264 (a)	Motor A.C. ½ HP	
Cut-off Mach.	32-2-265 (a)	Motor A.C. 3 HP	
Shearing Mach.	32-2-266 (a)	None	
"	32-2-267	None	
"	32-2-268	None	
Sewing Mach.	32-2-269 (a)	Motor A.C. ½ HP	
"	32-2-270 (a)	Motor A.C. 2 HP	

No. 24

Main Machine	Code No.	Item of Accessories	Accessories Kept Separately in Box
Sawing Mach.	32-2-271 (a)	Motor A.C. 2 HP	
"	32-2-272 (a)	Motor A.C. 2 HP	
"	32-2-273	None	
Cut-off Mach.	32-2-274 (a)	Motor A.C. 10 HP	
Air Compressor	32-2-275 (a)	Motor A.C. 2 HP	
"	32-2-276 (a)	Motor A.C. 10 HP	
"	32-2-277 (a)	Motor A.C. 5 HP	
"	32-2-278	None	
"	32-2-279	None	
Electric Furnace	32-2-280 (b)	Controller Switch Board	
"	32-2-281 (b)	Controller Switch Board	
"	32-2-282 (b)	Controller Switch Board	
"	32-2-283 (b) " (c)	Controller Switch Board Voltage Regulator	
"	32-2-284 (b)	Controller Switch Board	
"	32-2-285 (b)	Controller Switch Board	
"	32-2-286 (b)	Controller Switch Board	

No. 25

Main Machine	Code No.	Item of Accessories	Accessories Kept Separately in Box
Transformer	32-2-287	None	
"	32-2-288	None	
"	32-2-289	None	
"	32-2-290	None	
"	32-2-291	None	
"	32-2-292	None	
"	32-2-293	None	
"	32-2-294	None	
"	32-2-295	None	
"	32-2-296	None	
"	32-2-297	None	
"	32-2-299	None	
"	32-2-300	None	
"	32-2-301	None	
"	32-2-302	None	
Voltage Regulater	32-2-303	None	

No. 26

Main Machine	Code No.		Item of Accessories	Accessories Kept Separately in Box
Electric Welding Mach.	32-2-306	(b)	Welding Electric Holder	
	"	(c)	Flexible Cable	
	"	(d)	Hand Shield	
Gas Welding Mach.	32-2-309	(b)	Safety	
	"	(c)	Torch	
Cut-off Oxi-Acetylene	32-2-310	(a)	Motor A.C. 1/30 HP	
A.C. Induction Motor	32-2-311		None	
"	32-2-312		None	
"	32-2-313		None	
"	32-2-336		None	
"	32-2-337		None	
"	32-2-338		None	
"	32-2-339		None	
"	32-2-340		None	
Lathe	32-2-341	(a)	Motor A.C.2 HP	
	"	(b)	Independent Chuck 11"	
"	32-2-342	(a)	Motor A.C. 2 HP	
	"	(b)	Independent Chuck 11"	
"	32-2-343	(a)	Motor A.C. 2 HP	

No. 27

Main Machine	Code No.	Item of Accessories	Accessories Kept Separately in Box
Lathe	32-2-344 (a)	Motor A.C. 2 HP	
	" (b)	Independent Chuck 8"	
"	32-2-345 (a)	Motor A.C. 2 HP	
"	32-2-346 (a)	Motor A.C. 2 HP	
"	32-2-347 (a)	Motor A.C. 2 HP	
	" (b)	Independent Chuck 10"	
"	32-2-348 (a)	Motor A.C. 2 HP	
	" (b)	Scroll Chuck 9"	
"	32-2-349 (a)	Motor A.C. 5 HP	
	" (b)	Independent Chuck 14"	
	" (c)	Steady Rest	
"	32-2-350 (a)	Motor A.C. 2 HP	
	" (b)	Independent Chuck 8"	
	" (c)	Steady Rest	
"	32-2-351 (a)	Motor A.C. 2 HP	
	" (b)	Driving Plate 9"	
"	32-2-352	None	
"	32-2-353 (a)	Motor A.C. 5 HP	
	" (b)	Independent Chuck 14"	
	" (c)	Steady Rest	
"	32-2-354 (a)	Motor A.C. 3 HP	
	" (b)	Independent Chuck 14"	
	" (c)	Steadt Rest	
	" (d)		Change Gears 3 pcs.
"	32-2-355 (a)	Motor A.C. 5 HP	
	" (b)	Driving Plate 10"	
	" (c)		Change Gears 8 pcs.

No. 28

Main Machine	Code No.	Item of Accessories	Accessories Kept Separately in Box
Lathe	32-2-356 (b)	Independent Chuck 14"	
	" (c)	Steady Rest	
	" (d)		Change Gears 3 pcs.
"	32-2-357 (a)	Motor A.C. 5 HP	
	" (b)	Independent Chuck 14"	
"	32-2-358 (a)	Motor A.C. 5 HP	
	" (b)	Scroll Chuck 11"	
"	32-2-359 (a)	Motor A.C. 3 HP	
	" (b)	Driving Plate 9"	
"	32-2-360 (a)	Motor A.C. 5 HP	
	" (b)	Driving Plate 9"	
"	32-2-361 (a)	Motor A.C. 5 HP	
	" (b)	Independent Chuck 14"	
"	32-2-362 (b)	Independent Chuck 14"	
"	32-2-363 (a)	Motor A.C. 3 HP	
	" (b)	Independent Chuck 14"	
	" (c)	Steady Rest	
"	32-2-364	None	
"	32-2-365 (a)	Motor A.C. 3 HP	
	" (b)	Scroll Chuck 9"	
	" (c)	Steady Rest	
"	32-2-366 (b)	Independent Chuck 14"	
"	32-2-367 (a)	Motor A.C. 7.5 HP	
	" (b)	Independent Chuck 14"	
	" (c)	Steady Rest	
	" (d)		Change Gears 3 pcs.

No. 29

Main Machine	Code No.	Item of Accessories	Accessories Kept Separately in Box
Lathe	32-2-368 (a) " (b) " (c) " (d)	Motor A.C. 7.5 HP Independent Chuck 14" Steady Rest	Change Gears 3 pcs.
"	32-2-369 (b) " (c)	Independent Chuck 14"	Change Gears 8 pcs.
"	32-2-370 (b)	Independent Chuck 14"	
"	32-2-371 (b) " (c) " (d)	Independent Chuck 14" Steady Rest	Change Gears 3 pcs.
"	32-2-372 (b)	Independent Chuck 14"	
"	32-2-373 (b)	Independent Chuck 14"	
"	32-2-374 (a) " (b)	Motor A.C. 5 HP Independent Chuck 14"	
"	32-2-375	None	
"	32-2-376 (a) " (b)	Motor A.C. 5 HP Independent Chuck 16"	
"	32-2-377 (b)	Independent Chuck 20"	
"	32-2-378 (b)	Driving Plate 9"	
"	32-2-379 (b)	Driving Plate 10"	
"	32-2-380 (b)	Scroll Chuck 11"	
"	32-2-381 (b)	Independent Chuck 14"	

N^O. 30

Main Machine	Code No.	Item of Accessories	Accessories Kept Separately in Box
Lathe	32-2-382 (b)	Independent Chuck 14"	
"	32-2-383 (b)	Independent Chuck 14"	
Automatic Thread Milling Machine	32-2-384 (a)	Motor A.C. 2 HP	
Milling Mach., Vertical	32-2-385 (a)	Motor A.C. 5 HP	
"	32-2-386	None	
"	32-2-387	None	
"	32-2-388	None	
"	32-2-389	None	
"	32-2-390	None	
Drilling Mach.	32-2-391 (a) " (b)	Motor A.C. ½ HP Vice	
Radial Drilling Mach.	32-2-392 (a)	Motor A.C. 5 HP	
"	32-2-393 (a)	Motor A.C. 5 HP	
Special Tool Grinder	32-2-394 (a)	None	
Transformer	32-2-395	None	
Motor Generator	32-2-398 (a)	Motor A.C. 11.2 K.V.A.	
"	32-2-399 (a)	Motor A.C. 7.4 K.W.	

No. 31

Main Machine	Code No.	Item of Accessories	Accessories Kept Separately in Box
Electric Furnace	32-2-400	None	
Brinnell Hardness Testing Mach.	32-2-441	None	
"	32-2-442	None	
Reduction Motor	32-2-443	None	
Structure and Composition Testing Mach. (Magnetic)	32-2-444 (a)	Motor A.C. 7.5 HP	
	" (b)	Motor Generator 4 K.W.	
	" (c)	Magneflux Box	
	" (d)	Anti-Magnetic Box	

THE END

TAIHEI KOGYO CO., LTD.,
KISHIWADA PLANT

Chikajiro Nakanishi

Chikajiro Nakanishi
Factory Manager

No. 32

FOLLOWING MACHINES REMOVED BY " PD (MGP) ",
MARCH 5, 1948

Item	Name of Machine	Code No.	Remarks
1	Drilling Machine	32 - 2 - 216	
2	"	32 - 2 - 218	
3	"	32 - 2 - 219	
4	"	32 - 2 - 224	
5	"	32 - 2 - 225	
6	Transformer	32 - 2 - 298	
7	Elect. Welding M.	32 - 2 - 304	
8	"	32 - 2 - 305	
9	"	32 - 2 - 307	
10	"	32 - 2 - 308	
11	Induction Motor	32 - 2 - 314	
12	"	32 - 2 - 315	
13	"	32 - 2 - 316	
14	"	32 - 2 - 317	
15	"	32 - 2 - 318	
16	"	32-- 2 - 319	
17	"	32 - 2 - 320	
18	"	32 - 2 - 321	
19	"	32 - 2 - 322	
20	"	32 - 2 - 323	
21	"	32 - 2 - 324	
22	"	32 - 2 - 325	
23	"	32 - 2 - 326	
24	"	32 - 2 - 327	
25	"	32 - 2 - 328	
26	"	32 - 2 - 329	
27	"	32 - 2 - 330	
28	"	32 - 2 - 331	
29	"	32 - 2 - 332	
30	"	32 - 2 - 333	
31	"	32 - 2 - 334	
32	"	32 - 2 - 335	
33	Transformer	32 - 2 - 396	
34	Transformer	32 - 2 - 397	

Headquarters
OSAKA MILITARY GOVERNMENT TEAM
APO 360

ANN/mh

10 March 1947

SUBJECT: Inventory Made by General Contractor's Association of Japan.

THROUGH: Osaka Liaison Office
Kawachi Plant of Nakanishi Mineral K.K.
TO: (Code No. 3[illegible]-116)

1. During the month of January the General Contractor's Association of Japan made an inventory of your plant. This inventory listed "Stock-piled and Installed Material and Supplies" which may eventually be removed.

2. Before a final decision is reached, this headquarters requests a list of all those inventoried items which you have any objection to removal, or which are necessary for the maintenance and custody of Reparations machinery. Next to each item should be a short explanation outlining the reason for retaining.

3. It is requested that you submit your list in four copies by the 25th of March 1947.

FOR THE COMMANDING OFFICER:

[illegible]
Major, I.A.
Adjutant

179

Lille
Summer

INVENTORY FORM FOR MACHINE TOOL AND
BALL AND ROLLER BEARING PLANTS

DATE 28 Feb. 42

Name of Company Kaydon Engineering Related SCAIN # 1136

Name of Plant Kaydon Plant Code # 116

Address of Plant Muskegon Muskegon Co. Michigan

Number Tallied

1. METAL WORKING FACILITIES

A. MACHINE TOOLS

1.	Boring machines	----
2.	Broaching machines	----
3.	Drilling machines	22
4.	Gear cutting and finishing machines	----
5.	Grinding machines	10
6.	Lathes	121
7.	Milling machines	7
8.	Planers	----
9.	Miscellaneous machine tools	20

B. SECONDARY METAL FORMING AND STAMPING MACHINES AND EQUIPMENT

1.	Bending machines	----
2.	Hydraulic presses	----
3.	Manual presses	124
4.	Mechanical presses	255

135 GRAND

INVENTORY FORM FOR MACHINE TOOL AND
BALL AND ROLLER BEARING PLANTS

DATE _____

Name of Company _____ Related COMPIN # _____

Name of Plant _____ Code # _____

Address of Plant _____

	Number Tallied	
B. SECONDARY METAL FORMING AND SHAPING MACHINES AND EQUIPMENT (cont'd)		
5. Shearing and punching machines	2	
6. Forging machinery	1	
7. Wire forming machines	___	
8. Miscellaneous	30	
9. Other metal working machinery and equipment	___	
C. MISCELLANEOUS METAL WORKING EQUIPMENT		6
1. Welding machines, all types	4	
2. Testing and measuring machines, all types	___	
3. Miscellaneous physical property testing	___	
4. Heat treating equipment	2	
5. Portable metal working machines	___	
II. ELECTRICAL MACHINERY AND APPARATUS		45
A. ELECTRICAL MOTIVE EQUIPMENT		26
1. Generators	___	
2. Motors (5 HP and over)	23	

INVENTORY FORM FOR MACHINE TOOL AND METAL FORMING MACHINES

DATE _____

Name of Company _____ Related SCAPIN # _____

Name of Plant _____ Code # _____

Address of Plant _____

	Number Tallied
II. ELECTRICAL EQUIPMENT (cont'd)	
3. Motor Generators	3
4. Frequency changers	____
5. Converters and inverters	____
6. Generator Sets (Direct coupled to prime mover)	____
B. PRIMARY TRANSMISSION, DISTRIBUTION EQUIPMENT	19
1. Transformers	10
2. Switch	9
III. GENERAL PURPOSE MECHANICAL EQUIPMENT	1
A. ENGINES AND TURBINES	____
1. Steam Engines	____
2. Steam Turbines	____
3. Internal Combustion Engines	____
B. COMPRESSORS AND PUMPS	1
1. Compressors and Dry Vacuum Pumps	____
2. Pumps	1
C. MECHANICAL POWER AND EQUIPMENT	____
1. Power Drives	____
2. Cranes	____

I-B

DATE	SUBJECT

DATE	SUBJECT

I - D

DATE	SUBJECT

I - D

SUBJECT	DATE

P. 1

SUBJECT	DATE

DATE	SUBJECT
	Application for the Permission of Conversion to the Essencial Consumers Commodities
27 Nov 45	Application for Conversion Nakanishi Bearing Retainer Manufacturing Co. Ltd., Osaka.
30 Nov 45	Application for Conversion Nakanishi Bearing Retainer Manufacturing Co Ltd., Osaka
4 Dec 45	Permit for Reconversion from War Production and for Resumption of Production of Essential Civilian Commodities
22 Jun 49	Reconversion Permit for Reparations Plant
Jul 49	Production Report
13 Aug 49	Production Report
Sep 49	Production Report
Oct 49	Production Report

Report of Production (September)

Code No. 32-115

Name of Plant Kawachi Plant Nakanishi Kinzoku Kogyo K.K.

Item	Operating Authority	Authorized Quantity	Actual Production	Equipment Used
Parts of Bicycle Frame	Reconversion Permit G.H.Q. SCAP 22 June 1949	Max quantity	Production 2,400	——
Parts of Bicycle Mud-guard	Ditto	47,500pcs.	3,000	——
Parts of Bicycle Fork	Ditto		2,918	——
Parts of Bicycle Handle	Ditto		1,390	——
Kichen Utensils Toys Architectural Hand Ware Parts of Bicycle	Apo 442 1 December 1948 Hq. MGT.	——	——	——

Custodian M. Yonauchi

Report of Production (August)

Code No. 32-116

Name of plant Kawachi Plant

Nakanishi Kinzoku Kogyo K.K.

Item	operating Authority	Authorized Quantity	Actual Production	Equipment Used
Parts of Bicycle Fram	Reconversion Permit GHQ SCAP 22 JUNE 1949	Max Quantity	Production 3,050	-
Parts of Bicycle Mud-Guard	Ditto	47,500 pcs	2,625	-
Parts of Bicycle Fork			4,150	-
Parts of Bicycle Handle			1,407	-
Kitchen Utensils Tools	APO 442 1 December 1945	-	-	-
Architectual Hardware				
Parts of Bicycle	149 MGT			

Custadian M. Yamauchi

REPORT OF PRODUCTION (JULY)

Code No. 32-116

Name of Plant Kawachi Plant

Nakanisni Kinzoku

Kogyo K.K.

Name of Plant : Nakanishi Kinzoku Kogyo K.K., Kawachi Plant.

Code Number: 32 - 116

(1)	(2)	(3)	(4)	(5)
Item	Operating Authority	Authorized Quantity	Actual Production	Equipment Used
Parts of Bicycle Fram	Recomversion Permit GHQ SCAP 22 June 1949	Maximum Quantity	3,000	
Parts of Bicycle Mud-guard	ditto		3,000	
Parts of Bicycle Fork	ditto		3,000	
Parts of Bicycle Nandle	ditto		1,850	
Kitchen Utensils, Joys	APO 442 1, December			
Architectural Hardware				
Parts of Bicycle	HQ, MGT.			

M. Yanauchi
Custodian

COPY

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

22 June 1949
Date

SUBJECT: Reconversion Permit for Reparations Plant

TO : Nakanishi Kinzoku Kogyo K.K., Kawachi Plant
Niwaji, Neyagawa-cho, Kitakawachi-gun, Osaka.

1. In accordance with Memorandum from the Supreme Commander for the Allied Powers to the Japanese Government, dated 22 November 1946 (SCAPIN-1365), The Nakanishi Kinzoku Kogyo K.K. is permitted to produce at their Kawachi Factory located at Neyagawa-cho the following additional items:

Item	Maximum quantity
Bicycle Parts	47,500 pcs per month

2. The temporary use of the following additional reparations machinery is authorised:

None	None

3. A program will be immediately initiated to substitute non-reparations machinery in temporary use.

4. The acquisition of material, parts and sub-assemblies as well as the disposition of finished products and the establishment of sales prices will be in accordance with the regulations of the Japanese Government.

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

FOR THE CHIEF, ECONOMIC AND SCIENTIFIC SECTION:

W.S. VAUGHAN
Chief, Industry Division

Report of Production (May)

Code No. 34-116

Name of Plant Kawachi Plant

Nakanishi Kinzoku Kogyo K.K.

Item	Operating Authority	Authorzed Quantity	Actual Production	Equipment used
Parts of Bicycle Fram	Recomversion Permit J.H.Q. SCAP 15, Nov. 1948	Production of capacity 6,500	Production 6,200	None
Parts of Bicycle Mud-Guard	Ditto	Ditto 20,000 Pair	6,200 Pair	None
Parts of Bicycle Fork	Ditto	Ditto 6,500 Pcs	4,480 Pcs	none
Parts of Bicycle Handle	Ditto	Ditto 6,500 Pcs	1,030 Pcs	none
Kitchen Utensico Joys. Architectural Hardware Parts of Bicycle	APO 442 1 December 1945 Hq, MGT.	Operating Authority	none	none

M. Yanagiuchi.

REPORT OF PRODUCTION (June)

Code No.: 32 - 115

Name of Plant: Kawachi Plant

Nakanishi Kinzoku Kogyo K.K.

Item	Operating Authority	Authorized Quantity	Actual Production	Equipmen Used
Parts of Bicycle Frame	Reconversion Permit GHQ SCAP 15, Nov, 1948	Production of Capacity 6,500	3,000	
Parts of Bicycle Mud-guard	ditto	ditto 20,000 pair	3,000	
Parts of Bicycle Fork	ditto	ditto 6,500 pcs	3,000	
Parts of Bicycle Handle	ditto	ditto 5,500 pcs	2,240	
Kitchen Utensils Toys Architectural Hardware Parts of Bicycle	APO 442 1, Dec. 1945 HQ, MGT.		None	

M. Yanagiuchi

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

22 June 1949
Date

TO: Osaka
Military Government Team

SUBJECT: Reconversion Permit for Reparations Plant

1. Inclosed is an Operating Permit for Nakanishi Kinzoku Kogyo K.K.
Name of Company

Kawachi
Plant Name

Niwaji, Neyagawa-cho, Kitakawachi-gun, Osaka
Address

2. This permit will be granted the company unless the company is not fully complying with current directives effecting operation of the Reparations Plants.

3. If the permit is not given the Supreme Commander will be notified immediately of the reasons for the withholding of the permit and recommendations as to continued operation of the plant. An information copy will be sent direct to the Supreme Commander (Attn: ESS/IN) and action copies forwarded through command channels.

FOR THE CHIEF, ECONOMIC AND SCIENTIFIC SECTION:

W. S. VAUGHAN
Chief, Industry Division

OSAKA M.G
RES-COM-IND
FILE 1-5

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

22 June 1948
Date

SUBJECT: Reconversion Permit for Reparations Plant

TO: [redacted]

1. In accordance with Memorandum from the Supreme Commander for the Allied Powers to the Japanese Government, dated 22 November 1946 (SCAPIN-1355), the [redacted] is permitted to produce at their [redacted] factory located at [redacted] the following additional items:

Item	Maximum Quantity
[redacted]	[redacted]

2. The temporary use of the following additional reparations machinery is authorized:

[redacted]	[redacted]

3. A program will be immediately initiated to substitute non-reparations machinery for reparations machinery in temporary use.

4. The acquisition of material, parts and sub-assemblies as well as the disposition of finished products and the establishment of sales prices will be in accordance with the regulations of the Japanese Government.

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

FOR THE CHIEF, ECONOMIC AND SCIENTIFIC SECTION:

W. S. VAUGHAN
Chief, Industry Division

C O P Y

HEADQUARTERS SIXTH ARMY
Military Government Section

APO 442

File 201.6 201 Date: 4 Dec 45

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

TO : Nakanishi Bearing Retainer Manufacturing Co., Ltd.,
(Name & Address of Firm)
Temma & Kawachi Plants.
63 Temmabashisuji 5-chome, Kita-ku, Osaka

1. In accordance with the provisions of paragraph 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 CINCAFPAC Radio ZAX 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. WELLS
Colonel, Infantry
Military Government Officer

Info Copies To:

G-2, SCAP (Attn: Lic. & S. Sec)
CG I Corps, (Attn: MG Sec.)
Imperial Japanese Gov't
(Thru Hq Dep. Liaison Officer, Kyoto)

1 Incl:
Annex No. 1

C O P Y (Reproduced by Hq I Corps)

2nd 12

HEADQUARTERS SIXTH ARMY
Military Government Section
APO 442

4 December 1945

ANNEX NO. 1

Permission is granted to Nakanishi Bearing Retainer Manufacturing Co., Ltd., Temma Factory, Kawachi Factory, 68 Temmabashisuji 5-chome, Kita-ku, Osaka to produce the following items listed below:

a. Household utensils.

b. Farm tools.

c. Building hardware.

d. Toys.

e. Buddhist bells.

f. Scales.

- -

(Nothing Follows)

D. S. LOCKIE
1st Lt. F. D.

MAJ LOCKE.

HEADQUARTERS 98TH INFANTRY DIVISION
Military Government Section
APO 98 (Osaka, Honshu)

014.13 G-5/cfk 30 November 1945

SUBJECT: Application for Conversion ~~Nakanishi Bearing~~ Retainer Manufacturing Co.Ltd., Osaka

TO : MGO Sixth Army (thru channels)

1. The attached list of shareholders of the above mentioned company is a supplement to our letter dated 27 November in connection with their application for reconversion.

FOR THE SENIOR MILITARY GOVERNMENT OFFICER

FRANK E. HAVENS
1st Ltd., F.A.
Adjutant

1 Incl.
1 list

File

HEADQUARTERS 98TH INFANTRY DIVISION
Military Government Section
APO 98 (OSAKA, HONSHU)

014.13 G-5/cfk 27 November 1945

SUBJECT: Application for Conversion Nakanishi Bearing Retainer Manufacturing Co.Ltd., Osaka

TO : MGO Sixth Army (thru channels)

1. Inspection and survey was made of the above mentioned company regarding their application for conversion and figures found correct.

2. It is recommended that this application be approved and authority granted for reconversion.

BEN LOCKE
Major, Air Corps
Commerce and Industry Officer

Incl.
1 Application

014.13 G-5/cfk 1st Ind 27 November 1945

Headquarters 98th Infantry Division. Military Government Section.

TO: MGO. I Corps

1. The above recommendation approved by thus office and forwarded.

CHARLES R. MUNSKE
Lt.Col., CAC.,
Senior Military Government Officer

Completed

Application

for the permission of conversion

to the essencial consumers' commodities

The Nakanishi

Bearing Retainer Manufacturing Co., Ltd.

Osaka

1. Name The Nakanishi Bearing Retainer Manufacturing Co., Ltd.

2. Capital ¥ 11,150,000
(Paid-up capital ¥ 11,150,000)

3. Ownership
a Jatsujiro Nakanishi
b The Sumitomo Life Insurance Company
c The Kôyô Seiko Co., Ltd.
d The Tôyô Bearing Manufacturing Co., Ltd.
e The Nihon Seiko Co., Ltd.
f The Fujikoshi Steel Manufacturing Co., Ltd.

4. Relation to the government —

5. Date of foundation June 19, 1941

6. Location
Head Office 68, Temmabashisuji-5-chome, Kita-ku, Osaka
Temma Factory 68, Temmabashisuji-5-chome, Kita-ku, Osaka
Kawachi Factory 480, Niwaji, Neyagawa-cho, Kitakawachi-gun, Osaka

7. General description of machinery and plant

			Jemma Factory	Kawachi Fac.
Area of factory			14237 sq. meters	30921 sq. meters
Area of buildings			6626	9240
Numbers of machines	Machine tool		10	187
	Pressing machine		49	375
	other machines		28	122
Holding raw Materials	Munitions materials	Bright sheet steel	107.97 ton	107 ton
		Bright ribbon steel	97.20	95.75
		Rolled steel	7.56	57.57
	Unmunitions Materials	Bright sheet steel	107.98	107
		Bright ribbon steel	97.20	94
		Rolled steel	/	7.1

8. Number of employees

Jemma Factory	80
Kawachi Factory	325

9. Production before the war

Bearing Retainer.

10. Production during the war

			Jenma Factory	Kawaski Factory
Item of products			Bearing Retainer	Bearing Retainer
Year	1944	Volume	3,950,889	19,109,215
		Value	¥ 3,664,798.85	¥ 7,226,205.33
	1945	Volume	9,879,736	7,882,548
		Value	¥ 1,511,729.01	¥ 2,980,809.60

11 Future plan of production

A. The items expected to be manufactured

1. Home goods
2. Farming tools
3. Metal fitings for building
4. Toys
5. Bell for Buddhist
6. Scale

B. The quantity of each for a month

1	Home goods	500,000
2	Farming tools	150,000
3	Metal fixings for building	200,000
4	Toys	200,000
5	Bell for Buddhist	200,000
6	Scale	10,000

C The raw material to be requested

Bright sheet steel	440	ton
Bright ribbon steel	50	
Rolled steel	10	

D Date to be manufactured

Oct. 1945

DATE	SUBJECT
15 Sept 46	Petition for the Exemption of our Kawachi Plant from the OD-5 List of Aug 21 1946
7 Feb 47	Exclusion of the Temma Factory of the Nakanishi Kinzoku K.K.
14 Feb 47	Petition for Exclusion from Reparations Selection
19 Apr 47	Request for Reparations Exemption
21 Apr 48	Request for Release from Reparations Custody and Control
25 Oct 48	Installation of Machinery
12 May 49	Authorization to Install Exempt Equipment
4Nov 49	Report on Additional Installation of EI Machines

Plant file
32-116
III

Osaka Prefectural Government
The First Commerce and
Industry Section

4 November 1949

Subject : Report on Additional Installation of EX Machine(s)

To : The Kinki Civil Affairs Region
Attn: Chief of Economics Division

1. This is to report to you that the under-mentioned plant has installed the EX machine(s) stated in the attached list.

2. The under-signed certifies that the said machine(s) is (are) exempt from reparations claim under the existing directions.

Name of Plant : Nakanishi Kinzoku Kogyo K.K.,
Kawachi Plant.

Code Number : 32 - 116

FOR THE GOVENOR:

Sadao Kobayashi

(Sadao KOBAYASHI)

Head of the First
Commerce and Industry
Section

List of Additional EX Machines

Item Code Number (32-116-)	Name of Machine	Maker's Name	Serial Number	Capacity	Quantity set(s)
1A3-32 EX	Drilling Machine, vertical,	Unknown	Unknown	Stroke 3 "	1
1A3-33 EX	Drilling Machine, bench	do	Unknown	Stroke 3 "	1
1A3-34 EX	Drilling Machine, special	Nippon Mokkan K.K.	343	Stroke 6 "	1
1A3-35 EX	Drilling Machine, vertical	Unknown	Unknown	Stroke 3 "	1
1A5-22 EX	Grinding Machine, special	Micro Seisaku-sho	do		1
1A5-23 EX	Grinding Machine, surface	Nakanishi Seisaku-sho	Unknown		1
1A5-24 EX	Grinding Machine, tool	Ri-Cut	Unknown	Double Head 12"	1
1B8-36, 37,38 EX	Tapping Machine, Manual	Unknown	Unknown		3
1B8-39 thru 44EX	Rapping Machine, Manual	do	do		6
1B4-256 EX	Mechanical Press, horizontal, eccentric	do	do	Stroke 2 "	1
1B4-257 EX	Mechanical Press, power	do	99	Stroke 5 "	1
1B4-258 EX	Mechanical Press, crank	do	do	Stroke 2 4/8"	1
1B4-259 EX	Mechanical Press crank	Okuni Press	s 5	Stroke 2 "	1

1B4-260, 261 EX	Mechanical Press, crank	Akishu Press	sss No. 101		2
1B3-125 thru 130 EX	Press, Manual, eccentric	Unknown	Unknown	Stroke 1 4/8"	6
1B3-131 EX	Press, Manual	do	do	Stroke 10"	1
1A4- 12 EX	Hobbing Machine, 18"	Masterpiece I.D. & Co.	do		2
	TOTAL				31

EX

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Code No	Ex No	Name
IA3-30EX	EX-1	Drilling Machine, bench
IA3-31EX	EX-24	Drilling Machine
IA5-21EX	EX-23	Grinder
IA9-21EX	EX-5	Buffing Machine
" 22	6	
" 23	7	
" 24	8	"
" 25	9	"
" 26	10	"
" 27	11	"
" 28	14	"
" 29	15	"
" 30	16	"
" 31	17	"
IA9-32EX	25	Turning Shaft
IB8-32EX	2	Roller, bending
" 33	3	"
" 34	4	"
IB8-35EX	26	"