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

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

Description of contents

(1) Box no. 2932

(2) Folder title/number: (27)
Kawasaki Kokuki K.K. - Kobe Plant

(3) Date: Jan. 1947

(4) Subject:

Classification	Type of record
9230, 9621	c, k

(5) Item description and comment:
i) Hyogo
ii) Ex-Army 54th Division Paymasters Warehouse?

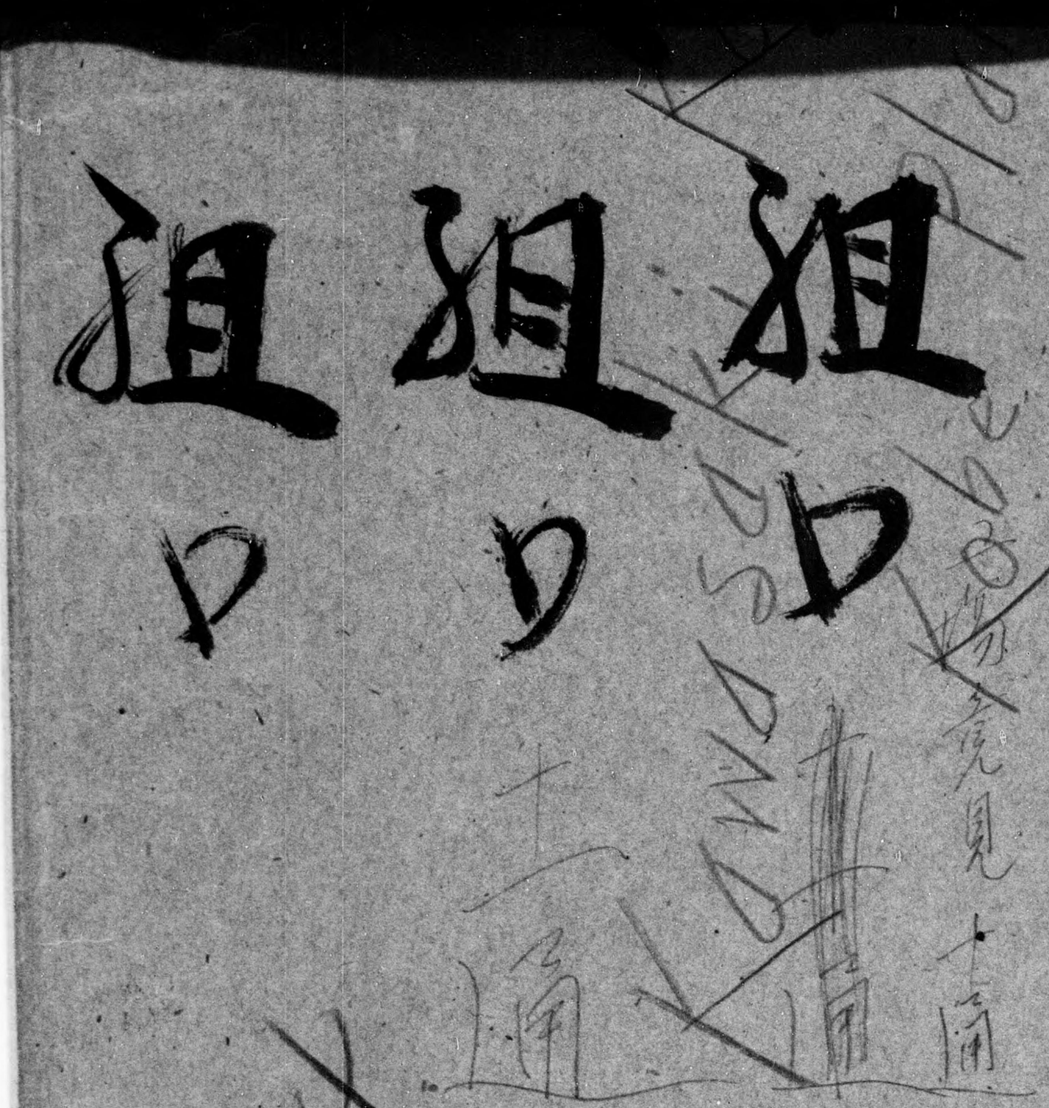
(6) Reproduction: (Yes) No

(7) Film no. Sheet no.

(Compiled by *National Diet Library*)

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

三菱神戸造船所



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

Hyge 5
13-22

川崎航空機
旗子組
清水組
香川組

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. [redacted]

P. G.

KAWASA[redacted]

KOB[redacted]E

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. [redacted]

ASAHI KOKUKI K.K.
KOBE KOZYO

MGP 37

NAME OF PLANT, LABORATORY, OR ARSENAL:
工場, 研究所又ハ兵器廠ノ名稱

LOCATION: Present Name: Kawasaki Industrial Co., LTD Kobe Casting & Forging Plant
所在地 Wadayamadori 2 chome Hyogoku Kobe

SIGNATURE OF OWNER OR CUSTODIAN:
所有者又ハ管理人ノ署名

M. Matsui

REPARATIONS PLANTS MATERIALS
賠償工場ノ資材

General Contractors Association of Japan
Hyogo Prefecture Branch

** SIGNATURE OF LOCAL JAPANESE LIAISON OFFICER:
當該地區日本連絡官ノ署名

Taichi Kagawa
The Head Survey Team
Kagawa-Gumi Construction Co.

DATE:
日附
Jun. 21 1947

K. Toda.

MATERIAL STOCKS (NOT INSTALLED) 在庫資材表 (施設ニ含マレザルモノ)

ITEM DESCRIPTION 品目・名稱	UNIT 單位	QUANTITY 數量	TOTAL ESTIMATED WEIGHT 見積總重量	NUMBER OF CARLOADS 積込貨車數	CONDITION *** 狀態	REMARKS 摘要
						No 9
Item Description	Unit	Quantity	Total Estimated weight	Number of carloads	condition	Remarks
(Miscellaneous)						for a month
Nuts 1/4" ϕ	ea.	1,400				Its spent quantity 100 ea
Champ wood-screw ϕ 4"x22	"	600				" " 100 pica.
" " " ϕ 5"x38	"	1,500				" " 1000 "
" " " ϕ 4"x45	"	1,100				" " 1000 "
" " " ϕ 5.5"x65	"	700				" " 500 "
" " " ϕ 6.5"x70	"	700				" " 500 "
" " " ϕ 6.5"x80	"	500				" " 300 "
" (spherical) ϕ 6"x35	"	700				" " 500 "
" " " ϕ 6"x3/4"	"	229				" " 150
" " " ϕ 6"x7/8"	"	114				" " 100

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"	" (spherical) 4 x 35	"	700				"	" 500 "
"	" " 6 x 3/4"	"	229				"	" 159
"	" " 6 x 7/8"	"	119				"	" 109
Glue brushes	7.2 mm	piece	22				"	" 20 piece
"	" 90 "	"	88				"	" 50 "
"	" 20 "	"	20				"	" 50 "
Cloth papers	No. 60	sheet	134				~~[illegible] machine, [illegible] allotment goods~~ "	" 100 sheet allotment goods to keep of reparation machine.
"	" No. 100	"	638				"	" 500 "
"	" No. 120	"	688				"	" 600 "
"	" (net-meshes) No. 180	"	460				"	" 500 "
"	" (small shape)	doz.	294				"	" 50 Doz.
"	"	sheet	130				"	" 90 "
"	"	"	130				"	" 90 "
Sand papers	1 1/2"	"	850				"	" 50 sheet
"	" 1"	"	280				"	" 50 "
Glass papers	3"	"	850				"	" 70 "
"	" FF	"	193				"	" 100 "
Jaknite papers	#60	"	59				"	" 20 "

"	"	1"	"	280				"	
Glass papers		3"	"	850				"	70
"	"	FF	"	193				"	100
Gaknite papers		#60	"	57				"	20
Emery papers		2/0	"	220				"	100
"	"	3/0	"	175				"	100
"	"	4/0	"	227				"	100
"	"	5/0	"	200				"	100
"	"	0/2	"	354				"	100
"	"	0/3	"	200				"	100
"	"	0/4	"	400				"	100
"	"	0/5	"	400				"	100
One-sun-tube shaped brushes			ea	215				"	100
Brushes		25 mm	"	26				"	50
Crane-neck-shaped brushes		25"	"	250				"	250
"	"	16"	"	396				"	200
"	"	9"	"	788				"	500
"	"	16"	"	265				"	150

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

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One-sun-tube shaped brushes		ea	315				"	" 100.
Brushes	25 mm	"	36				"	" 50.
Crane-neck-shaped brushes	25"	"	250				"	" 200.
" "	16"	"	396				"	" 200
" "	9"	"	788				"	" 500
" "	16"	"	265				"	" 150
Glue brushes	9"	"	38				"	" 50
Screws (for wood)	1 1/4" (144 g content)		36 G ~~144~~				(wooden shaped) "	" 100 pieces
" "	1 3/4 "	"	5 G				"	" 100 "
" "	2 1/4 "	"	5 G				"	" 100 "
" "	2 1/2 "	"	1				"	" 100
Belt wax	3 g content	ea	237				"	" 100 ea.
Fire-bricks		sheet	16,300				"	" 7,000 sheet
" "	(Special shape)	"	12,800				"	" 3,000 "
" mortar	40 kg content	bale	150				"	" 150 bale
" ~~mortar~~	~~40 kg content~~	~~bale~~	~~150~~					

INSTALLED MATERIALS AND SUPPLIES 施設濟ノ資材

ITEM DESCRIPTION 品目. 名稱	UNIT 單位	QUANTITY 數量	TOTAL ESTIMATED WEIGHT 見積總重量	NUMBER OF CARLOADS 積込貨車數	REMARKS 摘要

地方府縣米軍軍政府係官專用欄 FOR USE BY PREFECTURAL MILITARY GOVERNMENT TEAM ONLY. STRIKE OUT WORDS NOT APPLICABLE AND FILL IN BLANK SPACES.

IS (NOT) AN ENEMY SURRENDERED FACILITY
IS ([redacted]) A REPARATION FACILITY.
IS ([redacted]) PRODUCING FOR OCCUPATION FORCES.
IF SO, GIVE PROCUREMENT DEMAND NUMBERS OR DATA REGARDING ORDERS FOR DEPENDENT HOUSING:

1. KYTE 1114

2. Plant is also producing 2000 complete sets of steam radiators for I Corps on a procurement demand issued to Mitsui Bussan. number unknown.

HAS (NOT) BEEN TURNED BACK TO HOME MINISTRY
IS ([redacted]) OPERATING.
ANY OBJECTION TO REMOVAL OF ABOVE ITEMS: Yes, Production of procurement items and productions of essential transportation items would be halted or seriously impaired.

CORRESPONDENCE OR ACTION IS ([redacted]) PENDING TO REMOVE PLANT FROM REPARATIONS LIST.
CORRESPONDENCE OR ACTION IS (NOT) PENDING FOR ([redacted]) (CLOSING) THE PLANT.
STATEMENT AS TO WHETHER MACHINERY OR EQUIPMENT IN PLANT WILL BE JEOPARDIZED BY REMOVAL OF ABOVE ITEM:
Removal of buildings would jeopardize storage of reparations equipment.

PLANT NO.: 13-22 SERIAL NO. OF FORM: Hyge 5 DATE: 27 Jan. 1947 MIL GOVT OFFICER: Albert B. Holtz, Civ PREFECTURE: Hyogo

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

Item Description		Unit	Quantity	Total Estimated Weight	Number of Carloads	Condition	Remarks
10 Carbon steel	150 †	Kg.	46,000	South shop 4,000 North shop 42,000			Pre-arranged, per a month would be used 50 Tons
" "	100 □	"	35,000	Northern shop			Pre-arranged, per quarter-year " would be used 700 Tons
" "	70 □	"	12,000	Southern shop			(Ageing) Connecting Rod of Automobil " " Rear Axleshaft
" "	60 □	"	4,000	" "			Rear Yoke Front Yoke "
20 " "	130 †	"	48,000	South shop 1500 Northern shop 46500			" Spider Drive Gear " Speed Gear " " Mission Gear
" "	150 †	"	60,000	Northern shop			etc " "
35 "	28 †	"	250	Southern shop.			" "
" "	75 □	"	15,400	" "			" "
45 "	50 †	"	4,100	" "			" "
" "	130 †	"	5,000	Northern shop			" "
" "	50 □	"	13,300	Southern shop			" "
" "	120 □	"	7,000	Northern shop			" "
Face harding chrome molybdenum steel	50 †	"	6,000	Northern shop			" "
" " "	90 □	"	5,000	" "			" "
" " "	80 □	"	1,600	" "			" "
" " "	120 □	"	2,200	Southern shop			" "

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

"	"	120□	"	7,000	Northern shop		"	"
Face harding chrome molybdenum steel		50 ϕ	"	6,000	Northern shop		"	"
"	"	70□	"	5.000	" "		"	"
"	"	80□	"	1,600	" "		"	"
"	"	120□	"	2,200	Southern shop		"	"
"	"	130□	"	4,000	" "		"	"
"	"	100 ϕ	"	1,000	Northern shop		"	"
"	"	70 ϕ	"	2,500	" "		"	"
"	"	75 ϕ	"	24 000	" "		"	"
"	"	40 ϕ	"	2,000	" "		"	"
Face Harding steel		50 ϕ	"	700	" "		"	"
"	"	80 ϕ	"	5,000	" "		"	"
"	"	100 ϕ	"	4,000				
80 Kg. Chrome steel		42 ϕ	"	1,200	Southern shop		"	"
"	"	46 ϕ	"	3,200	" "		"	"
"	"	50 ϕ	"	4,000	" "		"	"
"	"	80 ϕ	"	1,000	Northern shop		"	"

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"	"	80#	"	5,000	"	"	"
"	"	100#	"	9,000			
80 Kg. Chrome steel		42#	"	1,200	Southern shops	"	"
"	"	45#	"	3,200	"	"	"
"	"	50#	"	4,000	"	"	"
"	"	80#	"	1,000	Northern shops	"	"
"	"	100#	"	2,500	"	"	"
"	"	130#	"	1,500	"	"	"
"	"	60"	"	17,000	Southern shops	"	"
"	"	100"	"	44,500	"	"	"
90 Kg. Chrome molybdenum steel		50#	"	3,000	Northern shops		"
"	"	60#	"	5,000	"	"	"
"	"	70#	"	1,500	"	"	"
75 Kg. Silicon manganese steel		50#	"	38,000	"	"	"
"	"	70#	"	17,000	"	"	"
"	"	40#	"	1,500	"	"	"
"	"	120"	"	3,500	"	"	"

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDS NO.

"	"	100#	"	44,500	"	"	"	"
90 KG. Chrome molybdenum steel		50#	"	2,000	Northern shop			
"	"	60#	"	5,000	"	"	"	"
"	"	70#	"	1,500	"	"	"	"
75 KG. Silcon manganese steel		50#	"	95,000	"	"	"	
"	"	70#	"	17,000	"	"	"	"
"	"	40#	"	6,400	"	"	"	"
"	"	120#	"	3,500	"	"	"	"
90 KG. Silcon manganese steel		65#	"	7,500	"	"	"	"
"	"	80#	"	30,000	"	"	"	"
					Southern shop	4000)		
"	"	100#	"	31,000	Northern shop	27000)	"	"
"	"	110#	"	4,500	Northern shop		"	"
"	"	60#	"	134,700	Southern shop		"	"
"	"	65#	"	20,400	"	"	"	"
"	"	70#	"	2,000	Northern shop		"	"
					Southern shop	200,000)		
"	"	100#	"	225,000	Northern shop	5000)	"	"
"	"	120#	"	15,000	Northern shop		"	"

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDS NO.

"	"	65□	"	20,400	"	"	"
"	"	70□	"	2,000	Northern shops Southern shops 209,000)	"	"
"	"	100□	"	225,000	Northern shops 5000)	"	"
"	"	120□	"	15,000	Northern shops	"	"
"	"	60ϕ	"	2,500	"	"	"
"	"	40ϕ	"	1,500	"	"	"
Strong sticky steel		28ϕ	"	1,100	Southern shops	"	"
"	"	34ϕ	"	1,500	"	"	"
"	"	150ϕ	"	15,000	Northern shops	"	"
Silcon Chrome steel		40ϕ	"	6,000	"	"	"
"	"	50ϕ	"	1,600	"	"	"
Nickel manganese chrome steel		50ϕ	"	3,400	"	"	"
Silcon chrome tungsten steel		40ϕ	"	54,200	"	"	"
"	"	55ϕ	"	6,000	"	"	"
"	"	50ϕ	"	7,000	"	"	"
75K² Chrome molybdenum steel		90□	"	4,000	"	"	"
High carbonic — Chrome steel		90ϕ	"	17,000	"	"	"

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Nickel manganese chrome steel	50φ	〃	3,400	〃	〃			〃
Silcon chrome tungsten steel	40φ	〃	4,200	〃	〃			〃
〃 〃	55φ	〃	6,000	〃	〃			〃
〃 〃	50φ	〃	7,000	〃	〃			〃
75K8 Chrome molybdenum steel	90φ	〃	4,000	〃	〃			〃
High carbonic — chrome steel	90φ	〃	17,000	〃	〃			〃
〃 〃	100φ	〃	2,400	〃	〃			〃
〃 〃	120φ	〃	15,000	〃	〃			〃
Strong sticky steel (N.K.I)	200φ	〃	2,500	Southern shops				〃
80 K8 Chrome steel	120φ	〃	25,000	Northern shops				〃
Steel for moulds	120φ	〃	245,000	Northern shops & Southern shops at Kasumojima				Pre-arranged per quarter year (would be used 200 tons)
Silcon chrome steel	12φ	〃	6,000	Southern shops				It will spent for a month.
〃 〃	17φ	〃	300	〃	〃			Pre-arranged per a month all of them
Silcon manganese steel	60φ	〃	6,000	〃	〃			〃 〃
Manganese chrome steel	40φ	〃	6,000	〃	〃			〃 〃
〃 〃	70φ	〃	250	〃	〃			〃 〃
〃 〃	80φ	〃	100	〃	〃			〃 〃
〃 〃	40φ	〃	100	〃	〃			〃 〃

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80 Kg. Chrome steel	120 ¢	"	25,000	Northern shop, Southern shop & Southern shop at Yawatajima			"
Steel for moulds	120 ¢	"	244,000	"			Pre-arranged per quarter year would be used 200 tons
Silcon chrome steel	12 ¢	"	6,000	Southern shops			It will spent for a month.
" "	19 ¢	"	300	" "			Pre-arranged per a month all of them
Silcon manganese steel	60 ¢	"	6,000	" "			" "
Manganese chrome steel	40 ¢	"	6,000	" "			" "
" " "	70 ¢	"	250	" "			" "
" "	80 ¢	"	100	" "			" "
" "	40 ¢	"	100	" "			" "
" "	100 ¢	"	4,000	" "			" "
Aluminum nitrogenic steel	50 ¢	"	2,000	Northern shop			" "
" "	60 ¢	"	1,500	" "			" "
" "	120 ¢	"	8,000	" "			" "
" "	125 ¢	"	2,000	Southern shop			" "
80 Kg. Chrome steel	100 ¢	"	500	" "			" "
" "	100 ¢	"	3,800	" "			" "
70 Kg. Chrome molybdenum steel	45 ¢	"	70	" "			" "

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

Item Description		Unit	Quantity	Total Estimated Weight	Number of Carloads	Condition	Remarks
Silcon chrome tungsten steel	55φ (resist heat)	Kg.	300	Southern shop			Pre-arranged, per a month would be use
Silcon chrome steel (resist heat)	40φ	"	2,700	" "			"
Strong & sticky steel	150φ	"	4,500	" "			"
Face harding tungsten steel	75□	"	800	" "			"
Strongest aluminium alloy	90φ	M.	9	" "			"
" "	80φ	"	6	" "			"
" "	120φ	"	26	" "			"
" "	30φ	"	3.5m x 50 Pcs	" "			Pre arranged, per a month would be use 20 pcs.
Carbon steel	50φ	Kg.	400	" "			Pre arranged, per a month would be use
"	65φ	"	320	" "			"
"	75φ	"	210	" "			"
"	80φ	"	2,500	" "			"
Face harding carbon steel	28φ	"	500	" "			"
" "	50φ	"	110	" "			"
" "	90φ	"	3,000	" "			"

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"	80#	"	2500	"	"			"
Face harding carbon steel	28#	"	500	"	"			"
" "	50#	"	110	"	"			"
" "	90#	"	3,000	"	"			"
Higher Carbonic steel	104#	"	500	"	"			"
Face harding carbon steel	120#	"	2400	"	"			"
Carbon steel	130#	"	400	"	"			"
Face harding Carbon steel	90#	"	300	"	"			"
Face harding tungsten steel	50#	"	1,500	"	"			"
" "	45#	"	120	"	"			"
				"	"			"
				"	"			"
				"	"			"
				"	"			"
Face harding nickel tungsten steel	60#	"	200	"	"			"
" "	70#	"	670	"	"			"
" "	80#	"	500	"	"			"

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				"	"	"
				"	"	"
Face harding nickel tungsten steel	60#	"	200	"	"	"
" "	70#	"	670	"	"	"
" "	80#	"	500	"	"	"
" "	100#	"	2500	"	"	"
" "	160#	"	6,000	"	"	"
Strong & sticky steel	65#	"	7,000	"	"	"
" "	90□	"	3,200	"	"	"
Special tool steel	30#	"	2,100	Northern Shop		"
" "	38#	"	800	"		"
" "	48#	"	1,200	"		"
" "	115□	"	2,500	"		"
" "	19#	"	500	"		"
" "	16□	"	300	"		"
Carbon Steel	60□	"	6,500	Southern Shop		"
Rail Steel	4 75 x 10" 000	Piece	20	Northern Shop		"
	4 75 x 6" 000	"	20	"		"

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〃	〃	115	〃	2,500	〃		
〃	〃	19φ	〃	500	〃		〃
〃	〃	16φ	〃	300	〃		〃
Carbon Steel		60φ	〃	6,500	Southern Shop		〃
Rail Steel		L 75×10″000	Piece	20	Northern Shop		〃
〃		L 15×6″000	〃	27	〃		〃
Hard Steel		260φ	Kg.	7,000	Southern Shop		〃
〃		150φ	〃	2,500	〃		〃
〃		120φ	〃	1,500	〃		〃
Silcon Manganese Chrome steel plate		3×500×2″000	Sheet	9	Storage Northern & Southern Shop		〃
Special class steel		12φ	Kg	530	Southern Shop		〃
〃	〃	10φ	〃	70	Southern Shop		〃
〃	〃	16φ	〃	1,550	〃		〃
〃	〃	19φ	〃	1,030	〃		〃
〃	〃	25φ	〃	15	〃		〃
〃	〃	32φ	〃	2400	〃		〃
〃	〃	28φ	〃	2,000	Northern Shop		〃
〃	〃	38φ	〃	5,450	Southern Shop		〃

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

"	"	19#	"	1,030	"			"
"	"	25#	"	15	"			"
"	"	32#	"	2,400	"			"
"	"	28#	"	2,000	Northern Shop			"
"	"	38#	"	5,450	Southern Shop			"
"	"	50#	"	940	"			"
"	"	70#	"	3,000	Southern & Northern Shops			"
Special class steel		80#	"	100	Southern Shop			"
"	"	90#	"	1,000	"			"
"	"	105#	"	1,000	North Shop			"
"	"	150#	"	700	"			"
"	"	25□	"	600	Southern "			"
"	"	30□	"	1,800	"			"
"	"	65□	"	4,000	Northern "			"
"	"	70□	"	800	"			"
"	"roundish steel scrap"			5,000	Southern "			"
"	"Scrap		"	4,000	Northern "			"

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDS NO.

"	"	25#	"	600	Southern	"
"	"	30#	"	1,800	"	"
"	"	65#	"	4,000	Northern	"
"	"	70#	"	800	"	"
"	"roundish steel scrap"			5,000	Southern	"
"	"Scrap		"	4,000	Northern	"
Mild steel flat bar	6"x32"		"	100	"	"
"	"	9x32	"	400	Southern	"
Mild steel flat bar	19x75		"	200	"	"
"	"	22x100	"	100	"	"
Mild steel		100x400	"	12000	"	Materid for good of Transportation department dependence
"	roundish bar	6#	"	500	Northern	Pre-arranged per a month would be use
"	"	9#	"	200	"	"
"	"	19#	"	450	North & Southern Shop	"
"	"	21#	"	100	Northern Shop	"
"	"	50#	"	1,000	Southern Shop	"
"	"	65#	"	2,000	"	"

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

"	"roundish steel scrap		5,000	Southern	"	"
"	" Scrap	"	4,000	Northern	"	"
Mild steel flat bar	6"x32"	"	100	"		"
"	9x32	"	400	Southern	"	"
Mild steel flat bar	19x75	"	200	"		"
"	" 22x100	"	100	"		"
Mild steel	100x400	"	12000	"		Material for good of Transportation department dependence Pre-arranged per a month would be use
"	round bar 6 ϕ	"	500	Northern	"	
"	" 9 ϕ	"	200	"		"
"	" 19 ϕ	"	450	North & Southern Shop		"
"	" 21 ϕ	"	100	Northern Shop		"
"	" 50 ϕ	"	1,000	Southern Shop		"
"	" 65 ϕ	"	2,000	"		"
"	" 75 ϕ	"	3,500	"		"
"	" 90 ϕ	"	200	"		"
Mild steel sqare bar	25 D	"	50	Northern Shop		"
"	" 65 D	"	1,500	Southern Shop		"

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Item Description		Unit	Quantity	Total Estimated weight	Number of carloads	Condition	Remarks
Mild steel square bar	75□	Kg	1.500	Southern shop			Pre-arranged per a month would be use
Mild steel hexagon steel	29□	"	150	"	"		" "
Mild steel angle	5×30×30×8m/m 000	"	174	Northern "			" "
" "	9×75×75×12m/m 000	"	2.500	" "			" "
Mild steel sheet	2×4'-0×8'-0	sheet	5	Southern "			" "
" "	3×4'-0×8'-0		2	" "			" "
" "	4×4'-0"×8'-0	"	7	" "			" "
" "	4×5'-0"×10'-0"	"	6	" "			" "
" "	6×5'-0"×10'-0"	"	6	" "			" "
" "	2×3'-0"×6'-0	"	78	Warehouse			" "
Mild steel scrap	square	Kg	3.000	Southern shop			Owner; Kawamura bicycle Co possible to use
Steel scrap		"	10.000	" "			Be able to use
" "		"	1.500	Northern "			" " "
" " (Channal style, steel)			1.000	" "			" " "
Steel wire	φ 18# wire	"	8	warehouse			good "

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Mild steel scrap	square	Kg	3,000	Southern shop		Owner; Kawamura bicycle Co possible to use
Steel scrap		"	10,000	" "		Be able to use
" "		"	1,500	Northern "		" " "
" " (Channal style, steel)			1,000	" "		" " "
Steel wire	ϕ 18# Wire	"	3	Warehouse		good "
(Tool)						Pre-arranged per a month
Saw edge to cutting iron	10 x 1/2 x 23	Dozs	100 Dozs			Would be used 160 Dozs
" "	16"	Dozs	2			" "
" "	14"	"	16			" — 10 "
Grinder grindstone	7 x 3/4 x 3/4	sheet	267			" 20 "
" "	80 x 25 x 13	"	20			" 200 sheet
" "	180 x 25 x 18	"	20			" "
						" 40 "
Spanner	5/8 x 1/4	ea	128			" "
"	1/2 x 1	"	75			" 50 piece
						" "
Monkey wrench		"	4			" 70 "
Pincers		"	103			" "
Driver		"	27			" 20 "
						" "
E style Deflectionable (brown)	3/4	"	33			" 35
						(It used while a month, to

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Monkey wrench	"	4	"	"	20 "	
Pincers	"	108	"	"	50 "	
Driver	"	37	"	"	20 "	
E style Deflectionable	3/4	"	33	"	35	
Grindstone (brown) (squas style)	Dia Center thick 500 x 38 x 65		6		At used while a month, to finishing of member for motor car	
" (")	" " " 450 x 50 x 60	"	1	"	"	
" (red)	" " " 365 x 31 x 50	"	48	"	"	
" (brown)	" 7 x 3/4 x 1 1/4	"	8	"	"	
"	" 10 x 1/4 x 9/16	"	87	"	"	
"	" 10 x 1/4 x 15/16	"	4	"	"	
"	" 11 3/4 x 1 x 1 3/16	"	21			
"	" 12 x 1 x 1 1/2	"	7			
"	" 8 x 1 1/2 x 9/16	"	2	"	"	
"	" 8 x 3/4 x 1	"	4	"	"	
"	" 9 x 1 x 1	"	7	"	"	
"	" 5 x 1/2 x 3/8	"	8	"	"	
"	" 175 x 18 x 20	"	9	"	"	
"	" 175 x 18 x 20	"		"	"	

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"	"	8 x 1 1/2 x 1/16	"	2			
"	"	8 x 3/4 x 1	"	4			
"	"	9 x 1 x 1	"	7			
"	"	5 x 1/2 x 2 1/2	"	8			
"	"	175 x 18 x 20	"	9			
"	"	175 x 18 x 20	"				
		150 x 12 x 8	"	12			
		130 x 13 x 20	"	7			
"	" (blue)	12 x 5 x 1/4	"	19			
"	" (white)	152 x 37 x 9	"	2			
"	" (red)	244 x 76 x 37	"	1			
	(")	255 x 76 x 11	"	1			
"	" (")	285 x 25 x 88	"	2			
"	" (")	250 x 88 x 11	"	4			
"	" (")	150 x 12 x 15	"	1			
"	" (")	125 x 12 x 15	"	31			
"	" (")	90 x 20 x 13	"	84			
"	" (")	90 x 13 x 16	"	69			

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〃	〃 (〃) 150 x 12 x 15	〃	1	〃
〃	〃 (〃) 125 x 12 x 15	〃	31	〃
〃	〃 (〃) 70 x 20 x 13	〃	84	〃
〃	〃 (〃) 90 x 12 x 16	〃	69	〃
〃	〃 (〃) 85 x 13 x 15	〃	51	〃
Belt sacing 〃	Content 24 Packy	〃		(Its needful content is 5 packes for a month)
Round plane		pack	8	〃 〃 10 〃
Nuematick hammer		piece	96	〃 〃 10 piece
Flexible tube (outside tube)		〃	54	〃 〃 10 〃
Lower) to cutting iron)		〃	18	〃 〃 20 〃
Hydraulic pressure tools)		〃	106	〃 〃 10 〃
Hammer)		〃	2	〃 〃 30 〃
V style belt	24'	〃	8	〃 〃
	36'	〃	5	Pre-arranged for a month would be used
Chisel (to pruning)	25 mm	〃	24	〃 〃
〃 (〃)	9 mm	〃	20	〃 〃
〃 (〃)	17 mm	〃	24	〃 〃

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V-style belt	26'	"	5				
" "	36'	"	5				Pre-arranged for a month would be used
Chisel (to pressing)	25mm	"	24				" "
" (")	9mm	"	30				" "
" (")	19"		28				" "
Welding gage			3				" "
Round chisel	32mm	piece	110				" "
" "	35"		77				" "
" "	19"		45				" "
Saw (Double edge)	9"		45				" "
Hand saw	450mm		4				" "
Round plane	16mm		8				" "
" "	35"		20				" "
Square plane	40"		8				" "
Tongs			3				Pre-arranged per a month would be use 3 piece
Welding blower	#100 75		420				" 30 "
Silk belt		sheet	32				" 32 "
V-style belt	70mm		11				" 20

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" (")	9mm	"	30			"	"
" (")	19"		28			"	"
Welding gage			3			"	"
Round chisel	32mm	piece	110			"	"
" "	35"		77			"	"
" "	19"		45			"	"
Saw (Double edge)	9"		45			"	"
Hand saw	450mm		4			"	"
Round plane	16mm		8			"	"
" "	35"		20			"	"
Square plane	40"		8			"	"
Tongs			3			Pre-arranged per a month would be use 3 piece	
Welding blower	#100 75		420			"	30 "
Silk belt		sheet	321			"	32 "
V style belt	70mm		11			"	20 "
" "	50"		4			"	10 "
Belt racing	content 24	pack	37			"	10 pack.s

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No 4

Item Description	Unit	Quantity	Total estimated weight	number of carloads	Condition	Remarks
(Light metal; metalloid) Aluminium semi-finished articles	ton	55 ton	55.000 kg			to prearange 20 ton for a month
Electrolytic magnesium 1 each 2 kg	ea	600	1.200			" 600 kg "
Refined iron	kg	3.000	3.000			" 3000 kg "
(Timber for use moulds) Akita cryptomeria board 32mm x 250mm x 4m	sheet	386	580			to completely prearange for two months (action for wooden making mould)
Cryptomeria pillar 175mm x 175mm x 4m	piece	6	40			to completely prearange for ~~two~~ a month
Pine pillar " "	"	3	20			" "
North American teak 75mm x 200mm x 2m	"	346	520			" "
Mahogamy 65mm x 320mm x 150mm	"	40	120			" "
Hinoki wood 100mm x 150mm x 2m	"	45	100			" "
Akita Cryptomeria 32mm x 175mm x 2m	"	241	150			" "
(Scraps) Scraps of old iron	kg	350.000	350.000			to join tighter the iron rivet of many different species timber mould. it's difficult to use
Garter scrap for Construction	"	20.000	20.000			
(Fuel) Cokes	"	3.000	3.000			to prearange 40 ton for a month
Dust coal	"	30.000	30.000			" 70 ton "

Refined iron		Kg	3.000	3,000			〃 3000 Kg 〃
(Timber for use moulds)							
Akita cryptomeria board	32mm×250mm×4m	Sheet	386	580			to completely prearange for two months (action for wooden making mould)
Cryptomeria pillar	175mm×175mm×4m	Piece	6	40			to completely prearange for two month
Pine pillar	〃 〃	〃	3	20			〃 〃
North American teak	75mm×200mm×2m	〃	346	520			〃 〃
Mahogamy	65mm×320mm×150mm	〃	40	120			〃 〃
Hinoki wood	100mm×150mm×2m	〃	45	100			〃 〃
Akita Cryptomeria	32mm×175mm×2m	〃	241	150			〃 〃
(Scraps)							
Scraps of old iron		kg	350.000	350.000			to join tighter the iron rivet of different species timber mould. its difficult to use
Garter scrap for Construction		〃	20.000	20.000			
(Fuel)							
Cokes		〃	3.000	3.000			to prearange 40 ton for a month
Dust coal		〃	30.000	30.000			〃 70 ton 〃
Charcoal	1.5 kg	bale	130	195			〃 150 Bale 〃
Ube coalite (Small mass)		kg	30.000	30.000			〃 50 ton 〃
Carbide		D/m	10	2.500			〃 10 D/m 〃
Fire-wood		kg	4.000	4.000			〃 5 ton 〃

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No 5

Item Description		Unit	Quantity	Total Estimated weight	Number of Carloads	Condition	Remarks
(Material)							Pre-arranged 35 each.
Valves	1" 25mm	ea.	35				(Shop accounts, Keeping of board-door of construction
"	1½" 40"	"	22				" 40 "
"	2" 50"	"	11				" 15 "
Stop valves	2½" (screw)	"	20				" 25 "
" " (with flange)	3" 75mm	"	7				" 10 "
Valves	4" 102"	"	5				" 30 "
Boring knives		"	50				" 50 "
Valves	3"	"	5				" 5 "
Stop valves	¾"	"	33				" 33 "
" " (with flange)	4"	"	8				" 8 "
Cocks	1"	"	38				" 38 "
Double cock	1"	"	10				" 10 "
Iron pipes	¾"	m	175	Northern shop			" 200 m
" "	½"	"	210	" "			" 200 m
							" 100 m

Cocks							"	10 "
Double cock	1"	"	10				"	"
Iron pipes	3/4"	m	175	Northern shop			"	200 m
" "	1 1/2"	"	210	"	"		"	200 m
" "	1"	"	45	Northern shop			"	100 m
" "	1 1/4"	"	340	"	"		"	350 m
								300 m
" "	1 1/2"	"	295	"	"		"	"
" "	2"	"	1100	"	"		"	500 m
" " (with screw)	2"	"	75	"	"		"	100 m
" "	2"	"	20	"	"			Flawly goods
" "	2 1/2"	"	405	"	"			Pre-arranged, tkes for a month would be use 200 m
" "	3"	"	90	"	"		"	100 m
" "	4"	"	40	"	"			member of them 25 m (flawly goods)
" "	6"	"	55	Northern shop			"	100 m (fine)
" "	10"	"	135	"	"		"	100 m
							"	"
Bronze stop valves (with flange)	1 1/2"	ea.	12	Northern shop			"	200
" "	3"	"	8	"	"		"	"
" "	4"	"	8	"	"		"	20 ea.
							"	"
							"	8 ea.
							"	"
							"	30 ea.
							"	"
							"	10 ea.

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" " "	10"	"	134	"	"			" "
Bronze stop valves (with flange)	1½"	ea.	12	Southern shops			"	20 ea.
" " "	3"	"	8	" "			"	8 ea.
" " "	4"	"	8	" "			"	30 ea.
" " "	3"	"	4	" "			"	10 ea.
" " "	3/4"	"	100	" "			"	100 ea.
Bronze cocks	1"	"	38	" "			"	100 ea.
Double cocks	1"	"	10	" "			"	30 ea.
Bronze stop valves	3"	"	3	Northern shops			"	10 ea.
Stop valves	5"	"	3	" "			"	5 ea.
" "	8"	"	3	" "			"	5 ea.
" "	4"	"	2	" "			"	5 ea.
Bronze stop valves	2"	"	10	" "			"	20 ea.
" "	1½"	"	50	" "			"	50 ea.
Stop valves (with flange)	3"	"	12	" "			Flawly goods impossible to use	
" "	2"	"	30	" "			"	"
" "	2½"	"	12	" "			"	"

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"	" 1 1/2"	"	50	"	"		" "
Stop valves (with flange)	3"	"	12	"	"		Flawly goods impossible to use
"	" 2"	"	30	"	"		" "
"	" 2 1/2"	"	12	"	"		" "
"	" 4"	"	7	"	"		" "
"	" 2"	"	85	"	"		" "
"	" 6"	"	4	"	"		" "
T. shapes coupling	2"	"	20	"	"		Pre-arranged, would be use as to repair and reserve of shops
"	" 1/2	"	150	"	"		" "
"	" 1 1/2"	"	200	"	"		" "
"	" 1 1/2"	"	100	"	"		" "
Union coupling	1/2"	"	80	"	"		" "
Radiator nipples	1 1/2"	"	200	"	"		" "
Push coupling	1 1/2" x 1/2"	"	700	"	"		" "
"	" 1 1/2" x 3/4"	"	300	"	"		" "
Stop valves	3"	"	3	"	"		" "
"	" 5"	"	3	"	"		" "
"	" 8"	"	3	"	"		" "

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Union coupling	1/2"	"	80	"	"			"	"
Radiator nipples	1 1/2"	"	200	"	"			"	"
Push coupling	1 1/2" x 1/2"	"	700	"	"			"	"
" "	1 1/2" x 3/4"	"	300	"	"			"	"
Stop valves	3"	"	3	"	"			"	"
" "	5"	"	3	"	"			"	"
" "	6"	"	3	"	"			"	"
" "	4"	"	2	"	"			"	"
Check valves	2"	"	3	"	"			"	"
L. shape coupling	1/2"	"	700	"	"			"	"
" "	3/4"	"	200	"	"			"	"
" "	1"	"	300	"	"			"	"
" "	1 1/4"	"	200	"	"			"	"
" "	1 1/2"	"	400	"	"			"	"
" "	2 1/2"	"	5	"	"			"	"
" "	3"	"	15	"	"			"	"
Union coupling	1"	"	20	"	"			"	"

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Item	Description	Unit	Quantity	Total estimated weight	number of carloads	Condition	Remarks
(Electric fixtures)							
Carbon brushes	40×145×145 mm	piece	2	Storage		good	Pre-arranged for a month would be use as suplement
Transformers	maker "Marui Seisakusho" Primary 100V. Secondary 50–100V: 2K.V.A (single & double Compromised)	table	2	〃		〃	Pre-arranged would be use electric hearth in experiment
〃	〃 maker "Marui Seisakusho" 1 K.V.A	〃	2	〃		〃	〃 〃
〃	maker Marui "Seisakusho" Secondary 1~100V 4 K.V.A	〃	1	〃		〃	〃 〃
Electric furnaces	100V 7.5A maximum 1000°	〃	3	〃		〃	Pre-arranged would be use sooner or later (for study)
Ouxiliary generater for the furnace		piece	2	〃		〃	〃 (〃)
Switchss	"moon shape" 3p 250V 100A	〃	40	〃		good 38 poor 2	Pre-arranged would be use 7 pieces for a month
〃	〃 50A	〃	2	〃		Good	〃 10 〃
〃	〃 30A	〃	12	〃		〃	〃 15 〃
Parking switchss	in bakelite 250V 10A	〃	47	〃		〃	〃 50 〃
Switches	"box type" 2p 250V 20A	〃	8	〃		〃	〃 10 〃
〃	〃 10A	〃	737	〃		〃	〃 200 〃
Receptacles	in bakelite 250V 6A	〃	44	〃		〃	〃 30 〃
Rosets	〃 〃 5A in Chinaware	〃	17	〃		〃	〃 25 〃

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Switches	box type 250V 20A 2P	"	8	"		"	"	10	"
"	" 10A	"	737	"		"	"	200	"
Receptacles	in bakelite 250V 6A	"	41	"		"	"	30	"
Rosets	" " " 5A	"	17	"		"	"	25	"
Round shape expose Consetts	in chinaware 3 poles 250V 10A	"	15	"		"	"	30	"
" " 2 "	" " "	"	9	"		"	"	10	"
" " 3 "	" " 30A	"	130	"		"	"	130	"
Caps for Consetts	in bakelite 3 poles 250V 30A	"	90	"		"	"	90	"
Round shape exposed Consetts	in chinaware 250V 10A 4 poles	"	60	"		"	"	70	"
Caps for Consetts	in bakelite 4 poles " "	"	60	"		"	"	60	"
"	3 poles " "	"	77	"		"	"	70	"
Copper boards	thickness 4mm 0.92m x 1.15m	sheet	16	"		"	(would be used for motor car & other vechicles) "	20	"
Chrom-iron line resistance	direct line 1.6mm φ	Kg	5.5	"		"	(would be used for melting of casting) "	10 Kg	"
Nickel-Chrom wire	" 0.8mm φ	"	4	"		"	"	2Kg	"
Lock-nuts	3/4"	piece	70	"		"	Pre-arranged per a month would be use 70 pieces.		
"	1"	"	47	"		"	"	50	"
"	2"	"	50	"		"	"	60	"
"	5/8"	"	45	"		"	"	30	"

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Lock-nuts	3/4"	piece	70	"		"	would be use 70 pieces.		
"	1"	"	47	"		"	"	50	"
"	2"	"	50	"		"	"	60	"
"	5/8"	"	45	"		"	"	30	"
Bushinge	1 1/4"	"	50	"		"	"	60	"
"	2"	"	50	"		"	"	60	"
Arumeru chrome wire	direct line 1mm φ	m	80	"		"	(would be used for temperature checking) "	80	"
Empire silk tube	" 2mm φ	"	20	"		"	Pre arranged per a month would be use 20m.		
Silk tape	width 2cm	roll	89	"		"	"	100 rolles	"
Gum tape	width 2 cm length 6 m	"	57	"		"	"	70"	"
Iron chrome resistance wire	0.5mm φ	Kg	24.4	"		"	"	30Kg	"
" maker Okagaki sangyo Co. LTD	1.2mm φ	"	9	"		"	"	9"	"
Electric magnet transwitting appliances in iron case in push-botton	3 poles 220V 30A	piece	17	"		good 16 poor 1	"	3 piece	"
Oil switch in iron case used on the pole, no oil; possible to use to put in oil maker Uratani denki Co. LTD	3 poles 3500V ~~1000S~~ 200A	"	7	"		good	"	7"	"
Indoor terminal boxes high-tension wires	3 piece 3500V; 1000S	"	12	"		"	"	15"	"
Interior joint boxes for high; cylinder tension wires	length 57cm direct line 6cm	"	5	"		"	"	5	"
Four-wouth round joint boxes	1.5 inch	"	18	"		"	"	2	"
Double-wouth round joint boxes	2" 1/4	"	5	"		"	"	3	"

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on the pole no oil; possible to use to put in oil maker Uratani denki Co LTD 3500V ~~1000S~~ 200A	"	7	"		[illegible]	"	1	
Indoor terminal boxes 3 piece high-tension wires 3500V; 1000S	"	12	"		"	"	15	"
Interior joint boxes for high; cylinder tension wires length 57 direct line 6cm	"	5	"		"	"	5	"
Four-wouth round joint boxes 1.5 inch	"	18	"		"	"	2	"
Double wouth round joint boxes 2" 1/4	"	5	"		"	"	3	"
Four-wouth round joint boxes 1" 1/4	"	20	"		"	"	20	"
~~Four~~ Double-wouth round joint boxes 1" 1/8	"	30	"		"	"	30	"
" 3/4"	"	84	"		"	"	92	"
Cubic joint boxes 4 1/2"	"	30	"		poor	no lid Par-arranged per a month would be use 40 ~~sheet~~ pieces		
" 3 3/4"	"	50	"		"	" "	50	"
One-wouth round outlet boxes 7/8"	"	47	"		Good	"	47	"
Three-wouth round outlet boxes 5/8"	"	7	"		"	Par-arranged per a month would be use 7 pieces.		
Mogarn sockets wit large metal cap direct line 250V 4cm 15A	"	15	"		"	"	15	"
" direct line 4cm 250V 10A	"	5	"		"	"	5	"
Terminals (in copper) 6mm	"	19,000	"		"	"	400	"
" (") 9mm	"	9000	"		"	"	500	"
" (") 19mm	"	700	"		"	"	250	"
" (") 25mm	"	1000	"		"	"	250	"

〃	250V 10A								
Terminals (in copper)	6mm	〃	19.000	〃		〃	〃	400	〃
〃 (〃)	9mm	〃	9000	〃		〃	〃	500	〃
〃 (〃)	19mm	〃	700	〃		〃	〃	250	〃
〃 (〃)	25mm	〃	1000	〃		〃	〃	250	〃
〃 (〃)	30mm	〃	200	〃		〃	〃	200	〃
Deep bowl shaped cord in Aluminum bronze	20cm	sheet	108	〃		〃	〃	150 sheet	〃
〃 〃	15cm	〃	200	〃		〃	〃	150 〃	〃
Wooden holders for workers lamp (band-lamp)		piece	16	〃		〃	〃	15 pieces	〃
Lighting appliances (directly attached style)	direct line 10cm height 15cm	〃	4	〃		〃	〃	4	〃
Lino tape	thickness 0.13mm width 13mm length 45m	roll	30	〃		〃	〃	15 roll	〃
Electric soldering-iron (larger)	100V 300W	piece	13	〃		poor	no suitable for use		
〃 (smaller)	100V 60W	〃	25	〃		〃	no copper stick	〃	〃
String-fuse	one roll 50A 4m	roll	17	〃		Good	par-arranged per a month would be use 17 roll.		
〃	〃 roll — 30A 6m	〃	9	〃		〃	〃	9 roll	〃
〃	〃 roll — 15A 12m	〃	9	〃		〃	〃	9 〃	〃
〃	〃 〃 — 5A 30m	〃	4	〃		〃	〃	4 〃	〃
maker Hokushin denki Co, LTD	A.C. 200V 60cycle					good / poor /	to par-arrange to use for preparations		
Pyrometers (in hand style)	0°~1600°C	piece	2	〃					
Pyrometers	maker Sanko seisakusho Co, LTD								

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" (smaller)	100V 60W	"	25	"		"	no copper stick
String-fuse one roll	50A 4m	roll	17	"		Good	par-arranged per a month would be use 17 roll.
" " roll	30A 6m	"	9	"		"	" 9 roll "
" " roll	15A 12m	"	9	"		"	" 9 " "
" " "	5A 30m	"	4	"		"	" 4 " "
maker Hokushin denki Co, LTD Pyrometers (in hand style)	A.C. 200V 60cycle 0°~1600°C	piece	2	"		good 1 poor 1	to par-arrange to use for preparations
Pyrometers maker Senno netsuden Co, LTD (Automatic recording style)	" " " 0°~1200°C	"	1	"		poor	" "
Tube lamps	95V 60W	"	2	"		good	" "
Elemi generating bodies for electric furnace	maximum temperature 1450°C 90V 12A	"	700	"		Good 500 poor 200	(for use casting furnace) " "
Sankiri induction motor maker Shimura Co. LTD	220V-200V 50~60cycle 1/2 horse-power	number	10	"		Good	to par arrange to manufacture and sell 25 (Boring machine) after one month about that time.
" " maker Matsushita denki Co. LTD	200V-220V 50~60cycle 1/4 "	"	7	"		"	" 20 (valve refresher) "
" " maker Osaka dento Co. LTD	440V 60cycle 3 horse-power	"	1	"		"	
"	200V-220V 50-60cycle 1/2 " "	"	3	"		1 (in Storage) 2 (in South w)	poor	to par-arrange to use for preparations (Goods of damage in fire)
"	" 1 " "	"	16			5 (in Storage) 11 (in South w)	poor	" "
"	" 2 " "	"	7			5 (in Storage) 2 (South)	"	" "
" RC. NO13-22-390	" 3 " "	"	5			2 (in Storage) 3 (South-w...)	"	" " registration goods in reparation
RC. NO13-22-379, 448, 456, 455, 451, 384, 415 maker Shimura, Hidaki, Mitsubishi, Meidenka	5 " "	"	8			South work-shop	"	" " "

Item Description	Unit	Quantity	Total estimated weight	number of carloads	Condition	Remarks
maker meidensha (Good) Hitachi mitsubishi Sawamura 7½ horse-power Sankiri induction motor R.C No 13-22-394, 410, 375, 399, 458, 377, 378, 386, 372, 373, 459, 414, 409, 462, 440, 376	number	18	Storage	South work-shop	Good 1 poor 17	to per-arrenge to use for preparations (goods of damage in registration goods in reparation
" R.C. No 13-22-459 10 horse-power	"	4	"	"	poor	" "
" R.C No 13-22-407, 389 maker meidensha, Mitsubishi 15 " "	"	4	"	"	poor	" "
" maker Hitachi; Mitsubishi 20 " " R.C. No 13-22-452, 453, 405, 397, 404	"	6		"	poor	" "
maker meidensha 30 " " R.C. No 13-22-450, 454	"	2		"	poor	" "
Wear-ginc wire in telephone 0.9 mm 50 couple	m	200		North work-shop	Good	to per-arrenge to use to attachments need of telephone in work-shop.
Double coil transformer. 60 cycle primary electric pressure 220V Secondary 24 V 35KVA (Simple surface) maker Shimagu	number	1			damage in fire poor	
"Insulators "Nop" (for electric.) direct line 2.5 cm length 5 cm	piece	400			poor	par-arrenge to use for preparation (nothing without stay)
Small-double-Insulators (without strap-bolt)	"	18			good	"
Big-double-Insulators (")	"	4			"	"
Biger-double-Insulators (")	"	15			"	"
Transformer maker Huzita kogyo CO. LTD primary e.p. 4400—220V (3 surface) Secondary e.p. 100V 25KVA	number	1		South work-shop	poor	registration-goods in reparation (goods of damage in fire)
Transformers (simple surface) 75KVA P.e.P 1150, 3300, 3450 R.C. No 13-22-436, 437, 438 S.e.P 90, 120, 140, 180 maker kagita denki Co. LTD	"	3			"	" (")
Transformer 50~60 cycle in counts Maker Tadimoto denki CO. LTD proportion of transform 3/100	"	2			Good	"
Closed switch board 3300V marble plane in higher-pressure 200A maker Kawasaki dock-yard CO. LTD		1			poor	It's made an entry in reparation

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Big-double-Insulators (〃)	〃	4			〃	〃	
Biger-double-Insulators (〃)	〃	15			〃	〃	
Transformer maker Fuzuta Kogyo Co. LTD primary e.p. 4400~220V (3 surface) secondary e.p. 100V 25KVA	number	1		South work-shop	poor	registration-goods in reparation (goods of damage in fire)	
Transformers (simple surface) 75KVA P.e.P 1150, 3300, 3450 R.C. No 13-22-436, 437, 438 S.e.P 90 (20, 144, 180) maker Kajita denki Co. LTD	〃	3			〃	〃 (〃)	
Transformer 50~60 cycle in counts maker Tanimoto denki Co. LTD proportion of transform 33/110	〃	2			Good	〃	
Closed switch board 3300V 200A marble in higher-pressure maker Kawasaki dock-yard Co. LTD	plane	1			poor	It's made an entry in reparation	
Switch board (marble) thickness 4cm 50cm × 120cm	plane	1			〃	〃	
Doram-Insulators	piece	20			good	to par-arrenge to use for preparation	
Switch-board (marble) thickness 4cm 60cm × 120cm	plane	1			poor	registration goods in reparation	
〃 〃 60cm × 70cm	〃	2			〃	〃	
〃 〃 50cm × 70cm	〃	2			〃	〃	
Oil; switch (three surface) maker Iwamura denki Co. LTD	number	2		South Work-Shop	Good 1 poor 1		
Star-deruter switch (starter) 250V maker Shibaura, Hitachi 15-horse-power	〃	3		〃	poor	par-arrenge to use for preparations	
〃 〃 250V 50A maker 〃 13.H-P	〃	2		〃	poor	〃	
〃 〃 600V 85A maker Hitachi Co. LTD 2KW.	〃	1		〃	〃	〃	
Moving resistance ~~switch~~ 205V 260V maker Hitachi Co. LTD 15h.p~100h.p	〃	1		〃	Good	〃	

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Item Description	Unit	Quantity	Total estimated weight	number of Carloads	Condition	Remarks
(Paint of pertaining to oil)			kg			
Diesal engine oil 18l Container	Can	13	520			to prearange 20 cans for a month
190 Cup grease 16kg "	"	84	1,350			" 82 Cans (allotment goods to keep of Repairtions machine)
110 Grease 25kg "	"	24	600			(" " ")
Ko No.2 Insulating oil 18l "	"	13	700			" " 13 Can "
Ko No.3 Solution oil 18l "	"	15	250			" " 10" "
Light oil " "	"	10	100			" " 3" "
No.3 Soluble cutting oil 180l "	D/M	5	1,050			" " 12" "
No.1 Refrigerated machine oil 18l "	Can	1	15			" " 5D/M "
No.3 Car oil " "	"	1	20			" " 3" "
No.1 Cylinder oil " "	"	10	180			" " 3" "
Kerosene " "	"	9	150			" " 10" "
No.2 Dynamo oil " "	"	3	60			" " 20" "
Work oil 180l "	D/M	14	4,200			" " 20" "
White lead paint 12.5kg "	Can	6	75			" " 10D/M "
Painting paint (oil) 25 " "	"	14	420			" " 30 Can "

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Cylinder oil	" "	"	10	[illegible]			" 10"	"
Kerosene	" "	"	9	150			" 20"	"
Nos Dynamo oil	" "	"	3	60			" 20"	"
Work oil	180l "	D/M	14	4.200			" 10 D/M	" "
White lead paint	12.5 kg "	cam	6	75			" 30 cam	"
Mixing paint (yellow)	25 " "	"	14	420			" 10"	"
"	" (red) " " "	"	3	90			" 5"	"
"	" (brown) " " "	"	3	90			" 5"	"
"	" (grey) " " "	"	18	540			" 15"	"
"	" (indigo) " " "	"	9	270			" 5"	"
"	" (blue) " " "	"	6	180			" 5"	"
"	" (green) " " "	"	16	480			" 20"	"
Rusting paint	" " "	"	2	60			" 3"	"
Lacquer	(green) " " "	"	19	570			" 10"	"
"	(red) " " "	"	55	1650			" 30"	"
Phenol Rengo enamel	(green) " "	"	2	60			" 5"	"
Enamel	(red) 25 kg "	"	10	300			" 10"	"
Finishing varnish	" " "	"	3	90			" 5"	"

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Lacquer (green)	" "	"	19	570			" 10" "	
" (red)	" "	"	55	1650			" 30" "	
Phenol				60			" 5" "	
Rengi enamel (green)	" "	"	2					
Enamel (red)	25kg "	"	10	300			" 10" "	
Finishing varnish	" " "	"	3	90			" 5" "	
Kobarv varnish	16 " "	"	3	60			" 5" "	
Tartorv oil	180l "	D/M	7	2.800			(allotment goods to keep of Rapertionsmachine) " 6 D/M "	
Mobile oil	18l "	Can	27	540			" 25 Can " (allotment goods to keep of Rapertions machine)	
Quenching oil	180l "	D/M	4	2.000			" 3 D/M "	
Spindle oil	18l "	Can	9	180			" 10 can "	
Mould oil	" " "	"	4	80			" 7 D/M "	
Coal-tar	180kg "	barrel	1	180			" 3 barrel "	
Liquid dryer (yellow)	18l "	Can	1	20			" 1 can "	
Alcohole	180l "	D/M	10 gallon	80			" 1 D/M "	
Hemp seed oil	" " "	"	5"	60			" 5 can "	
No.2 Mobile heavy oil	" " "	"	50l	140			" 50l "	
Greese		D/M	50kg	60			" 200kg "	
Oil	18l "	can	5	150				

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Phenol Renge enamel (green)	" "	"	2	60			" 5"	"
Enamel	(red) 25kg "	"	10	300			" 10"	"
Finishing varnish	" " "	"	3	90			" 5"	"
Hobarr varnish	16 " "	"	3	60			" 5"	"
Tarbarr oil	180l "	D/M	7	2.800			(allotment goods to keep of Rapertion machine) " 6 D/M	"
Mobile oil	18l "	Can	27	540			" 25 can	"
Puenching oil	180l "	D/M	4	2.000			(allotment goods to keep of Rapertion machine) " 3 D/M	"
Spindle oil	18l "	Can	9	180			" 10 can	"
Mould oil	" " "	"	4	80			" 7 D/M	"
Coal-tar	180kg "	barrel	1	180			" 3 barrel	"
Liquid dryer (yellow)	18l "	Can	1	20			" 1 can	"
Alcohole	180l "	D/M	10 gallon	80			" 1 D/M	"
Hemp seed oil	" " "	"	5"	60			" 5 can	"
No.2 Mobile heavy oil	" " "	"	50l	140			" 50l	"
Greese		D/M	50kg	50			" 200kg	"
Oil wax	18l "	can	5	150			" 10 can	"

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Item Description	Unit	Quantity	Total Estimated Weight	Number of Carloads	Remarks
Pipe Steel:	Metre		Ton		Using for compressor and water supply 50% of them are usable.
Inside dia. 8"	"	50	1.770		
" " 6"	"	340	8.030		"
" " 5"	"	30	0.567		"
" " 4"	"	160	2.267		"
Pipe Cast Iron:					
" 3"	"	470	4.120		"
" 2½"	"	100	0.708		"
" 2"	"	140	0.743		"
" 1½"	"	335	1.620		"
" 1"	"	200	0.567		"
" 3/4"	"	250	0.472		"
" ½"	"	120	0.184		"
Bushing: 8"	Piece	2	1.200		"
" 6"	"	12	4.750		"
" ¼"	"	30	5.239		"
" 3"	"	40	3.740		"
" 2½"	"	25	1.750		"
" 2"	"	20	0.912		"
" 1½"	"	50	1.200		"
" 1"	"	20	0.230		"
" 3/4"	"	35	0.241		"
" ½"	"	20	0.090		"
Elbow: 6"	"	5	0.047		"
" 5"	"	4	0.024	Number of Carloads 2	"
" 3"	"	9	0.018		"
" 3X1½"	"	3	0.005		"
" 2"	"	12	0.006		"
" 2X½"	"	37	0.027		"
" 6"	"	2	0.018		"
" 5"	"	5	0.031		"
2 " 4"	"	5	0.019		"
Union: 4"	"	3	0.013		"
" 2"	"	6	0.006		"
" 1½"	"	30	0.022		"
Cross : 5"	"	3	0.031		"
Faucet: ½"	"	47	0.033		"
" 1"	"	6	0.008		"
Stop Valve(brass) 4"	"	2	0.029		"
" 3"	"	5	0.032		"
" 2½"	"	1	0.004		"
" 2"	"	3	0.007		"
" 1½"	"	30	0.053		"
" 1"	"	15	0.015		"
" ½"	"	30	0.050		"
Bend (with plange) 6"	"	3	0.218		Using for filter.
Pipe Steel: (1. 0.60m) " 6"	"	3	0.096		"
Pipe Cast Iron: " 3"	Metre	50	0.472		Burned very badly.
" " 2½"	"	70	0.496		Used as sashi operator
" " 1½"	"	2000	3.510		Not standardcan't used

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Flange	8"	Set	3	0.757		{ Using, but very old so not
"	6"	"	15	2.188		{ able to remove.
"	3"	"	30	15.920		" "
Gate valve	6"	Pc.	6	0.336		Can be used if repaired.
" "	5"	"	2	0.086		" "
" "	4"	"	2	0.030		" "
Water supply Pump	1 HP	Base	2	0.150		Using filling the water in cesspool.
Wire	325 sqr mm	Mtr.	180	0.547		Using for Electric furnace
"	80 "	"	150	0.107		
"	14 "	"	60	0.077		for 40 HP blower but very badly so cannot to re-use.
"	5.5 "	"	30	0.038		for 1 HP blower " " "
Barewire	5 m/m (dia)	"	675	0.118		under using.
Motor	3 HP	Base	2	0.120		Using for Machinery.
"	2 HP	"	3	0.150	3	" " "
"	1 HP	"	3	0.120		" " "
Insulator		Pc.	20	0.080		Using for wire of high voltage.
" for big knop		"	20	0.080		" " " " "
Ele. Furnace	200KVA	"	6	18.000		Under using
" "	"	"	1	3.000		" "
26 " "	100	"	2	5.000		" "
No.26 Corr. Sheet Iron		Sht	100	0.630		Very Badly
Wire	200 mm²	Mtr	2600	4.631		Using as main wire high voltage
"	100 mm²	"	120	1.110		" "
"	60 mm²	"	840	0.480		using for machinery
"	14 mm²	"	440	0.056		"2 "
"	8 mm²	"	300	0.022		" "
"	5½ mm²	"	620	0.031		" "
"	2 mm dia.	"	1300	0.036		using for electric fixture
"	1.6mm "	"	1200	0.022		" "
Bracket		Pc.	85	0.340		using for electric light in factory with 100W 300W bulbs.
Light(W/shade)		"	145	1.160		" "
Switch	3P-200A	"	4			Main switch for light & elec.
"	3P-100A	"	1		1	power to operate machinery.
"	3P- 50A	"	3			" "
"	3P- 30A	"	26			Ele. connected switch of Machry
"	2P-20A	"	46	0.200		Main switch for the ele.light
"	100A	"	6			Reserved as substitution.
Bushing for Trans. (for very high voltage)		"	3			"
"	" "	"	11			"
Blower	15 HP	"	1	0.060		under using
Insulator for high voltage			450 70	0.960		" "
" for big nop			30 450			" "
Mono-rail	150x150x300	Mtr	136			using to control heat
" "	"	"	85	16.550	2	" fuse the metal
" "	"	"	70			Using in warehouse
Pipe Steel for down spouts			342	12.096	1	unable to remove
" "	5"		330			"
Steel construction		Ton	1233	~~1233~~ 1,233.000	124	" 0.104 tons per sqr mtr 55% plate 45% cast steel

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Tran former 11,000-3,300 V 3000KVA 3 phase No. of reparation 13-22-294	Base	1	20,000	/	Demention L 45"x6"x8M Need 500KW for full driving usually use about 50%, this Transformer from 11,000/3,300V unable to remove
Transformer 300 KVA single phase 3,300/220V No. of reparation 13-22-298/99	"	2	4,000	/	Using for Motor.
Transformer 100KVA single phase 3,300/220V No. of Rep. 13-22-304/5	"	2	3,000		Using for Light.
Transformer 3000KVA 3 phase 11,000/3,300V	Base	1	20,000	/	Necessary to spare for main transformer of this factory, and can't remove.
Transformer 100KVA single phase 3,300/220V	Base	1	2,000	/	Bad condition, can't be removed
Transformer 75KVA 3,300-190,180,170, 220,210 & 200	"	1	2,000		"

MGP 37

REPARATIONS PLANTS MATERIALS

NAME OF PLANT, LABORATORY, OR ARSENAL:
工場, 研究所又ハ兵器廠ノ名稱 Kawasaki Industrial Co. Ltd. Kobe Casting & Forging Plant.

LOCATION:
所在地 2 Chiome Wadayama-Dori Hyogo-Ku Kobe

SIGNATURE OF OWNER OR CUSTODIAN:
所有者又ハ管理人ノ署名 M. Matsui

General Contractors Association of Japan
Hyogo Prefecture Branch

Shimizu-gumi Co.
Genji, Kushida

DATE:
日附 20 Jan. 1947

** SIGNATURE OF LOCAL JAPANESE LIAISON OFFICER:
當該地區日本連絡官ノ署名 Kizo, Toda

MATERIAL STOCKS (NOT INSTALLED) 在庫資材表 (施設ニ含マレザルモノ)

ITEM DESCRIPTION 品目名稱	UNIT 單位	QUANTITY 數量	TOTAL ESTIMATED WEIGHT 見積總重量	NUMBER OF CARLOADS 積込貨車數	CONDITION *** 狀態	REMARKS 摘要

* *Owner or custodian to attach statement if he desires.*
所有者又ハ管理人ハ必要ニ應ジ說明書ヲ添附ノコト.

** *Prefectural Japanese Liaison Officer to attach statement if he desires.*
當該地區連絡官ハ必要ニ應ジ說明書ヲ添附ノコト.

*** *Describe as New, Good, or Poor. "Good" will indicate "suitable for general use." "Poor" will indicate "not suitable for reuse."*
狀態欄ニハ新品, 良品, 不良品ト記載ノコト. 良品ハ一般使用ニ適スルモノ. 不良品ハ再使用ニ適サザルモノヲ示ス.

Eighth Army Printing Plant-Boonjude
2798

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DECLASSIFIED E.O. 12065 SECTION 3-402/NNDS NO.

Steel gate iron	1450mm x 2750mm ~ 4	m²	15.95			
"	1450 x 2450 ~ 2	"	7.10			
"	1500 x 2180 ~ 1	"	3.28			
"	1500 x 2550 ~ 2	"	[illegible]	[illegible]800 kg		Necessity of repair
"	1200 x 2400 ~ 2	"	5.76			
"	2200 x 3600 ~ 2	"	15.84			
"	730 x 2100 ~ 10	"	15.33			
Iron frame		Kg	525000		> 6	Non-remove
Iron lattice	1300 x 2500	Units	12	600 kg		Necessity of repair
Blacket by iron	1000 x 900	"	4	100 kg		
Steel sash	1300 x 1650 ~ 8	m²	17.00			
"	1300 x 2500 ~ 3	"	9.75			
"	1200 x 1500 ~ 20	"	36.00	1,800 kg		
"	2000 x 1500 ~ 24	"	72.00			
"	1200 x 2000 ~ 4	"	9.60			
"	450 x 800 ~ 12	"	4.32			
Hot-water tank & iron	1200 x 1200 x 900	Unit	1	480 kg		
"	650 x 650 x 650	"	1			
Monorail	300 x 150 x 10 I	m	500	32,750 kg	2	Occupied
Pipe Steel	250mm	m	850			Pipes in use is for forging power, so withdrawal means no operation.
	200"	"	60			
	150"	"	100			
	100"	"	1000			
	75"	"	300			
	62½"	"	160	58,000 kg		
	50"	"	250			
	37½"	"	80			
	31¼"	"	60			
	25"	"	450			
	19"	"	500			
Bushing by cast iron	250mm	Units	90			Bushing in use is for forging power, so withdrawal means no operation.
	100"	"	150			
	75"	"	10			

	150	"	100			
	100 "	"	1000			
	75 "	"	300			
	62½ "	"	160	58,000 kg		
	50 "	"	250			
	37½ "	"	80			
	31¼ "	"	60			
	25 "	"	450			
	19 "	"	500			
Bushing cast iron	250 mm	units	90			Bushing in use is for forging power. so withdrawal means no operation.
	100 "	"	150			
	75 "	"	10			
	62½ "	"	25			
	50 "	"	60	2,100 kg		
	37½ "	"	35			
	31¼ "	"	5			
	25 "	"	45			
	19 "	"	100		5	
Frange	250 mm	"	100			Frange in use is for forging power. so withdrawal means no operation.
	200 "	"	12	650 kg		
	150 "	"	20			
	75 "	"	10			
Valve cast iron	250 mm	"	5			Valve in use is for forging power. so withdrawal means no operation.
	200 mm	"	1			
	150 "	"	2			
	100 "	"	1	3700 kg		
	75 "	"	9			
	62½ "	"	3			
	50 "	"	16			
Valve Brass	37½ "	"	10			
	25 "	"	30	265 kg		
	19 "	"	12			
Pump 75 mm Capacity	90 m³/time	Trucks	2	1200 kg		Necessary because used for freezing compressor. Compensation No. 13-22 [231/252]
Expansion joint	75 mm	Unit	1	120 kg		Occupied
No. 4 Labert insulate electric wire	300 mm²	m	200			Use impossible.
	200 "	m	1700			Arranged as the main line and occupied
	150 "	m	400			

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

	30					
Valve Brass	37½"	"	10			
	25"	"	30	265 kg		
	19"	"	12			
Pump 75mm Capacity	90m³/time	truck	2	1200 kg		Necessary because used for freezing compressor. Compensation No. 13-22 231/232
Expansion joint	75mm	Unit	1	120 kg		Occupied
No. 4 Liber insulate electric wire	300 mm²	m	200			Use impossible.
	200 "	m	1700			Arranged as the main line and occupied.
	150 "	m	400			
	100 "	"	2700			Occupied for lowering electric line arrangement of machine tools.
	60 "	"	1300			
	22 "	"	660	7,500 kg		Occupied for line arranging of machine tools and industrial machine.
	14 "	"	800			
	8 "	"	1800			
	5.5 "	"	2000			
	2mm	"	300			Occupied for line arranging of ceiling lamp.
	1.6"	"	1450			
Insulator high tension	3.5 K.V.	units	60			Occupied for line arranging.
Shackle insulator high tension	3.5 K.V.	"	40			
Dolam insulator high Tension	3.5 K.V.	"	60	600 kg		
Double cup insulator		"	250			
Double cup shackle insulator		"	60			
Noop insulator		"	450			
Conduit tube	15mm x 18mm	m	15		2	Occupied for pipe of line arranging.
"	15 x 24	"	6			
"	15 x 30	"	7	200 kg		
"	15 x 36	"	70			
"	15 x 48	"	50			
"	15 x 60	"	15			
Switch 250V 3P 300A	Knife switch	units	1			
" " 100A	"	"	28			18 units bad
" " 50A	"	"	2			All bad
" " 30A	"	"	3	70 kg		1 unit bad
" 2P 50A	"	"	9			6 units bat
" " 20A	"	"	1			
" " 10A	"	"	2			
Light utensil factorial Shade		"	95	130 kg		15 units bad

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 1

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDS NO.

" " 50A	"	"	2				All bad
" " 30A	"	"	3	70 kg			1 unit bad
" 2P 50A	"	"	9				6 units bat
" " 20A	"	"	1				
" " 10A	"	"	2				
Light utensil factorial shade		"	95	130 kg			15 units bad
Bulb	200V 300W	"	50	9 kg			Occupied
"	" 100W	"	50				"
Motor	220V 6000 ½ Hp	truck	1				Bad } Spare fore machine installation.
"	" " 1 "	"	5	200 kg			3 units bad
"	" " 2 "	"	1				
"	" " 3 "	"	1				Bad
Blower	7½ Hp 40 m³/min	"	3	600 kg			Necessary for thermo treatment of manufactured good and heating semi-manufactured goods. Compensation No. 13-22 [illegible] 345
Boiler Taguma system	1 Hot area 700 m²	truck	1	20,000 kg			Compensation No. 13-22-159
Washington pump Capacity	20 m³/time 125×100	"	1	750 kg			Compensation boiler and attached kind.
"	10 m³/time 62½×50	"	1	550 kg			
Damper Pl. 650×1200×12		Units	2				
Chain use §6 1800 long		"	2				
Weight dia. 180 mm 320 long		"	2	500 kg			
Shaft dia. 50 mm 3000 long		"	1				
Pulley dia. 350 mm 55 thick		"	2		3		
Steel ladder by iron	400×3000	"	1				
"	400×2000	"	2				
"	400×2500	"	1	700 kg			
"	400×1500	"	1				
Steel steps by iron	500×4000	"	1				
"	500×6000	"	1				
Boiler Kewany system	1 Hot-area 150 m²	truck	1	5000 kg			Compensation No. 13-22-158
Transformer 2P PV 3300V BV 220V	300 KVA	"	2				Compensation No. 13-22-297. 300.
" " " "	200 KVA	"	3				" (all bad) " - 429. 430. 431.
" " " "	100 KVA	"	5	11,000 kg			" [illegible]
" " " "	25 KVA	"	1				
" 3P " "	75 KVA	"	1				

MGP 37

REPARATIONS PLANTS MATERIALS

賠償工場ノ資材

General Contractors Association of Japan
Hyogo Prefecture Branch

PAGE 1 OF 3 PAGES
頁中ノ第 頁

NAME OF PLANT, LABORATORY, OR ARSENAL: Kanashiki Industrial Co; Ltd.
工場, 研究所又ハ兵器廠ノ名稱 Kobe Casting & Forging Plant

LOCATION:
所在地 #1. 2 Chiome Wadayama-Dori Hyogo-Ku Kobe

SIGNATURE OF OWNER OR CUSTODIAN:
所有者又ハ管理人ノ署名
M. Matsui

** SIGNATURE OF LOCAL JAPANESE LIAISON OFFICER:
當該地區日本連絡官ノ署名
Hatate-Gumi Co; Ltd.
H. Kitamura
Kizo, Toda

DATE:
日附 Jan. 20. 1947

MATERIAL STOCKS (NOT INSTALLED) 在庫資材表 (施設ニ含マレザルモノ)

ITEM DESCRIPTION	UNIT	QUANTITY	TOTAL ESTIMATED WEIGHT	NUMBER OF CARLOADS	CONDITION ***	REMARKS
品目名稱	單位	數量	見積總量	積込貨車數	狀態	摘要

* *Owner or custodian to attach statement if he desires.*
所有者又ハ管理人ハ必要ニ應ジ說明書ヲ添附ノコト.

** *Prefectural Japanese Liaison Officer to attach statement if he desires.*
當該地區連絡官ハ必要ニ應ジ說明書ヲ添附ノコト.

*** *Describe as New, Good, or Poor. "Good" will indicate "suitable for general use." "Poor" will indicate "not suitable for reuse."*
狀態欄ニハ新品, 良品, 不良品ト記載ノコト. 良品ハ一般使用ニ適スルモノ. 不良品ハ再使用ニ適サザルモノヲ示ス.

Eighth Army Printing Plant-Boonjodo
2798

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

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 750[illegible]

Report on Investigation of Idle Facilities

21 January 1947

Name of Company: Kawasaki Aircraft Industry Co. Ltd.
Kobe Casting & Forging Plant
(Present Name) Kawasaki Industrial
Co. Ltd. Kobe Casting & Forging Plant

1. This Plant, being permitted for conversion, is at present operating with its full facilities for production of both essential productions in general and works for the Occupation forces. Therefore the plant has very few idle facilities and machineries to be removed, or materials to be converted into other productions.

2. Furtheremore, even after the facilities are removed by reparation this plant seems to be able to continue the production of casting and sheet metal works for parts of the raiload, rolling stocks and locomotives. It is the case of "Nothing gain and everything lose," to remove any facilities or machineries after the reparation. I firmly believe it shall be beneficial to keep this plant in present condition without any removal of facilities and machineries.

Present Products
Essential works in general
Kitchen utensils, Kettles,
Electrical Instruments
Parts and Equipment for
Railroad and Rolling stocks.

Works for the Occupation Forces

Reverberatory Stves,
Heating apparatus,

Official engineer of
Hyogo Prefecture

~~Rizo Tada~~
Rizo. Tada

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. 77012

Written opinion regarding investigation into materials and equipment of reparations factory.

1, Wadayamadori 2-chome, Hyogo, Kobe.
Kawasaki Aircraft Industrial Co., Ltd. Kobe Casting & Forging Plant.

Present Name: Kawasaki Industries Co., Ltd.
Kobe Casting & Forging Plant.

1. General opinion

a. General condition of factory:

We had been engaged in the manufacture of automobiles since 1921, but in 1942 we were caused to change to aircraft industry by order of the military authorities. However, since termination of the war we have resumed completely to the production of goods for civil requirements. As for our Forging branch, tanks to our many years' experience and special technical equipment we are enabled to supply large quantities of Automobile parts to such automobile factories as "Nissan" and "Toyota" as well as Parts dealers throughout the country.

As far as our Casting branch is concerned, our aluminum casting technique enjoys a characteristic position in the whole country. We are now manufacturing large quantities of Radiators for heating made of aluminum alloy for use by Occupation Forces and electric instruments. Especially our Radiators are a unique product which no other factory can make.

In regard to Cast Iron, we are now manufacturing parts of Diesel engines for "Kanebo Zoki" and other concerns. Thus, we believe we are contributing in no small measure to the revival of Japan's pease industries.

b. Permission to change to production of goods for civil requirements:

Date of permission: 15 May, 1946
No. of permit: I G - 355

c. Designation as an important factory:

We were designated as an important civil factory in accordance with Hyogo Prefectural Ordinance.
Date of designation: 6 October, 1946.

d. Work for Occupation Forces:

We manufacture for Occupation Forces Radiators for heating made of aluminum alloy. (Contractors Mitsui Bussan)
No. P. D. KYTE 1114
Besides, we manufacture 2 K. W. Reflection Stoves (of aluminum alloy casting) in execution of orders placed by Matsushita Denki.

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e. Results and scheme of production:
As per attached sheet.

f. Presentation of application for exemption from reparations:
Although our factory is a designated reparations factory, the Japanese Government has filed a formal application for exempting us from being a reparations factory in consideration of the fact that we are playing an important role as a civil factory as stated above. We have acquired a king recommendation from the local military government and our application is now being taken up by the General Headquarters. It is expected that the result will be made clear in the very near future.

g. Worker's desire for production:
The nucleus of our workers is those skilled workers who have been working in our factory since the war-time, hence they have a keen desire for production. Defying such bad factors as lack of coal, restriction of electric power supply and so forth, they are endeavoring to increase output. In fact our factory is one of the most active ones which have been converted from war industry to peace industry. There is entirely no antagonism of capitalists versus labor between our company and our workers' association.

h. Restoration from war-damage:
During the war-time our factory was bombed several times and consequently the buildings and equipment were severely damaged. Some shops are without roofs and in many parts of shops rain leaks badly. Glass panes of most windows are broken and workers are working in such a bad condition that they are exposed to chilly wind. We hope special consideration be given to our position requiring substantial quantity of materials for repairs.

For the reasons above-stated, we wish that equipment and materials be left with us, which are necessary in attaining our object of meeting civil requirements hereafter.

M.MATSUI M. Matsui

Custodian
of Kobe Casting & Forging Plant.
Kawasaki Industrial Co., Ltd.

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO. [illegible]

c

c. Production after the war and Production program for the Future.

a) Monthly Production after permit of conversion into Civilian Industry granted. (Permit was granted under the date of 15 May 1946)

Forging

Article	1946 May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Connecting Rod						256	502	184
Rod Cap					2193	1877	552	
Knuckle Crm						1372	1987	297
Knuckle (Right)							393	
Pitmen Arm					2483	1352	1751	
Rear Shaft	1027	1108	802	1110	1043	416	236	
Rear Yoke		2692	3023	5650	3692	2140	2480	1054
Front Yoke	1313	1665	2979	4191	5005	1659	750	731
Spider	2536	1014	5294	6219	3787	2928	765	268
Speed Gear				661		623		
Drive Gear		732	2921	3155	1797	479	359	
Side Gear		2773		4049	2466	2059	856	404
Tie Rod End						2911	2117	1906
Main Drive Gear					223	724	466	78
Drive Gear Only					1397	540		
Secter Gear						617	317	
Mission Gear					2580	3604	3238	1023
Miscellaneous	9081	4801	6201	5985	5598	380		10

Casting

Aluminium

Article		1946 May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Electric	A	122	273	718	520	304	65	98	180
Reverberatoy	B	168	269	408	498	421	11	107	
Stove	C	105	269	413	436	364		121	
Electric cook	A	1856	195						
Utencile	B	1367	256						
	C	728	290						
	D	910	269						
Water Pump		4	127	924	82				
Stand of Electric heater (500W)							2497	1991	1825
Stove Gird			195						
Radiator						24	3906	4390	4182
Parts of Auto.				592	428	122			

Kitchen Utencile 2.5 ton 3 ton 2.5ton 6.5ton 4 ton 0.4ton 1.6 tom 1 ton

Iron

Article	1946 May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Article of Diesel Engine Parts					4 ton	5.2ton	15.6ton	12 ton

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b) Production program for the Future.

Forging

Article	1 9 4 7		
	Jan.	Feb.	March
Connecting Rod	3000	4000	5000
Rod Cap	3000	4000	5000
Knuckle Arm	500	1000	1000
Knuckle (Right)	1000	2000	3000
Knuckle (Left)	1000	2000	3000
Third Arm	1000	2000	3000
Pitman Arm	1000	1000	321
Rear Shaft	500	1000	1000
Rear Yoke	3000	3000	1402
Front Yoke	6000	2500	3000
Spider	2000	3000	3000
Speed Gear	164		
Drive Gear	130		
Side Gear	200		
Main Shaft	485		
Tie Rod End	500	500	
Main Drive Gear	500	500	320
Drive Gear Only	200	200	200
Sector Gear	1000	1500	200
Reduction Gear	25		
Mission Gear	1843	1444	

Casting

Aluminium

Article		1 9 4 7		
		Jan.	Feb.	March
Electric	A	100	100	100
Reverberatory	B	100	100	100
Stove	C	100	100	100
Stand of Electric Heater	1 KW	1000	1000	1000
	500 W	4000	5000	5000
Stove Gird		1000	2000	3000
Radiator		6000	7000	7000
Kitchen Utencile		1 ton	1.5 ton	1.5 ton

Iron

Article	1 9 4 7		
	Jan.	Feb.	March
Article of Diesel Engine Parts	10 ton	10 ton	15 ton

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Note: 1) Forgings are mostly of Automobiles, ships and rolling stock engine.

2) Aluminium Casting are mostly heating radiator and electric articles.

3) Iron Castings are mostly parts of ships and rolling stock engines and rolling stock parts.

C) Comparative Survey of Monthly Production of this Plant against that of the whole country in main productions of this plant.

Articles	Production Capacity of whole country	Production Capacity of this plant	Percentage
Forgings			
Automobiles Parts	1,000 Tons	150 Tons	15%

Remarks: Main articles, wherein, are Rear Axle shaft, Connecting Rod, Universal Joint, and Various Kind of Gears, and some parts of them are being completely finished in machine process.

Articles	Production Capacity of Whole country	Production Capacity of this plant	Percentage
Castings			
Aluminium castings			
Heating Radiator (for Occupation Forces)	Square feet 20,000	Square feet 15,000	75%
2 KW Reverratory Stove (for Occupation Forces)	1,000	650	65%

Remarks: Total Production Capacity of whole country is difficult to estimate, only approximate figures are therefore given in the above table.

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MATERIALS AND EQUIPMENT WHICH ARE SPECIALLY REGARDED NECESSARY TO BE RETAINED AND DESIRED TO BE EXCLUDED FROM REPARATIONS IN KIND NOW UNDER INVESTIGATION:

1. MAIN MATERIALS:

a) Aluminum. As a material of Radiators for use by the Occupation Troops, it is necessary for us to have definitely a supply of 20 tons per month. As we expect to receive more orders hereafter, we fear that without replenishment our stock will run short.

b) Metallicmagnesium. As a material of Magnesium alloy casting we anticipate that our consumption of the subject metal will increase in future. Our present monthly consumption is 600 kg., but with our stock alone we fear we shall become short of material to meet requirements.

c) Pig Iron. To make Castings for Automobiles, Railroads, and Vessels we need 2,000 kgs. of Pig Iron every month. However, as orders for these types of goods are steadily on the increase, we have to secure this material from others in future. Our consumption is so large.

d) Steel Sheets. This is necessary as a material of Steel Radiators, Bicycles, and Automobile Parts.

2. ELECTRIC GOODS:

a) Copper Sheets. For use in the manufacture of hardened parts for Automobiles and Vehicles and also as a material of hardening surface, we require a supply of up to 20 sheets of regular size every month.

b) Ferro-chrome Resistance Wire. As we consume 10 kgs. monthly for melting purpose in die-casting, our stock must necessarily be kept.

c) Almel-chromel Wire. We use 80 meters per month for tempering, forging and checking temperature.

d) 3-phase Induction Motor.

½ H.P. ... We make 25 ~~of this type for use~~ of Boring machines, per month, so we have to hold this quantity of motors to attatch them.

½ H.P. ... We need monthly 20 motors for valve ~~refrigerators use~~ of which We manufacture.

1 H.P. - 3 H.P. ... We need these for such uses as small-type Tool machines, Drilling machines, etc.

e) Kloma Heat generator. As heat generator for Copper alloy, Casting furnace and Steel forging furnace, our consumption is 200.

f) Lead-covered cable for telephone use. For telephones in the factory, the whole quantity is necessary.

g) Terminals. We intend to use these for large-scale repairs

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in the factory after we have been exempted from reparations in kind and also for repairing of equipment and installation of new equipment.

h) Knob Insulators. The same remarks as above apply to this item.

i) Electric Wires. Our stock is not sufficient even for use for the Tool machines brought over from Suma factory. Consequently, the whole stock has to be held.
In our report of materials under investigation Electric Wires used for equipment are also included. If these are taken down for reparations, it would cause a great hitch in our operations.

3) BUILDING MATERIALS:

a) Valve cocks, Joints, etc. For repairing of piping system of Melting furnaces, Drying furnaces, and Air Compressors which were damaged by the war, and also for installation of new equipment, which will be necessitated by increase of production, these Valve cocks, etc. must be kept.

b) Pipes. Pipes of all sizes are necessary for repairs and new piping, such as new piping and repairing of gas furnaces for melting of castings, heating furnaces for forging, air compressors, etc.

c) Wooden materials.
For use of wooden molds for Aluminum and Pig Iron castings, wooden materials have to be used.

4) MISCELLANEOUS MATERIALS:

a) Fire-proof bricks and mortar. For repairing of Cupola and extension of melting furnaces, heating furnaces and drying furnaces, even the present stock is insufficient.

5) EQUIPMENT IN NORTH FACTORY:

a) Blowers. These are to be used for additional installation of melting and drying furnaces.

b) Motors. To a certain extent Motors have to be kept as reserves for use in case of troubles of motors for Tool machines and general industrial machinery.

c) Electric furnances. These are to be used as core drying furnaces and also for heat treatment

6) EQUIPMENT OF SOUTH FACTORY.

a) Blowers. These are absolutely necessary for heat treatment of forged goods and for heating of forging materials.

b) Mono Rail. This is now being used for transportation of Steel and molds for casting.