

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

Description of contents

- (1) Box no. 2900
- (2) Folder title/number: (28)
Kawanishi Kikai-Akashi

(3) Date: Jan. 1947

(4) Subject:

Classification	Type of record
9230	c, k

(5) Item description and comment:

Hyogo

(6) Reproduction: Yes No

(7) Film no. Sheet no.

(Compiled by National Diet Library)

HYOGO LIAISON OFFICE

REMARKS

NAME OF PLANT: THE YAMATO SEIKO (WEIGHTS & MEASURES MFG.) K.K.

This company is engaged in the production of weights and measures according to P.D. having received the permit for conversion to civil necessities production on Nov. 26, 1946 and it has already filed an application for exemption from reparation. As the demand for weights and measures, which were considerably destroyed during the war-time, is remarkable, we hope that the materials described in the report as productive ones shall be retained. As regards materials already utilized for equipments, we ask you to retain them to maintain and custody the reparation machinery satisfactorily.

Shigeo Nakagawa

LOCAL LIAISON OFFICER

KAWANISHI KIKAI SEISAKUSHO, LTD., KOBE

Kobe, January 15, 1947

P E T I T I O N

On the termination of the war our former Akashi plant, now being designated as one of the objects of Reparations Plants Materials Survey, was reconverted into a manufacturing plant of Weights and Measures (one of our principal lines of business since establishment) obtaining permission from The 6th Army under date of November 26, 1946 and started manufacture, repair and sales of Weights and Measures in December of same year under the title of the Yamato Seiko Co., Ltd., an independent concern instituted to take over our Weighing Machine Department.

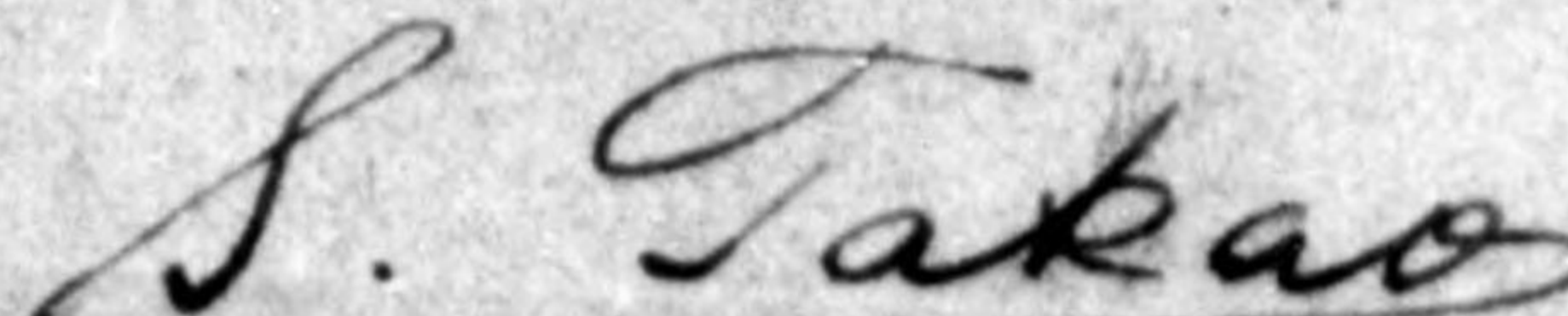
Though the factory site and buildings still belong to us, repair of air raid damages sustained during the war was done by the Yamato Seiko Co., Ltd. The factory site and buildings together with all machinery and equipment were to be transferred to the Yamato Seiko Co., Ltd. on their establishment but the transfer was so far delayed on account of funds & other relations.

Materials now on their hand were all purchased on their own account and are their property and that we consider they should certainly not be an object of Reparations Plants Materials Survey now being enforced.

On recommendation of the Authorities concerned we have already submitted an application for removal from the list of reparations object. Such being the case, we solicit your kind consideration and favourable judgement.

Particulars of ownership relations are being noted in the column of remarks of the List of Reparations Plants Materials and particulars of appropriations of materials are as per statement of the Yamato Seiko Co., Ltd.

For KAWANISHI KIKAI SEISAKUSHO, LTD.



President

YAMATO SEIKO CO., LTD., AKASHI.

Akashi, January 18, 1947

DESCRIPTION

Relations between the Yamato Seiko Co., Ltd., and Kawanishi Kikai Seisakusho, Ltd., Akashi Plant, now being designated as one of the objects of Reparations Plants Materials Survey, are as under and we are definitely an independent concern from the latter in regard to management and materials.

1. History -

On the termination of the war, Kawanishi Kikai Seisakusho, Ltd. with the object of extending productive capacity of Weights and Measures, one of their principal lines of business since establishment, reconverted their Akashi plant as a manufactory of Weights and Measures obtaining permission No. MG-123 under date of November 26, 1946 from the 6th Army.

Demands for Weights and Measures have greatly increased owing to damages and wear out during the war, while production is lagging far behind due to the diminish of production facilities by war fire. In view of pressing necessity of establishing a separate and specialized concern in the place of the Weighing Machine Department of Kobe plant which badly damaged by air raids, they have instituted the Yamato Seiko Co., Ltd., on December 1, 1946, to whom buildings and facilities of their Akashi plant were hired out, transferring at the same time machinery, equipment and all materials of their Weighing Machine Department. Thus Yamato Seiko Co., Ltd. started manufacture, repair and sales of Weights and Measures independently.

2. Description on the Industry.

The company have been ordered to produce 2606 "Health Meter" on Sep. 18th 1946 by PD JPNZ-1209, and doing best to complete the order by Feb. 28th 1947 in due time. And the company is having further order of 50 of 18-S-1190-888 Platform Portable with wheel. 500 lbs., and 50 of 2500 lbs. and at present preparing hard to obtain materials and to increase the employees.

For home demand, ever since the first operation in 1922 company had been putting weight on production and Repair of Weighing machineries, and production went up to 5,000,000 per annual at beginning of the war.

Actual production in Dec. 1946 was ¥1,100,000 and planned production in Jan. 1947 is to be ¥1,340,000.

And kind the products are special type weighing machines for fertilizer making, minning, ship building, chemical industry, milling and other food production, and also for small

YAMATO SEIKO CO., LTD., AKASHI.

Page 2

scales for civilian use. The company received advance payments from principal customer for preparation of materials ~~as shown in Annex 1~~ and trying hard to get materials to meet the urgent demands.

As a principal producer of civilian goods the company was designated by Hyogo Prefecture on Dec. 16th 1946 for the production of weighing machineries and is expected for the production to be greatly increased.

3. Materials.

Materials on hand were obtained through the following routes and are to be applied for the manufacture of weights and measures for Occupation Forces and general civilian use, particular of which are as per List of Materials of Reparations plant.

- a. Bought on quota for production to P.D. (for Allied Forces) and ready for it.
- b. Transferred from Weighing Machinery Department, Main plant, Kawanishi Kikai Seisakusho as stated above and being stored.
- c. Bought with advance payment ~~as stated in 1~~ and kept for the production.
- d. Bought from Asahi Glass Co., Ltd. and the other six companies, to be used for their orders.

4. Buildings and Equipment.

The buildings loaned from Kawanishi Kikai Seisakusho were bombed on 9th, 23rd, and 26th of June 1945 with high explosives, and on July 6th 1945 with fire bombs, and damaged by food on Oct. 9th 1945, approximately 70% of total buildings have been destroyed.

Soon after the company moved in, repairing of buildings have started and with cost of ¥1,567,499.55, approximately 85% have been completed at present.

For The YAMATO SEIKO CO., LTD.,


Managing Director

List of Materials at Kawanishi Machine Manufactory Ltd.

This Factory is separated from Kawanishi Machine Manufactory Ltd. and managed independently by Yamato Weighing Machine Manufactory Ltd. by order of the Department of Commerce and Industry after the War.

Yamato Weighing Machine Manufactory Ltd. is working for production of weighing machine and under production 10,000 sets of weighing machine at present by order of Occupation Force's P.D.

Stating in reference to Undermentioned Materials excepted a few part are belonging to Yamato Weighing Machine Manufactory Ltd.

MGP 37

NAME OF PLANT, LABORATORY, OR ARSENAL: Kawanishi Kikai
工場, 研究所又ハ兵器廠ノ名稱 Seisakusho, Ltd., Akashi Plant
LOCATION: 1772, Saemba-cho, Akashi, Hyogo-ken
所在地

REPARATIONS PLANTS MATERIALS

賠償工場ノ資材
General Contractors Association of Japan
Hyogo Prefecture Branch

PAGE 1 OF 2 PAGES
頁中ノ第 1 頁

DATE: 日附 26 Jan. 1947

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

H. Kuno

Okabayashi-Gumi Ltd
H. Kuno

Shigeo Nakagawa

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

S. Takao

President MATERIAL STOCKS (NOT INSTALLED) 在庫資材表 (施設=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 備註
Iron bar 9 m/m #13	ton	.645				

* Owner or custodian to attach statement if he desires.
所有者又ハ管理人ハ必要ニ應ジ説明書ヲ添付ノコト.

** Prefectural Japanese Liaison Officer to attach statement if he desires.
當該地區連絡官ハ必要ニ應ジ説明書ヲ添付ノコト.

*** 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.

89th Army Printing Plant, Bangkok
87-28

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

165.80K8 (Total)

List of Materials per page
at No. 2 Factory Area 800

			4.802		good
"	16	"	1.260		"
"	19	"	9.093		"
"	22	"	5.197		"
"	25	"	5.439		"
"	28	"	1.892		"
"	30	"	2.414		"
"	32	"	4.353		"
"	34	"	.868		"
"	36	"	3.334		"
"	38	"	1.372		"
"	40	"	1.586		"
"	42	"	.724		"
"	44	"	.750		"
"	50	"	4.037		"
"	55	"	3.584		"
"	60	"	.713		"
"	65	"	1.045		"
"	70	"	.362		"
"	75	"	.247		"
"	80	"	15.305		"
"	90	"	4.361		"
"	95	"	.255		"
"	100	"	3.628		"
"	105	"	.312		"
"	110	"	.828		"
"	125	"	.385		"
"	130	"	5.080		"
"	150	"	4.962		"
"	180	"	5.960		"
"	190	"	.446		"
"	300	"	18.592		"
"	400	"	3.952		"
Draw iron	15	"	.224		poor
"	15	"	.088		good
"	16	"	.191		"
"	20	"	1.370		"
"	22	"	3.7		"
"	32	"	.4		"
"	42	"	.5		"
Iron plate	65	"	.2		"
"	5	"	.7		"
"	6	"	1.4		"

"	300	"	"	18.592	"	"
"	400	"	"	3.952	"	"
Drew Iron bar	10	"	"	.074	poor	"
"	12	"	"	.536	good	"
"	15	"	"	.068	"	"
"	16	"	"	.191	"	"
"	20	"	"	1.370	"	"
"	22	"	"	3.7	"	"
"	32	"	"	.4	"	"
"	42	"	"	.5	"	"
"	65	"	"	.2	"	"
Iron plate	5	"	"	.7	"	"
"	6	"	"	1.4	poor	"
"	9	"	"	1.0	good	"
"	12	"	"	1.5	"	"
Square Iron	25mmx25mm	✓	ton	2.7	poor	"
"	30mmx30mm	✓	"	.7	"	"
"	44mmx44mm	"	"	.3	good	"
"	110mmx110mm	"	"	1.8	"	"
"	130mmx130mm	"	"	5.3	"	"
"	200mmx200mm	"	"	16.9	"	"
"	220-260x220-260mm	"	"	.9	"	"
Steel (Cutlery Steel)						
	10 x 10	"	"	.1	"	"
	8 x 8	"	"	.2	"	"
Square steel	19 x 19	"	"	.1	"	"
Nickel chrome steel						
	120 x 120	"	"	.2	"	"
"	140 x 140	"	"	.4	"	"
1201 80k Chrome steel						
	50mmx50mm	"	"	.8	"	"
003 35% Carbon steel	50m/m	✓	"	.2	"	"
	180	"	"	.1	"	"
stainless steel	60m.m	✓	"	.7	"	"
Ball Bearing steel						
	18m/m	"	"	1.9	"	"
"	25	"	"	.1	"	"
"	26	"	"	.1	"	"
"	34	"	"	.1	"	"
"	35	"	"	.3	"	"
"	36	"	"	.9	"	"
"	44	"	"	.7	"	"
"	50	"	"	1.0	"	"
"	55	"	"	.5	"	"
"	60	"	"	2.7	"	"
"	65	"	"	.9	"	"
"	70	"	"	.9	"	"
"	85	"	"	.2	"	"

"	60	"	"	"	2.7	"	"
"	65	"	"	"	.9	"	"
"	70	"	"	"	.9	"	"
"	85	"	"	"	.2	"	"
Steel (AW 190)	15	"	"	"	.3	"	"
"	19	"	"	"	.4	"	"
Special steel (NKI)	40	"	"	"	.8	"	"

"	44	"	"	"	.2	"	"
"	50	"	"	"	.4	"	"
"	90	"	"	"	.1	"	"
"	110	"	"	"	.6	"	"
Special Steel (NKI)	300	"	"	"	1.4	"	"
Special steel (8W6000)	15	"	"	"	.6	"	"
Special Tool Steel No.1	5 x 25	"	"	"	.3	"	"
"	(8W-6000)	"	"	"	.1	"	"
Carbon Tool Steel No.5	26	"	"	"	.1	"	"
"	100	"	"	"	.2	"	"
"	80	"	"	"	.2	"	"
Carbon Steel plate				"			
2mm x 200mm x 3000mm				"	.1		poor
3mm x 200mm x 1000mm				"	.2		"
4mm x 200mm x 3000mm				"	.2		"
Iron plate				"			
0.6mm x 3ft x 6ft				"	.4		"
1 x 3ft x 6ft				"	2.4		"
1 x 3ft x 8ft				"	.3		"
1.0mm x 4ft x 8ft				"	.5		"
1.2 x 3 x 6				"	.4		"
1.4 x 3 x 6				"	3.0		"
1.5mm x 2.5ft x 5				"	.3		good
1.5mm x 3ft x 6ft				"	.2		"
2 x 3 x 6				"	1.6		"
2 x 4 x 8				"	2.4		"
2.3 x 3 x 6				"	.09		"
3.2 x 4 x 8				"	1.1		"
4 x 3 x 6				"	.5		"
4.5 x 3 x 6				"	.9		"
4.5 x 4 x 8				"	4.0		"
4.5 5ft x 10ft				"	.9		"
5 3ft x 6ft				"	.1		"
6 5.6ft x 15ft				"	.1		"
8 3ft x 6ft				"	.2		"
8 5ft x 10ft				"	.2		"

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4.5	x 4 x 8	"	4.0
4.5	5ft x 10ft	"	.9
5	3ft x 6ft	"	.1
6	5.6ft x 15ft	"	.1
8	3ft x 6ft	"	.2
8	5ft x 10ft	"	.2
12	6.5ft x 13.8ft	"	.5
12		"	.9

Galvanized iron plate					
1.2 x 3 x 6	"	.1		poor	
Checkered plate					
3.2 x 4 x 8	"	.1		poor	
Rib (Iron wire) 3mm	"	1.9		good	
3.8mm	"	3.2		"	
4.2mm	"	4.3		"	
Iron Wire 3mm	"	0.69		poor	
5mm	"	0.69		poor	
Belt Iron 2mm	"	0.05		poor	
Drew Steel Pipe					
59mm x 41mm	"	0.225		good	
Gas pipe					
60mm x 52mm	"	4.7		"	
76mm x 69mm	"	2.3		"	
90mm x 70mm	"	0.1		"	
Belt steel welding pipe					
37mm	"	0.8		poor	
22mm	"	1.3		"	
25mm	"	2.1		"	
Pig Iron		50.7		good	
Aluminium Wire 2mm	"	0.005		New	
26mm	"	0.036		"	
3mm	"	.063		"	
4mm	"	.078		"	
Duralumin bar 12mm	"	.09		good	
25mm	"	.03		"	
Brass bar 5mm AF	"	.07		"	
10mm	"	.1		"	
14mm	"	.037		"	
5.6mm	"	.1		"	
8mm	"	.05		"	
14mm	"	.048		"	
18mm	"	.1		"	
19mm	"	.26		"	
20mm	"	.07		"	
24mm	"	.49		"	
25mm	"	1.1		"	
28mm	"	.1		"	
32mm	"	.33		"	

	24mm	"	.49		
	25mm	"	1.1		
	28mm	"	.1		
	32mm	"	.33		
	36mm	"	.38		
	38mm	"	.55		
	40mm	"	.22		"
	44mm	"	.05		"
	45mm	"	.46		"
	50mm	"	.48		"
Copper bar	9mm	"	.004		"
	19mm	"	.05		"
Brass plate	0.5mm	"	.26		poor
	1.0mm	"	.31		"
	5.0mm	"	.21		"
	6.0mm	"	.24		"
	11.0mm	"	.31		"
Copper plate	3mm	"	.06		good
	5mm	"	.41		"
Aluminium plate	0.4mm	"	12		poor
	0.5mm	"	26		"
	0.8mm	"	58		"
	2.0mm	"	18		"
	5.0mm	"	23		"
Duralumin plate					
	0.6mm x 1000mm x 2000mm	"	38		poor
	0.8mm x 600 x 2000mm	"	05		"
	0.8mm x 100 x 2000mm	"	02		"
	1.0mm x 600 x 2000mm	"	006		"
	1.0mm x 1000 x 2000mm	"	02		"
	1.5mm x 1000 x 2000mm	"	20		"
	1.8mm x 600 x 2000mm	"	01		"
	2 mm x 400 x 2000mm	"	01		"
	2 " x 600 x 2000mm	"	06		"
	2 " x 400 x 3000mm	"	06		"
	2 " x 1000 x 2000mm	"	08		"
	3.6 " x 600 x 2000mm	"	12		"
	3 " x 1000 x 2000mm	"	20		"
	4 " x 500 x 3000mm	"	02		"
	4 " x 1000 x 2000mm	"	17		"
	4 " x 1000 x 3000mm	"	14		"
	5 " x 500 x 2000mm	"	14		"
	5 " x 1000 x 2000mm	"	06		"
	6 " x 1000 x 1000mm	"	07		"
	8 " x 1000 x 2000mm	"	09		"
	10 " x 500 x 2000mm	"	03		"
Electro Copper		"	5.9		good
		"	1.7		"

9	x 80	x 150
9	x 90	x 150
9	x130	x 130
10	x 75	x 100
10	x 75	x 125
10	x 80	x 100
10	x100	x 100
11	x150	x 150
12	x100	x 150
12	x130	x 130

"	14
"	1.27
"	1.09
"	8.95
"	2.99
"	11.63
"	.61
"	.29
"	4.98

12	x150	x 150
13	x 75	x 100
13	x 75	x 125
13	x 90	x 90
13	x100	x 100
15	x150	x 150
Lumber Tap cypress plank B.F		
10ft	x0.5ft	x 0.06
13.2	x0.5	x 0.06
10.0	x0.6	x 0.06
12.0	x0.6	x 0.06
12.0	x0.7	x 0.06
13.2	x0.7	x 0.06
6.0	x0.4	x 0.06
Square (pine)		
132	x0.35	x 0.35
Pine plank		
10	x0.4	x 0.03
13	x0.4	x 0.03
13.5	x0.4	x 0.03
10	x0.5	x 0.03
13.2	x0.4	x 0.05
10	x0.5	x 0.05
13.2	x0.5	x 0.05
13.2	x0.6	x 0.05
Phenol resin Enamel (Red)		
Hard paint		
Mixed paint (Black)		
anti corrosive paint		
Lacker under coating		
Oily under coating		
Enamel		
Lacquer Enamel		
Clear Lacker		
Lacker		
Oil Putty		
Benzene Turpentine		
Bolt	5 mm x 101mm	
	5 x 15	
	5 x 40	

"	.95
"	3.48
"	2.15
"	.19
"	2.21
"	.81
50.00 B.F.	
	589.00
	111.00
	101.00
	78.00
	72.00
	32.00
	401.00
	850.00
	75.00
	52.00
	120.00
	460.00
	118.00
	531.00
	159.00
kg	50kg
	2 00
	40
	25
	54
	25
	2 04
	8 88
	1 30
	11 35
	3 00
	29 20
kg	4 70
	6 14
	7 21

New

poor

10	x	50	700 07
12	x	35	700 00
12	x	50	400 00
12	x	40	600 00
12	x	50	400 00
12	x	55	500 00
12	x	90	700 00
13	x	40	400 00
16	x	35	1,300 00
16	x	40	2,300 00
16	x	45	3,000 00
16	x	50	2,800 00
19	x	40	1,700 00
19	x	50	1,000 00
22	x	65	2,000 00
Nut	6mm	"	600 00
	7mm	"	300 00
	9mm	"	400 00
	12mm	"	600 00
	16mm	"	900 00
	22 mm	"	200 00
Ring washa	8mm	"	400 00
	10mm	"	100 00
	12mm	"	500 00
	19mm	"	100 00
Square washer	16mm	"	200 00
Rivet			6,350 00

Long bolt		kg	589 00
19mm x 350mm			435 00
16 x 350			110 00
13 x 300			

poor
"

INSTALLED MATERIALS AND SUPPLIES 施設済ノ資材

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
* List of Electric Materials Kawanishi Kikai Seisakusho.					<p><u>Remarks</u> 90 % of damaged materials by Bombing is repaired and refitted by Yamato Seiko Ltd., but 30 % of above is under repairs still at present and expected to be in working.</p>
Electric Wire No. 4	metre	1008.	46 kg		
"	"	580.	35 "		
"	"	30.	5 "		
"	"	183.	17 "		
"	"	612.	73 "		
"	"	196.	37 "		
"	"	420.	117 "		
"	"	173.	63 "		
" No. 2	"	80.	4 "		
"	"	300.	21 "		
"	"	270.	27 "		
"	"	240.	35 "		
"	"	275.	91 "		
"	"	210.	211 "		
Lamp cord	"	487.	13 "		
Globe	pes	180.			
Socket (key)	"	187.			
Rosette	"	36.			
<p>地方府縣軍政府供官軍用部 IS (NOT) AN ENEMY SURRENDERED FACILITY IS (NOT) A REPARATION FACILITY IS (NOT) PRODUCING FOR OCCUPATION FORCES. IF SO, GIVE PROCUREMENT DEMAND NUMBERS OR DATA REGARDING ORDERS FOR DEPENDENT HOUSING:</p>					
Hander Switch		2	21 kg		<p>CORRESPONDENCE OR ACTION IS (NOT) PENDING TO MOVE PLANT FROM REPARATIONS LIST. CORRESPONDENCE OR ACTION IS (NOT) PENDING TO OPENING (CLOSING) THE PLANT. STATEMENT AS TO WHETHER MACHINERY OR EQUIPMENT IN PLANT WILL BE JEOPARDIZED BY REMOVAL OF THIS ITEM:</p>
Hander Switch		2	21 kg		
Bracket lamp		7			
Outlet box		101			
Joint box	pes	8.			
Lock nut	"	75.			
"	"	90.			
"	"	9.			
"	"	5.	12 kg		
"	"	7.			
Coupling	"	45.			
"	"	87.			
"	"	14.			
"	"	3.			
"	"	7.			
Bell	pes	1.			
Insulator	"	509.			

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

PLANT NO. 1

"	2.0"	"	7.
Coupling	3/4"	"	45.
"	1"	"	87.
"	1.2"	"	14.
SERIAL NO.	1.5"	DATE	3.
"	2.0"	"	7.

Bell Knob Type Insulator	pcs	1.
	"	509.

1

Pin Type Insulator	"	305.	
Pin Type (large) Insulator	"	511.	
3 plates Magnet Switch	"	3.	4050 kg
Normal bend 3/4"	"	19.	
" 1"	"	16.	
" 1.2"	"	12.	
" 2"	"	4.	
Iron pole	"	3.	
Wooden pole	"	8.	
Conduit Pipe 3/4"	pcs	88.	
" 1"	"	103.	
" 1.2"	"	16.	
" 1.5"	"	3.	
" 2"	"	5.	2962 kg
Type Angle 2" x 1.5 m	"	12.	
F Type Angle	"	7.	
E Type Angle	"	6.	
Arm Tie 1.5m x 2 x 1m	"	30.	
Lamp shade	No	120.	
Iron Switch board	No	2.	
Wooden Switch board	No	4.	10 kg
3 phase Motor 7 1/2 HP	"	1.	100 "
" 5 "	"	11.	230 "
" 3 "	"	10.	200 "
" 2 2 "	"	8.	160 "
" 1 "	"	10.	160 "
" 1/2 "	"	7.	120 "
Single Phase Transformer 25 KVA	"	2.	280 "
" 30 KVA	"	5.	600 "
Condenser 3300v x 100kva	"	5.	1100 "
High pressure Oil Switch	set.	1.	12 kg
3 plates knife switch 250 A	"	2.	
" 200 A	"	2.	
" 150 A	"	1.	
" 100 A	"	4.	
" 75 A	A	4.	340 kg

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

"	200 A	"	2.
"	150 A	"	1.
"	100 A	"	4.
"	75 A	A	4.
"	60 A	"	3.
"	50 A	"	23.
"	30 A	A	65.
"	20 A	"	8.
"	10 A	"	1.
2 Plates Knife Switch	100 A	"	1.

340 kg

"	30 A	"	19.
"	20 A	"	2.

40 kg

(Total 11182 kg)

* List of Materials Sanitary works

4" Heater Radiation Pipe	kg	2163.	
3" "	"	51.	
2 1/2" "	"	42.	
2" "	"	138.	
1/2" Heater seamless steel pipe	"	255.	
3/4" "	"	20.	
1" "	"	130.	
1 1/2" "	"	1021.	
2" "	"	520.	
2 1/2" "	"	244.	
500 lbs gun metal stop valve			
1/2" "	pcs	5.	5.0kg
3/4" "	pcs	5.	5 kg
1" "	"	4.	6 kg
1 1/2" "	"	10.	29 kg
2" "	"	2.	8 kg
1 1/2" bend pipe	kg	27	27 kg
1 1/2" Bucket typed steam trap	pcs	2.	8 kg
1 1/2" "	"	1.	8.5kg
1 1/2" Feed Valve (Notop cover)	"	5.	.65kg
L 91 Wash basin	"	1.	3.9 kg
L 21 "	"	1.	1.6 "
2" Seamless steel pipe	m	38.	654. kg
1 1/2" "	"	345.	1388. kg

1	"	Bucket typed steam trap	pcs	2.	8	kg
1	1/2"	"	"	1.	8.5	kg
1	1/2"	Feed Valve (Notop cover)	"	5.	.65	kg
L 91		Wash basin	"	1.	3.9	kg
L 21		"	"	1.	1.6	"
1	2"	Seamless steel pipe	m	38.	654.	kg
1	2"	"	"	345.	1388.	kg
3	3"	Masahiro System Hydrant Valve	pcs	7.	52.	kg
4	4"	Gate valve (Flanged)	"	5.	147.	kg
5	5"	"	"	1.	42.	kg
6	6"	"	"	2.	102.	kg
4	4"	Cast iron pipe (Flanged) 1500 lbs	kg	738.		

3

5"	"		"	252.		
6"	"		"	522.		
8"	"		"	638.		
10H.P.		Mitubishi TM direct connected 4" High pressure water pump	set	1.	1200	kg
10 H.P.		Yasukawa 3 phase IM direct connected 4" High pressure pump	"	1.	1200	kg
		Worsington water pump	"	1.	4500	kg
3"		Masahiro System Hydrant Nozzle	pcs	1.	4.7	kg
Wrought iron flange	1	"	set	5.	7.	kg
"	1 1/2	"	"	20.	36.	"
"	2	"	"	7.	190.	"
Wrought iron Elbow	1	1/2"	pcs	19.	2.8	"
"	1	1/2"	"	14.	3.7	"
"	1	1/2"	"	5.	2.	"
"	1	1/2"	"	25.	18.	"
"	2	"	"	9.	11.	"
Wrought iron Socket	1	1/2"	"	20.	2.4	"
"	1	1/2"	"	15.	2.6	"
"	1	1/2"	"	10.	2.7	"
"	2	1/2"	"	25.	13.	"
"	2	1/2"	"	10.	7.7	"
"	2	1/2"	"	3.	4.	"
				(Total)	16429.25	kg

* List of Materials per tube at No. 5 Factory (Area 900)

	2 1/2"	"	10. 3.	7.7" 4. "	
			(Total)	16429.25kg	

* List of Materials per tube at No. 5 Factory (Area 900 tube)

Iron Flames		kgs	62.23
Item			
I	150 x 125 x 8.5		5.23
	125 x 65 x 6		7.09
I	350 x 150 x 9		33.21
I	200 x 150 x 9		4.03
I	150 x 75 x 5.5		9.27

T	75 x 75 x 6	2.08
L	50 x 50 x 6	1.32

Japanese Tile	pcs	80.	180 kg
Lumbers	BFS	71.6	71.9 kg

I t e m			
.66ft	x.16ft	x 16ft	bfs 19.9
.50	x.16	x 16	" 20.
.40	x.40	x 16	" 10.
.45	x.40	x 9	" 6.3
.30	x.20	x 6	" 1.4
.45	x.15	x 3	" 3
.35	x.15	x 5	" 1
.45	x. 5	x 6	" 5.3
.25	x.80	x 6	" 4.7

(Total) 314.13kg

* List of Material for tube at No.6 Factory (Area 240 tube)

Iron Flames		kgs	129.9
L	75 x 50 x 8	"	4.6

.35	x.15	x	5
.45	x. 5	x	6
.25	x.80	x	6

"	1	1. "
"	5.3	5.3"
"	4.7	4.7"
	(Total)	314.13kg

* List of Material for tubo at No.6
Factory (Area 240 tubo)

Iron Flames	kgs	129.9
L 75 x 50x 8	"	4.6
PL 23 x 9	"	2.6
I 100 x 230 x 7.5	"	7.3
I 75 x 125 x 5.5	"	3.8
L 50 x 50 x 6	"	19.1
L 90 x 90 x 10	"	24.3
L 100 x 75 x 10	"	13.1
L 65 x 65 x 6	"	8.8
L 45 x 45 x 6	"	14.4
L 50 x 45 x 5	"	7.6
150 x 75 x 6.5	"	27.9
Steel bar 19m/m	"	1.4

Lumbers	BFS	35.8	35.9 kg
---------	-----	------	---------

I t e m		
.45 x .45 x 12.-	BFS	33.5
.45 x .45 x 24.-	"	2.3

(Total)	165.80kg
---------	----------

(All Total	380,000.kg)
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NAME OF PLANT, LABORATORY, OR ARSENAL:

工場、研究所又ハ兵器廠ノ名稱 KAWANISHI KIKAI SEI SAKUSHO, LTD.

LOCATION:

所在地 1772, CHAEMBA-CHO, AKASHI.

SIGNATURE OF OWNER OR CUSTODIAN:

所有者又ハ管理人ノ署名

S. Takao (President)

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

Shimizu-gumi
Y. Yamagawa
Sigeo. Nakagawa

DATE: January 15, 1947.
日附

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 重 量	積 込 貨 車 數	狀 態	備 考

KAWANISHI KIKAI SEISAKUSHO, LTD., KOBE

Kobe, January 15, 1947

P E T I T I O N

On the termination of the war our former Akashi plant, now being designated as one of the objects of Reparations Plants Materials Survey, was reconverted into a manufacturing plant of Weights and Measures (one of our principal lines of business since establishment) obtaining permission from The 6th Army under date of November 26, 1946 and started manufacture, repair and sales of weights and Measures in December of same year under the title of the Yamato Seiko Co., Ltd., an independent concern instituted to take over our Weighing Machine Department.

Though the factory site and buildings still belong to us, repair of air raid damages sustained during the war was done by the Yamato Seiko Co., Ltd. The factory site and buildings together with all machinery and equipment were to be transferred to the Yamato Seiko Co., Ltd. on their establishment but the transfer was so far delayed on account of funds & other relations.

he desires.

* Owner or custodian to attach st
所有者又ハ管理人ハ必要ニ應ジ説
*** Describe as New, Good, or Poor
状態欄ニハ新品、良品、不良品ト記

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

MGP 37

NAME OF PLANT, LABORATORY,

工場、研究所又ハ兵器廠ノ

LOCATION:

所在地 1772, CHAEMBA-CHI

SIGNATURE OF OWNER OR CUSTODIAN

所有者又ハ管理人ノ署名

S. Taka

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PAGE 2 OF 2 PAGES

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DATE: January 15, 1947.

日附

REMARKS

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

775013

* Owner or custodian to attach statement if he desires.

所有者又ハ管理人ハ必要ニ應ジ説明書ヲ添付ノコト。

** Prefectural Japanese Liaison Officer to attach statement if he desires.

當該地區連絡官ハ必要ニ應ジ説明書ヲ添付ノコト。

*** Describe as New, Good, or Poor. "Good" will indicate "suitable for general use." "Poor" will indicate "not suitable for reuse."

状態欄ニハ新品、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。

Eight Army Printing Plant, Bangalore
8748

KAWANISHI KIKAI SEISAKUSHO, LTD., KOBE

Kobe, January 15, 1947

P E T I T I O N

On the termination of the war our former Akashi plant, now being designated as one of the objects of Reparations Plants Materials Survey, was reconverted into a manufacturing plant of Weights and Measures (one of our principal lines of business since establishment) obtaining permission from The 6th Army under date of November 26, 1946 and started manufacture, repair and sales of Weights and Measures in December of same year under the title of the Yamato Seiko Co., Ltd., an independent concern instituted to take over our Weighing Machine Department.

Though the factory site and buildings still belong to us, repair of air raid damages sustained during the war was done by the Yamato Seiko Co., Ltd. The factory site and buildings together with all machinery and equipment were to be transferred to the Yamato Seiko Co., Ltd. on their establishment but the transfer was so far delayed on account of funds & other relations.

Materials now on their hand were all purchased on their own account and are their property and that we consider they should certainly not an object of Reparations Plants Materials Survey now being enforced.

On recommendation of the Authorities concerned we have already submitted an application for removal from the list of reparations object. Such being the case, we solicit your kind consideration and favourable judgement.

Particulars of ownership relations are being noted in the column of remarks of the List of Reparations Plants Materials and particulars of appropriations of materials are as per statement of the Yamato Seiko Co., Ltd.

For KAWANISHI KIKAI SEISAKUSHO, LTD.

S. Takao
President

YAMATO SEIKO CO., LTD., AKASHI.

Akashi, January 18, 1947

DESCRIPTION

Relations between the Yamato Seiko Co., Ltd., and Kawanishi Kikai Seisakusho, Ltd., Akashi Plant, now being designated as one of the objects of Reparations Plants Materials Survey, are as under and we are definitely an independent concern from the latter in regard to management and materials.

1. History

On the termination of the war, Kawanishi Kikai Seisakusho, Ltd. with the object of extending productive capacity of Weights and Measures, one of their principal lines of business since establishment, reconverted their Akashi plant as a manufactory of Weights and Measures obtaining permission No. MG-123 under date of November 26, 1946 from the 6th Army.

Demands for Weights and Measures have greatly increased owing to damages and wear out during the war, while production is lagging far behind due to the diminish of production facilities by war fire. In view of pressing necessity of establishing a separate and specialized concern in the place of the Weighing Machine Department of Kobe plant which badly damaged by air raids, they have instituted the Yamato Seiko Co., Ltd., on December 1, 1946, to whom buildings and facilities of their Akashi plant were hired out, transferring at the same time machinery, equipment and all materials of their Weighing Machine Department. Thus Yamato Seiko Co., Ltd. started manufacture, repair and sales of Weights and Measures independently.

2. Description on the Industry.

The company have been ordered to produce 2696 "Health Meter" on Sep. 18th 1946 by PD JPNZ-1209, and doing best to complete the order by Feb. 28th 1947 in due time. And the company is having further order of 50 of 18-S-1190-888 Platform Portable with wheel. 500 lbs., and 50 of 2500 lbs. and at present preparing hard to obtain materials and to increase the employees.

For home demand, ever since the first operation in 1922 the company had been putting weight on production and Repairing of Weighing machineries, and production went up to ¥3,000,000 per annual at beginning of the war.

Actual production in Dec. 1946 was ¥1,100,000 and planned production in Jan. 1947 is to be ¥1,340,000.

And kind the products are special type weighing machines for fertilizer making, minning, ship building, chemical industry, milling and other food production, and also for small

YAMATO SEIKO CO., LTD., AKASHI

Page 2

scales for civilian use. The company received advance payments from principal customer for preparation of materials ~~as shown in Annex C.~~, and trying hard to get materials to meet the urgent demands.

As a principal producer of civilian goods the company was designated by Hyogo Prefecture on Dec. 16th 1946 for the production of Weighing machineries and is expected for the production to be greatly increased.

3. Materials.

Materials on hand were obtained through the following routes and are to be applied for the manufacture of weights and measures for Occupation Forces and general civilian use, particular of which are as per List of Materials of Reparations plant.

- a. Bought on quota for production to P.D. (for Allied Forces) and ready for it.
- b. Transferred from Weighing Machinery Department, Main plant, Kawanishi Kikai Seisakusho as stated above and being stored.
- c. Bought with advance payment ~~as stated in 2~~ and kept for the production.
- d. Bought from Asahi Glass Co., Ltd. and the other six companies, to be used for their orders.

4. Buildings and Equipments.

The buildings loaned from Kawanishi Kikai Seisakusho were bombed on 9th, 23rd, and 26th of June 1945 with high explosives, and on July 6th 1945 with fire bombs, and damaged by food on Oct. 9th 1945, approximately 70% of total buildings have been destroyed.

Soon after the company moved in, repairing of buildings have started and with cost of ¥1,567,499.55, approximately 85% have been completed at present.

R. Ono
Managing Director

INSTALLED MATERIALS AND SUPPLIES 施設済ノ資材

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

name of article	unit	Quantity	Weight	Estimated car-loads	Remarks
3450V 500A Disconnecting Switch	Set	6			Owned by: Yamato seiko go., Ltd., Using.
3450V 200A "	"	11			
3450 100A "	"	9			
3300V Lightning arrester	"	6			
3P-500A 3450V Oil Circuit Breaker	"	1			
3P-200A 3450V "	"	3	KG		
2P-200A 3450V "	"	1	240		
Current Transformer 300/5A	"	4			
" 100/5A	"	6			
" 50/5A	"	1			
Potential Transformer 3300/110V 200VA	"	1			
" 3300/110V 50VA	"	4			
Fuse Holder with enclosed Fuse	"	9	240 KG		
Ground Detector	"	1			
Watt Hour Meter 3 phase 110V	"	1			
Efficiency Detector	"	1	KG		
Watt Meter 0-1800	"	1	65		
Volt Meter 0-4500	"	1			
Ammeter 0-300 AMP.	"	3	65 KG		
" 0-100 A	"	9			
" 0-200 A	"	1	KG		
" 0-300 A	"	9	300		
Over Current Relay	"	2			
Emergency Release	"	2			
Transformer	"	1			

地方府縣米軍軍政府係官專用欄 FOR
 IS (NOT) AN ENEMY SURRENDERED
 IS () A REPARATION FACILITY.
 IS () PRODUCING FOR OCCUPAT
 IF SO, GIVE PROCUREMENT DEMAN
 REGARDING ORDERS FOR DEPEND
 JPNZ-1209

PLANT NO.: 13-59 SERI

IN BLANK SPACES.
 IS (NOT) PENDING TO REMOVE
 IS (NOT) PENDING FOR
 MACHINERY OR EQUIPMENT IN
 D BY REMOVAL OF ABOVE ITEM:
 edings prior
 reparations
 ill jeopardize
 quipment.

URE: Hyogo

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 () A REPARATION FACILITY.
 IS () PRODUCING FOR OCCUPATION FORCES.
 IF SO, GIVE PROCUREMENT DEMAND NUMBERS OR DATA REGARDING ORDERS FOR DEPENDENT HOUSING:
 JPNZ-1209

HAS (NOT) BEEN TURNED BACK TO HOME MINISTRY
 IS () OPERATING.
 ANY OBJECTION TO REMOVAL OF ABOVE ITEMS: *No, none on the part of this office. Plants application for exemption from reparations has been disapproved. Production of health scales is considered non-essential.*

CORRESPONDENCE OR ACTION IS (NOT) PENDING TO REMOVE PLANT FROM REPARATIONS LIST.
 CORRESPONDENCE OR ACTION IS (NOT) PENDING FOR () (CLOSING) THE PLANT.
 STATEMENT AS TO WHETHER MACHINERY OR EQUIPMENT IN PLANT WILL BE JEOPARDIZED BY REMOVAL OF ABOVE ITEM:
Removal of buildings prior to removal of reparations machinery will jeopardize reparations equipment.

PLANT NO.: 13-59 SERIAL NO. OF FORM: Hyge 33 DATE: 31 Jan. 1947 MIL GOVT OFFICER: Albert B. Halz, Jr. PREFECTURE: Hyogo

Name of article	unit	Quantity	Weight	Estimated car-loads	Remarks
3450V 500A Disconnecting Switch	Set	6			Ordered by: Yamato seiko co., Ltd., Using.
3450V 200A	"	11			
3450 100A	"	9			
3300V Lightning arrester	"	6			
3P-500A 3450V Oil Circuit Breaker	"	1			
3P-200A 3450V	"	3			
2P-200A 3450V	"	1	KG 240		
Current Transformer 300/5A	"	4			
100/5A	"	6			
50/5A	"	1			
Potential Transformer 3300/110V 200VA	"	1			
3300/110V 50VA Fuse Holder with enclosed Fuse	"	4			
Ground Detector	"	9		240 KG	
Watt Hour Meter 3 phase 110V	"	1			
Efficiency Detector	"	1			
Watt Meter 0-1800	"	1	KG 65		
Volt Meter 0-4500	"	1			
Ammeter 0-300 AMP.	"	3		65 KG	
0-100 A	"	9			
0-50A	"	1	KG 3000		
Over Current Relay	"	9			
Discharge reactor 3450V-300KV	EA.	2			
Single Phase Transformer 100KVA	Set	3		3000 KG	
Knife switch 3P 200A for switch Board	EA.	2			
" " 3P 300A	"	2	KG 143		
" " 2P 150A	"	2			

地方府縣米軍軍政府係官專用欄 FOR

IS (NOT) AN ENEMY SURRENDERED
IS () A REPARATION FACILITY.
IS () PRODUCING FOR OCCUPAT
IF SO, GIVE PROCUREMENT DEMAN
REGARDING ORDERS FOR DEPEND

JPNZ-1209

PLANT NO.: 13-59 SERI

ALL IN BLANK SPACES.

IS (NOT) PENDING TO REMOVE
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IS (NOT) PENDING FOR

MACHINERY OR EQUIPMENT IN
D BY REMOVAL OF ABOVE ITEM:

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repairs
will jeopardize
equipment.

URE: Hyogo

Single Phase Transformer 100KVA	Set	3	3000 KG
Knife switch 3P 200A for Switch Board	Set	2	} KG 143
" " 3P 300A	"	2	
" " 2P 150A	"	2	
Enclosed Fuse 200A	"	4	
" " 300A	"	1	
" " 150A	"	1	143 KG
Magnet switch 3P-30A	"	1	
" " 3P-60A	"	1	
" " 3P-100A	"	4	
Unit Cabinet for 6 circuits	Set	2	

Item	unit	quantity	Weight	Car Load	Remarks
Knife switch with Marble Plate 3P-400A 250V	Set	2	} 95 KG		
" " 3P-200A	"	1			
" " 3P-150A	"	1			
" " 3P-100A	"	1			
" " 3P-75A	"	1			
" " 3P-30A	"	1			
" " 2P-200A	"	1			
" " 2P-100A	"	1	} 992 KG		
Covered knife switch with Marble Plate 2P-100A Tongue switch	Set	4			
" " Plate	"	4			
Copper Bar 6mmx10mm	Mtr.	21.80	} 546 KG		
" " 5mmx5mm	"	11.62			
Electric wires No.4 100 sqr mm	"	76.50			
" " 60 " "	"	478			
" " 38 " "	"	69			
" " 22 " "	"	570			
" " 14 " "	"	320			
" " 8 " "	"	112	} 1778 KG		
" " 5.5 " "	"	240			
Conduit Tube 1.5 max32 mm	"	101			
" " 1.5 max19 mm	"	10			
" " 1.5mm x90 mm	"	17.20			
" " 1.5 max63 mm	"	8.60			
" Pipe 3 mm x45 mm	"	84.75			
Angle 150x50x5	"	6			
Channel C 70x150x70x5	"	3.20			
Marble board 500 max800 mm	Pc.	10			
" " 500 max700 mm	"	5			

"	"	1.5 mm x 16 mm	"	13		
"	"	1.5 mm x 50 mm	"	17.20		
"	"	1.5 mm x 63 mm	"	8.60		
"	Pipe	3 mm x 45 mm	"	84.75		
Angle		150x50x5	"	6		
Channel		70x150x70x5	"	3.20	1778 KG	
Marble board		500 mm x 800 mm	Pc.	10		
"	"	500 mm x 700 mm	"	5		
"	"	350 mm x 350 mm	"	1		
"	"	700 mm x 700 mm	"	1		
Marble board		700 mm x 800 mm	"	2		
Insulator		middle-size	"	140		
"		small size	"	22	1275 KG	
Branch insulator		M.S.	"	115		
"		S.S.	"	32		
Iron Pole		2 60x120x50x5 10 M	"	3		
Cord Pendant			"	166		
Bracket for out-door lamp			"	4		
Time Recorder			"	2		
Bulb		60W	"	29		
"		40W	"	24		
"		25W	"	1		
Drum Insulator			"	195		
Knife switch		3P 30A	"	4	322 KG	
Key socket			"	5		
Plug Fuse		20A	"	10		
"		15A	"	10		
Electric Wire		No.4 1.2 mm	Mtr.	80		
"		2.0 mm	"	600		
3 Phase Induction Motor		10 HP	Pa.	1		necessary material to use for the riveting compressor

item		unit	quantity	Car load	Remarks.
Rectifier	100V 50	Pa.	3		Rectifier
Bulb	100 CP	Pc.	420		Necessary material to use for automatic crane balance.
"	60 CP	"	50		Bulbs.
"	40 CP	"	55		Owned by Yamato necessary material
"	25 CP	"	101	1 BSW	

Name of Article	unit	quantity	Weight	estimated carload	Remarks.
Vertical steam boiler	set	1	25,000 KG.		Owned by Kawanishi Rating 120KG Hard to remove and transport
"	"	1	15,000 "		"

Name of article	unit	Quantity	Weight	estimated carload	Remarks.
vertical steam boiler	set	1	25,000	KG.	Owned by Kawanishi Rating 120M2 Hard to remove and transport
Cornish boiler	"	3	15,000	"	" "
Coal Sander w/2 HP motor	"	1	1,200	"	Necessary material for vertical steam B.
Blower w/7½ HP motor	"	1	2,000	"	" "
Washington Pump	"	3	2,500	"	Necessary material for Cornish Boiler.
Feeding Pump w/15 HP motor	"	1	1,500	"	" "
Valve cast iron w/flange 5" pressure 250 lbs.	"	2	400	"	Owned by Yamato Seiko Co
Valve, cast iron w/flange 2" Pressure 250 lbs.	"	1	30	"	" " "
Valve gun-metal w/flange 3" Pressure 250 lbs.	"	5	50	"	" " "
" " " " 2"	"	5	45	"	" " "
" " " " 1½"	"	12	10	"	" " "
" " " " 1"	"	2x3	5.5	"	" " "
" " " " ¾"	"	1	5	"	" " "
Stop Valve gun-metal pressure 250 lbs 2"	"	1	15	"	" " "
double Safety Valve 4"	"	1	150	"	" " "
Fire Hydrant Valve 3"	"	1	41	"	" " "
Pipe steel w/screw socket 5"	Mtr	23.77	390	"	" " "
" " " " 4"	"	42.06	625	"	" " "
" " " " 3"	"	38.10	360	"	" " "
" " " " 2½"	"	68.58	560	"	" " "
Pipe steel w/screw socket 2"	"	292.60	1700	"	" " "
" " " " 1½"	"	58	370	"	" " "
" " " " 1"	"	28.95	107	"	" " "
" " " " ¾"	"	21.33	56	"	" " "

Note: These equipments are ready for starting work, but on account of lack of fuel coal, being kept un-working.

name of article		unit	quantity	tonnage	car-loads.	Remarks:
No. 2 Boiler room					condition	
Iron Beam 8x60 152 Sqr Mtr		Beam	1	21.829 KG	Good	<i>135 kg. Agr. Mtr.</i> Owned by Kawanishi hard to remove
particulars as follows:						
L	150x90x12	Random Length	Mtr	8.60	185 KG	" Side Post "
"	120x70x8	" "	"	356	3809 "	" " "
"	130x100x9	" "	"	42	802 "	" Post
"	100x75x10	" "	"	141	1833 "	" for Truss
"	65x65x6	" "	"	490.15	2894 "	" for Bracing
"	50x50x4	" "	"	1169.90	3580 "	" Beam etc.
P	6 mm		Sqr Mtr	15.648	737	3. Web P
	8 "		" "	1.904	120	" "
	9 "		" "	8.200	571	" "
	12 "		" "	2.180	243	" etc.
I	180x100x6		Mtr	89.00	2100	Post
C	125x65x6		"	278.00	3725	for Pearling
Rivet	16 mm ϕ - 19 mm ϕ				1230	
Total -----				21.829 KG.		