

APO 500, 2 Apr 48.

To: Commanding General, Eighth Army, APO 343

1. The petition for exemption from reparations of the water supply facilities of the Iwakuni Fuel Depot arsenal, the Hikari Naval Arsenal, and the Tokuyama Fuel Depot is not favorably considered.

2. The temporary use of the subject facilities for the needs of the occupation on the basis of maintaining public health, safety, and welfare is approved.

By Command of General MacArthur:

1st J.F. Brad  
1st J.F. Brad  
Major: A  
Asst. Adj

Incls

w/d

Copy



500, 2 Apr 48.

Commanding General, Eighth Army, APO 343

The petition for exemption from reparations claims of water supply facilities of the Iwakuni Fuel Depot, an Army depot, the Hikari Naval Arsenal, and the Tokuyama Third Naval Depot is not favorably considered.

The temporary use of the subject facilities to meet needs of the occupation on the basis of maintenance of health, safety, and welfare is approved.

By Command of General MacArthur:

1st J.F. Bradshaw  
1st J.F. Bradshaw  
Major: AGD  
Asst. Adj. Gen.

cls  
w/d  
Copy



BASIC: Hq BCOF, CE Branch, RE: 9.46/1261, dtd 30 Oct 46, subj: Release of Store and Equipment in Reparations Factory.

1st Ind.

D/ JRF/lm

HIROSHIMA MILITARY GOVERNMENT TEAM, APO 317, Kure, Honshu, 21 November 1946

THROUGH: Chugoku Military Government Region, APO 317

TO : Commanding Officer, Yamaguchi Military Government Team, APO 317.

1. A matter pertaining to your command.

*Karl L. Springer*  
 KARL L. SPRINGER  
 Lt. Col., Inf.  
 Commanding

2nd Ind

D/EMN/ltn

CHUGOKU MILITARY GOVERNMENT REGION, APO 317, Kure, Honshu, 26 Nov 1946

TO: Commanding Officer, Yamaguchi Military Government Team, APO 317

BY ORDER OF COLONEL SNYDER:

*Edna B. Nance*  
 EDNA B. NANCE  
 Major, Inf.  
 Adjutant

5865  
 5690



Capt. Hirst: 3 Dec <sup>Hold</sup>  
all items listed  
hereon are either repar-  
ations or Home Ministry -  
Their status can be definitely  
ascertained only by identifying  
exactly which piping, etc, are being  
referred to in this letter. JJJ!





2666.12

CE Branch  
HEADQUARTERSBritish Commonwealth  
Occupation Force  
JAPAN

RE: 9.46/1261

30 Oct 46

*File  
Iwakuni*

Subject:

RELEASE OF STORE AND EQUIPMENT  
IN REPARATIONS FACTORY

Hiroshima Mil Govt Team  
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1. Herewith attached is list of stores and equipment located in the IWAKUNI FUEL FACTORY, OTAKE which is included in a reparations list.
2. The majority of the Engineer Stores are loose stock in the factory while a few items are salvageable from bomb wrecked buildings.
3. The equipment and machinery is required for installation in Troop Housing schemes and Workshops of the air force at IWAKUNI.
4. Request release of these materials and advise as to whether or not a procurement demand is required to cover the stores.

*J.M. McGowan*  
Col.  
(J.M. McGowan)  
CE BCOF

Copy to Mil Govt Liaison Section

FC5690

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SCHEDULE A  
 TO RE: 9.46/1261  
 OF 30 OCT 46

SCHEDULE OF ENGINEER MATERIALS REQUIRED FROM  
THE IWAKUNI FUEL FACTORY

<u>NOMENCLATURE</u>			<u>QUANTITY</u>
Steam Piping		1/2"	10,000 length
"	"	3/4"	15,000 "
"	"	1	15,000 "
"	"	1 1/4"	20,000 "
"	"	2	20,000 "
"	"	3	30,000 "
"	"	4	30,000 "
Valves		1/2"	3,000 each
"		3/4"	2,000 "
"	1	"	2,000 "
"	1	1/4"	2,000 "
"	2	"	1,000 "
"	4	"	1,000 "
Sheet Iron 6 x 3 Gauges 28 to 1/8"			10,000 sheets
Steam Packing - Graphite			1 cwt.
" " Asbestos			1 "
" " Pug			20 tons
Assorted Pipe Fittings			30 tons
Flat and Round Bar Steel (assorted sizes)			20 tons
Straw Rope			28 coils
Paint - Silver Frost			3 drums
" Black Frost			3 drums
" White Frost			3 drums
Steel Wire Brushes			1 box
Valve Plungers			1 box
Alphabet Stamps			1 set
Facing Plates			2 off
Lamp Stands (adjustable)			4 off
Pipe Tongs Chair Type			5 off
Heavy Blacksmith Vice			1 off

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- 2 -

<u>NOMENCLATURE</u>	<u>QUANTITY</u>
V Pulleys 6"	3 off
V Pulleys 3"	5 off
V Pulleys 12"	2 off
Spanners Open End (single) 1½" to 2¼"	22 off
Cable Trench (Concrete)	15 tons
Concrete Reinforcements	20 tons
Calcumite	30 boxes
Stainless Steel 4 x 8 x 1/8	1 sheet
Tar Paper	50 rolls
" "	50 rolls
Wire	120 rolls
Welding Rods	3 tons
Nuts and Bolts (assorted)	10 tons
Fire Bricks	50 tons
Pressure Reducing Valves	19

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SCHEDULE B  
 TO RE: 9.46/1261  
 OF 30 OCT 46

SCHEDULE OF ENGINEER EQUIPMENT AND MACHINERY REQUIRED  
 FROM THE IWAKUNI FUEL FACTORY.

<u>NOMENCLATURE</u>	<u>QUANTITY</u>
Electric Motors 1 to 3 H.P.	12 off
Lathe 10" Make-Kohan 400 (minus power unit)	1
Lathe 4" Make-R.P.C. (minus power unit)	1
Shaping Machine Make-The Nigato Eng. Wks. Ltd. Serial No. 718 (minus power unit)	1
Drilling Machine Make-Nil. S.N. - Nil	1
Milling Machine Make-Gasudenki (minus power unit)	1
Electric Motors 35 H.P.	3
Steel Towers 40 metres	6 off Release already requested.
Transformers 60 KVA	2
" 50 KVA	10
" 30 KVA	10
" 25 KVA	1
Electric Motors 5 H.P.	2
" " 3 H.P.	2
m Switch Boards	3

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RELEASED

YAMAGUCHI LOCAL OFFICE  
HIROSHIMA FINANCE BUREAU

10. March 1949

Subject : Application for release of Structure  
location Reparation Area.

TO : COMMANDING OFFICER,  
YAMAGUCHI MILITARY GOVERNMENT TEAM.

Sir,

We hereby respectfully request to you that the  
undermentioned subject structure may be released to  
Japanese Government.

45-5  
II.B

Item	Quantity	Location	Remarks
Structure (fire-brick)	37 tons	Iwakuni Ex-Army Fuel Depot L	These fire bricks were used for heating Furnace received considerable damage from air raids.
Structure (brick)	303 tons	"	These bricks were standed for protective wall of oil storage tanks bombed during War.
Total	340 tons		

APPROVED.  
11 March 1949

EUGENE M. TEN BYCK  
Economics Officer

*Ichiro Tsukamoto*  
Ichiro TSUKAMOTO  
Chief, Yamaguchi Local Office  
Hiroshima Finance Bureau







24 March, 1951

TO : Minister of Finance, Hayato Ikeda  
 FROM : Hachiro Kugimiya,  
 President of the Nippo Chemical Company Ltd.  
 SUBJECT: Petition to refrain from scrapping certain items in  
 the Iwakuni Ex-Army Fuel Depot.

## 1. References are:

- a). "Application for Conversion of Designated Reparation Plant" dated 31 March, 1950 to Minister of Finance from President of Nippo Chemical Co., Ltd.
- b). Memorandum to Minister of Finance authorization to scrap certain facilities, from CPC, GHQ, SCAP dated March 17, 1951.

2. Reference memorandum 1-b) above gives authority to the Minister of Finance to scrap certain facilities but requires that all salvable equipment be preserved. We wish to point out that on the list of equipment authorized for scrapping are certain items which were also requested for use by Nippo Chemical Industry Co., Ltd. in reference 1-a) above. In addition to these there are some items desired by this company among those on the scrap list, because they are made of special steel.

Attached list is the items of equipment desired by Nippo Chemical Industry Co., Ltd. among the equipment authorized for scrapping.

3. It is respectfully petitioned that the items on the inclosed list not be scrapped, but instead be made available for use by Nippo Chemical Industry Co., Ltd.

Nippo Chemical Industry Co., Ltd.

*H. Kugimiya*  
 Hachiro Kugimiya  
 President

45-5  
 Sent via



Inclosure

EQUIPMENTS  
 DESIRED BY  
 NIPPO CHEMICAL INDUSTRY CO., LTD.  
 (Picked out from scrap list)

<u>Inventory No.</u>	<u>Name of Machine</u>	<u>Remarks</u>
45-5-17(1)	Polymerization Column	Holed by bomb-splinter
45-5-17(27)	Hydrogenation Column	Burnt & bomb-splinter holed.
45-5-17(29)	do.	do.
45-5-11F11	Blower	Has holes by bomb splinter
45-5-25F11	Rotary Washer	Casing bomb-holed.
45-5-27F11	do.	Has holes by bomb splinter.
45-5-44(181)	Transformer	Coil missing & case splinter-holed.
45-5-47(102)	do.	Bomb damaged.
45-5-188F4	Over-head Travelling Crane	Angle deformed & damaged by bomb; limit magnet, brake & gear missing.
45-5-76F5	Gas Holder	Bomb-damaged.
45-5-21(45)	Plunger Pump	Cylinder bomb-damaged.
45-5-22(35)	Box Condenser	Bomb-damaged; pipe broken.
45-5-24(22)	Gas Cooler	Bomb-holed & burnt.
45-5-24(23)	do.	do.
45-5-11(39)	Heat Exchanger	Splinter holed & burnt.
45-5-11(55)	do.	do.
45-5-11(117)	Melting Salt Cooler	Broken by bomb.
45-5-11(118)	do.	Broken by bomb & has holes.
45-5-11(1)	Reactor	do.
45-5-11(2)	do.	do.
45-5-11(3)	do.	do.



<u>Inventory No.</u>	<u>Name of Machine</u>	<u>Remarks</u>
45-5-11(4)	Reactor	Broken by bomb & has holes.
45-5-11(5)	CO Converter	Splinter holed.
45-5-11(105)	Pressure Gas Burner	Bomb holed.
45-5-11(106)	do.	do.
45-5-11(129)	Steel Structure	Bombed & damaged; not evaluated.
45-5-11(374)	Automatic Valve(250 mm)	Cylinder broken.
45-5-11(375)	do.	do.
45-5-11(397)	do.	Arm broken.
45-5-11(398)	Automatic Valve(200 mm)	do.
45-5-11(409)	do.	Arm cracked.
45-5-11(410)	Automatic Valve(250 mm)	do.
45-5-11(412)	Automatic Valve(200 mm)	do.
@45-5-M1879	Welded Pipe OD: 272mm, L: 687 m	11% cracked.
@45-5-M1882	Welded Pipe OD: 212mm, L: 75m	33% "
@45-5-M1885	Welded Pipe OD: 170mm, L: 58m	17% broken
45-5-12F11	Induction Motor	Entirely broken.
45-5-13F11	Blower	do.
45-5-17F11	Gas Cooling and Washing Tower	Top bomb damaged & holed.
45-5-26F11	Induction Motor	Bomb damaged.
45-5-22(14)	Evaporator	Burnt and has many bomb holes.
45-5-20(1)	De-ethanizer	Burnt and bomb holed.
45-5-20(2)	Depropanizer	do.
45-5-17(4)	De-butanizer	do.
45-5-11(29)	Heat Exchanger	Burnt.
45-5-11(30)	do.	do.



<u>Inventory No.</u>	<u>Name of Machine</u>	<u>Remarks</u>
45-5-11(38)	Heat Exchanger	Burnt.
45-5-11(47)	do.	do.
45-5-11(51)	do.	do.
45-5-11(52)	do.	do.
45-5-11(53)	do.	do.
45-5-11(54)	do.	do.
45-5-11(56)	do.	do.
45-5-11(57)	do.	do.
45-5-11(60)	do.	do.
45-5-934	Furnace for Heavy Oil	Broken; roof missing; brick-work.
45-5-13(1)	Pipe Still Furnace	Brick-work; roof damaged.
Total: -----57 Items		

NOTE: Sign @ shows item number instead of inventory number.



CHUGOKU

MAR 19 1951

INFORMATION:

O.D. 11

*Handwritten initials*

CAS

ECONOMICS	
CHIEF	
D.&I	
N.R.	
LABOR	
FILE	

CIVIL PROPERTY CUSTODIAN  
APO 500

1007.6(17 MAR 1951) CPG/AD

17 MAR 1951

MEMORANDUM FOR: Reparations Division, Reparations Agency, Japanese Government, Tokyo, Japan

SUBJECT: Release of Reparations Equipment Located at Plant Code No. 45-05

1. The items of reparations equipment listed on inclosure 1 are released as melt down scrap with the provision that all salvable components be retained.
2. It is directed that a report be submitted to the Civil Property Custodian, General Headquarters, Supreme Commander for the Allied Powers within ninety (90) days from the date of this memorandum showing the disposition of the equipment released.

1 Incl  
List of Equip

F.B. GILLETTE  
Colonel, Infantry  
Custodian

DISTR:  
CHS (2)  
ESS  
CAS

45-5  
DE TIC  
FILE



MAR 20 1951

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45	5	IWAKUNI EX-ARMY FUEL	
45	5	DEPOT	
45	5	557 HEAT EXCHANGER	31950000
45	5	564 TANK BOILER WATER	25116000
45	5	554 HEAT EXCHANGER	31950000
45	5	35-9 COMPRESSOR	31210000
45	5	18-73 TANK CRUDE STORAGE	25116000
45	5	18-74 TANK CRUDE STORAGE	25116000
0 45	5	17-1 POLYMERIZATION COLUMN	33970000
0 45	5	17-27 HYDROGENATION COLUMN	33970000
0 45	5	17-29 HYDROGENATION COLUMN	33970000
45	5	1075 REFLEX TANK	25116000
45	5	12-6 FUEL TANK	25116000
45	5	12-7 FUEL TANK	25116000
45	5	11-31 HEAT EXCHANGER	31950000
45	5	11-34 HEAT EXCHANGER	31950000
45	5	11-36 HEAT EXCHANGER	31950000
45	5	11-43 HEAT EXCHANGER	31950000
45	5	11-45 HEAT EXCHANGER	31950000
45	5	11-46 HEAT EXCHANGER	31950000
45	5	11-48 HEAT EXCHANGER	31950000
45	5	11-35 HEAT EXCHANGER	31950000

0 indicates items requested for deletion from Scrap List



45	5	11-61	HEAT EXCHANGER	31950000
45	5	11-6	1ST FRACT TOWER	33970000
45	5	11-13	TANK CRUDE OIL MIXNG	25116000
45	5	11-22	PROPAN RECEIVER	25116000
45	5	11-25	GASOLINE RECEIVER	25116000
45	5	11-26	GASOLINE RECEIVER	25116000
45	5	11-79	CAUSTIC DILUTNG TANK	25116000
45	5	11-80	CAUSTIC MIDWAY TANK	25116000
45	5	11-90	LARGE SEPARATOR	31991000
45	5	11-91	LARGE SEPARATOR	31991000
45	5	11-95	CAUSTIC BLOW CASE	25190000
45	5	11-96	CAUSTIC BLOW CASE	25190000
45	5	11-97	CAUSTIC REGENRT TWR	33970000
45	5	11-98	CAUSTIC REGENRT TWR	33970000
45	5	11-99	AIR ACCUMULATOR	25116000
45	5	11-156	WATER GAS ACCUMULATR	25116000
45	5	199F1	DRUM CLEANING	33990000
45	5	501-105	INDUCTION MOTOR	32130000
45	5	202	SHEARING	34440000
45	5	199	HEAVY OIL FURNACE	34750000
45	5	2-F17	WORTHINGTON PUMP	31220000
45	5	168F9	LOW PRESSURE COOLER	52923000



45	5	169F9	LOW PRESSURE COOLER	52923000
45	5	170F9	LOW PRESSURE COOLER	52923000
45	5	176F9	REACTION TOWER	31950000
45	5	177F9	REACTION TOWER	31950000
45	5	178F9	REACTION TOWER	31950000
45	5	196F9	HIGH PRESSURE COOLER	52923000
45	5	197F9	HIGH PRESSURE COOLER	52923000
45	5	54F6	MEASURING TANK	25116000
45	5	55F6	MEASURING TANK	25116000
45	5	56F6	MEASURING TANK	25116000
45	5	78F9	BUTHYLENE TANK	25116000
45	5	79F9	BUTHYLENE TANK	25116000
45	5	80F9	BUTHYLENE TANK	25116000
45	5	81F9	BUTHYLENE TANK	25116000
45	5	82F9	BUTHYLENE TANK	25116000
45	5	73F10	POLYMERIZATION TANK	25116000
45	5	74F10	POLYMERIZATION TANK	25116000
45	5	78F10	CONDENSOR	52732000
45	5	87F10	CONDENSOR	52732000
45	5	89F10	CONDENSOR	52732000
45	5	90F10	CONDENSOR	52732000
45	5	91F10	CONDENSOR	52732000



45	5	92F10 CONDENSOR	52732000
45	5	93F10 STAGING F CONDENSOR	25190000
○ 45	5	11F11 BLOWER	31710000
45	5	16F11 GAS COOLNG-WASHG TWR	52732000
○ 45	5	25F11 ROTARY WASHER	39111000
○ 45	5	27F11 ROTARY WASHER	39111000
45	5	501-40 METER BOARD	32210000
45	5	15-15 SIDE CUT COOLER	52923000
45	5	15-1 VACUUM DISTILLATION	58512000
45	5	15-3 REFRACTION TOWER	31950000
45	5	15-4 WASHED OIL RECEIVER	25116000
○ 45	5	44-1B1 TRANSFORMER	32220000
45	5	290F3 BATTERY	32910000
45	5	49-95 ROTARY GRANOLE TABLT	33970000
45	5	49-96 ROTARY GRANOLE TABLT	33970000
45	5	555 TANK	25116000
45	5	563 TANK	25116000
45	5	287F4 MAGNETIC SWITCH	32210000
45	5	109F2 TANK	25116000
45	5	897 WORTHINGTON PUMP	31220000
45	5	35-41 CONTROL BOARD	32210000
45	5	35-42 CONTROL BOARD	32210000



45	5	35-43 CONTROL BOARD	32210000
45	5	35-44 METER BOARD	32210000
45	5	35-45 METER BOARD	32210000
45	5	35-46 METER BOARD	32210000
45	5	35-47 METER BOARD	32210000
45	5	35-48 CONTROL BOARD	32210000
45	5	35-49 CONTROL BOARD	32210000
45	5	35-50 CONTROL BOARD	32210000
45	5	35-51 CONTROL BOARD	32210000
45	5	35-52 CONTROLLER	32210000
45	5	35-53 CONTROLLER	32210000
45	5	35-54 CONTROLLER	32210000
45	5	35-55 CONTROLLER	32210000
45	5	19-12 OIL SWITCH	32550000
45	5	219F1 REDUCER	31810000
45	5	487 SMALL TYPE BOILER	25320000
45	5	359 ENGINE LATHE	34161000
45	5	360 ENGINE LATHE	34161000
45	5	381 SAND BLAST	33725000
45	5	542 VOLUTE PUMP	31220000
45	5	504 GRINVER RECTIFIER	32310000
45	5	540 REFRIGERATING BOX	32310000

2



45	5	541 REFRIGERATING BOX	32310000
45	5	378 HACK SAW	34195000
45	5	411 FAN	31710000
45	5	18-43 GAS COMPRESSOR	31210000
45	5	14-58 CENTRIFUGAL PUMP	31220000
45	5	157F10 MAGNET SWITCH	32210000
45	5	158F10 MAGNET SWITCH	32210000
45	5	187F10 METER BOARD	32210000
45	5	73F5 OVRHEAD TRAVLL CRANE	31520000
45	5	10F10 PLATFORM SCALE	39410000
45	5	141 GRINDER	34150000
45	5	142 GRINDER	34150000
45	5	130 LATHE	34161000
45	5	131 LATHE	34161000
45	5	132 LATHE	34161000
45	5	133 LATHE	34161000
45	5	290 FAN	31710000
45	5	42-136 ELEVATOR	31920000
45	5	42-106 BUCKET CARRIER	31620000
45	5	42-107 BUCKET CARRIER	31620000
45	5	42-108 BUCKET CARRIER	31620000
45	5	6F10 GUM CUTTER	34440000



45	5	7F10 GUM CUTTER	34440000
45	5	8F10 GUM CUTTER	34440000
45	5	9F10 GUM CUTTER	34440000
45	5	42-159 FILTER PRESS	31981000
45	5	42-160 FILTER PRESS	31981000
45	5	42-161 FILTER PRESS	31981000
45	5	42-162 FILTER PRESS	31981000
45	5	501-15 CHAIN STOKER	51710000
45	5	501-78 CHAIN STOKER	51710000
45	5	501-16 CHAIN STOKER	51710000
45	5	501-79 CHAIN STOKER	51710000
45	5	501-87 FIRE GRATE	51740000
45	5	501-88 FIRE GRATE	51740000
45	5	501-89 FIRE GRATE	51740000
45	5	501-90 FIRE GRATE	51740000
45	5	501-91 CHAIN	51790000
45	5	501-92 CHAIN	51790000
45	5	501-93 CHAIN	51790000
45	5	501-94 CHAIN	51790000
45	5	501-95 RAIL FOR FIRE GRATE	22380000
45	5	501-96 RAIL FOR FIRE GRATE	22380000
45	5	501-97 RAIL FOR FIRE GRATE	22380000



45	5	501-98	RAIL FOR FIRE GRATE	22380000
45	5	501-99	FRAME FOR STOKER	51710000
45	5	501-100	COVER FOR HOPPER	25190000
45	5	599	FAN	31710000
45	5	600	FAN	31710000
45	5	601	FAN	31710000
45	5	602	FAN	31710000
45	5	603	FAN	31710000
45	5	604	FAN	31710000
45	5	501-60	FAN	31710000
45	5	501-61	FAN	31710000
45	5	501-62	FAN	31710000
45	5	501-63	FAN	31710000
45	5	501-64	FAN	31710000
45	5	501-65	FAN	31710000
45	5	501-66	FAN	31710000
45	5	501-67	FAN	31710000
45	5	501-47	RESISTOR	41820000
45	5	501-50	METER BOARD	32210000
45	5	501-45	SWITCHBOARD	32210000
45	5	501-43	METER BOARD	32210000
45	5	501-41	CIRCUIT BREAKER	32210000



45	5	501-42	CIRCUIT BREAKER	32210000
45	5	501-39	OIL CIRCUIT BREAKER	32210000
45	5	501-44	SWITCHBOARD	32210000
0 45	5	47-102	TRANSFORMER	32220000
0 45	5	1757	WALL FAN	31710000
45	5	188F4	OVRHD TRAVLLNG CRANE	31520000
45	5	192F4	INDUCTION MOTOR	32130000
45	5	216F4	MECHANICAL BRAKE	45630000
45	5	70F5	INSTRUMENT BOARD	32210000
45	5	128F5	GAS BLOWER	31710000
45	5	129F5	INDUCTION MOTOR	32130000
45	5	130F5	GAS BLOWER	31710000
45	5	131F5	INDUCTION MOTOR	32130000
45	5	203F5	OIL SWITCH	32210000
45	5	204F5	OIL SWITCH	32210000
45	5	327F5	TURBINE PUMP	31220000
45	5	328F5	TURBINE PUMP	31220000
0 45	5	76F5	GAS HOLDER	33970000
0 45	5	198F5	GAS HOLDER	33970000
45	5	22-36	CONDENSOR	52732000
45	5	23-25	DUST STRAINER	31730000
45	5	23-26	DUST STRAINER	31730000



45	5	23-27 DUST STRAINER	31730000
45	5	23-28 DUST STRAINER	31730000
45	5	1001 CONDENSOR	52732000
○ 45	5	21-45 PLUNGER PUMP	31220000
○ 45	5	22-35 BOX CONDENSOR	52732000
45	5	22-8 WATER SEPARATOR	31991000
45	5	22-9 WATER SEPARATOR	31991000
45	5	22-37 BOX CONDENSOR	52732000
45	5	22-38 BOX CONDENSOR	52732000
45	5	23-3 REACTION CHAMBER	33739000
45	5	23-4 REACTION CHAMBER	33739000
45	5	23-5 REACTION CHAMBER	33739000
45	5	23-6 REACTION CHAMBER	33739000
45	5	23-33 AIR RECEIVER	25116000
45	5	23-9 OIL RECEIVER	25116000
○ 45	5	24-22 GAS COOLER	52923000
○ 45	5	24-23 GAS COOLER	52923000
45	5	22-48 SODA TANK	25116000
45	5	23-23 GAS DISCHARGING TOWER	33970000
45	5	23-1 REACTOR	31950000
45	5	23-2 REACTOR	31950000
45	5	22-10 WATER SEPARATOR	31991000

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45	5	23-8 TANK TEMPERATURE	25116000
45	5	23-10 HEAT EXCHANGER	31950000
45	5	23-11 HEAT EXCHANGER	31950000
45	5	23-12 HEAT EXCHANGER	31950000
45	5	23-15 HEAT EXCHANGER	31950000
45	5	23-40 GAS SEPARATOR	31991000
45	5	23-41 GAS DISCHARG COLUMN	33970000
45	5	24-24 GAS COOLER	52923000
45	5	1011 GATE VALVE 8 INCH	31962000
45	5	1012 GATE VALVE 8 INCH	31962000
45	5	1013 GATE VALVE 8 INCH	31962000
45	5	1014 GATE VALVE 8 INCH	31962000
45	5	1015 GATE VALVE .8 INCH	31962000
45	5	1016 GATE VALVE 8 INCH	31962000
45	5	1017 GATE VALVE 8 INCH	31962000
45	5	1018 GATE VALVE 8 INCH	31962000
45	5	1019 GATE VALVE 8 INCH	31962000
45	5	1020 GATE VALVE 8 INCH	31962000
45	5	1021 GATE VALVE 8 INCH	31962000
45	5	1022 GATE VALVE 8 INCH	31962000
45	5	1023 GATE VALVE 8 INCH	31962000
45	5	1024 GATE VALVE 8 INCH	31962000



45	5	1025	GATE VALVE 8 INCH	31962000
45	5	1026	GATE VALVE 8 INCH	31962000
45	5	1027	GATE VALVE 8 INCH	31962000
45	5	1028	GATE VALVE 8 INCH	31962000
45	5	1029	GATE VALVE 8 INCH	31962000
45	5	1030	GATE VALVE 8 INCH	31962000
45	5	1031	GATE VALVE 8 INCH	31962000
45	5	1032	GATE VALVE 8 INCH	31962000
45	5	1033	GATE VALVE 8 INCH	31962000
45	5	1034	GATE VALVE 8 INCH	31962000
45	5	1035	GATE VALVE 8 INCH	31962000
45	5	1057	GATE VALVE 6 INCH	31962000
45	5	1058	GATE VALVE 6 INCH	31962000
45	5	1059	GATE VALVE 6 INCH	31962000
45	5	1060	GATE VALVE 6 INCH	31962000
45	5	1061	GATE VALVE 6 INCH	31962000
45	5	1062	GATE VALVE 6 INCH	31962000
45	5	1063	GATE VALVE 6 INCH	31962000
45	5	1064	GATE VALVE 6 INCH	31962000
45	5	1065	GATE VALVE 6 INCH	31962000
45	5	1066	GATE VALVE 6 INCH	31962000
45	5	1067	GATE VALVE 6 INCH	31962000



45	5	1068 GATE VALVE 6 INCH	31962000
45	5	1069 GATE VALVE 6 INCH	31962000
45	5	1070 GATE VALVE 6 INCH	31962000
45	5	1071 GATE VALVE 6 INCH	31962000
45	5	1072 GATE VALVE 6 INCH	31962000
45	5	1073 GATE VALVE 6 INCH	31962000
45	5	7-41 CONDENSOR	52732000
45	5	7-51 TANK	25116000
45	5	35-60 INDUCTION MOTOR	32130000
45	5	19-15 REACTION CHAMBER	31950000
45	5	19-16 REACTION CHAMBER	31950000
45	5	19-20 PRODUCT TANK	25116000
45	5	19-21 PRODUCT TANK	25116000
45	5	19-22 PRODUCT TANK	25116000
45	5	10F13 FUEL OIL TANK	25116000
45	5	11F13 FUEL OIL TANK	25116000
45	5	25F13 FEED WATER TANK	25116000
45	5	27F13 BLEND TANK	25116000
45	5	18-72 SODA STORAGE TANK	25116000
45	5	20-18 STORAGE TANK	25116000
45	5	20-19 STORAGE TANK	25116000
45	5	20-20 STORAGE TANK	25116000



45	5	20-21	STORAGE TANK	25116000
45	5	20-22	STORAGE TANK	25116000
45	5	11-155	COMPRESSOR	31210000
45	5	11-157	PUMP	31220000
45	5	11-223	SLUICE VALVE 250 MM	31960000
45	5	11-224	SLUICE VALVE 250 MM	31960000
45	5	11-225	SLUICE VALVE 250 MM	31960000
45	5	11-226	SLUICE VALVE 250 MM	31960000
45	5	11-227	SLUICE VALVE 300 MM	31960000
45	5	11-228	SLUICE VALVE 300 MM	31960000
45	5	11-230	SLUICE VALVE 250 MM	31960000
45	5	11-231	SLUICE VALVE 250 MM	31960000
45	5	11-233	SLUICE VALVE 150 MM	31960000
45	5	11-234	SLUICE VALVE 150 MM	31960000
45	5	11-236	SLUICE VALVE 150 MM	31960000
45	5	11-239	SLUICE VALVE 150 MM	31960000
45	5	12-8	STABILIZER	33970000
45	5	12-4	ABSORBER	33970000
45	5	12-5	ABSORBER	33970000
45	5	1076	STEEL STRUCTURE	25190000
45	5	11-14	FRACTIONATER REBOILR	33970000
45	5	11-15	DE-PROPANIZR REBOILR	33970000



45	5	11-210	HEAT EXCHANGER	31950000
45	5	11-32	HEAT EXCHANGER	31950000
45	5	11-33	HEAT EXCHANGER	31950000
45	5	11-37	HEAT EXCHANGER	31950000
○ 45	5	11-39	HEAT EXCHANGER	31950000
45	5	11-40	HEAT EXCHANGER	31950000
45	5	11-41	HEAT EXCHANGER	31950000
45	5	11-42	HEAT EXCHANGER	31950000
45	5	11-44	HEAT EXCHANGER	31950000
45	5	11-49	HEAT EXCHANGER	31950000
45	5	11-50	HEAT EXCHANGER	31950000
○ 45	5	11-55	HEAT EXCHANGER	31950000
45	5	11-58	HEAT EXCHANGER	31950000
45	5	11-59	HEAT EXCHANGER	31950000
45	5	11-66	AIR PREHEATER	51370000
○ 45	5	11-117	MELTING SALT COOLER	52923000
○ 45	5	11-118	MELTING SALT COOLER	52923000
45	5	11-119	MELTING SALT COOLER	52923000
○ 45	5	11-1	REACTOR	31950000
○ 45	5	11-2	REACTOR	31950000
○ 45	5	11-3	REACTOR	31950000
○ 45	5	11-4	REACTOR	31950000



45	5	11-201 REACTOR	31950000
45	5	11-202 REACTOR	31950000
45	5	11-203 REACTOR	31950000
0 45	5	11-5 CO CONVERTER	33970000
45	5	11-7 FRACTIONATING TOWER	33970000
45	5	11-8 TAR SEPARATOR	31991000
45	5	11-9 ARRESTER	32241000
45	5	11-11 FRACTIONATING TOWER	33970000
45	5	11-12 FRACTIONATING TOWER	33970000
45	5	11-17 DEPROPANIZER	33970000
45	5	11-19 ABSORBER	33970000
45	5	11-77 CAUSTIC CRUDE TANK	25116000
45	5	11-78 CAUSTIC DILUTING TANK	25116000
45	5	11-92 SETTING TANK	25116000
45	5	11-93 SETTING TANK	25116000
45	5	11-153 SUCTION TANK	25116000
45	5	11-27 OIL VAPOR-AIR STRAHR	33970000
45	5	11-28 OIL VAPOR-AIR STRAHR	33970000
0 45	5	11-105 PRESSURE GAS BURNER	51730000
0 45	5	11-106 PRESSURE GAS BURNER	51730000
0 45	5	11-129 STEEL STRUCTURE	25190000
45	5	11-16 DE-PROPANE TOWER	33970000



45	5	11-360	SLUICE VALVE	250 MM	31960000
45	5	11-361	SLUICE VALVE	250 MM	31960000
45	5	11-362	SLUICE VALVE	250 MM	31960000
45	5	11-363	SLUICE VALVE	250 MM	31960000
45	5	11-364	SLUICE VALVE	250 MM	31960000
45	5	11-365	SLUICE VALVE	250 MM	31960000
45	5	11-367	SLUICE VALVE	250 MM	31960000
45	5	11-368	SLUICE VALVE	250 MM	31960000
45	5	11-369	SLUICE VALVE	250 MM	31960000
45	5	11-370	SLUICE VALVE	250 MM	31960000
45	5	11-371	SLUICE VALVE	150 MM	31960000
45	5	11-372	SLUICE VALVE	250 MM	31960000
o 45	5	11-374	AUTOMATIC VALVE		31960000
o 45	5	11-375	AUTOMATIC VALVE		31960000
45	5	11-377	SLUICE VALVE	250 MM	31960000
45	5	11-378	SLUICE VALVE	250 MM	31960000
45	5	11-387	SLUICE VALVE	300 MM	31960000
45	5	11-390	SLUICE VALVE	300 MM	31960000
45	5	11-392	SLUICE VALVE	300 MM	31960000
45	5	11-393	SLUICE VALVE	300 MM	31960000
45	5	11-394	SLUICE VALVE	300 MM	31960000
45	5	11-395	SLUICE VALVE	300 MM	31960000



45	5	11-396	SLUICE VALVE 300 MM	31960000
0 45	5	11-397	AUTOMATIC VALVE	31960000
0 45	5	11-398	AUTOMATIC VALVE	31960000
45	5	11-399	SLUICE VALVE 200 MM	31960000
45	5	11-404	SLUICE VALVE 200 MM	31960000
45	5	11-408	SLUICE VALVE 200 MM	31960000
0 45	5	11-409	AUTOMATIC VALVE	31960000
0 45	5	11-410	AUTOMATIC VALVE	31960000
0 45	5	11-412	AUTOMATIC VALVE	31960000
45	5	11-413	SLUICE VALVE 250 MM	31960000
45	5	11-414	SLUICE VALVE 250 MM	31960000
45	5	11-417	SLUICE VALVE 250 MM	31960000
45	5	11-419	SLUICE VALVE 300 MM	31960000
45	5	11-420	SLUICE VALVE 250 MM	31960000
45	5	11-421	SLUICE VALVE 250 MM	31960000
45	5	11-422	SLUICE VALVE 250 MM	31960000
45	5	11-426	SLUICE VALVE 200 MM	31960000
45	5	11-427	SLUICE VALVE 150 MM	31960000
45	5	11-429	SLUICE VALVE 200 MM	31960000
45	5	11-431	SLUICE VALVE 200 MM	31960000
45	5	11-447	SLUICE VALVE 250 MM	31960000
45	5	11-453	SLUICE VALVE 300 MM	31960000



45	5	11-456	SLUICE VALVE 250 MM	31960000
45	5	11-461	SLUICE VALVE 250 MM	31960000
45	5	11-497	SLUICE VALVE 250 MM	31960000
45	5	11-510	SLUICE VALVE 400 MM	31960000
45	5	11-511	SLUICE VALVE 400 MM	31960000
45	5	11-512	SLUICE VALVE 400 MM	31960000
45	5	11-537	SLUICE VALVE 400 MM	31960000
45	5	11-538	SLUICE VALVE 250 MM	31960000
45	5	11-547	SLUICE VALVE 150 MM	31960000
45	5	11-548	SLUICE VALVE 150 MM	31960000
45	5	11-550	SLUICE VALVE 150 MM	31960000
45	5	11-552	SLUICE VALVE 150 MM	31960000
45	5	11-553	SLUICE VALVE 150 MM	31960000
45	5	11-554	SLUICE VALVE 150 MM	31960000
45	5	11-555	SLUICE VALVE 150 MM	31960000
45	5	M1875	DRAWN PIPE 314 MM	22410000
45	5	M1878	DRAWN PIPE 264 MM	22410000
○45	5	M1879	WELDED PIPE 272 MM	22410000
45	5	M1880	GAS PIPE 250 MM	22410000
45	5	M1881	DRAWN PIPE 215 MM	22410000
○45	5	M1882	WELDED PIPE 212 MM	22410000
45	5	M1884	WELDED PIPE 160 MM	22410000



0	45	5	M1885 WELDED PIPE 170 MM	22410000
	45	5	M1886 GAS PIPE 150 MM	22410000
	45	5	M1888 GAS PIPE 100 MM	22410000
	45	5	M1889 DRAWN PIPE 109 MM	22410000
	45	5	M1891 GAS PIPE 75 MM	22410000
	45	5	M1892 DRAWN PIPE 62 MM	22410000
	45	5	M1893 GAS PIPE 50 MM	22410000
	45	5	M1895 GAS PIPE 35 MM	22410000
	45	5	M1896 DRAWN PIPE 43 MM	22410000
	45	5	12-1 FRACTIONATOR	33970000
	45	5	12-2 FRACTIONATING TOWER	33970000
	45	5	12-3 GAS SEPARATOR	31991000
	45	5	12-11 STEEL STRUCTURE	25190000
	45	5	255F1 DRUM CONVEYOR	31490000
	45	5	197 WELDING HYDROGEN GAS	34520000
	45	5	387 CRUSHER	31310000
	45	5	388 CRUSHER	31310000
	45	5	11-136 TURBINE PUMP	31220000
	45	5	11-137 TURBINE PUMP	31220000
	45	5	11-166 WORTHINGTON PUMP	31220000
	45	5	11-180 WORTHINGTON PUMP	31220000
	45	5	11-192 WORTHINGTON PUMP	31220000



45	5	14-36	WORTHINGTON PUMP	31220000
45	5	14-37	WORTHINGTON PUMP	31220000
45	5	14-50	CENTRIFUGAL PUMP	31220000
45	5	14-47	CRUSHER	31310000
45	5	16-20	WORTHINGTON PUMP	31220000
45	5	16-19	WORTHINGTON PUMP	31220000
45	5	16-18	WORTHINGTON PUMP	31220000
45	5	24-15	WORTHINGTON PUMP	31220000
45	5	110F9	SWITCHBOARD	32210000
45	5	143F9	HEAT EXCHANGER	31950000
45	5	144F9	HEAT EXCHANGER	31950000
45	5	145F9	HEAT EXCHANGER	31950000
45	5	146F9	EVAPORATOR	58512000
45	5	147F9	EVAPORATOR	58512000
45	5	162F9	REACTING FURNACE	33739000
45	5	163F9	REACTING FURNACE	33739000
45	5	164F9	REACTING FURNACE	33739000
45	5	182F9	ACID TANK	25116000
45	5	183F9	ACID TANK	25116000
45	5	190F9	TURBINE PUMP	31220000
45	5	227F9	SWITCHBOARD	32210000
45	5	532	INDUCTION MOTOR.	32130000

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45	5	567 TIGHTENING	33970000
45	5	224F9 COMPRESSED AIR TANK	25116000
○ 45	5	12F11 INDUCTION MOTOR	32130000
○ 45	5	13F11 BLOWER	31710000
45	5	14F11 INDUCTION MOTOR	32130000
○ 45	5	17F11 GAS COOLNG-WASNG TWR	33970000
45	5	23F11 WATER SEAL TANK	25116000
45	5	24F11 INDUCTION MOTOR	32130000
○ 45	5	26F11 INDUCTION MOTOR	32130000
45	5	28F11 PRESSURE CONTROLLER	33970000
45	5	29F11 PRESSURE CONTROLLER	33970000
45	5	37F11 MAGNETIC SWITCH	32210000
45	5	38F11 MAGNETIC SWITCH	32210000
45	5	36-112 COOLER	52923000
45	5	49-123 OIL TANK	25116000
45	5	13-13 CRACKED CONDENSOR	52732000
45	5	13-22 SEPARATOR	31991000
45	5	13-3 FLASH TOWER	33970000
45	5	14-2 POLYMERIZATON COLUMN	33970000
45	5	14-3 POLYMERIZATON COLUMN	33970000
45	5	14-6 NEUTRALIZATON COLUMN	33970000
45	5	14-12 STORAGE TANK	25116000



45	5	14-13 RESERVOIR TANK	25116000
45	5	M2437 DRAWN PIPE 275 MM	22410000
45	5	M2439 DRAWN PIPE 162 MM	22410000
45	5	M2441 DRAWN PIPE 150 MM	22410000
45	5	M2443 GAS PIPE 150 MM	22410000
45	5	M2447 DRAWN PIPE 109 MM	22410000
45	5	M2448 DRAWN PIPE 109 MM	22410000
45	5	M2452 DRAWN PIPE 80 MM	22410000
45	5	M2454 GAS PIPE 75 MM	22410000
45	5	M2455 GAS PIPE 75 MM	22410000
45	5	M2458 DRAWN PIPE 40 MM	22410000
45	5	M2520 DRAWN PIPE 155 MM	22410000
45	5	M2523 GAS PIPE 75 MM	22410000
45	5	M2524 DRAWN PIPE 108 MM	22410000
45	5	M2525 GAS PIPE 50 MM	22410000
45	5	M2526 DRAWN PIPE 28 MM	22410000
45	5	M2584 DRAWN PIPE 162 MM	22410000
45	5	M2586 DRAWN PIPE 109 MM	22410000
45	5	M2587 DRAWN PIPE 81 MM	22410000
45	5	M2588 DRAWN PIPE 81 MM	22410000
45	5	M2589 GAS PIPE 75 MM	22410000
45	5	M2590 GAS PIPE 50 MM	22410000



45	5	M2591 GAS PIPE 37 1-2 MM	22410000
45	5	M2593 GAS PIPE 12 1-2 MM	22410000
45	5	16-30 STOP VALVE 150 MM	31960000
45	5	1-1 WORTHINGTON PUMP	31220000
45	5	1-2 WORTHINGTON PUMP	31220000
45	5	8F13 WORTHINGTON PUMP	31220000
45	5	9F13 WORTHINGTON PUMP	31220000
45	5	626 MOTOR GEARED	32130000
45	5	627 MOTOR GEARED	32130000
45	5	628 MOTOR GEARED	32130000
45	5	629 MOTOR GEARED	32130000
45	5	630 MOTOR GEARED	32130000
45	5	631 MOTOR GEARED	32130000
45	5	1755 INDUCTION MOTOR	32130000
45	5	22-14 EVAPORATOR	58512000
45	5	22-49 TANK SODA TREATING	25116000
45	5	22-30 VAPOR HEAT EXCHANGER	31950000
45	5	22-1 EVAPORATOR	58512000
45	5	22-2 OIL BLENDING TOWER	33970000
45	5	22-4 FRACTIONATING TOWER	33970000
45	5	23-16 CLAY TOWER	33970000
45	5	23-17 CLAY TOWER	33970000



45	5	22-50 NO 2 FRFTIONTNG TWR	33970000
45	5	22-6 RERUN TOWER	33970000
45	5	22-84 SODA RECEIVER	25116000
45	5	973 TANK	25116000
45	5	974 STEEL STRUCTURE	25190000
45	5	23-13 HEAT EXCHANGER	31950000
45	5	23-14 HEAT EXCHANGER	31950000
45	5	23-22 STABILIZER	33970000
45	5	22-51 HEAT EXCHANGER	31950000
45	5	23-7 STEEL STRUCTURE	25190000
45	5	7-66 TANK	25116000
45	5	1122 BLENDING TANK	25116000
45	5	1123 BLENDING TANK	25116000
45	5	18-60 AFTER COOLER	52923000
45	5	18-8-15 HEAT EXCHANGER	31950000
45	5	18-21 REBOILER	25320000
45	5	18-61 CONDENSER	52732000
45	5	18-62 SIDE OIL HEAT EXCHNG	31950000
45	5	18-63 BTM OIL HEAT EXCHNG	31950000
45	5	18-64 BOTTOM OIL COOLER	52923000
45	5	18-65 SIDE OIL COOLER	52923000
45	5	18-22 CONDENSER	52732000



45	5	18-66 REBOILER	25320000
45	5	18-1 ABSORBER	33970000
45	5	18-33 SODA WASHING TOWER	33970000
45	5	18-34 SODA WASHING TOWER	33970000
45	5	18-2 DEPROPANIZER	33970000
○ 45	5	20-1 DE-ETHANIZER	33970000
45	5	20-3 RECEIVER	25116000
45	5	20-4 RECEIVER	25116000
○ 45	5	20-2 DE-PROPANIZER	33970000
○ 45	5	17-4 DE-BUTANIZER	33970000
45	5	19-18 OIL TANK	25116000
45	5	19-19 OIL TANK	25116000
45	5	18-18 HEAT EXCHANGER	31950000
45	5	18-19 HEAT EXCHANGER	31950000
45	5	11-16 REBOILER	25116000
○ 45	5	11-29 HEAT EXCHANGER	31950000
○ 45	5	11-30 HEAT EXCHANGER	31950000
○ 45	5	11-38 HEAT EXCHANGER	31950000
○ 45	5	11-47 HEAT EXCHANGER	31950000
○ 45	5	11-51 HEAT EXCHANGER	31950000
○ 45	5	11-52 HEAT EXCHANGER	31950000
○ 45	5	11-53 HEAT EXCHANGER	31950000



045	5	11-54 HEAT EXCHANGER	31950000
045	5	11-56 HEAT EXCHANGER	31950000
045	5	11-57 HEAT EXCHANGER	31950000
045	5	11-60 HEAT EXCHANGER	31950000
45	5	11-10 TAR SEPERATOR STRPPR	31991000
45	5	11-23 SERGE TANK	25116000
45	5	11-24 PICH OIL SEPARATOR	31991000
45	5	11-86 SM PROPANE SEPARATOR	31991000
45	5	11-87 SM PROPANE SEPARATOR	31991000
45	5	11-88 SM PROPANE SEPARATOR	31991000
45	5	11-89 SM PROPANE SEPARATOR	31991000
45	5	11-220 PROPANE TOWER	33970000
45	5	11-151 WATER ACCUMULATOR	25116000
45	5	11-152 WATER ACCUMULATOR	25116000
45	5	11-210 WATER GAS ACCUMULATR	25116000
45	5	11-209 GAS CONVERTOR	31950000
45	5	11-133 VALVE AUTO CONTROLLR	33970000
45	5	49-118 TRANSFORMER	32220000
45	5	49-117 TRANSFORMER	32220000
45	5	287F1 WORTHINGTON PUMP	31220000
45	5	226F9 METER BOARD	32210000
45	5	129F10 STAGING	33970000



45	5	13-26	LEVEL CONTROLLER	33970000
45	5	14-23	COOLER	52923000
45	5	14-24	COOLER	52923000
45	5	14-26	COOLER	52923000
45	5	14-27	COOLER	52923000
45	5	14-28	COOLER	52923000
45	5	14-29	COOLER	52923000
45	5	14-30	COOLER	52923000
45	5	14-31	COOLER	52923000
45	5	14-32	COOLER	52923000
45	5	14-33	COOLER	52923000
45	5	14-34	COOLER	52923000
45	5	14-4	POLYMERIZATION COLUMN	33970000
45	5	14-5	POLYMERIZATION COLUMN	33970000
45	5	14-60	COOLER	52923000
45	5	15-2	CLAY MIXER	31370000
45	5	15-5	CLAY BLOW CASE	25116000
45	5	15-6	CLAY BLOW CASE	25116000
45	5	15-18	CLAY BLOW CASE	25116000
45	5	15-19	CLAY BLOW CASE	25116000
45	5	13-5	GAS-WATER SEPARATOR	31991000
45	5	13-6	GAS-WATER SEPARATOR	31991000



45	5	13-23	QUENCHING SET	33970000
45	5	13-24	LEVEL CONTROLLER	33970000
45	5	13-25	LEVEL CONTROLLER	33970000
45	5	14-25	COOLER	52923000
45	5	14-18	PREHEATER	51370000
45	5	318	TRANSFORMER 75 KVA	32220000
45	5	319	TRANSFORMER 50 KVA	32220000
45	5	1662	RIGGING	22531100
45	5	1709	RIGGING	22531100
45	5	1710	RIGGING	22531100
45	5	1711	RIGGING	22531100
45	5	1712	RIGGING	22531100
45	5	34-264	HAND OPERATED WINCH	31582000
45	5	34-271	HAND OPERATED WINCH	31582000
45	5	34-272	HAND OPERATED WINCH	31582000
45	5	34-273	HAND OPERATED WINCH	31582000
45	5	34-274	HAND OPERATED WINCH	31582000
45	5	34-275	HAND OPERATED WINCH	31582000
45	5	34-276	HAND OPERATED WINCH	31582000
45	5	34-277	HAND OPERATED WINCH	31582000
0 45	5	934	FURNACE F HEAVY OIL	34750000
45	5	12-10	FURNACE	34750000



45	5	11-62	1ST FURNACE	34750000
45	5	11-63	1ST FURNACE	34750000
45	5	11-123	STEAM SUPER HEATER	51370000
45	5	163	ANNEALING FURNACE	34710000
45	5	164	ANNEALING FURNACE	34710000
45	5	20F8	CLAY DRYING FURNACE	31940000
○ 45	5	13-1	PIPE STILL FURNACE	31940000
45	5	16-2	STORAGE TANK	25116000
45	5	16-3	STORAGE TANK	25116000
45	5	16-4	STORAGE TANK	25116000
45	5	16-5	STORAGE TANK	25116000
45	5	16-6	STORAGE TANK	25116000
45	5	16-7	STORAGE TANK	25116000
45	5	16-1	STORAGE TANK	25116000
45	5	36-76	BLOWER	25116000
45	5	36-77	BLOWER	25116000
45	5	36-94	MOTOR	32130000
45	5	36-95	MOTOR	32130000
45	5	36-62	SWITCHBOARD	32220000
45	5	36-63	SWITCHBOARD	32220000
45	5	36-64	SWITCHBOARD	32220000
45	5	36-65	SWITCHBOARD	32220000

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45	5	36-66 SWITCHBOARD	32220000
45	5	36-67 SWITCHBOARD	32220000
45	5	36-68 SWITCHBOARD	32220000
45	5	36-69 SWITCHBOARD	32220000
45	5	36-70 SWITCHBOARD	32220000
45	5	69F5 INSTRUMENT BOARD	32210000
45	5	340F5 SWITCH BOX	32550000
45	5	341F5 SWITCH BOX	32550000
45	5	342F5 SWITCH BOX	32550000
45	5	343F5 SWITCH BOX	32550000
45	5	337F5 INSTRUMENT BOARD	32210000
45	5	22-39 BOX CONDENSOR	52732000
45	5	22-83 TANK	25116000
45	5	23-24 2ND GAS DISCHARG TWR	33970000
45	5	12-9 REFLUX TOWER	33970000
45	5	11-139 WORTHINGTON PUMP	31220000
45	5	11-140 WORTHINGTON PUMP	31220000
45	5	11-20 GAS SEPARATOR	31991000
45	5	345 ENGINE LATHE	34161000
45	5	39F11 MAGNET SWITCH	32210000
45	5	49F11 SLUICE VALVE	31960000
45	5	50F11 SLUICE VALVE	31960000

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45	5	65F11 SLUICE VALVE	31960000
45	5	66F11 SLUICE VALVE	31960000
45	5	67F11 SLUICE VALVE	31960000
45	5	68F11 SLUICE VALVE	31960000
45	5	70F11 SLUICE VALVE	31960000
45	5	13-12 BOX CONDENSOR	52732000
45	5	13-14 WATER SEAL	25116000
45	5	15-20 CLAY BLOW CASE	25116000
45	5	229F9 STEEL FRAME WORK	25190000
45	5	175F9 FURNACE	34750000
45	5	49-137 FURNACE	34750000
45	5	45-25 OIL TANK	25116000
45	5	45-26 OIL TANK	25116000
45	5	M2438 GAS PIPE 200MM L 30M	22410000
45	5	M2440 DRAWN PIPE 162MM	22410000
45	5	M2552 GAS PIPE 100MM L 45M	22410000
45	5	M2527 GAS PIPE 25MM L 100M	22410000
45	6	EX-NAVAL AIRCRAFT	
45	6	ARSENAL IWAKUNI	
45	6	378 DRILLING	34130000
45	6	353 ENGINE LATHE	34161000
45	6	347 ENGINE LATHE	34161000



45	6	354 LATHE	34161000
45	6	385 ENGINE LATHE	34161000
45	6	389 ENGINE LATHE	34161000
45	6	395 ENGINE LATHE	34161000
45	6	380 TURRET LATHE	34163000
45	6	388 TURRET LATHE	34163000
45	6	345 RIVETTING	34840000
45	6	349 RIVETTING	34840000
45	6	355 LATHE	34161000
45	6	364 LATHE	34161000
45	6	422 ENGINE LATHE	34161000
45	6	348 ENGINE LATHE	34161000
45	6	344 TURRET LATHE	34163000
45	6	383 TURRET LATHE	34163000
45	6	387 TURRET LATHE	34163000
45	5	151F1 AUTO CLAY FEEDING	31490000
45	5	7-27 WORTHINGTON PUMP	31220000
45	5	743 AIR CIRCUIT BREAKER	32210000
45	5	744 AIR CIRCUIT BREAKER	32210000
45	5	748 AIR CIRCUIT BREAKER	32210000
45	5	749 AIR CIRCUIT BREAKER	32210000
45	5	114F1 SLUDGE CARRIER	31490000



✓ 45	5	30F14 MOTOR	32130000
45	5	711 WORTHINGTON PUMP	31220000
45	5	719 WORTHINGTON PUMP	31220000
45	5	720 WORTHINGTON PUMP	31220000
45	5	722 WORTHINGTON PUMP	31220000
45	5	6-35 CENTRIFUGAL PUMP	31220000
✓ 45	5	6-72 CENTRIFUGAL PUMP	31220000
45	5	725 WORTHINGTON PUMP	31220000
45	5	619 CONDENSER	52732000
45	5	7-42 CONDENSER	52732000
45	5	7-43 CONDENSER	52732000
45	5	7-62 WAX SOLUTION RECEIVER	25116000
45	5	641 AMMONIA RECEIVER	25116000
45	5	7-64 RECOVERED OIL RECEIVER	25116000
45	5	7-52 WAX-SOLVENT VAPOR SEPARATOR	31091000
45	5	623 SYNCHRONOUS MOTOR	32130000
45	5	24F14 WORTHINGTON PUMP	31220000
45	5	7-8 WORTHINGTON PUMP	31220000
45	5	7-9 WORTHINGTON PUMP	31220000
45	5	652 BOWL CLEAN APPARATUS	33970000
45	5	653 BOWL CLEAN APPARATUS	33970000
45	5	654 BOWL CLEAN APPARATUS	33970000

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45 5 655 BOWL CLEAN APPARATUS 33-70000

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HEADQUARTERS  
CHUGOKU CIVIL AFFAIRS REGION  
APO 182

D/RPL/ftk

CCAR 386.3

9 January 1951

SUBJECT: Release of Reparations Equipment as Melt-Down Scrap

TO : Chief  
Civil Affairs Section  
GHQ, SCAP  
APO 500

1. Reference is inclosed application, in duplicate, of Iwakuni Property Custodian Branch (45-5, 45-6) subject: "List of Reparations Equipment Applied for Scrapping Down", as transmitted by Chugoku Finance Bureau letter, KFL No. O-190A, 8 December 1950.

2. Subject equipment has been inspected by a representative of this headquarters and found to be of no reparations value.

3. It is recommended that subject equipment be released as melt-Down scrap.

1 Incl:  
As indicatedC. N. BAILEY  
Colonel, Inf  
Chief



CHUGOKU  
FINANCE BUREAU

KFL No. O-190-A

SYM/th  
8 December 1950TO : Chugoku Civil Affairs Region,  
Attn. Economic SectionSubject: Application for Approval of Scrap-Down Machines-  
Iwakuni Army Fuel Depot

1. Submitted herewith is an application in three copies for the release of reparations equipment as melt-down scrap filed by the below indicated office.

<u>Office Name</u>	<u>Arsenal Name</u>
Iwakuni Property Custodian Branch	Iwakuni Army Fuel Depot

2. The application had been submitted to SCAP but no decision has been given to date and is now re-submitted to your office in accordance with the new procedures as indicated in your letter CCAR 386.3 dated 1 December 1950, subject "Application for Release of Reparations Equipment as Melt-Down Scrap".

3. Application from other offices under the jurisdiction of the Chugoku Finance Bureau will follow soon.

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SHIZUSO YAMANAKA  
Chief of Liaison Section,  
Chugoku Finance Bureau

Enclosure:

As indicated in para 1 above.



HEADQUARTERS  
CHUGOKU CIVIL AFFAIRS REGION  
APO 182

D/RPL/ftk

CCAR 386.3

9 January 1951

SUBJECT: Release of Reparations Equipment as Melt-Down Scrap

TO : Chief  
Civil Affairs Section  
GHC, SCAP  
APO 500

1. Reference is inclosed application, in duplicate, of Iwakuni Property Custodian Branch (45-5, 45-6) subject: "List of Reparations Equipment Applied for Scrapping Down", as transmitted by Chugoku Finance Bureau letter, KFL No. 0-190A, 8 December 1950.
2. Subject equipment has been inspected by a representative of this headquarters and found to be of no reparations value.
3. It is recommended that subject equipment be released as melt-down scrap.

1 Incl:  
As indicated

C. N. BAILEY  
Colonel, Inf  
Chief

Subject File

CRZ  
BSJ  
Hbk

MANUFACTURING  
AND INDUSTRY  
FILE 45-5

Dec. VI C



## CHUGOKU FINANCE BUREAU

SYM/th

KFL No. O-190 -A

8 December 1950

To : Chugoku Civil Affairs Region,  
Attn. Economic Section

Subject: Application for Approval of Scrap-Down Machines -  
Iwakuni Army Fuel Depot

1. Submitted herewith is an application in three copies for the release of reparations equipment as melt-down scrap filed by the below indicated office.

Office Name	Arsenal Name
Iwakuni Property Custodian Branch	Iwakuni Army Fuel Depot

2. The application had been submitted to SCAP but no decision has been given to date and is now re-submitted to your office in accordance with the new procedures as indicated in your letter CCAR 386.3 dated 1 December 1950, subject "Application for Release of Reparations Equipment as Melt-Down Scrap".

3. Application from other offices under the jurisdiction of the Chugoku Finance Bureau will follow soon.

*Yamanaka*  
SHIZUO YAMANAKA  
Chief of Liaison Section,  
Chugoku Finance Bureau

Enclosure:  
As indicated in para 1 above.



List of Reparations Machinery  
Applied For Scrapping Down  
for  
Iwakuni Ex-Army Fuel Depot 45-5  
and  
Ex-Naval Aircraft Arsenal, Iwakuni Factory 45-6

Iwakuni Property Custodian Branch  
Chugoku Finance Bureau



Code No.Name of MachineRemarks

<u>Code No.</u>	<u>Name of Machine</u>	<u>Remarks</u>
45-5-1760	Compressor	Damaged & valves missing
557	Heat Exchanger	Cover missing
564	Tank for Boiler Feed Water	Incomplete
554	Heat Exchanger	Cover missing, non-evaluated
35(9)	Compressor	Bed & valves missing
18(73)	Crude Petroleum Storage Tank	Hold by bomb-splinter
18(74)	" " "	" "
17(1)	Polymerization Column	" "
17(27)	Hydrogenation Column	Burnt and Bomb-splintered
17(29)	" "	" "
1075	Refleex Tank	Bomb splinter-holed
12(6)	Fuel Tank	Bomb-splinter-holed, burnt
12(7)	" "	" "
11(31)	Heat Exchanger	Bomb splinter-holed
11(34)	" "	" "
11(36)	" "	" "
11(43)	" "	" "
11(45)	" "	" "
11(46)	" "	" "
11(48)	" "	" "
11(35)	" "	" "
11(61)	" "	" "
11(6)	1st Fractionating Tower	" "
11(13)	Crude Oil Mixing Tank	" "
11(22)	Propan Receiver	Bomb splinter-holed, frame broken
11(25)	Gasoline Receiver	Bomb splinter-holed
11(26)	" "	" "
11(79)	Caustic Diluting Tank	" "
11(80)	Caustic Midway Tank	" "
11(90)	Large Seperator	" "
11(91)	" "	" "
11(95)	Caustic Blow Case	" "
11(96)	" " "	" "
11(97)	Caustic Regeneration Tower	" "
11(98)	" " "	" "
11(99)	Air Accumulator	" "
11(156)	Water Gas Accumulator	" "
199F1	Drum Cleaning Machine	Gears broken
501(105)	Induction Motor W/reducer	Vane of fan broken
202	Shearing Machine	Pully vice & spindle missing
199	Heavy Oil Furnace	Burner missing
2(f17)	Worthington Pump	Valve missing
168F9	Low Pressure Cooler	Case & pipe bullet-holed
169F9	" " "	" " "
170F9	" " "	" " "
176F9	Reaction Tower	Bomb splinter-holed
177F9	" " "	" " "
178F9	" " "	" " "



<u>Code No.</u>	<u>Name of Machine</u>	<u>Remarks</u>
45-5- 196F9	High Pressure Cooler	Case & pipe bullet-holed
197F9	" " "	" " "
54F6	Measuring Tank	Incomplete
55F6	" "	"
56F6	" "	"
78F9	Buthylene Tank	Broken & burnt
79F9	" "	" "
80F9	" "	" "
81F9	" "	" "
82F9	" "	" "
73F10	Polymerization Tank	Bomb splinter-holed
74F10	" (outer tank to be retained)	" "
78F10	Condensor	" "
87F10	"	" "
89F10	"	" "
90F10	"	" "
91F10	"	" "
92F10	"	" "
93F10	Staging for Condensor	Incomplete
11F11	Blower	Bomb splinter-holed
16F11	Gas Cooling & Washing Tower	" "
25F11	Rotary Washer	Casing Bomb-holed
27F11	" "	Bomb splinter-holed
501(40)	Meter Board	Board only
15(15)	Side Cut cooler	Incomplete
15(1)	Vacuum distillation tower	"
15(3)	Refraction Tower	"
15(4)	Washed Oil Receiver	"
44(181)	Transformer	Coil missing, case bullet-holed
290F3	Battery	Main parts missing
49(95)	Rotary Granole Tablet Machine	Body only remains
49(96)	" " "	" " "
555	Tank	Incomplete
563	"	"
227F4	Magnetic Switch	Box & magnet missing
109F2	Tank	Dismantled & plates missing
897	Worthington Pump	Pod, head cover & piston missing
35(41)	Control Board	Badly corroded
35(42)	Control Board	" "
35(43)	" "	" "
35(44)	Meter Board	" "
35(45)	" "	" "
35(46)	" "	" "
35(47)	" "	" "
35(48)	Control Board	" "
35(49)	" "	" "
35(50)	" "	" "
35(51)	" "	" "



<u>Code No.</u>	<u>Name of Machine</u>	<u>Remarks</u>
45-5-35(52)	Controller	Badly corroded
35(53)	"	" "
35(54)	"	" "
35(55)	"	" "
19(12)	Oil Switch	Oil box missing
219F1	Reducer	Gear missing
487 vOK	Small type boiler	Drum only
359	Engine Lathe	Tool post, chuck & change gear missing
380	" "	" " "
381	Sand Blast	Power transmitting mechanism missing
542	Volute Pump	Runner badly damaged
504	Grinver Rectifier	Mercury rectifier missing
540	Refrigerating Box	Compressor missing
541	" "	" "
378	Hack saw machine	Frame only
411	Fan	Vanes missing
18(43)	Gas Compressor	Valve & synchronus motor missing
14(58)	Centrifugal Pump	Bed & cover missing
157F10	Magnet Switch	Case only
158F10	2-Magnet Switch	" "
187F10	Meter Board	Board only
73F5	Overhead travelling crane	Special motor missing, brake broken
10F10	Platform scale	Parts missing & broken
141	Grinder	Frame only
142	"	" "
130	Lathe	Spindle, cone pullery and leading screw missing
131	"	Tool post, leading screw and chuck missing
132	"	Tool post, change gear and chuck missing
133	"	Tool post and change gear missing
290	Fan	Shaft missing
42(136)	Elevator	Magnet, brake and motor missing
42(106)	Bucket carrier	Bucket only, non-evaluated
42(107)	" "	" " "
42(108)	" "	" " "
6F10	Gum cutter	Many parts missing
7F10	" "	Main parts missing
8F10	" "	" " "
9F10	" "	" " "
42(159)	Filter Press	All filter plates missing
42(160)	" "	Frame & filter plates missing

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<u>Code No.</u>	<u>Name of Machine</u>	<u>Remarks</u>
45-5-42(161)	Filter Press	Filter plates missing
42(162)	" "	" " "
501(15)	Chain Stoker	Parts missing
501(78)	" "	" "
501(16)	" "	" "
501(79)	" "	" "
501(87)	Fire Grate	" "
501(88)	" "	" "
501(89)	" "	" "
501(90)	" "	" "
501(91)	Chain	" "
501(92)	" "	" "
501(93)	" "	" "
501(94)	" "	" "
501(95)	Rail for fire grate attachment	" "
501(96)	" " " "	" "
501(97)	" " " "	" "
501(98)	" " " "	" "
501(99)	Frame for stoker	" "
501(100)	Cover for Hepper	" "
599	Fan	Inside lead cover & parts missing
600	"	" " "
601	"	" " "
602	"	" " "
603	"	" " "
604	"	" " "
501(60)	"	" " "
501(61)	"	Bearing missing
501(62)	"	" "
501(63)	"	" "
501(64)	"	" "
501(65)	"	Badly corroded
501(66)	"	" "
501(67)	"	" "
501(47)	Resistor	Badly corroded & case broken Marble plate & regulator broken
501(50)	Meter Board	Main parts missing
501(45)	Switchboard	" " "
501(43)	Meter Board	" " "
501(41)	Circuit Breaker	" " "
501(42)	" "	" " "
501(39)	Oil Circuit Breaker	" " "
501(44)	Switchboard	" " "
47(102)	Transformer	" " "
1757	Wall fan	Bomb damaged
188F4	Overhead travelling crane	Motor coil bomb damaged Angle deformed & bomb damaged, brake & gear missing



<u>Code No.</u>	<u>Name of Machine</u>	<u>Remarks</u>
45-5-192F4	Induction motor	Case broken
216F4	Mechanical Brake	Leg broken
70F5	Instrument Board	Bomb damaged and corroded
128F5	Gas Blower	Case damaged by bomb
129F5	Induction motor W/100 HP motor	" " "
130F5	Gas Blower	" " "
131F5	Induction motor W/100 HP motor	" " "
203F5	Oil Switch	Bomb damaged
204F5	" "	" "
327F5	Turbine pump	Bearing broken, case cracked
328F5	" "	Body damaged
76F5	Gas Holder	Bomb damaged
198F5	" "	" "
22(36)	Condensor	" "
23(25)	Dust strainer	" "
23(26)	" "	" "
23(27)	" "	" "
23(28)	" "	" "
1001	Condensor	" "
21(45)	Plunger pump	Cylinder bomb damaged
22(35)	Box Condensor	Bomb damaged, pipe broken
22(8)	Water Seperator	Badly damaged
22(9)	" "	" "
22(37)	Box Condensor	Bomb damaged and corroded
22(38)	" "	" "
23(3)	Reaction chamber	Bomb damaged and burned
23(4)	" "	" "
23(5)	" "	" "
23(6)	" "	" "
23(33)	Air receiver	Bomb damaged and cracked
23(9)	Oil receiver	Bomb damaged
24(22)	Gas Cooler	Bomb damaged and burned
24(23)	" "	" "
22(48)	Soda tank	Bomb damaged
23(23)	1st Gas Discharging Tower	" "
23(1)	Reactor	Bomb damaged and burned
23(2)	" "	" "
22(10)	Water seperator	Badly damaged
23(8)	Temperature Regulating Tank	Bomb damaged and burned
23(10)	Heat Exchanger	" "
23(11)	" "	" "
23(12)	" "	" "
23(15)	" "	" "
23(40)	Gas Seperator	" "
23(41)	Gas discharging column	" "
24(24)	Gas Cooler	" "



<u>Code No.</u>	<u>Name of Machine</u>	<u>Remarks</u>
45-5-1011	8" Gate valve	Handle broken
1012	" " "	" "
1013	" " "	" "
1014	" " "	" "
1015	" " "	Bullet holed
1016	" " "	" "
1017	" " "	Spindle broken
1018	" " "	Handle missing
1019	" " "	" "
1020	" " "	" "
1021	" " "	" "
1022	" " "	" "
1023	" " "	" "
1024	" " "	" "
1025	" " "	" "
1026	" " "	" "
1027	" " "	" "
1028	" " "	" "
1029	" " "	" "
1030	" " "	" "
1031	" " "	" "
1032	" " "	" "
1033	" " "	Spindle missing
1034	" " "	Handle missing
1035	" " "	" "
1057	6" Gate valve	Handle broken
1058	" " "	" missing
1059	" " "	" broken
1060	" " "	" missing
1061	" " "	" "
1062	" " "	" "
1063	" " "	" "
1064	" " "	" "
1065	" " "	" "
1066	" " "	" "
1067	" " "	" "
1068	" " "	" "
1069	" " "	Handle missing, spindle broken
1070	" " "	Handle broken
1071	" " "	" "
1072	" " "	" "
1073	" " "	" "
7(41)	Condensor	Bomb splinter-holed
7(51)	Tank	" "
35(60)	Induction motor	Case & rotor broken
19(15)	Reaction Chamber	Bomb damaged
19(16)	" "	" "
19(20)	Product Tank	" "
19(21)	" "	Bomb damaged and burned



<u>Code No.</u>	<u>Name of Machine</u>	<u>Remarks</u>
45-5-19(22)	Product Tank	Bomb damaged and burned
10F13	Fuel Oil Tank	" " "
11F13	" " "	" " "
25F13	Feed Water Tank	" " "
27F13	Blend Tank	" " "
18(72)	Soda Storage Tank	Bomb splinter-holed
20(18)	Storage Tank	Cracked by Bomb
20(19)	" "	" "
20(20)	" "	" "
20(21)	" "	" "
20(22)	" "	" "
11(155)	Compressor	Cylinder bomb damaged and bearing cracked
11(157)	Pump	Bomb damaged and burned
11(223)	Sluice valve (250 mm)	Flange broken
11(224)	" "	Handle missing
11(225)	" "	" "
11(226)	" "	Body cracked
11(227)	Sluice valve (300 mm)	Spindle missing
11(228)	" "	" "
11(230)	Sluice valve (250 mm)	Handle missing
11(231)	" "	" "
11(233)	Sluice valve (150 mm)	" "
11(234)	" "	" "
11(236)	" "	" "
11(239)	" "	" "
12(8)	Stabilizer	Bomb damaged
12(4)	Absorber	" "
12(5)	" "	" "
1076	Steel structure	Bomb damaged and deformed
11(14)	Fractionater Reboiler	" " "
11(15)	De-propanizer Reboiler	Broken by bomb
11(210)	Heat Exchanger	Broken
11(32)	" "	Bomb damaged
11(33)	" "	" "
11(37)	" "	" "
11(39)	" "	Splinter-holed and burned
11(40)	" "	" "
11(41)	" "	Splinter holed
11(42)	" "	Splinter holed and burned
11(44)	" "	Splinter holed
11(49)	" "	Splinter holed and burned
11(50)	" "	Burnt
11(55)	" "	Splinter holed and burned
11(58)	" "	" " "
11(59)	" "	" " "
11(66)	Air Preheater	Splinter holed
11(117)	Melting Salt Cooler	Broken by bomb
11(118)	" " "	" "
11(119)	" " "	" "



<u>Code No.</u>	<u>Name of Machine</u>	<u>Remarks</u>
45-5-11(1)	Reactor	Broken by bomb
11(2)	"	" "
11(3)	"	" "
11(4)	"	" "
11(201)	"	" "
11(202)	"	" "
11(203)	"	" "
11(5)	CO converter	Splinter holed
11(7)	2nd Fractionating Tower	" "
11(8)	Tar Separator	" "
11(9)	Arrester	Bombed and burned
11(11)	1st Fractionating Tower	" "
	Bottom Stripper	" "
11(12)	1st Fractionating Tower	" "
	Side Stripper	" "
11(17)	Depropanizer	Splinter holed and deformed
11(19)	Absorber	Broken
11(77)	Caustic (crude) tank	Splinter holed
11(78)	Caustic Diluting Tank	" "
11(92)	Setting Tank	Splinter holed and burned
11(93)	" "	" " "
11(153)	Suction Tank	" " "
11(27)	Oil Vapor & Air Strainer	Bomb damaged and burned
11(28)	" " " "	Bomb holed
11(105)	Pressure Gas Burner	" "
11(106)	" " "	" "
11(129)	Steel structure	Bomb damaged
11(18)	De-propane tower	" "
11(360)	Sluice valve (250 mm)	Handle missing
11(361)	" "	" "
11(362)	" "	" "
11(363)	" "	Cover cracked
11(364)	" "	Body cracked
11(365)	" "	Handle missing
11(367)	" "	" "
11(368)	" "	Body cracked
11(369)	" "	" "
11(370)	" "	" "
11(371)	Sluice Valve (150 mm)	Handle missing
11(372)	" " (250 mm)	" "
11(374)	Automatic Valve (250 mm)	Cylinder broken
11(375)	" "	" "
11(377)	Sluice Valve (250 mm)	Cover missing
11(378)	" "	" "
11(387)	" " (300 mm)	" "
11(390)	" "	" "
11(392)	" "	Handle missing
11(393)	" "	" "
11(394)	" "	Spindle broken
11(395)	" "	Handle missing



<u>Code No.</u>	<u>Name of Machine</u>	<u>Remarks</u>
45-5-11(396)	Sluice Valve (300 mm)	Handle missing
11(397)	Automatic Valve (250 mm)	Arm broken
11(398)	" " (200 mm)	" "
11(399)	Sluice Valve (200 mm)	Handle missing
11(404)	" "	Spindle broken
11(408)	" "	Handle missing
11(409)	Automatic Valve (200 mm)	Arm cracked
11(410)	" " (250 mm)	" "
11(412)	" " (200 mm)	" "
11(413)	Sluice Valve (250 mm)	Handle missing
11(414)	" "	" "
11(417)	" "	" "
11(419)	" " (300 mm)	" "
11(420)	" " (250 mm)	" "
11(421)	" "	" "
11(422)	" "	" "
11(426)	" " (200 mm)	" "
11(427)	" " (150 mm)	" "
11(429)	" " (200 mm)	" "
11(431)	" "	" "
11(447)	" " (250 mm)	" "
11(453)	" " (300 mm)	" "
11(456)	" " (250 mm)	" "
11(461)	" "	" "
11(497)	" "	" "
11(510)	" " (400 mm)	" "
11(511)	" "	Body cracked
11(512)	" "	" "
11(537)	" "	" "
11(538)	" " (250 mm)	" "
11(547)	" " (150 mm)	" "
11(548)	" "	" "
11(550)	" "	" "
11(552)	" "	" "
11(553)	" "	" "
11(554)	" "	" "
11(555)	" "	" "
<b>Item No.</b>		
M1875	Drawn Pipe 314 mm, Length 125 m	30% broken and holed
M1878	Drawn Pipe 264 mm, Length 8m	40% cracked
M1879	Welded Pipe 272 mm, Length 680 m	20% cracked
M1880	Gas Pipe 250 mm, Length 29m	35% cracked
M1881	Drawn Pipe 215 mm, Length 79m	15% cracked
M1882	Welded Pipe 212 mm, Length 75 m	35% cracked



<u>Item No.</u>	<u>Name of Machine</u>	<u>Remarks</u>
M1884	Welded Pipe 160 mm, Length 497 m	25% cracked
M1885	Welded Pipe 170 mm, Length 58 m	20% cracked
M1886	Gas Pipe 150 mm, Length 231 m	35% cracked
M1888	Gas Pipe 100 mm, Length 399 m	20% cracked
M1889	Drawn Pipe 109 mm, Length 206 m	25% cracked
M1891	Gas Pipe 75 mm, Length 995 m	35% cracked
M1892	Drawn Pipe 62 mm, Length 319 m	20% cracked
M1893	Gas Pipe 50 mm, Length 326 m	15% cracked
M1895	Gas Pipe 35 mm, Length 511 m	60% cracked
M1896	Drawn Pipe 43 mm, Length 234 m	15% cracked
<u>Code No.</u>		
45-5-12(1)	Fractionator	Bomb splinter-holed
12(2)	Fractionating Tower	" "
12(3)	Gas Separator	" "
12(11)	Steel Structure	" "
255F1	Drum Conveyor	
197	Welding Machine	Badly broken
387	Hydrogen Gas Crusher	Bomb damaged
388	"	Broken and crushing mechanism missing
11(136)	Turbine Pump	" "
11(137)	" "	Case broken
11(166)	Worthington Pump	" "
11(180)	" "	Valve cover broken
11(192)	" "	Valve cover bullet-holed
14(36)	" "	" "
14(37)	" "	Cylinder holed
14(50)	Centrifugal Pump	" "
14(47)	Crusher	Case broken
16(20)	Worthington Pump	Crushing mechanism missing, burned
16(19)	" "	Cylinder holed
16(18)	" "	Cylinder and valve cover damaged
24(15)	" "	Cylinder, valve and piston missing
110F9	Switchboard	Steam inlet broken
143F9	Heat Exchanger	Marble and switch broken
		Case and pipe splinter- holed



<u>Code No.</u>	<u>Name of Machine</u>	<u>Remarks</u>
45-5-144F9	Heat Exchanger	Case and pipe splinter- holed
145F9	" "	" " "
146F9	Evaporator	" " "
147F9	" "	Bomb splinter holed
162F9	Reacting Furnace	Case & pipe slinter holed
163F9	" "	" " "
164F9	" "	" " "
182F9	Acid Tank	Bomb splinter holed
183F9	" "	" " "
190F9	Turbine Pump	Case broken
227F9	Switchboard	Marble broken, meter & switch missing
532	Induction Motor	Case broken and burned
567	Tightening Machine	Arm badly damaged
224F9	Compressed Air Tank	Bomb splinter holed
12F11	Induction Motor	Completely broken
13F11	Blower	" "
14F11	Induction Motor	" "
17F11	Gas Cooling and Washing Tower	Bomb damaged and holed
23F11	Water Seal Tank	Badly damaged
24F11	Induction Motor	Case bomb damaged
26F11	" "	" " "
28F11	Pressure Controller	Bomb damaged, parts broken
29F11	" "	" " "
37F11	Magnetic Switch	Completely broken
38F11	" "	" "
36(112)	Cooler	Case broken and corroded
49(123)	Oil Tank	Bomb damaged
13(13)	Cracked Oleffine Condensor	Bomb damaged and burnt
13(22)	Seperator	" " "
13(3)	Flash Tower	Bomb damaged
14(2)	Polymerization Column	Bomb damaged and burnt
14(3)	" "	" " "
14(6)	Neutralization Column	Cover damaged by bomb
14(12)	Storage Tank	Bomb damaged and burnt
14(13)	Intermediate Reservoir Tank	" " "
<u>Item No.</u>		
M2437	Drawn Pipe 275 mm, Length 98 m	15% damaged
M2439	Drawn Pipe 162 mm, Length 100 m	80% damaged
M2441	Drawn Pipe 150 mm, Length 100 m	80% damaged
M2443	Gas Pipe 150 mm, Length 40 m	60% missing
M2447	Drawn Pipe 109 mm, Length 180 m	45% missing



<u>Item No.</u>	<u>Name of Machine</u>	<u>Remarks</u>
M2448	Drawn Pipe 109 mm, Length 40m	50% missing
M2452	Drawn Pipe 80 mm, Length 200 m	50% missing
M2454	Gas Pipe 75 mm, Length 90 m	55% damaged
M2455	Gas Pipe 75 mm, Length 40 m	50% damaged
M2458	Drawn Pipe 40 mm, Length 20 m	25% missing
M2520	Drawn Pipe 155 mm, Length 40 m	25% missing
M2523	Gas Pipe 75 mm, Length 150 m	45% damaged
M2524	Drawn Pipe 108 mm, Length 40 m	30% damaged
M2525	Gas Pipe 50 mm, Length 60 m	30% damaged
M2526	Drawn Pipe 28 mm, Length 70 m	30% missing
M2584	Drawn Pipe 162 mm, Length 200m	80% damaged
M2586	Drawn Pipe 109 mm, Length 2350 m	35% damaged
M2587	Drawn Pipe 81 mm, Length 90 m	20% missing
M2588	Drawn Pipe 81 mm, Length 210 m	40% damaged
M2589	Gas Pipe 75 mm, Length 70 m	55% missing
M2590	Gas Pipe 50 mm, Length 60 m	30% missing
M2591	Gas Pipe 37.5 mm Length 20 m	90% damaged
M2593	Gas Pipe 12.5 mm, Length 2500 m	30% damaged
<u>Code No.</u>		
45-5-16(30)	Stop Valve (150 mm)	Badly burnt
1(1)	Worthington Pump	Cylinder badly worn
1(2)	" "	" " "
8F13	" "	" " "
9F13	" "	Cylinder badly worn, piston rod missing
626	Motor, geared	Bomb damaged and burnt
627	" "	" " "
628	" "	" " "
629	" "	" " "
630	" "	" " "
631	" "	" " "



<u>Code No.</u>	<u>Name of Machine</u>	<u>Remarks</u>
45-5-1755	Induction Motor	Coil burned
22(14)	Evaporator	Bomb damaged and burnt
22(49)	Tank for Soda Treating	Burned and cover missing
22(30)	Vapor Heat Exchanger	Bomb damaged and burned
22(1)	Evaporator	Burned and deformed
22(2)	Oil Blending Tower	Bomb damaged and burnt
22(4)	Fractionating Tower	Burned
23(16)	Clay Tower	Burned and deformed
23(17)	" "	" "
22(50)	No. 2 Fractionating Tower	Burned
22(8)	Rerun Tower	"
22(84)	Soda Receiver	"
973	Tank	"
974	Steel Structure	Burned and deformed
23(13)	Heat Exchanger	Burned
23(14)	" "	"
23(22)	Stabilizer	Bomb damaged and burnt
22(51)	Heat Exchanger	Burned
23(7)	Steel Structure	Burned and deformed
7(66)	Tank	Burned and broken
1122	Blending Tank	Bomb damaged and burnt
1123	" "	" " " "
18(30)	After Cooler	Burned
18(8-15)	Heat Exchanger	" damaged and burnt
18(21)	Reboiler	" burned, plate only
18(61)	Condenser	"
18(62)	Side Oil Heat Exchanger	"
18(63)	Bottom Oil Heat Exchanger	"
18(64)	Bottom Oil Cooler	"
18(65)	Side Oil Cooler	"
18(22)	Condenser	"
18(66)	Reboiler	"
18(1)	Absorber	"
18(33)	Soda Washing Tower	" burned and both cover
18(34)	" " "	" missing
18(2)	Depropanizer	"
20(1)	De-ethanizer	Bomb damaged and burnt
20(3)	Receiver	" " "
20(4)	"	" " "
20(2)	De-propanizer	" " "
17(4)	De-butanizer	" " "
19(18)	Oil Tank	" " "
19(19)	" "	" " "
18(18)	Heat Exchanger	Burned
18(19)	" "	"
11(16)	Reboiler	"
11(29)	Heat Exchanger	"
11(30)	" "	"
11(38)	" "	"
11(47)	" "	"
11(51)	" "	"



<u>Code No.</u>	<u>Name of Machine</u>	<u>Remarks</u>
45-5-11(52)	Heat Exchanger	Burned
11(53)	" "	"
11(54)	" "	"
11(56)	" "	"
11(57)	" "	"
11(60)	" "	"
11(10)	Tar Seperator Stripper	"
11(23)	Serge Tank	"
11(24)	Pich Oil Seperator	"
11(86)	Small Propane Seperator	"
11(87)	" " "	"
11(88)	" " "	"
11(89)	" " "	"
11(220)	Propane Tower	"
11(151)	Water Accumulator	"
11(152)	" "	"
11(210)	Water Gas Accumulator	"
11(209)	Gas Convertor	"
11(133)	Valve Automatic Controller	"
49(118)	Transformer	Burned and lead line inlet broken
49(117) <sup>OK</sup>	"	" " "
287F1	Worthington Pump	Bomb damaged and burnt
226F9	Meter Board	Burned, plate only
129F10	Staging	" " "
13(26)	Level Controller	" " "
14(23)	Cooler	Burned
14(24)	"	"
14(26)	"	"
14(27)	"	"
14(28)	"	"
14(29)	"	"
14(30)	"	Burned and both cover missing
14(31)	"	Burned
14(32)	"	"
14(33)	"	"
14(34)	"	"
14(4)	Polymerization Column	"
14(5)	" "	"
14(60)	Cooler	"
15(2)	Clay Mixer	"
15(5)	Clay Blow Case	"
15(6)	" " "	"
15(18)	" " "	"
15(19)	" " "	"
13(5)	Gas and water seperator	"
13(6)	" " "	"
13(23)	Quenching Set	"

NOT  
49(116)



<u>Code No.</u>	<u>Name of Machine</u>	<u>Remarks</u>
45-5-13(24)	Level Controller	Burned
13(25)	" "	"
14(25)	Cooler	"
14(18)	Preheater	"
312	Transformer (75 KVA)	Bullet-holed
319	" (50 KVA)	"
1662	Rigging (for Balloon)	No peace-time use
1709	"	"
1710	"	"
1711	"	"
1712	"	"
34(264)	Hand operated winch	"
34(271)	" " "	"
34(272)	" " "	"
34(273)	" " "	"
34(274)	" " "	"
34(275)	" " "	"
34(276)	" " "	"
34(277)	" " "	"
934	Furnace for Heavy Oil	Brickwork broken, roof missing
12(10)	Furnace	" " "
11(62)	1st Furnace	Concrete and brick
11(63)	" "	" "
11(123)	Steam super heater	Brick-work
163	Annealing Furnace	"
164	" "	"
20F8	Clay drying furnace	"
13(1)	Pipe Still Furnace	"
16(2)	Storage Tank	Concrete walled damaged by bomb
16(3)	" "	" " "
16(4)	" "	" " "
16(5)	" "	" " "
16(6)	" "	" " "
16(7)	" "	" " "
16(1)	" "	Concrete walled
36(76)	Blower	Case broken
36(77)	"	" "
36(94)	Motor	" "
36(95)	"	" "
36(62)	Switchboard	Badly burned
36(63)	"	" "
36(64)	"	" "
36(65)	"	" "
36(66)	"	" "
36(67)	"	" "
36(68)	"	" "
36(69)	"	" "
36(70)	"	" "



<u>Code No.</u>	<u>Name of Machine</u>	<u>Remarks</u>
45-5-69F5 340F5	Instrument Board Switch Box	Board only remains Meters and other parts missing
341F5	" "	" " " "
342F5	" "	" " " "
343F5	" "	" " " "
337F5	Instrument Board	Board only remains
22(39)	Box Condensor	Bombed and corroded
22(83)	Tank	Burned
23(24)	2nd Gas Discharging Tower	"
12(9)	Reflux Tower	Bomb splinter-holed
11(139)	Worthington Pump	Parts missing, badly worn
11(140)	" "	" " " "
11(94)	Caustic Blow Case	Bomb splinter-holed
11(20)	Gas Seperator	Bombed and burnt
345	Engine Lathe	Bed only remains
39F11	Magnet switch	Badly corroded, parts missing
49F11	Sluice Valve	Bomb damaged
50F11	" "	" "
65F11	" "	" "
66F11	" "	" "
67F11	" "	" "
68F11	" "	" "
70F11	" "	" "
13(12)	Box Condensor	Burned
13(14)	Water Seal	"
15(20)	Clay Blow Case	"
229F9	Steel frame work	Broken and burned
175F9	Furnace	Bomb damaged
49(137)	" "	" "
45(25)	Oil Tank	Evaluated as scrap
45(26)	" "	" "

Item No.

M2438	Gas Pipe(underground) 200 mm, Length 30 m	Uneconomical to remove
M2440	Drawn Pipe (underground) 162 mm, Length 10 m	" "
M2552	Gas Pipe (underground) 100 mm, Length 45 m	" "
M2527	Gas Pipe (underground) 25 mm, Length 100 m	" "

Code No.

45-6-378 353	Drilling Machine Engine Lathe	Obsolete Tail stock and other parts missing
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Code No.	Name of Machine	Remarks
<del>45-6-349</del> 45-6-386 347	Milling Machine Engine Lathe	Automatic Feeder missing Tool post, tail stock & change gear missing " " "
354 385	Lathe Engine Lathe	Tail stock missing, body cracked, leg broken
389	" "	Tail stock, tool post & change gear missing
395	" "	Return table, tail stock & other parts missing
380	Turret lathe	Special motor, tool post and cooling pump missing, feeder disabled
368 345	" " Rivetting machine	Special motor missing Pneumatic mechanism missing, body cracked
349 355	" " Lathe	" " " Tool post, chain gear & tail stock missing " " " "
364 422 348	" " Engine Lathe " "	Bed broken Tail stock & tool post missing
344	Turret Lathe	War-time standard type, inaccurate
383 387	" " " "	" " " " " "
45-5-151F1	Automatic Clay Feeding Machine	Power transmitting mechanism broken
7(27)	Worthington Pump	Piston Rod broken
743	Air Circuit Breaker	Case only
744	" " "	" "
748	" " "	" "
749	" " "	" "
114F1 30F14	Sludge Carrier Motor	Bucket only Cover missing
711	Worthington Pump	Gland for steam valve broken
719	" "	" " "
720	" "	" " "
722	" "	" " "
6(35) 6(72)	Centrifugal Pump " "	Frame broken " "
725	Worthington Pump	" "
619	Condenser	Bomb damaged and pipe broken



<u>Code No.</u>	<u>Name of Machine</u>	<u>Remarks</u>
45-5-7(42)	Condenser	Bomb damaged and pipe broken
7(43)	"	" " " "
7(62)	Wax solution receiver	Broken and burned
641	Ammonia Receiver	" "
7(64)	Recovered Oil Receiver	" "
7(52)	Wax & Solvent Vapor Seperator	" "
623	Synchronous Motor	Case and rotor damaged
24F14	Worthington Pump	Cylinder bombed and accessories missing
7(8)	" "	Cylinder bomb-holed
7(9)	" "	" "
652	Bowl cleaning apparatus	Burnt, corroded and door missing
653	" " "	" " "
654	" " "	" " "
655	" " "	" " "

GRAND TOTAL 748



IWAKUNI CITY HALL  
Iwakuni-city

Date: 20, Oct., 1947

45-5  
VIC  
To: Major Francis T. Justice

Yamaguchi Military Govt. Team

Subject: Application for Return of the Generator driven by Diesel Engine at Hashirajima Island.

Sir,

With regard to the Generator driven by Diesel Engine located at the Hashirajima Island (Iwakuni-city), which belonged to the former Navy Observation Post, I humbly beg to forward this application for the return of it to the Department of Home Affairs, thus stated in a petition attached.

Such being the case, we should be very much obliged if you would be so kind enough to accept our position.

I remain

Yours very truly

*Yakichi Tsuda*  
YAKICHI TSUDA  
Mayor of Iwakuni-city



PETITION FOR REGAINING OF THE GENERATOR  
DRIVEN BY DIESEL ENGINE AT HASHIRAJIMA

1)

Hashirajima Island belonging to Iwakuni-city and located at the point 17 nautical miles off the city and its circumference is 5.1 miles with an area of 1.3 square miles, holding 237 houses and 1,241 populations.

Being steep and solitary island, she has no electric facility as yet.

2)

There had been an observation post specially placed by the Navy during war-time, and since 1942 electric-power generated by the Diesel engine for use of the "search-light" was furnished by the Navy for the purpose of air defence.

3)

At the end of the war, the U.S. Army landed at the island and were about to blow up the facility, when all the people in this island made an earnest petition to the Army. Consequently, the facility was handed over to them for the purpose of lightning. Ever since then, the people owe the facility to the U.S. Army.

4)

As the facility was returned to the Home Affairs Dep't in June, 1946 (though it was now clarified to be a mistake) the Japan Special Goods Transaction Committee admitted to lend this to Iwakuni City on July 10, 1946.

Under the circumstances, the people from each house offered a few thousands of yens, a sum of more than half a million yen, were totally put in restoration of the facility.

And thus, the wires were stretched over the island and all the houses were lightened for the first time. That was the epoch-making unusual thing for the islanders and they are very delighted to be shared in the benefit of the cultural life.

5)

Though the facility was specified as the reparation object at this time, as this had once been saved from destruction according to petition by the island people and also in a point of view to maintain the cultural level of the isolated island far off the main land, we should be much obliged if you would be so kind enough to return this facility to us as ever.



C O P Y

HEADQUARTERS  
YAMAGUCHI MILITARY GOVERNMENT TEAM  
YAMAGUCHI, HONSHU, JAPAN  
APO 317

10 May 1947

MEMO TO: Headquarters, BCAIR IWAKUNI

THRU: BCOF Military Government Liaison Office  
Yamaguchi Detachment

SUBJECT: Loan of Reparation Equipment

1. By authority contained in 2nd Ind, Headquarters Eighth Army, AG 386.3 (MG-Em), dated 30 April 1947, reparations items listed in attached inclosure No 1 are released on a temporary basis to Headquarters BCAIR Iwakuni.

2. In order to effect release, please present copy of this letter to the plant superintendent, Iwakuni Fuel Depot.

FRANCIS T JUSTICE  
MAJOR, CE.  
COMMERCE & INDUSTRY OFFICER

Incl:

1 - List of reparations machines

List of reparations machines requested by Headquarters, BCAIR for dependent housing:

45-5-47 : 1.2  
3.4  
18  
19  
20, 21, 22  
23, 24  
27  
28  
29  
32  
33  
36  
38

19

Total number of inventoried reparations items: 19

Inclosure No 1.

C O P Y







HEADQUARTERS  
CHUGOKU CIVIL AFFAIRS REGION  
APO 182

CCAR 386.3 (D-Lo)

30 September 1950

MEMORANDUM FOR: Chugoku Finance Bureau

THROUGH: Chugoku Liaison and Coordination Office

SUBJECT: Funds for Consolidation of Repairs Equipment at Plant  
45-5

## 1. References:

a. Memorandum for Repairs Agency, Japanese Government, 387.6 (2 June 50)CFC/EX, 11 September 1950, subject: "Expenditure of Funds for Maintenance, Centralization of Machines, and Repair of Buildings in Repairs Plants".

b. Application of Iwakuni Property Custodian Branch, Chugoku Finance Bureau, subject: "Application for Consolidation Work", 11 September 1950.

2. Request for repairs funds, as specified in reference 1b, to effect consolidation of repairs equipment at Iwakuni Fuel Depot is approved.

3. Upon completion of consolidation work, report will be submitted to this headquarters.

1 Incl  
Applic. of Iwakuni  
Prop. Custodian  
Branch

C. N. BAILEY  
Colonel, Inf  
Chief

MANUFACTURING  
AND INDUSTRY  
FILE 45-5

Sec. VII

Subject File 123

BSS  
NKK

2 Oct 50

210

Zoon-1558



IWAKUNI PROPERTY CUSTODIAN BRANCH  
CHUGOKU FINANCE BUREAU

September 11, 1950

To: Chief, Chugoku Civil Affairs Region  
Kure

Subject: Application for Consolidation Work

Building No. 106 which contains reparation equipments is a wooden ware-house converted from a barrack that formerly owned by a contractor, and is in a condition that the stored equipments may anytime fall down on the ground owing to decay of its wooden floor. In case it is to be repaired, a tremendous cost may be required, because the equipments must be removed before repair is commenced and restored when completed. Consequently, we hereby respectfully file this application for your approval of the following consolidation project by which the reparation equipments in the said building are to be removed to the building No. 97 which has enough extra storing space.

1. Code No.: 45-5
2. Name of Plant: Iwakuni Ex-Army Fuel Depot
3. Location: Shozoku, Iwakuni-shi, Yamaguchi-ken
4. Period of Work: 10 days
5. Description of Work:

Consolidation:

- (a) Number of Machine: 29
  - (b) Weight: 15,580 Kg.
  - (c) Move from Bldg. No. 106 to Bldg. No. 97.
  - (d) Distance: 50 meters
6. Cost:
    - (a) Materials (Excluding Materials on Hand)  
None



## (b) Labor

<u>Kind of Work</u>	<u>Number of Man-day</u>	<u>Wage</u>	<u>Total Cost</u>
Skilled Hand for Heavy Weight Handling	18	¥285	¥ 5,130
Labor(Heavy Work)	27	¥200	¥ 5,400
Labor(Light Work)	27	¥150	¥ 4,050
Total:			¥ 14,580

## (c) Rent &amp; Hireage

<u>Item</u>	<u>Total No. of Waggon</u>	<u>Unit Price</u>	<u>Total Price</u>
Waggon	3	¥ 800	¥ 2,400
Total:			¥ 2,400

(d) Others: Tax 150

Grand Total: ¥17,130

*Seiji Yamamoto*  
Seiji Yamamoto  
Chief

September 11, 1950