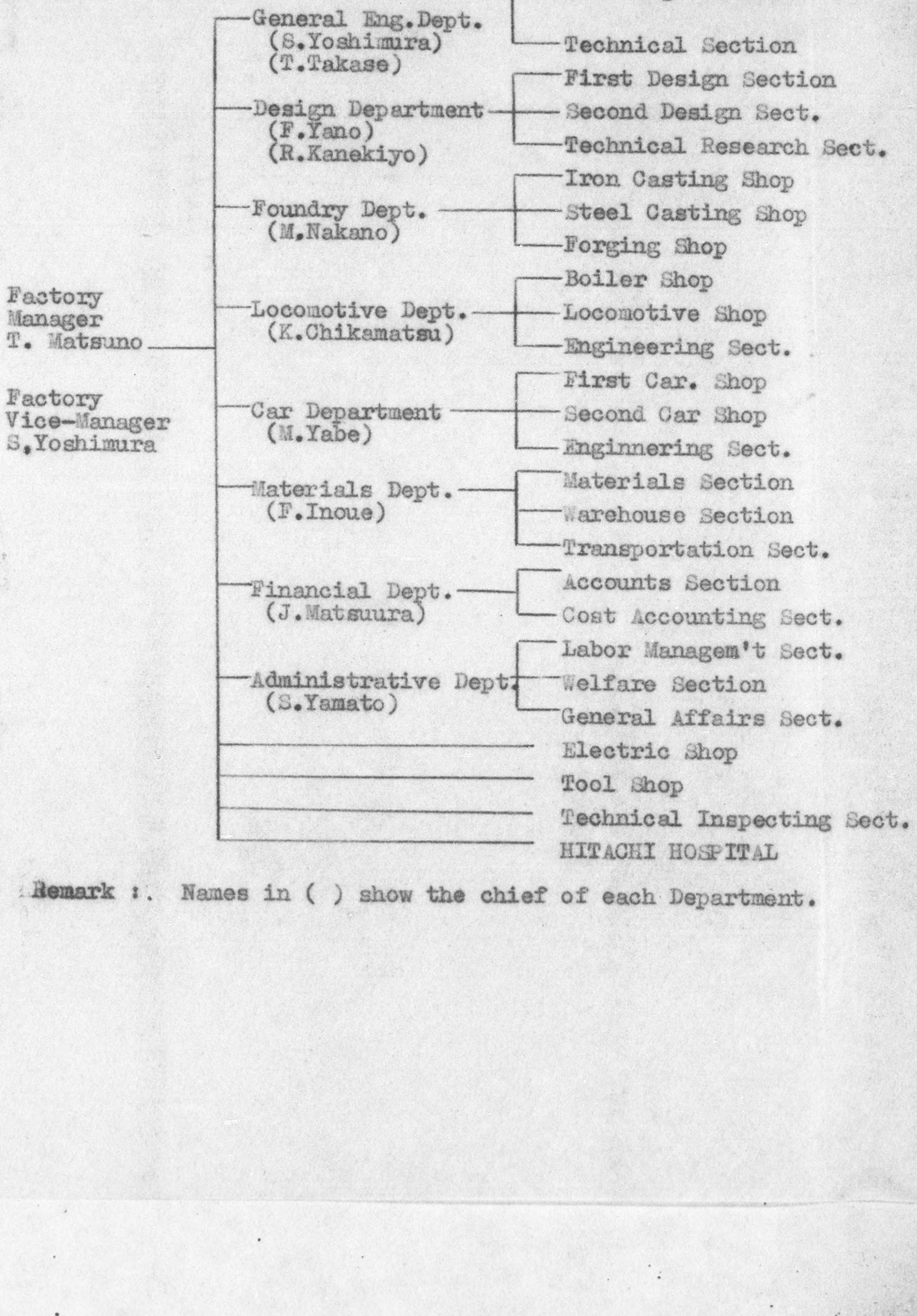
DECLASSIFIED E.O. 11652 SECTION 3 (E)/NNSC NO. [illegible]

11. Organization



Remark : Names in ( ) show the chief of each Department.

DECLASSIFIED E.O. 12065 SECTION 3 402/MNSC NO:

12. Employees (As of ~~March~~ May, 20, 1950)

	Male	Female	Total
Workers	~~2,361~~ 2,380	~~88~~ 69	~~2,449~~ 2,449
Staff of Technical Work.....	~~492~~ 469	~~11~~ 11	~~503~~ 480
Staff of Clerical Work	~~207~~ 256	~~133~~ 132	~~340~~ 388
Total	~~3,060~~ 3,005	~~232~~ 224	~~3,292~~ 3,229 − 85 = 804 − 49 Discharge

13. Production Capacity

Type	Max. Production Result. (Average from Mar. to Aug. 1941.)	Present Production Capacity	Remarks.
Steam Locomotive	13.8	4.75	Converted in D51 type loco.
Electric Locomotive	———	2.00	Converted in EF-15 type loco.
Passenger coach and Electric Car	10.8	12.50	Converted in OHA type car.
Freight Car.	82.8	58.00	Converted in TOMU type car.

Note : The above figure show the produced units per month.

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

14. Actual Results of Production.

Units	Production from the beginning to ~~March~~ May, 1950.
New Built	
Steam locomotive	~~1,746~~ 1746
Electric Locomotive	~~267~~ 267
Internal Combustion Locomotive	~~11~~ 15
Passenger Coach and Electric Car	~~797~~ 821
Freight Car	~~7,530~~ 7561
Repair	
Steam Locomotive	~~444~~ 449
Passenger coach Electric Car	21 21
Freight Car.....	~~949~~ 949

DECLASSIFIED E.O. 12065 SECTION 3 402/NNDS NO: [redacted]

15. Actual Results of Export

Total units Producted for export from the beginning to March, 1950.

Units	
Steam Locomotive	759
Electric Locomotive	59
Internal Combustion Locomotive	3
Fireless Locomotive	1
Battery Locomotive	11
Passenger Coach & Electric Car	206
Freight Car	345
Locomobile	13
Total	1397

- The end -

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

FIELD TRIP REPORT

R.G. STRADLEY

2 March 1950

1. Purpose:

Inspection at Hitachi Company. Ltd. Kasado Rolling Stock Works.

2. Background:

Surveillance in accordance with O.D. 51.

3. Discussion:

This plant has 3400 employees and presently faces no labor problem. Plant director states that although they have no difficulty in the supply of material due to decontrol of materials the firm is suffering over the general problem of financial difficulties. Although the low calory Ube Coal is available from a nearby source the plant uses Kyushu coal because the handling of low calory coal means more labor expense and on the whole would be less profitable. The plant has a dead stock of five Mikado type 4½ feet gauge locomotives which were originally destined for China but due to the situation in China, the Chinese market was cut off. The plant has no prospective buyers at present but hopes to sell them to South Korea which is the only other country in the Far East using the same gauge. The electric consumption of the plant per month is 500 to 600 thousand KWH which is approximately 10% over their monthly allocation. Their electricity expense has increase from 1.5% to 4% of the total production cost since the new electricity rate came into effect. Only 10% of their rolling stock products is sold to the Government railway, others are sold to private railway companies. The plant is also manufacturing 16 boilers for 8th Army.

4. Conclusion:

Financial difficulty is also seen here but if the five locomotives costing 9 million yen each ~~can be~~ sold, this will releive the plant considerably as ~~they hope to~~ sell them at 14 million yen each.

5. Recommendation:

None.

RGS

R.G. Stradley.

D/RGS/st

HITACHI

STEAM LOCOMOTIVES

—1950—

KASÁDO ROLLING STOCK WORKS.

HITACHI. LTD.

HITACHI STEAM LOCOMOTIVES

HITACHI,LTD., has devoted itself for over twenty years to acquire the practical experiences and the most advanced skill in the designing and building of Steam Locomotives.

Hitachi's locomotive factory manufactures Steam,Electric,Fireless, Diesel and Gasoline Locomotives, Railway Carriages, Cars, and the like. It has multiplied its capacity in recent years to meet with the rapidly increased demand, equipping itself with a good number of the up-to-date machine tools especially designed for the rapid production of locomotive parts which are doing high class work under a complete system of templates, jigs and gages.

Hitachi, Ltd., maintains a position to supply locomotives of the highest standard that the modern engineering skill can be achieved. Any improvement to be embodied in the design and construction of the modern locomotives has never been overlooked, and the recent innovations such as the adoption of superheated steam, roller bearings, streamlined models, special alloy steel, and arc welding, have well been mastered.

Hitachi,Ltd., has for many years supplied the Japanese Government Railways with various types of locomotives, which are on the main lines service with satisfactory results.

Hitachi's activity has been extended to the exportation of locomotives of the various types & sizes, which have been built in accordance with the requirements of oversea users.

The types and designs of steam locomotives are illustrated in the following pages.

Hitachi, Ltd., is ready to supply such locomotives as to meet with the requirements of foreign users.

HITACHI TENDER LOCOMOTIVES

The Tender Locomotive is a combination of an engine and a tender for fuel and water, the latter being directly connected to the back of the engine. In case of the tender locomotive, the boiler can be made larger than that of the corresponding tank locomotive, as a desired space for fuel and water is furnished by the tender. This feature will make the tender locomotive suitable for heavy and long distance train service. The weight on the driving wheels being constant, the valve gears and other working parts can operate maintaining their proper positions, so that the locomotive is capable of running speedily. Moreover, the tender locomotive can give a good accessibility to every parts thereof, and good forward observation.

Owing to these desirable features, almost of all locomotives of large capacity are tender locomotives excepting those intended for special services.

In the following pages the Tender Locomotives of the various standards to be used for passenger or freight service are illustrated accompanied by essential particulars.

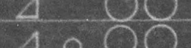
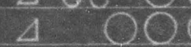
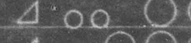
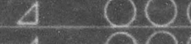
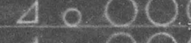
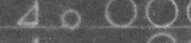
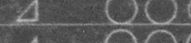
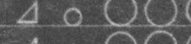
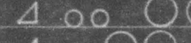
When ordering, the same particulars as called for the tank locomotives should be given.

DECLASSIFIED E.O. 12065 SECTION 3 NND 760

HITACHI STANDARD TANK LOCOMOTIVES

The Tank Locomotive has the coal bunker and water tank built on its own frame, so that the weight on the driving wheels is larger than that of the tender locomotive of the same capacity. This enables the engine to exert a stronger pull relatively. Besides, the tank locomotive can be driven forward and backward without changing its direction by the aid of turntable. Because of these features, tank locomotives are used advantageously for a railway of a short distance, or of a steep gradient, such as in civil or mining work, factory yards, railway switching or shunting yards, local train service, etc.

STEAM LOCOMOTIVE CLASSIFICATION

TYPE		ARRANGEMENT OF WHEEL	NAME
CONTINENTAL	WHYTE		
B	0-4-0		4- Coupled
1 B	2-4-0		4- Coupled Leading Wheel
B 1	0-4-2		4- Coupled Trailing Wheel
1 B 1	2-4-2		Columbia
2 B	4-4-0		8- Wheel or American
2 B 1	4-4-2		Atlantic
C	0-6-0		6- Coupled
1 C	2-6-0		Mogul
C 1	0-6-2		6- Coupled Trailing Wheel
1 C 1	2-6-2		Prairie
2 C	4-6-0		10- Wheel
C 2	0-6-4		6- Coupled Trailing Bogie
2 C 1	4-6-2		Pacific
1 C 2	2-6-4		Double - Ender
2 C 2	4-6-4		Baltic (for tank type) Hudson (for tender type)
D	0-8-0		8- Coupled
1 D	2-8-0		Consolidation
1 D 1	2-8-2		Mikado
2 D	4-8-0		12- Wheel
2 D 1	4-8-2		Mountain
E	0-10-0		10- Coupled
1 E	2-10-0		Decapod
1 E 1	2-10-2		Santa Fe
2 E	4-10-0		Mastodon
1 B B	2-4+4-0		Mallet Articulated
C C	0-6+6-0		Mallet Articulated
1 C C 1	2-6+6-2		Mallet Articulated
D D	0-8+8-0		Mallet Articulated

MAIN TYPES OF STEAM LOCOMOTIVES SUPPLIED BY HITACHI ENGINEERING WORKS, LTD.

TENDER LOCOMOTIVES

GAGE	TYPE		CLASSIFICATION			DESTINATION		
1000 mm	Mikado	2-8-2				Siam		
	Pacific	4-6-2				Siam		
1067 mm	Mogul	2-6-0	C56			Japan		
	Mikado	2-8-2	D50	D51	D52	Japan	Formosa	
	Pacific	4-6-2	C55	C57	C59	Japan		
	Hudson	4-6-4	C62			Japan		
1435 mm	10-Wheel	4-6-0	Tehoro			Korea		
	Mikado	2-8-2	Mikai	Mikasa	Mikaro	Manchuria	China	Korea
	Pacific	4-6-0	Pashishi	Pashiro	Pashiha	Manchuria		
	Mountain	4-8-2	Matei			Manchuria		

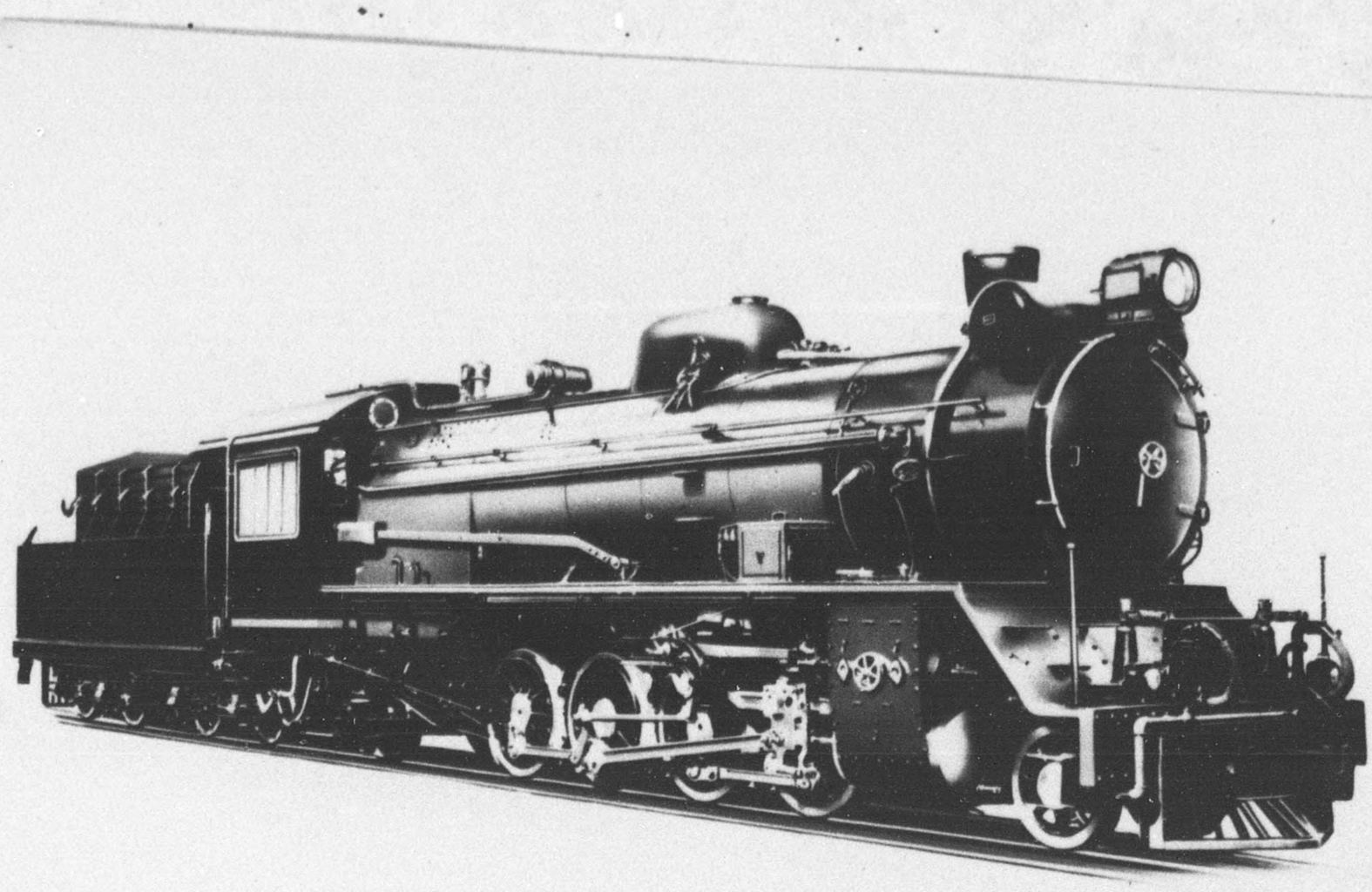
TANK LOCOMOTIVES

GAGE	TYPE		CLASSIFICATION	DESTINATION	
1067 mm	Double Ender	2-6-2	C12	Japan	Saghalien
	Double Ender	2-6-4	C11	Japan	
1435 mm	Double Ender	2-6-2	Purena	Korea	
	Double Ender	2-6-4	Dabuni	Manchuria	

Beside the above mentioned tank locomotives, we have manufactured various types of them.

DECLASSIFIED E.O. 12065, Sec. 3.5, NWD 9

DECLASSIFIED E.O. 12065 SECTION 3 (E)(1)(2)(3) NLS



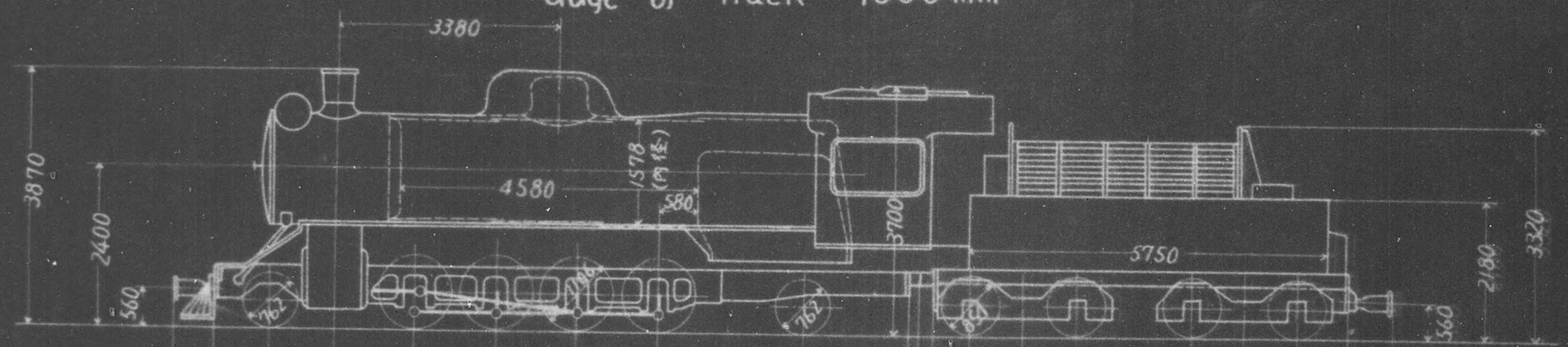
MIKADO TYPE STEAM LOCOMOTIVE FOR R.S.R. OF SIAM

HITACHI LTD
AUG 10 1949

笠井八一

MIKADO TYPE / SUPERHEATED STEAM TENDER LOCOMOTIVE

Gage of Track 1000 mm



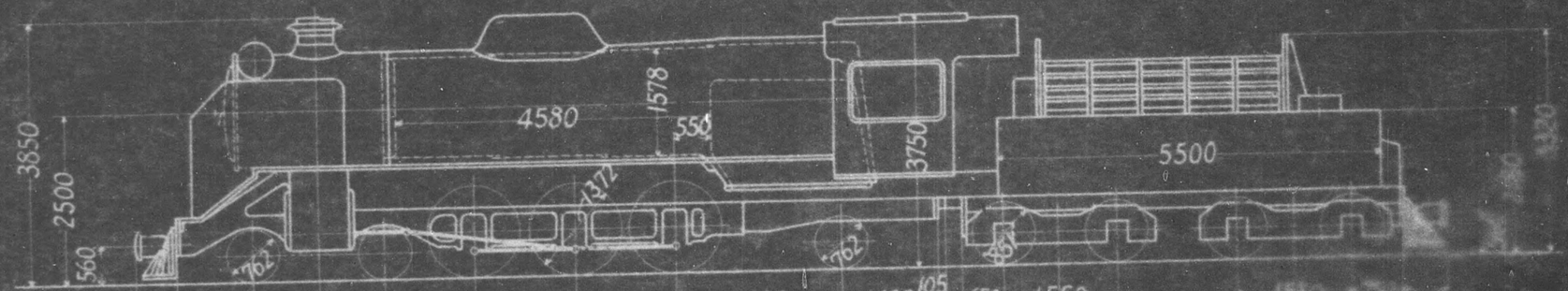
Cylinders, number-diameter and stroke	2-450mm×610mm	Weight on drivers in working order	40·510 Kgs
Boiler pressure	13 Kg/cm²	Total weight of engine in working order	57·600 Kgs
Grate area	3 m²	Weight of empty tender	16·000 Kgs
Firebox, length and width	2026mm×1480mm	Weight of tender in working order	35·500 Kgs
Tubes, number and diameter	126 : 51mm	Water tank capacity	15 m³
Flues, number and diameter	22 : 133mm	Fuel capacity	10 m³
Heating surface, firebox	12·1 m²	Tractive force at 75% of boiler pressure	10·950 Kgs
Heating surface, tubes and flues	122·4 m²	Factor of adhesion	3·70
Heating surface, total evaporative	134·5 m²	Valve gear, type	Walschaert
Superheating surface	40·7 m²	Valves, type	Piston
Boiler water capacity	6·76 m³		
Weight of empty engine	49·700 Kgs		

日立製作所笠戸工場
日附 昭 25-2-14

K-1279

PACIFIC TYPE SUPERHEATED STEAM TENDER LOCOMOTIVE

Gage of Track 1000 mm.

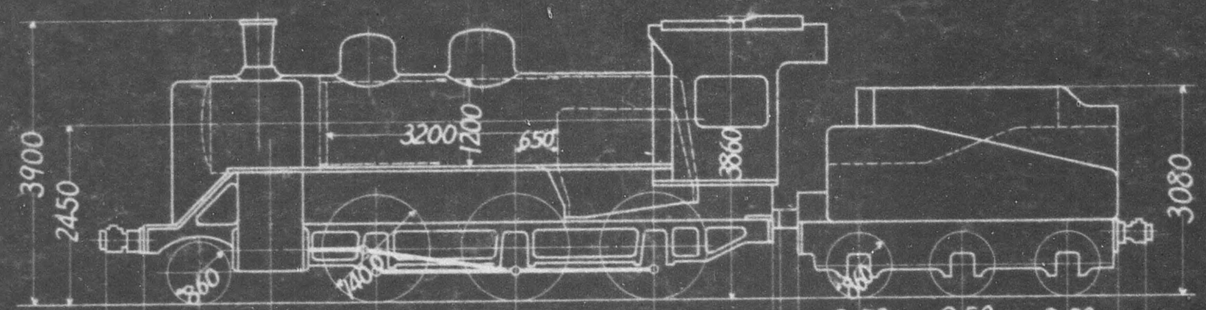


Cylinders, number—diameter and stroke	2-450mm×610mm	Weight on drivers in working order	31,500 kgs
Boiler pressure	13 kg/cm²	Total weight of engine in working order	58,000 kgs
Grate area	3 m²	Weight of empty tender	16,000 kgs
Firebox, length and width	2026mm×1480mm	Weight of tender in working order	35,500 kgs
Tubes, number and diameter	126 : 51 mm	Water tank capacity	15.0 m³
Flues, number and diameter	22 : 130 mm	Fuel capacity	10.0 m³
Heating surface, firebox	12.1 m²	Tractive force at 75% of boiler pressure	8,780 kgs
Heating surface, tubes and flues	122.4 m²	Factor of adhesion	3.59
Heating surface, total evaporative	134.5 m²	Valve gear, type	Walschaert
Superheating surface	40.7 m²	Valves, type	Piston
Boiler water capacity	6.76 m³		
Weight of empty engine	51,300 kgs		

F3-1204

2-6-0 SUPERHEATED STEAM TENDER LOCOMOTIVE Type C56

Gage of Track 1067 mm.



Working order	5·87	10·60	10·55	10·61	8·72	9·59	9·59
Empty	5·55	10·02	9·38	9·32	4·46	4·22	4·22

525 750 1000 1450 1900 1900 1615 225 105 805 1500 1500 650 400

2450 3800 2750 3000

6250

12000

9245 5080

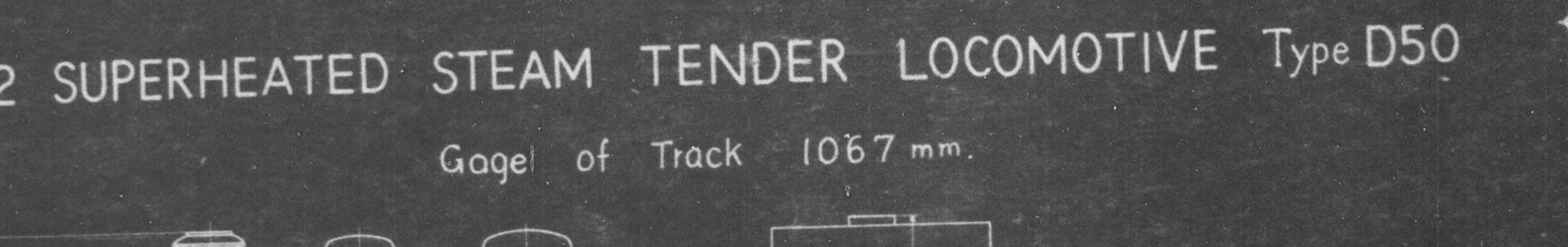
14325

Cylinders, number – diameter and stroke	2-400×610 mm	Weight of empty engine	34·27 tons
Boiler pressure	14 kg/c m²	Weight on drivers in working order	31·76 tons
Grate area	1·30 m²	Total weight of engine in working order	37·63 tons
Tubes, number and diameter	68 : 45 mm	Weight of empty tender	12·90 tons
Flues, number and diameter	16 : 127 mm	Weight of tender in working order	27·90 tons
Heating surface, firebox	7·4 m²	Tender capacity	10 m³ – 5 tons
Heating surface, arch tubes	0·9 m²	Tractive force at 85% of boiler pressure	8,300 kgs
Heating surface, tubes and flues	46·1 m²	Factor of adhesion	3·82
Heating surface, total evaporative	54·4 m²	Valve gear, type	Walschaert
Superheating surface	19·8 m²	Valves, type	piston
Boiler water capacity	2·9 m³		

Fb-1212

2-8-2 SUPERHEATED STEAM TENDER LOCOMOTIVE Type D50

Gage of Track 1067 mm.



Working order	8·12	14·45	14·57	14·87	14·60	11·64	11·84	12·30	12·86	12·76
Empty	7·69	13·56	13·51	13·38	12·68	9·53	5·09	5·28	4·88	5·06

525 980 1120 1420 1570 1570 1570 2350 1480 245 1600 1750 1600 850 400

4710 78 895 3350

9600 2698 4950

17248 7340

12663

20003

Cylinders, number – diameter and stroke	2-570x660 mm	Weight of empty engine	70·35 tons
Boiler pressure	13 kg/cm²	Weight on drivers in working order	58·49 tons
Grate area	3·25 m²	Total weight of engine in working order	78·25 tons
Tubes, number and diameter	90 : 57 mm	Weight of empty tender	20·31 tons
Flues, number and diameter	28 : 140 mm	Weight of tender in working order	49·76 tons
Heating surface, firebox	13·5 m²	Tender capacity	17m³ – 12 tons
Heating surface, arch tubes	1·7 m²	Tractive force at 85% of boiler pressure	16,900 kgs
Heating surface, tubes and flues	142·7 m²	Factor of adhesion	3·46
Heating surface, total evaporative	157·9 m²	Valve gear, type	Walschaert
Superheating surface	64·4 m²	Valves, type	piston
Boiler water capacity	7·4 m³		

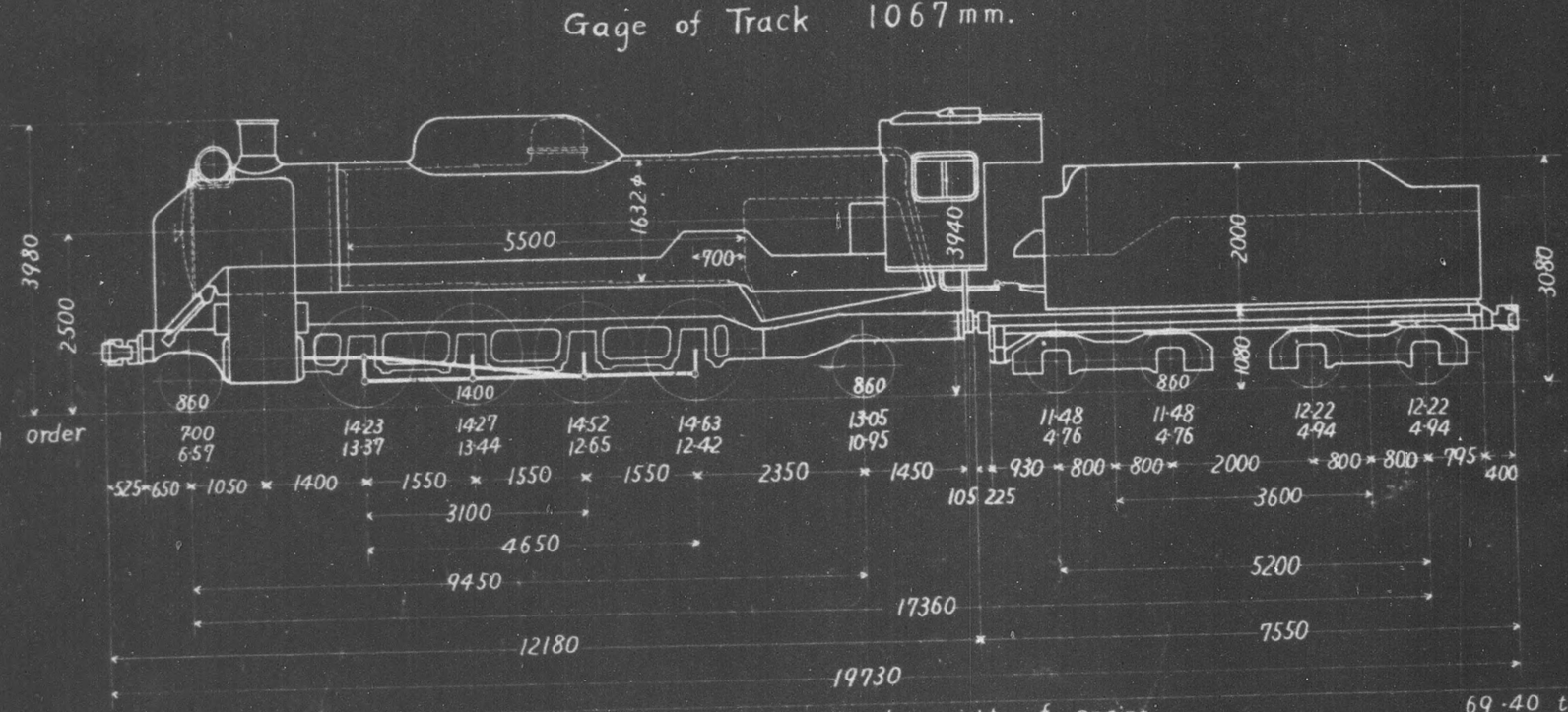
TR-1210

DECLASSIFIED E.O. 12065 SECTION 3 (E)(2) NND

22-2-19

2-8-2 SUPERHEATED STEAM TENDER LOCOMOTIVE Type D51

Gage of Track 1067 mm.



Cylinders, number – diameter and stroke	2 – 550 mm × 660 mm	Empty weight of engine	69·40 tons
Boiler pressure	14 kg/cm²	Weight on drivers in working order	57·65 tons
Grate area	3·27 m²	Total weight of engine in working order	77·70 tons
Tubes, number and diameter	90 : 57 mm	Empty weight of tender	19·40 tons
Flues, number and diameter	28 : 140 mm	Weight of tender in working order	47·40 tons
Heating surface, fire box	12·7 m²	Tender capacity	20 m³ – 8 tons
Heating surface, arch tubes	1·7 m²	Tractive force at 85 % of boiler pressure	16,970 kgs
Heating surface, tubes and flues	142·7 m²	Factor of adhesion	3·40
Heating surface, total evaporative	157·1 m²	Valve gear, type	Walschaert
Superheating surface	64·4 m²	Valves, type	Piston
Boiler water Capacity	7·4 m³		

No 11184

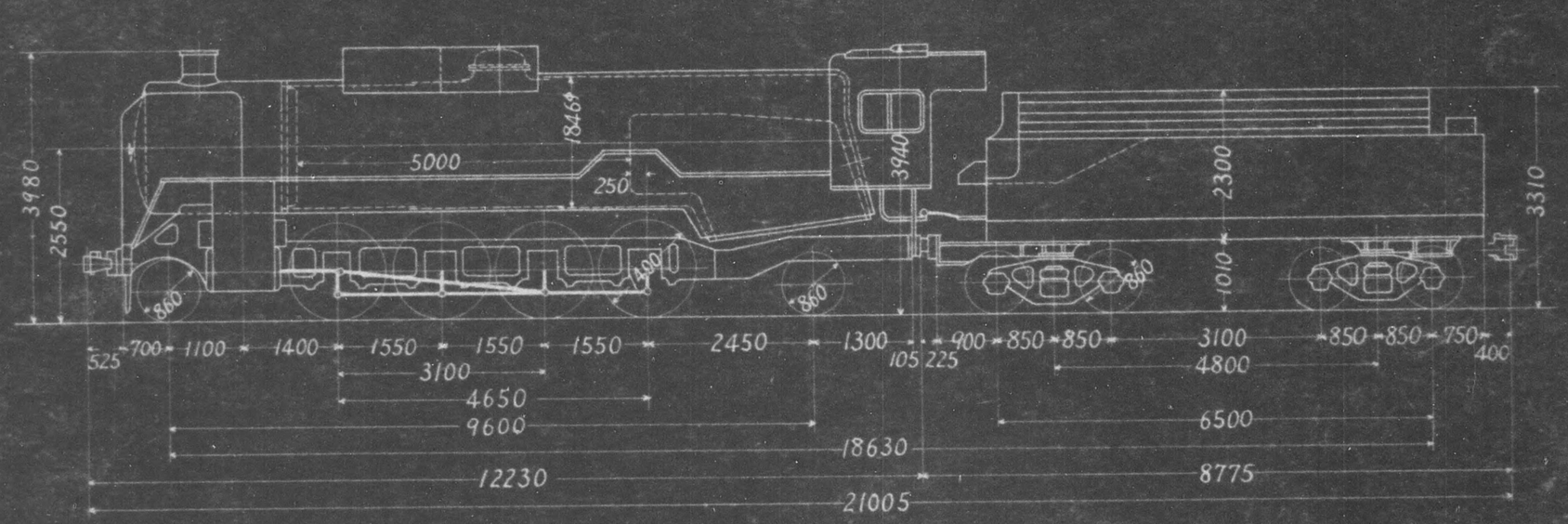
DECLASSIFIED E.O. 12065 SECTION 3 NND 963

DECLASSIFIED E.O. 12065 SECTION 3 4027/NARS

22-2-19

2-8-2 SUPERHEATED STEAM TENDER LOCOMOTIVE Type D52

Gage of Track 1067 mm.

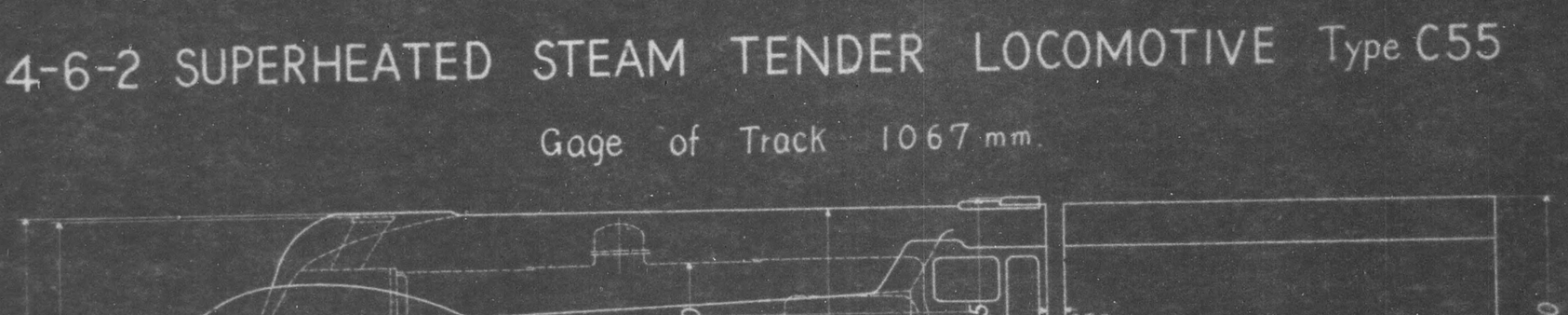


Cylinders, number-diameter and stroke	2-550×660 mm	Weight on drivers in working order	65 tons
Boiler pressure	16 kg/cm²	Total weight of engine in working order	85 tons
Grate area	3.85 m²	Empty weight of tender	18 tons
Tubes, number and diameter	94 : 57 mm	Weight of tender in working order	55 tons
Flues, number and diameter	35 : 140 mm	Tender capacity	25m³-12 tons
Heating surface, fire box	17.9 m²	Tractive force of 85% of boiler pressure	19,390 Kgs
Heating surface, arch tubes	2.2 m²	Factor of adhesion	3.35
Heating surface, tubes and flues	147.4 m²	Valve gear, type	Walschaert
Heating surface, total evaporative	167.5 m²	Valves, type	Piston
Superheating surface	77.4 m²		
Boiler water capacity	9.5 m³		
Empty weight of engine	74 tons		

社1185

4-6-2 SUPERHEATED STEAM TENDER LOCOMOTIVE Type C55

Gage of Track 1067 mm.



Working order	7·08	7·08	13·85	13·99	13·85	12·15	11·38	11·38	13·08	13·08
Empty	7·00	7·00	12·24	12·54	12·24	10·58	4·82	4·82	5·14	5·14

825 2120 1600 1900 1900 2480 1505 225 650 850 850 1900 850 850 695
525 105 3600 450
2660 3800 2485 5300
10000 17785
12960 7320
20280

Cylinders, number – diameter and stroke	2-510×660 mm	Weight of empty engine	61·60 tons
Boiler pressure	14 kg/cm²	Weight on drivers in working order	41·69 tons
Grate area	2·53 m²	Total weight of engine in working order	68·00 tons
Tubes, number and diameter	84: 57 mm	Weight of empty tender	19·92 tons
Flues, number and diameter	18: 140 mm	Weight of tender in working order	48·92 tons
Heating surface, firebox	11·4 m²	Tender capacity	17 m³-12 tons
Heating surface, arch tubes	1·0 m²	Tractive force at 85% of boiler pressure	11,700 kgs
Heating surface, tubes and flues	115·0 m²	Factor of adhesion	3·56
Heating surface, total evaporative	127·4 m²	Valve gear, type	Walschaert
Superheating surface	41·4 m²	Valves, type	piston
Boiler water capacity	5·8 m³		

#3-1209

DECLASSIFIED E.O. 12065 SECTION 3 NARS

4-6-2 SUPERHEATED STEAM TENDER LOCOMOTIVE Type C57

Gage of Track 1067 mm

Working order	7·10	7·10	13·68	13·96	13·68	11·98	11·02	11·02	12·71	12·71
Empty	7·10	7·10	11·92	12·38	11·92	10·28	4·48	4·48	4·75	4·75

525 825 2120 1600 1900 1900 2480 1505 220 110 850 800 800 1900 800 800 795 400

2660 3800 2685 3500

10000 17785 5100

12965 7365

20330

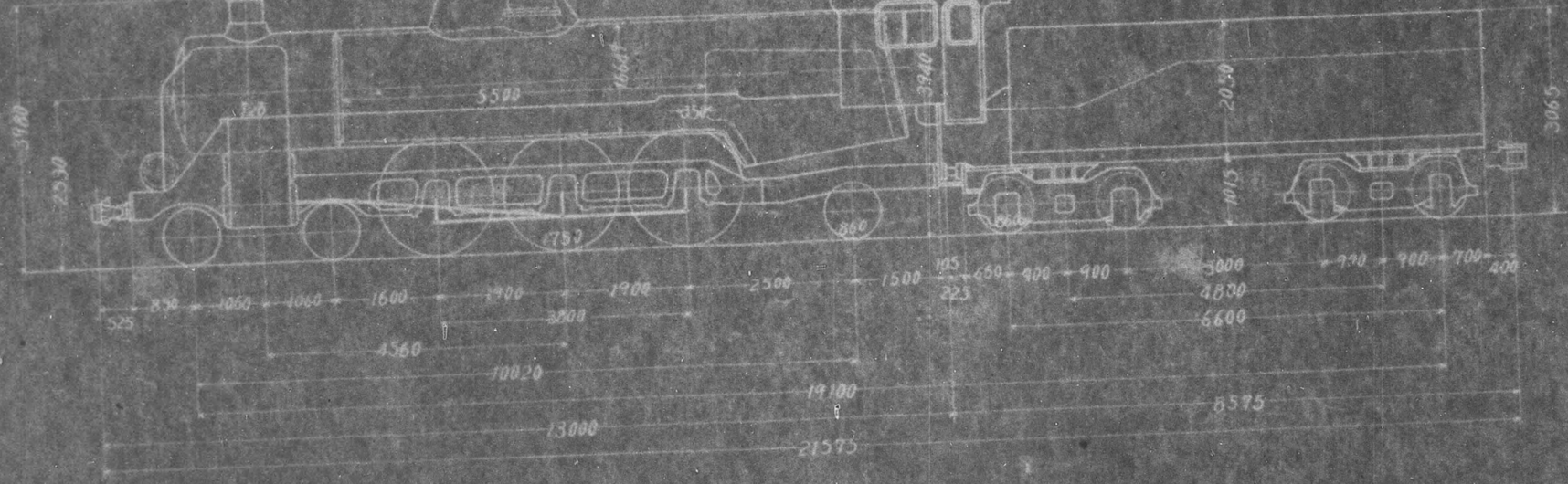
Cylinders, number – diameter and stroke	2-500×660 mm	Weight of empty engine	60·70 tons
Boiler pressure	16 kg/cm²	Weight on drivers in working order	41·32 tons
Grate area	2·53 m²	Total weight of engine in working order	67·50 tons
Tubes, number and diameter	84 : 57 mm	Weight of empty tender	18·46 tons
Flues, number and diameter	18 : 140 mm	Weight of tender in working order	47·46 tons
Heating surface, firebox	11·4 m²	Tender capacity	17 m³ – 12 tons
Heating surface, arch tubes	1·0 m²	Tractive force at 85% of boiler pressure	12,800 kgs
Heating surface, tubes and flues	115·0 m²	Factor of adhesion	3·23
Heating surface, total evaporative	127·4 m²	Valve gear, type	Walschaert
Superheating surface	41·4 m²	Valves, type	piston
Boiler water capacity	6·0 m³		

44-1211

DECLASSIFIED E.O. 12065 SECTION 3 NARS, Date 4/26/78 By NWD

4-6-2 SUPERHEATED STEAM TENDER LOCOMOTIVE Type C59

Gage of Track 1067 mm.



Cylinders, number - diameter and stroke	2 — 520 mm x 660 mm	Empty weight of engine	71·60 tons
Boiler pressure	16 kg/cm²	Weight on drivers in working order	46·50 tons
Grate area	3·27 m²	Total weight of engine in workig order	80·00 tons
Tubes, number and diameter	52 : 57 mm	Empty weight of tender	18·50 tons
Flues, number and diameter	33 : 140 mm	Weight of tender in working order	53·50 tons
Heating surface, fire box	14·9 m²	Tender capacity	25 m³-10 tons
Heating surface, arch tubes	1·7 m²	Tractive force at 85% of boiler pressure	13870 Kgs.
Heating surface, tubes and flues	120·5 m²	Factor of adhesion	3·35
Heating surface, total evaporative	137·1 m²	Valve gear, type	Walschaert
Superheating surface	80·9 m²	Valves, type	Piston
Boiler water capacity	8·7 m³		

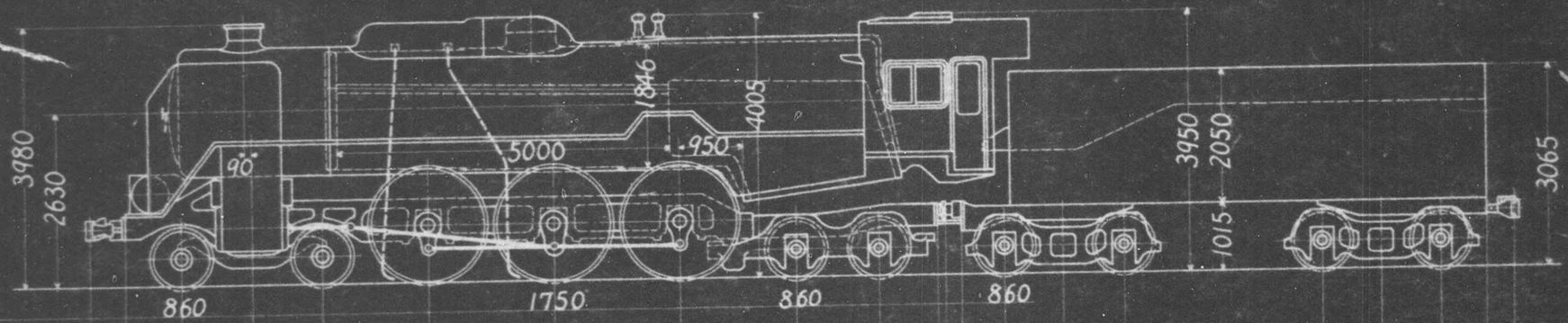
22-2-19

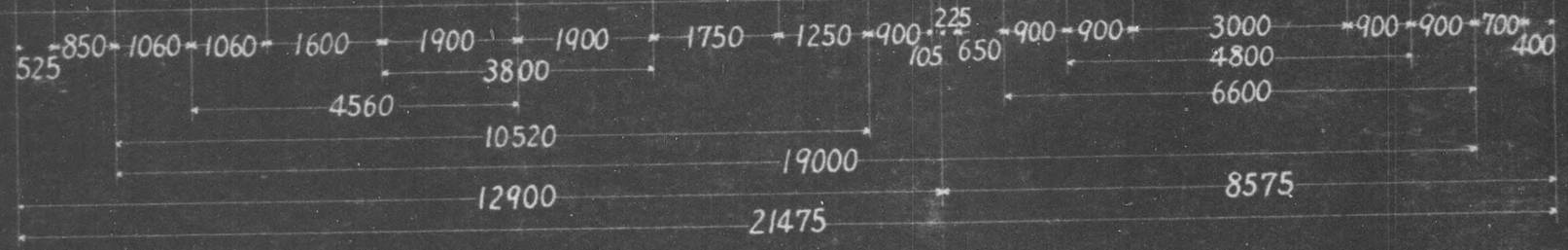
#11187

DECLASSIFIED E.O. 12065 SECTION 3 NND NO.

4-6-4 SUPERHEATED STEAM TENDER LOCOMOTIVE Type C62

Gage of Track 1067 mm.





Cylinders, number – diameter and stroke	2-520x660mm	Weight of empty engine	76·75 tons
Boiler pressure	16 kg/cm²	Weight on drivers in working order	48·6 tons
Grate area	3·85 m²	Total weight of engine in working order	87·07 tons
Tubes, number and diameter	94 : 57 mm	Weight of empty tender	21·0 tons
Flues, number and diameter	35 :140 mm	Weight of tender in working order	56·0 tons
Heating surface, firebox	17·5 m²	Tender capacity	25 m³–10 tons
Heating surface, arch tubes	2·2 m²	Tractive force at 85% of boiler pressure	13,900 kgs
Heating surface, tubes and flues	147·4 m²	Factor of adhesion	3·49
Heating surface, total evaporative	167·1 m²	Valve gear, type	Walschaert
Superheating surface	77·4 m²	Valves, type	piston
Boiler water capacity	9·6 m³		

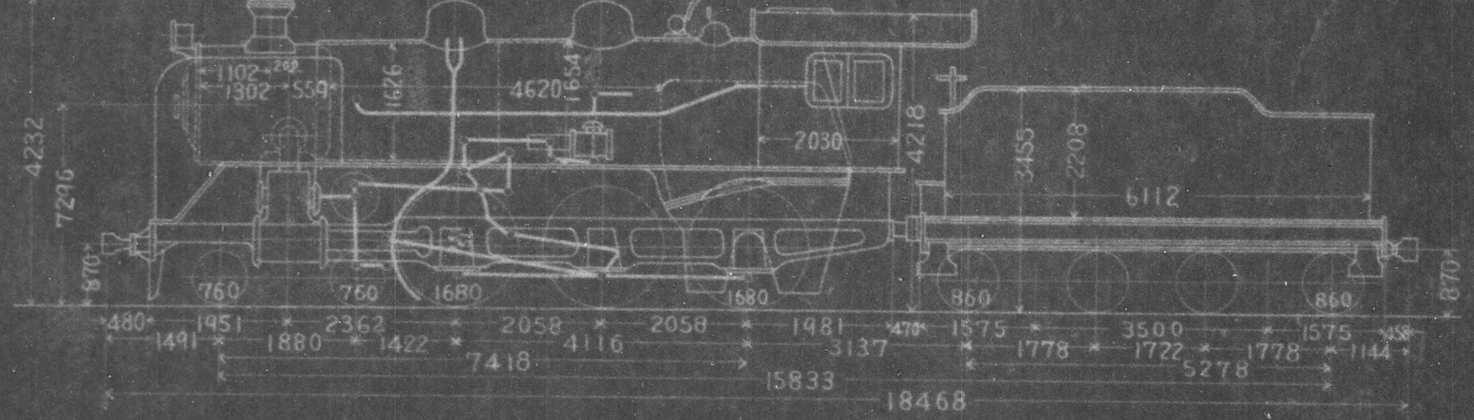
Fig.-1206

DECLASSIFIED E.O. 12065 SECTION 3 NARA, Date

22-3-26

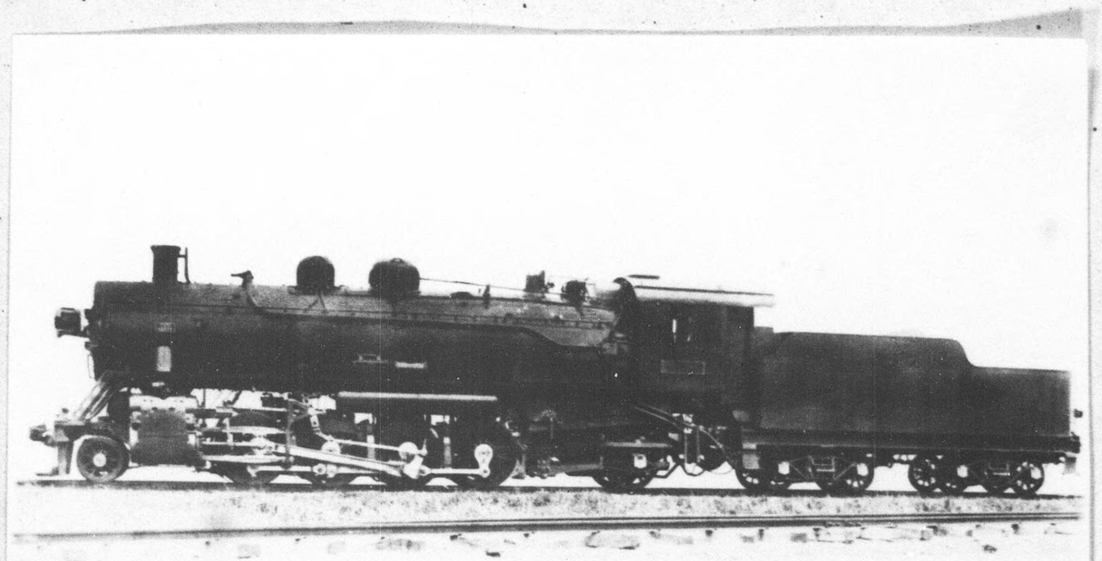
4-6-0 SUPERHEATED STEAM TENDER LOCOMOTIVE Type TEHORO

Gage of Track 1435 mm



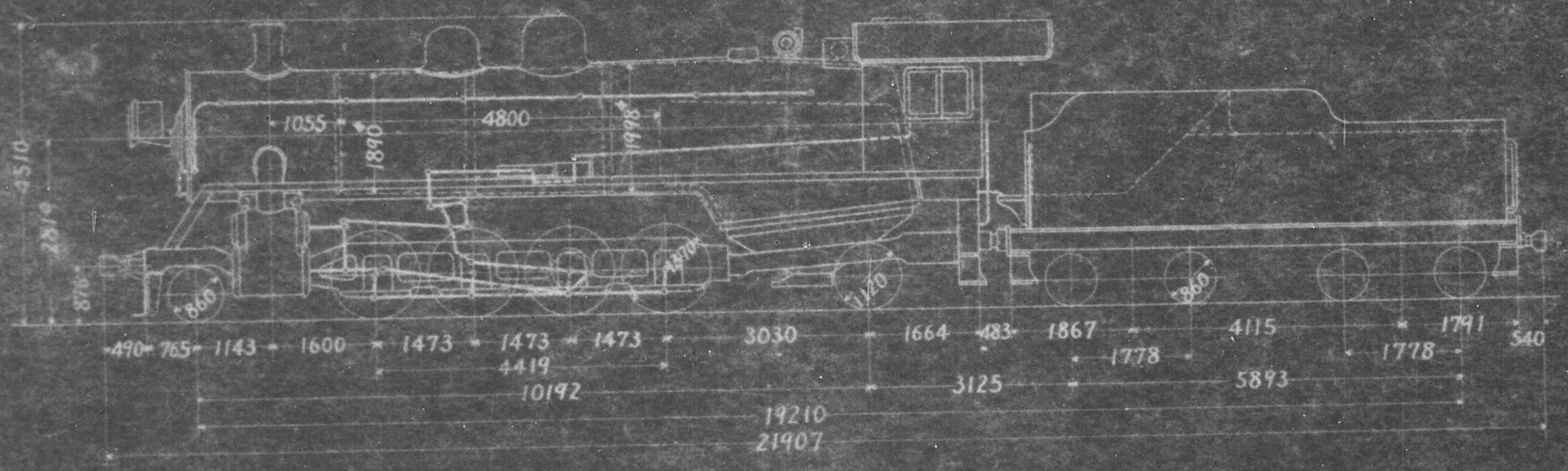
Cylinders, number diameter and stroke	2-530×660mm	Weight of empt engine	68·4 tons
Boiler pressure	13Kg/cm²	Weight on drivers in working order	56·6 tons
Grate area	4·36m²	Weight on front truck in working order	18·5 tons
Fire box length and width	2452×1780mm	Total weight of engine in workig order	75·1 tons
Tubes, number and diameter	150-51mm	Weight of empt tender	23·5 tons
Flues, number and diameter	24-137mm	Weight of tender in working order	53·0 tons
Heating surface, fire box	12·0m²	Tender capacity	20m³ 9·5tons
Heating surface, arch tubes	1·6m²	Tractive force of 85% of boiler pressure	12200 Kgs
Heating surface, tubes and flues	157·2m²	Factor of adhesion	4·64
Heating surface, total evaporative	170·8m²	Valve gear type	Walschaert
Superheating surface	48·3m²	Valves, type	Piston

DECLASSIFIED E.O. 12065 SECTION 3 4027/NWS NO.



2-8-2 SUPERHEATED STEAM TENDER LOCOMOTIVE Type MIKAI

Gage of Track 1435 mm.

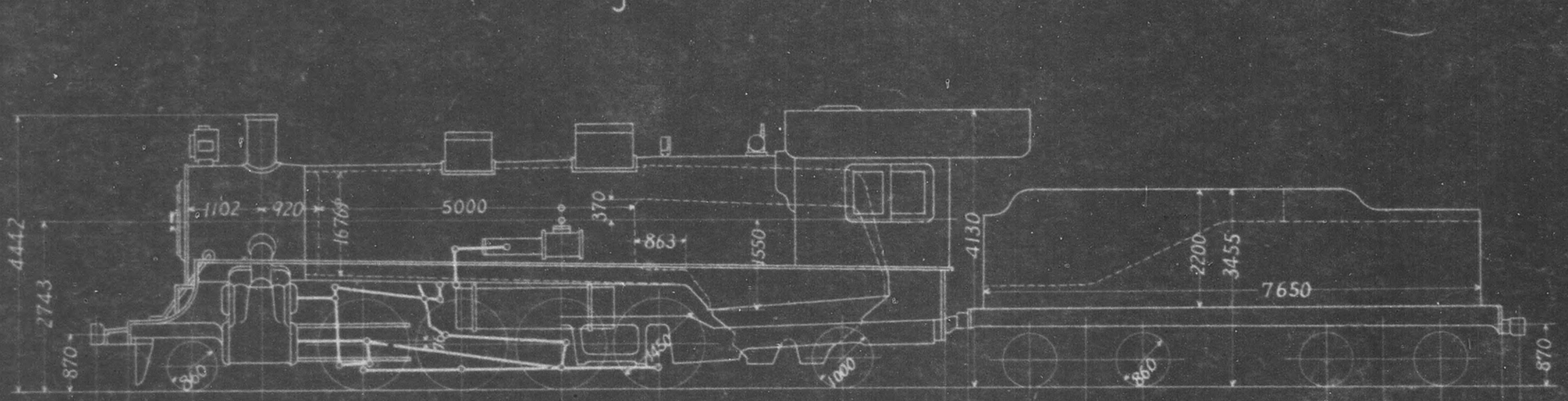


Cylinders, number - diameter and stroke	2 - 580mm x 710mm	Weight on drivers in working order	78,390 kgs
Boiler pressure	14 kg/cm²	Weight on front truck in working order	8,190 kgs
Grate area	5.06 m²	Weight on trailing truck in working order	15,500 kgs
Fire box, length and width	2736mm x 1860mm	Total weight of engine in working order	102,080 kgs
Tubes, number and diameter	145 - 51mm	Empty weight of tender	24,880 kgs
Flues, number and diameter	36 - 137mm	Weight of tender in working order	58,480 kgs
Heating surface, fire box	21.6 m²	Tender capacity	24 m³ - 9.6 tons
Heating surface, tubes	[illegible]	Tractive force at 85 % of boiler pressure	20,740 kgs
Heating surface, total evaporative	[illegible]	Adhesion	3.78
Superheating surface	64.7 m²	Valve gear, type	Walschaert
Empty weight of engine	90,660 kgs	Type	Piston

22-2-19

2-8-2 SUPERHEATED STEAM TENDER LOCOMOTIVE Type MIKASA

Gage of Track 1435 mm.



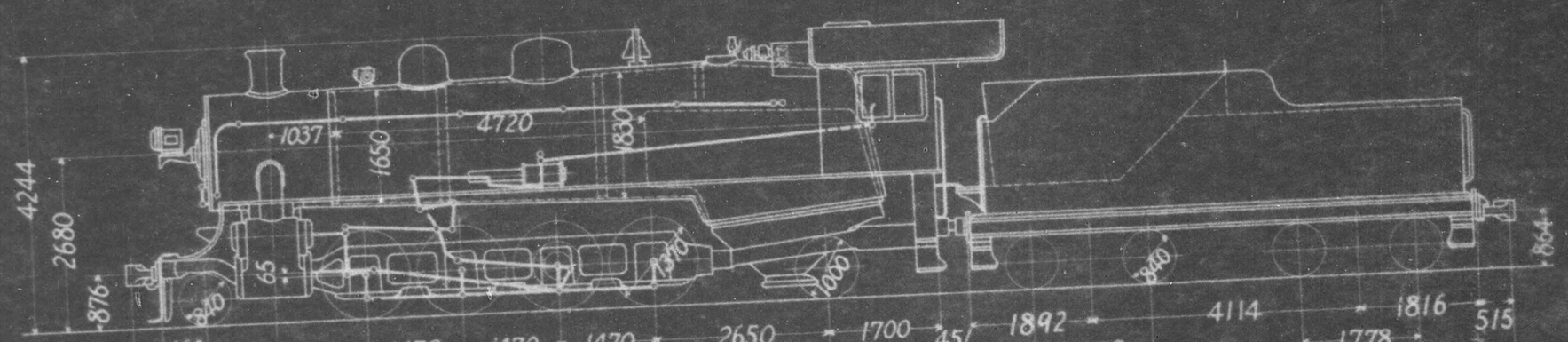
Cylinder, number-diameter and stroke	2-580x710 mm	Weight on drivers in working order	71,000 Kgs
Boiler pressure	14 kg/cm²	Weight on front truck in working order	7,300 Kgs
Grate area	4·75 m²	Weight on trailing truck in working order	12,350 Kgs
Fire box, length and width	2700x1760 mm	Total weight of engine in working order	90,650 Kgs
Tubes, number and diameter	86 : 51 mm	Empty weight of tender	25,800 Kgs
Flues, number and diameter	28 : 140 mm	Weight of tender in working order	65,800 Kgs
Heating surface, fire box	20·0 m²	Tender capacity	29 m³-11 tons
Heating surface, arch tubes	1·7 m²	Tractive force of 85% of boiler pressure	19,600 Kgs
Heating surface, tubes and flues	129·3 m²	Factor of adhesion	3·62
Heating Surface, total evaporative	151·0 m²	Valve gear, type	Walschaert
Superheating Surface	60·0 m²	Valves, type	Piston
Empty weight of engine	81,700 Kgs		

Fig 1186

DECLASSIFIED E.O. 12065 SECTION 3 NND 963

2-8-2 SUPERHEATED STEAM TENDER LOCOMOTIVE Type MIKARO

Gage of Track 1435 mm.



Cylinders, number – diameter and stroke	2-530x710 mm	Weight on drivers in working order	67·15 tons
Boiler pressure	14 kg/cm²	Total weight of engine in working order	90·50 tons
Grate area	4·07 m²	Weight of empty tender	24·88 tons
Tubes, number and diameter	139·51 mm	Weight of tender in working order	58·48 tons
Flues, number and diameter	24·137 mm	Tender capacity	24 m³ – 9·6 tons
Heating surface, firebox	17·4 m²	Tractive force at 85% of boiler pressure	17,300 kgs
Heating surface, arch tubes	1·7 m²	Factor of adhesion	3·88
Heating surface, tubes and flues	152·4 m²	Valve gear, type	walschaert
Heating surface, total evaporative	171·5 m²	Valves, type	piston
Superheating surface	39·3 m²		
Weight of empty engine	80·00 tons		

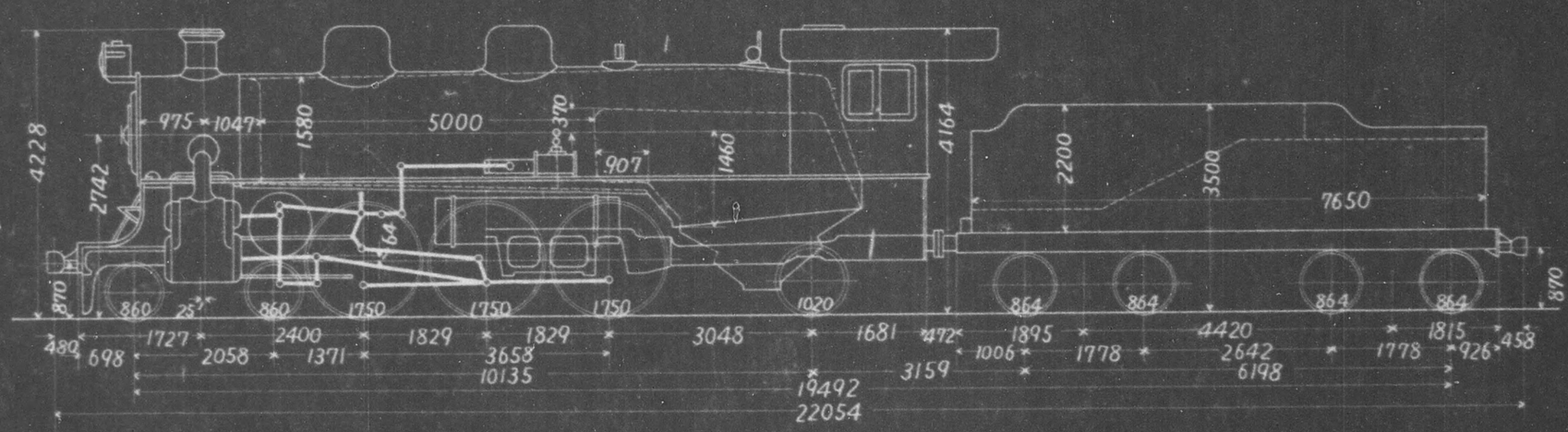
#3-1207

DECLASSIFIED E.O. 12065 SECTION 3 NARA, Date

22-3-26

4-6-2 SUPERHEATED STEAM TENDER LOCOMOTIVE Type PASHISHI

Gage of Track 1435 mm.



Cylinders, number - diameter and stroke	2 - 580 mm × 660 mm	Weight on drivers in working order	54.40 tons
Boiler pressure	13.0 kg/cm²	Weight on front truck in working order	18.30 tons
Grate area	4.75 m²	Weight on trailing truck in working order	18.10 tons
Fire box, length and width	2700 mm × 1760 mm	Total weight of engine in working order	90.80 tons
Tubes, number and diameter	120 : 51 mm	Weight of empty tander	25.00 tons
Flues, number and diameter	28 : 137 mm	Weight of tender in working order	65.00 tons
Heating surface, fire box	19.4 m²	Tender capacity	28 m³ – 12 tons
Heating surface, arch tubes	1.7 m²	Tractive force at 85% of boiler pressure	14020 kgs
Heating surface, tubes and flues	155.0 m²	Factor of adhesion	3.9
Heating surface, totol evaporative	176.1 m²	Valve gear, type	Walschaert
Superheating surface	61.5 m²	Volves, type	Piston
Weight of empty engine	82.00 tons		

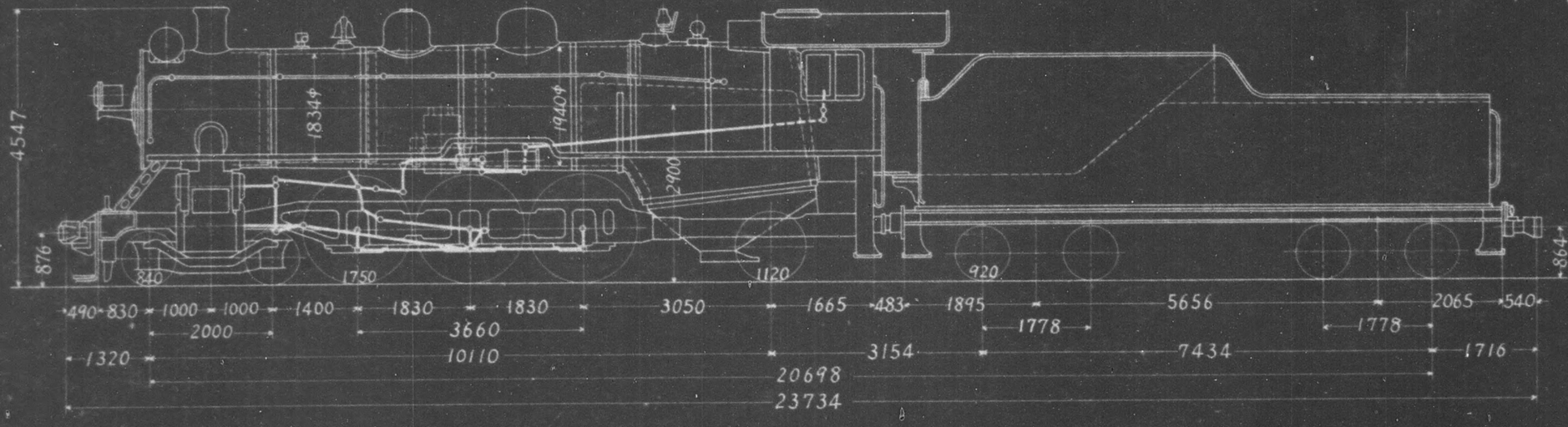
FH-1195

DECLASSIFIED E.O. 12065 SECTION 3 NWD

22-3-26

4-6-2 SUPERHEATED STEAM TENDER LOCOMOTIVE Type PASHIRO

Gage of Track 1435 mm



Cylinders, number – diameter and stroke	2 – 570mm×660mm	Weight on drivers in working order	61·75 tons
Boiler pressure	14 kg/cm²	Weight on front truck in working order	20·64 tons
Grate area	4·82 m²	Weight on trailing truck in working order	19·64 tons
Tubes, number and diameter	125 : 51mm	Total weight of engine in working order	102·03 tons
Flues, number and diameter	36 : 137mm	Weight of empty tender	32·5 tons
Heating surface, fire box	20·3 m²	Weight of tender in working order	83·5 tons
Heating surface, arch tubes	2·3 m²	Tender capacity	35m³ – 16 tons
Heating surface, tubes and flues	177·0 m²	Tractive force at 85% of boiler pressure	14700 kgs
Heating surface, total evaporative	199·6 m²	Factor of adhesion	4·20
Superheating Surface	67·2 m²	Valve gear, type	Walschaert
Weight of empty engine	90·0 tons	Valves, type	Piston

43 1191

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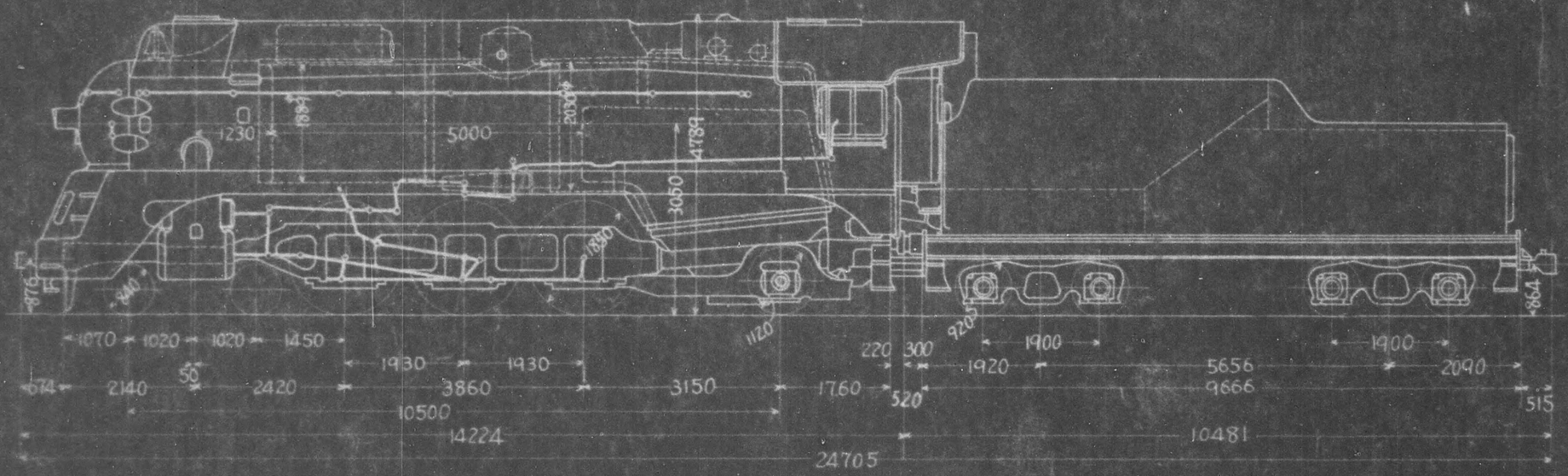
22-3-26

4-6-2 SUPERHEATED STEAM TENDER LOCOMOTIVE Type PASHIHA

Gage of Track 1435 mm.



Cylinders, number - diameter and stroke	2×600×710 mm	Weight on drivers in working order	69.0 tons
Boiler pressure	14.5 Kg/cm²	Weight on front truck in working order	23.5 tons
Grate area	5.36 m²	Weight on trailing truck in working order	22.0 tons
Tubes, number and diameter	93 : 51 mm	Total weight of engine in working order	114.5 tons
Flues, number and diameter	108 : 90 mm	Weight of empty tender	35.0 tons
Heating surface, fire box	26.27 m²	Weight of tender in working order	85.0 tons
Heating surface, arch tubes	2.44 m²	Tender capacity	35m³ 13.5 tons
Heating surface, tubes and flues	225.86 m²	Tractive force at 85% of boiler pressure	17030 Kgs
Heating surface, total evaporative	254.57 m²	Factor of adhesion	4.05
Superheating surface	85.80 m²	Valve gear, type	Walschaert
Weight of empty engine	102.8 tons	Valves, type	Piston

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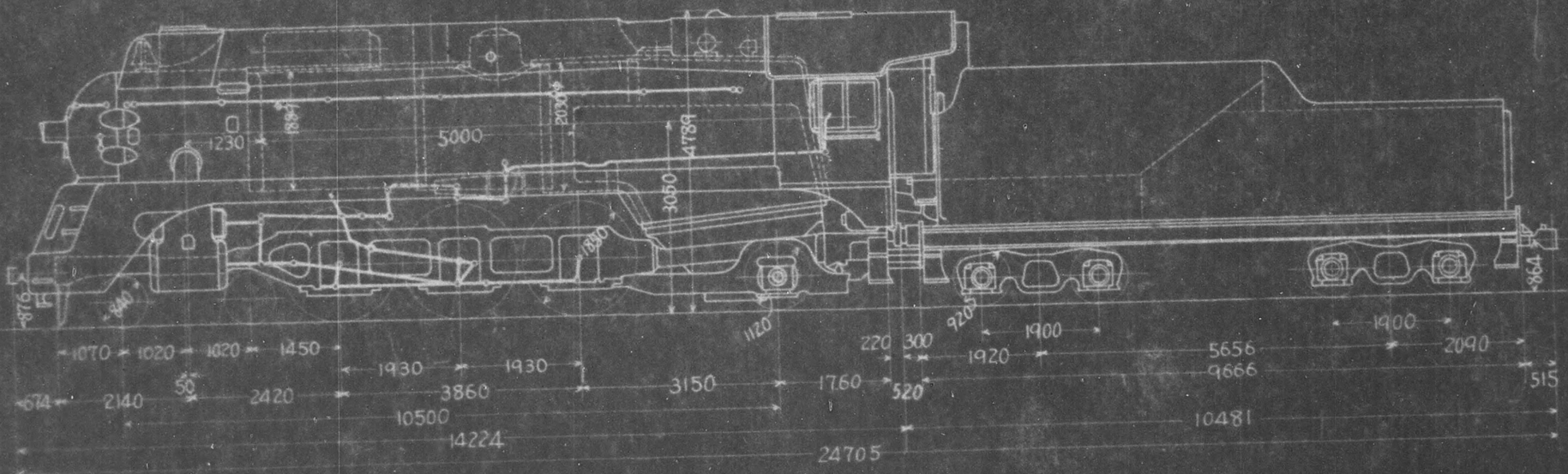
22-3-26

4-6-2 SUPERHEATED STEAM TENDER LOCOMOTIVE Type PASHIHA

Gage of Track 1435 mm.



Cylinders, number - diameter and stroke	2×600×710 mm	Weight on drivers in working order	69.0 tons
Boiler pressure	14.5 Kg/cm²	Weight on front truck in working order	23.5 tons
Grate area	5.36 m²	Weight on trailing truck in working order	22.0 tons
Tubes, number and diameter	93 : 51 mm	Total weight of engine in working order	114.5 tons
Flues, number and diameter	108 : 90 mm	Weight of empty tender	35.0 tons
Heating surface, fire box	26.27 m²	Weight of tender in working order	85.0 tons
Heating surface, arch tubes	2.44 m²	Tender capacity	35m³-13.5 tons
Heating surface, tubes and flues	225.86 m²	Tractive force at 85% of boiler pressure	17030 Kgs
Heating surface, total evaporative	254.57 m²	Factor of adhesion	4.05
Superheating surface	85.80 m²	Valve gear, type	Walschaert
Weight of empty engine	102.8 tons	Valves, type	Piston

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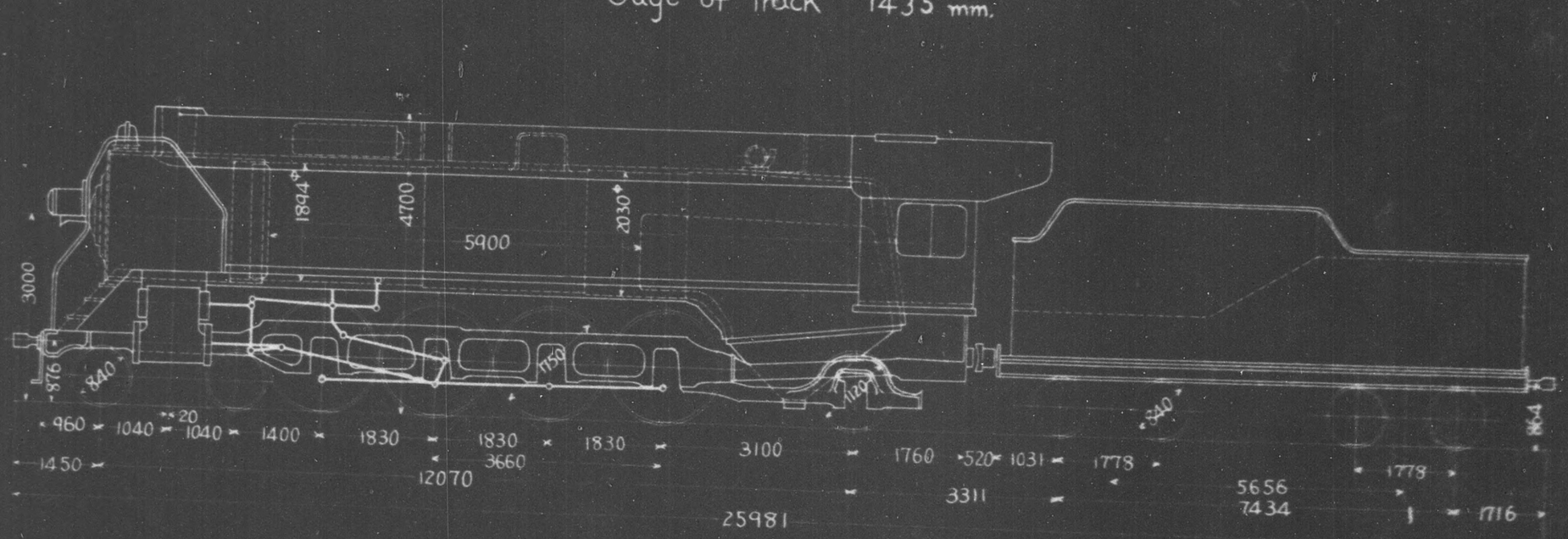
22-3-26

4-8-2 SUPERHEATED STEAM TENDER LOCOMOTIVE Type MATE1

Gage of Track 1435 mm.



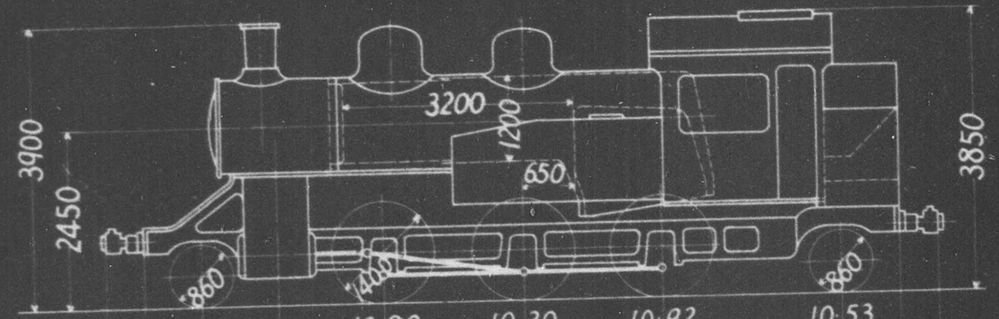
Cylinders, number-diameter and stroke	2-630x760 mm	Total weight of engine in working order	26.28 tons
Boiler pressure	14.5 kg/cm²	Weight of empty tender	35.00 tons
Grate area	5.36 m²	Weight of Tender in working order	85.00 tons
Tubes, number and diameter	93:51 mm	Tender capacity	35 m³-15 tons
Flues, number and diameter	108:90 mm	Tractive force at 85% of boiler pressure	24240 kgs
Heating surface, fire box	26.27 m²	Factor of adhesion	4.00
Heating surface, arch tubes	2.44 m²	Valve gear, type	Walschaert
Heating surface, tubes and flues	266.77 m²	Valves, type	Piston
Heating Surface, total evaporative	295.48 m²		
Superheating Surface	100.18 m²		
Weight of empty engine	111.89 tons		
Weight on drivers in working order	84.96 tons		

H2-1193

DECLASSIFIED E.O. 12065 SEC. 3 NND

2-6-2 SUPERHEATED STEAM TANK LOCOMOTIVE Type C 12

Gage of Track 1067 mm.



Working order	7·50	10·80	10·30	10·92	10·53
Tanks & coal bunker, empty	7·30	10·55	9·95	7·92	7·33
Empty	6·65	9·70	9·20	7·32	6·67

525 – 800 – 1000 – 1450 – 1900 – 1900 – 2450 – 800 – 525

3800

8700

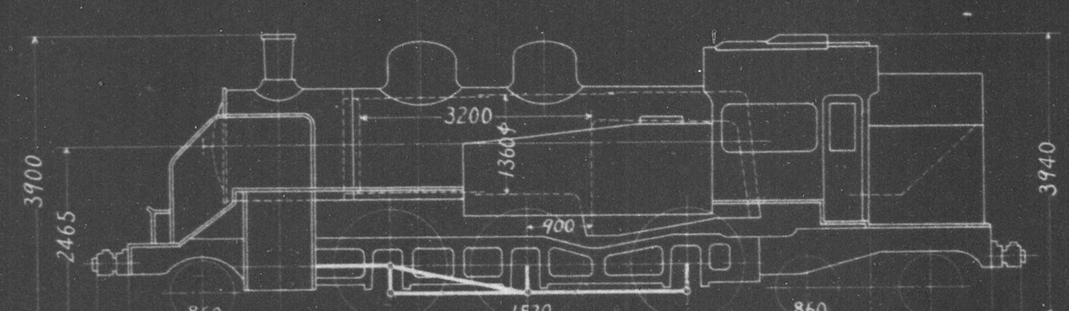
11350

Cylinders, number – diameter and stroke	2-400×610 mm	Weight on drivers in working order	32·02 tons
Boiler pressure	14 kg/cm²	Total weight of engine in working order	50·05 tons
Grate area	1·30 m²	Weight of engine in working order, when	
Tubes, number and diameter	68: 45 mm	& water tanks and coal bunker are empty	43·05 tons
Flues, number and diameter	16: 127 mm	Water tank capacity	5·5 m³
Heating surface, firebox	7·4 m²	Fuel capacity	1·50 tons
Heating surface, arch tubes	0·9 m²	Tractive force at 85% of boiler pressure	8,300 kgs
Heating surface, tubes and flues	46·1 m²	Factor of adhesion	3·87
Heating surface, total evaporative	54·4 m²	Valve gear, type	Walschaert
Superheating surface	19·8 m²	Valves, type	piston
Boiler water capacity	2·9 m³		
Weight of empty engine	39·54 tons		

22-3-26

2-6-4 SUPERHEATED STEAM TANK LOCOMOTIVE Type C11

Gage of Track 1067mm



axle weight on driver in working order	7·47	13·13	13·13	13·13	10·60	10·60
" empty	6·38	11·30	11·42	11·30	5·90	5·90

400 + 1000 + 1050 + 1500 + 1900 + 2200 + 1650 + 1700 + 850 + 400

4100 + 2500

10000

12650

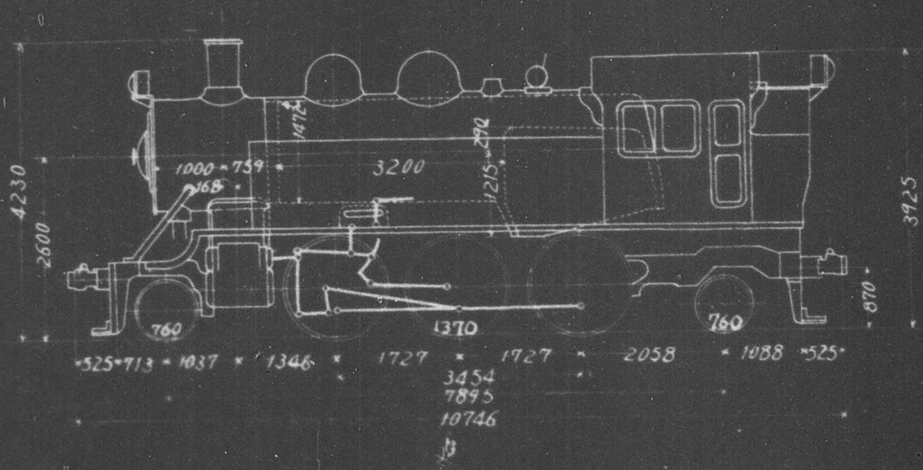
Cylinders, number – diameter and stroke	2 – 450mm×610mm	Weight on drivers in working order	39·39 tons
Boiler pressure	15 kg/cm²	Total weight of engine in working order	68·06 tons
Grate area	1·60 m²	weight of engine in working order when water tanks and coal bunker are empty	57·06 tons
Tubes, number and diameter	87 – 45mm	Tank capacity	8·5m³ – 3·00 tons
Flues, number and diameter	24 – 127mm	Tractive force at 85% of boiler pressure	10360 kgs
Heating surface, fire box	10·0 m²	Factor of adhesion	3·90
Heating surface, arch tubes	1·1 m²	Valve gear, type	Walschaert
Heating surface, tubes and flues	63·2 m²	Valves, type	Piston
Heating surface, total evaporative	74·3 m²		
Superheating surface	29·8 m²		
Boiler water capacity	3·8 m²		
Weight of empty engine	52·20 tons		

#3-1196

DECLASSIFIED E.O. 12065 SECTION 3 4(b)(1) NND

2-6-2 SUPERHEATED STEAM TANK LOCOMOTIVE Type PURENA

Gage of Trock 1435 mm



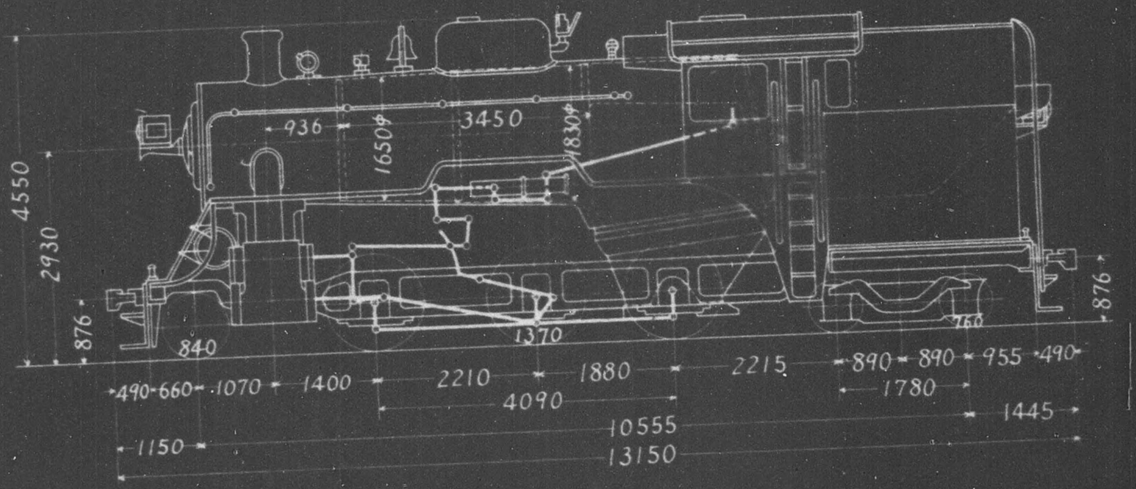
Cylinders. number - diameter and stroke	2-430 x 610 mm	Weight of empty engine	53·4 tons
Boiler. pressure	13 Kg/cm²	Weight on drivers in working order	45·0 tons
Grate area	3·0 m²	Weight on front truck in working order	11·2 tons
Tubes. number and diameter	104 : 51 mm	Weight on trailing truck in working order	12·3 tons
Flues. number and diameter	21 : 137 mm	Total weight of engine in working order	68·5 tons
Heating surface. fire box	9·5 m²	Tractive force at 85% of boiler pressure	9100 Kgs
Heating surface. arch tubes	1·4 m²	Factor of adhesion	4·95
Heating surface. tubes and flues	81·4 m²	Valve gear. type	Walschaert
Heating surface. total evaporative	92·3 m²	Valves. type	Piston
Superheating surface	26·0 m²		

DECLASSIFIED E.O. 12065 SECTION 3 NARS, Date

22-3-26

2-6-4 SUPERHEATED STEAM TANK LOCOMOTIVE Type DABUNI

Gage of Track 1435 mm



Cylinders, number – diameter and stroke	2 – 530mm×710mm	Weight on drivers in working order	58·15 tons
Boiler pressure	12·7 kg/cm²	Weight on front truck in working order	9·80 tons
Grate area	3·69 m²	Weight on trailing truck in working order	25·68 tons
Tubes, number and diameter	169 : 51mm	Total weight of engine in working order	93·63 tons
Flues, number and diameter	24 : 137mm	Tank capacity	11m³ – 6 tons
Heating surface, fire box	13·4 m²	Tractive force at 85% of boiler Pressure	15700 kgs
Heating surface; arch tubes	1·7 m²	Factor of adhesion	3·73
Heating surface; tubes and flues	128·6 m²	Valve gear, type	Walschaert
Heating surface, total evaporative	143·7 m²	Valves, type	Piston
Superheating surface	29·7 m²		
Weight of empty engine	76·0 tons		

#3-1197

DECLASSIFIED E.O. 12065 SEC 3.5 NWD

DECLASSIFIED E.O. 12065 SECTION 3 NLJ/AMS NO.

6D

COPY

BASIC: Ltr, Hqs 8th Army, APO 343, AGMGEM 386.3, dtd 25 Aug 48, subj: "Temporary Use of Reparations Equipment".

CMGR 386.3 (D-No) 3rd Ind

Headquarters, Chugoku Military Government Region, APO 317, Kure, Honshu, 6 Oct 1948

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

1. Your attention is invited to basic letter and 1st indorsement thereto.

2. Request that officials of the Hitachi Engineering Works, Kudamatsu City, be notified of action taken on their petition.

BY ORDER OF COLONEL SNYDER:

/s/ Jerry W. Tom
/t/ JERRY W. TOM
1st Lt, USAF
Adjutant

1 Incl:
n/c

COPY

DECLASSIFIED E.O. 12065 SECTION 3 NARS, DATE 4/5/82

COPY

HEADQUARTERS EIGHTH ARMY
United States Army
Office of the Commanding General
APO 343

AGMGEM 386.3 25 August 1948

SUBJECT: Temporary Use of Reparations Equipment

TO: Supreme Commander for the Allied Powers
APO 500
Attn: ESS/IN

1. The Hitachi Engineering Works, Kudamatsu City, Yamaguchi Ken, has been allocated a large share of the rolling stock manufacture and repair program at their Kasado plant. This company has engineers, workmen, and ability to perform efficiently for the improvement of the transportation system of Japan. Many of the machines in this plant are worn out, hence the company's inclosed application for release of the 119 machines from reparations custody.

2. Shipment of these 119 machines from three (3) Hitachi plants in the Kanto region to the Kasado Plant in Yamaguchi Prefecture is proposed. All four plants are presently under custody for reparations, therefore, the machines will remain in custody in the event that temporary use is approved.

3. It is recommended that the transfer and temporary use of these machines be authorized.

FOR THE COMMANDING GENERAL:

/s/ R. Schafer
/t/ R. SCHAFER
Lt. Col., AGD
Asst. Adjutant General

1 Incl:
As indicated.

COPY

DECLASSIFIED - E.O. 11652 - SECTION 3 and/or 5(C) - NND 963001

COPY

Ltr, Hqs, Eighth Army, APO 343, File AGMGEM 386.3, subj: "Temporary Use of Reparations Equipment, dated 25 Aug 1948

AG 387.6(25 Aug 48) ESS/IND 1st Ind

GENERAL HEADQUARTERS, SUPREME COMMANDER FOR THE ALLIED POWERS, APO 500, 25 September 1948

TO: Commanding General, Eighth Army, APO 343

1. The petition to transfer 119 reparations machines from three factories under custody for reparations removal to the Hitachi Engineering Works, Kudamatsu City, Yamaguchi-Ken is not favorably considered.

2. The Hitachi Engineering Works, Kudamatsu Plant is not under custody for reparations removal. The only existing basis for temporary removal of reparations machinery from custody is for use by the Occupation Forces.

3. Movement of reparations machinery even between plants under custody will be approved only on the basis of emergency need.

BY COMMAND OF GENERAL MacARTHUR:

/s/ J. F. Bradshaw
/t/ J. F. BRADSHAW
Major, AGD
Asst. Adj Gen

1 Incl
n/c

AGMGEM 386.3 2nd Ind

Headquarters Eighth Army, APO 343

TO: Commanding Officer, Chugoku Military Government Region, APO 317

Attention is invited to the preceding indorsement.

BY COMMAND OF LIEUTENANT GENERAL WALKER:

/s/ R. Schafer
/t/ R. SCHAFER
Lt. Col., AGD
Asst. Adjutant General

1 Incl:
n/c

COPY

DECLASSIFIED E.O. 12065 SECTION 3-402/NNDG NO: 1[illegible]

Mr. Gibson

1. ADJ
2. SMG
3. RCT
4. LBR
5. LEG
6. ED
7. WELF
8. PH
9. INF
10. D.CO
11. FILE

GENERAL HEADQUARTERS
SUPREME COMMANDER FOR THE ALLIED POWERS
Economic and Scientific Section
APO 500

4 August 1948

AUG 9 RECD

MEMORANDUM FOR: Military Government Teams

SUBJECT: Manufacturing Schedules for Repair and New Freight Cars, 1948-49 F.Y., for Japanese Government Railways

1. Reference is Operational Directive No. 15 dated 5 March 1948, Headquarters Eighth Army.

2. To assist Military Government Teams in their surveillance over private companies designated in this program for repair and construction of railway rolling stock, the inclosed manufacturing schedules have been prepared. Of the two schedules inclosed, one indicates the monthly production schedule of each company for freight car repairs, the other the monthly production schedule of new freight equipment. In each case the Ministry of Transportation has contracted with each company for the total cars shown and has further indicated the number of cars required per month, from each company, in order to complete the repair and new construction programs for the current fiscal year.

FOR THE CHIEF, ECONOMIC AND SCIENTIFIC SECTION:

W. S. VAUGHAN
Chief, Industry Division

2 Incls
as indicated in
par 2

DECLASSIFIED E.O. 11652 SECTION 3 (E)(2), MAR 8 1978

6

BASIC: Ltr, Hq 8th Army, APO 343, AG 531 (MG-Bn), dtd 19 Apr 48, subj: "Railroad Rolling-Stock Repair and Construction Program."

CMGR 453 (D-Du) 1st Ind

Headquarters, Chugoku Military Government Region, APO 317, Kure, Honshu, 23 April 1948

TO: Commanding Officer, Hiroshima Military Government Team, APO 317
Commanding Officer, Yamaguchi Military Government Team, APO 317
Commanding Officer, Okayama Military Government Team, APO 317
Commanding Officer, Shimane Military Government Team, APO 317
Commanding Officer, Tottori Military Government Team, APO 317

Forwarded for your information and necessary action as required in paragraph 4 of basic communication.

BY ORDER OF COLONEL SNYDER:

JERRY W. TOM
1st Lt, USAF
Adjutant

2 Incls:
n/c

9972

DECLASSIFIED E.O. 11652 SECTION 3 (E)(2)(B) NLE

P Y

HEADQUARTERS EIGHTH ARMY
UNITED STATES ARMY
Office of the Commanding General
APO 343

AG 531 (MG-En) 19 April 1948

SUBJECT: Railroad Rolling-Stock Repair and Construction Program

TO: Commanding Officer
Chugoku Military Government Region
APO 317

1. References:

a. Operational Directive 15, this headquarters, 5 March 1948, subject: "Railroad Rolling-Stock Repair and Construction Program."

b. Letter, this headquarters, file AG 453 (MG-En), 6 March 1948, subject: "Railroad Rolling-Stock Repair and Construction Program, " with one inclosure thereto.

2. The revised program for the repair and construction of freight cars is attached as inclosures 1 and 2. Sufficient copies of the revised program are inclosed for dissemination to all military government teams in your zone of responsibility.

3. The Supreme Commander for the Allied Powers advises that progress reports submitted by the Ministry of Transportation on this emergency program indicate that private companies have been waiting on budgetary proposals for new rolling stock, other than freight cars, to be finalized before embarking seriously on the repair program. To correct this, SCAP has issued instructions to all concerned that the construction of new rolling stock will be limited to freight cars until it is certain that all existing plant capacity is not required for the repair and new construction of freight cars.

4. Surveillance over this program will be exercised by military government teams in accordance with paragraph 4 of the above referenced Operational Directive.

BY COMMAND OF LIEUTENANT GENERAL EICHELBERGER:

2 Incls:
1. Freight Car Repair Program
2. New Freight Car Const. "

/s/ R. Schafer
/t/ R. SCHAFER
Lt Col, AGD
Asst Adj Gen

C O P Y

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

PLANTS DESIGNATED AND MATERIALS ALLOCATED FOR EMERGENCY FREIGHT CAR REPAIR PROGRAM

APRIL - MAY - JUNE - 1948

Name of Company	Location	Name of JGR Inspector	No. Cars Allocated for Repair	Coal 700 kg per Car	Coke 55 kg per Car	Ordinary Mild Steel 180 kg/car	Steel Sheet 60 kg/car	Lumber 2.5 cbm per Car	Paint 3.9 kg per Car	Carbide 10 kg per Car
I Corps										
1. Fuji Sangyo	1 Aza Gochohama, Ouaza-Otsugawa, Handa City, Aichi Pref.	Serata	110	77,000	6,050	19,800	6,600	275.0	429.0	1,100
2. Nihon Sharyo	Sanbonmatsucho, Atsuta-ku, Nagoya City, Aichi Pref.	Yamada	110	77,000	6,050	19,800	6,600	275.0	429.0	1,100
3. Toyo Rayon	Kitaogimachi, Ishiyama Otsu City, Shiga Pref.	Kawai	170	119,000	9,350	30,600	10,200	425.0	663.0	1,700
4. Iino Sangyo	Kuratani, Maizuru City, Kyoto Pref.	Uei	255	178,500	14,025	45,900	15,300	637.5	994.5	2,550
5. Daitetsu Sharyo	Takeyamachi, Kawahara Chukyo-ku, Kyoto City, Kyoto Pref.	Kawai	45	31,500	2,475	8,100	2,700	112.5	175.5	450
6. Fuji Sharyo	383 Ikegiri Sayamura, Minami-Kawachi-gun, Osaka Pref.	Kawai	160	112,000	8,800	28,800	9,600	400.0	624.0	1,600
7. Kinki Sharyo	1 1-chome Hashimoto, Oaza, Fuse City, Osaka Pref.	Uei	90	63,000	4,950	16,200	5,400	225.0	351.0	900
8. Teikoku Sharyo	3600 Otori Minami-cho Sakai City, Osaka Pref.	Uei	85	59,500	4,675	15,300	5,100	212.5	331.5	850

Incl.

Name of Company	Location	Name of JGR Inspector	No. Cars Allocated for Repair	Steel 700 kg per Car	Coke 55 kg per Car	Ordinary Mild Steel 180 kg/car	Steel Sheet 60 kg/car	Lumber 2.5 cbm per Car	[illegible] 3.9 kg per Car	Carbide 10 kg per Car
I Corps (cont'd)										
9. Kinami Sharyo	31 4-chome Yebisushima, Sakai City, Osaka Pref.	Uei	120	84,000	6,600	21,600	7,200	300.0	468.0	1,200
10. Kawasaki Sharyo	6 1-chome Wadayama-dori, Hyogo-ku, Kobe City, Hyogo Pref.	Katayama	120	84,000	6,600	21,600	7,200	300.0	468.0	1,200
11. Kotetsu Sharyo Kogyo	Terahata, Kawanishi, Kabebe-gun, Hyogo Pref.	Kawai	30	21,000	1,650	5,400	1,800	75.0	117.0	300
12. [illegible]ramatsu Sharyo	Tokiwa-cho, Wakamatsu, Fukuoka Pref.	Takano	130	91,000	7,150	23,400	7,800	325.0	507.0	1,300
13. Kyushu Sharyo	22-6 Nishitameike, Itabitsu, Kokura City, Fukuoka Pref.	Takano	60	42,000	3,300	10,800	3,600	150.0	234.0	600
14. Kawanami Kogyo	Uranosaki, Yamashiro, Nishi-Matsuura-gun, Saga Pref.	Takano	90	63,000	4,950	16,200	5,400	225.0	351.0	900
IX Corps										
15. Fuji Sangyo	680 Nishi-haramachi Utsunomiya, Tochigi Pref.	Yunc	110	77,000	6,050	19,800	6,600	275.0	384.9	1,100
16. Kanto Kogyo	608 Suzumenomiya-mura, Kawachi-gun, Tochigi Pref.	Yunc	20	14,000	1,100	3,600	1,200	50.0	78.0	200
17. Nihon Sharyo	2870 Oaza Shiba, Shiba-mura, Kita-adachigun, Saitama Pref.	Nouchi	90	63,000	4,950	16,200	5,400	225.0	351.0	900
18. Tetsudo Sharyo	678 Nisshin-machi, Omiya City, Saitama Pref.	Ibe	120	84,000	6,600	21,600	7,200	300.0	468.0	1,200

DECLASSIFIED E.O. 12065 SECTION 3 402/NWS NO.

Name of Company	Location	Name of JGR Inspector	No.Cars Allocated for Repair	Coal 700 kg per Car	Coke 55 kg per Car	Ordn Mild Steel 180 kg/Car	Steel Sheet 60 kg/car	Lumber 2.5 cbm per Car	Paint 3.9 kg per Car	Carbide 10 kg per Car
IX Corps (cont'd)										
19. Kogima Tekko	8 Utagawa-cho, Takasaki City, Gumma Pref.	Ibe	40	28,000	2,200	7,200	2,400	100.0	156.0	400
20. Katetsu Sharyo Kogyo	510 Kukuda, Tsudanuma Chiba-gun, Chiba Pref.	Ichinoi	60	42,000	3,300	10,800	3,600	150.0	234.0	600
21. Nikko Kogyo	Umetatechi, Nanpokaigan Chiba City, Chiba Pref.	Ichinoi	45	31,500	2,475	8,100	2,700	112.5	175.5	450
22. Tetsudo Sharyo Kogyo	Shinonoi-machi, Sarashi-ma Nagano Pref.	Serata	18	12,600	990	3,240	1,080	45.0	70.2	180
23. Tetsudo Sharyo	Nakajima, Oaza Yotsuya, Kawanakajime, Sarashina-gun, Nagano Pref.	Ogasawara	30	21,000	1,650	5,400	1,800	75.0	117.0	300
24. Niigata Tekko	2-chome Akibadori, Yamanoshita, Niigata, Niigata Pref.	Fujitani	150	105,000	8,250	27,000	9,000	375.0	585.0	1,500
25. Fukushima Seisaku	1 Mikawa Kitamachi, Fukushima City, Fuku-shima Pref.	Kano	90	63,000	4,950	16,200	5,400	225.0	351.0	900
Tokyo MG Team										
26. Kishi Seizo	652 4-chome, Minami-suna-machi, Kotoku, Tokyo Pref.	Kutomi	80	56,000	4,400	14,400	4,800	200.0	312.0	800
27. Unyu Kizai	3530 3-chome, Mejirocho Toshima-ku, Tokyo Pref.	Ibe	30	21,000	1,650	5,400	1,800	75.0	117.0	300
28. Yokokawa Kyoryo	7 2-chome, Nishishibaura Minato-ku, Tokyo Pref.	Sato	45	31,500	2,475	8,100	2,700	112.5	175.5	450

DECLASSIFIED E.O. 12065 SECTION 3 402/NWD NO.

Name of Company	Location	Name of JGR Inspector	No.Cars Allocated for Repair	Coal 700 kg per Car	Coke 55 kg per Car	Ordinary Mild Steel 180 kg/car	Steel Sheet 60 kg/car	Lumber 2.5 cbm per Car	Paint 3.9 kg per Car	Carbide 10 kg per Car
Kanagawa MG Team										
29. Nihon Kokan	1-2-chome, Suehiro, Tsurumi, Yokohama City, Kanagawa Pref.	Yuno	45	31,500	2,475	8,100	2,700	112.5	175.5	450
30. Nikkoku Kogyo	Amanuma, Aza Banyu, Hiratsuka City, Kanagawa Pref.	Yuno	115	80,500	6,325	20,700	6,900	287.5	448.5	1,150
31. Hidachi Zosen	1 Mizuecho, Kawasaki, Kanagawa Pref.	Seto	45	31,500	2,475	8,100	2,700	112.5	175.5	450
Chugoku MG Region										
32. Mizuno Shosen	8710 Onomura, Saeki-gun, Hiroshima Pref.	Ota	100	70,000	5,500	18,000	6,000	250.0	390.0	1,000
33. Hidachi Seisaku	794 Higashi-Toyoi, Kudamatsu City, Yamaguchi Pref.	Tsubaki	140	98,000	7,700	25,200	8,400	350.0	546.0	1,400
		24 June	150	74,000	2,100	21,980	6,720	340.0	310.0	512 888

July - Ave - Sept. of 180 Cars

180. 73,500 5,500 6,000 78 c.m 104 Kgs 1,265 Kgs

DECLASSIFIED E.O. 12065 SECTION 3 NND 963

DECLASSIFIED E.O. 12065 SECTION 3 402/NND NO.

NEW FREIGHT CAR CONSTRUCTION PLAN

Fiscal Year 1948

Name of Company	Location	Name of JGR Inspector	Gondola 35-ton	Refrigerator Car - 25-ton	Box Car 15 ton	Caboose
I Corps						
1. Kawasaki Sharyo	61-chome Wadayamadori, Hyogo-ku, Kobe City, Hyogo Pref.	Katayama	410	35	80	-
2. Kinki Sharyo	1 1-chome Hashimoto Oaza, Fuse City, Osaka Pref.	Uei	150	20	100	15
3. Teikoku Sharyo	3600 Otori Minamicho, Sakai City, Osaka Pref.	Uei	105	[illegible]	320	-
4. Kisha Seisakusho	Shimayachi, Konohana, Osaka City, Osaka Pref.	Ashidaka	*150	-	-	-
5. Kinami Sharyo	31 4-chome Yebisushima, Sakai City, Osaka Pref.	Uei	-	-	-	355
6. Iino Sangyo	Kuratani, Maizuru City, Kyoto Pref.	Uei	-	-	30	-
7. Tateyama Jukogyo	21 Shimohanai, Toyama, Toyama Pref.	Shimazaki	100	-	-	-
8. Nihon Sharyo	Sanbonmatsu-cho, Atsuta-ku, Nagoya City, Nagoya Pref.	Yamada	525	75	70	30
IX Corps						
9. Niigata Tekko	2-chome Akibadori, Yamanoshita, Niigata City, Niigata Pref.	Fujitani	250	45	100	-
10. Nihon Sharyo	2870 Oaza Shiba, Shibamura, Kita-adachi-gun, Saitama Pref.	Nouchi	160	25	200	-

Incl. 2

Name of Company	Location	JGR Inspector	Gondola 35-ton	Refrigerator Car - 25-ton	Box 15 ton	Caboose
IX Corps (cont'd)						
11. Hidachi Mito Work	Katsuta-machi, Naka-gun, Ibaraki Pref.	Oba	100	-	-	-
Tokyo MG Team						
12. Kisha Seizo	652 4-chome Minami-sunamachi, Koto-ku, Tokyo Pref.	Kutomi	150	30	200	-
13. Toshiba Sharyo	Fuchu-machi, Kitama-gun, Tokyo Pref.	Takemura	30	-	-	-
Chugoku MG Region						
14. Kisha Seisakusho	2 2-chome Kaigan-dori, Okayama City, Okayama Pref.	Ashidaka	*150	-	-	-
15. Hidachi Seisaku	794 Higashi-Tcyci, Kudamatsu City, Yamaguchi Pref.	Tsubaki	370 20 June 35✓	- 7 30✓30 8 40	-	-
16. Mitsubishi Mihara Work	5007 Itozakimachi, Mirahara City, Hiroshima Pref.	Utakoji	200	9 45 10 45 11 45 12 45 1 45 2 40	-	-

* 150 is total for Kisha Seisakusho Plants located in Osaka Prefecture and Okayama Prefecture.

TOTAL NUMBER OF PIECES TO BE CONSTRUCTED - 4,450

27 May 48

WOODEN BODY – STEEL FRAME

at present have sufficient materials for 50 cars
Negotiations under way for more materials from
Yawata, expect delivery end of June. (Channel Iron - 22 Tons, Steel Plates 50 Tons)

1st Order
Steel Plates 8mm x 9mm.

Japan Steel Co.
Kawasaki
Side Frame & Bolster for Bogies
15 Days Behind Schedule

DECLASSIFIED E.O. 12065 SECTION 3 402, NWE NO.

DECLASSIFIED E.O. 12065 SECTION 3 402/NNBS No: [illegible]

6.D.

BASIC: Ltr Hq 8th Army, APO 343, AG 453 (MG-Em), Subj:"Railroad Rolling Stock Repair and Construction Program," dtd 26 Mar 1948

CMGR 453 (D-Cr) 1st Ind

Headquarters, Chugoku Military Government Region, APO 317, Kure, Honshu, 12 March 1948

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

1. Forwarded for your information.

2. Operational Directive indicated in paragraph 3 of basic communication will be forwarded as soon as received by this headquarters.

BY ORDER OF COLONEL SNYDER:

JERRY W. TOM
1st Lt USAF
Adjutant

1 Incl:
n/c

6767

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

BASIC: Ltr Hq 8th Army, APO 343, AG 453 (MG-Em), Subj:"Railroad Rolling Stock Repair and Construction Program," dtd 6 Mar 1948

CMGR 453 (D-Cr) 1st Ind

Headquarters, Chugoku Military Government Region, APO 317, Kure, Honshu, 12 March 1948

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

1. Forwarded for your information.

2. Operational Directive indicated in paragraph 3 of basic communication will be forwarded as soon as received by this headquarters.

BY ORDER OF COLONEL SNYDER:

1 Incl:
n/c

JERRY W. TOM
1st Lt, USAF
Adjutant

DECLASSIFIED E.O. 12065 SECTION 3 402/MDS NS

HEADQUARTERS EIGHTH ARMY
United States Army
Office of the Commanding General
APO 343

AG 453 (MG-En)

6 MAR 1948

SUBJECT: Railroad Rolling Stock Repair and Construction Program

TO : Commanding Officer
Chugoku Military Government
APO 317

1. Reference is telephone conversation relative to subject as above on 13 February 1948.

2. Information concerning the emergency program for the repair of freight cars and locomotives for the months of February through May 1948 is attached as inclosure 1, and includes:

a. Names of the designated private manufacturing plants.

b. Company's location.

c. The name of the Japanese Covernment railway inspector assigned to each company.

d. The number of cars and locomotives allotted to each for repair.

e. The allocation of raw materials to each company.

3. An Operational Directive requiring surveillance by military government units over the repair and construction of railroad rolling stock program is being prepared by this headquarters and will be published at an early date.

BY COMMAND OF LIEUTENANT GENERAL EICHELBERGER:

1 Incl:
As ind. in par. 2

R. SCHAFER
Lt Col, AGD
Asst Adj Gen

PLANTS DESIGNATED AND MATERIALS ALLOCATED FOR EMERGENCY ROLLING STOCK REPAIR PROGRAM
February - May 1948

Name of Company	Location	Name of JGR Inspector	No. of Cars Allotted for Repair	Coal (Tons)	Coke (Tons)	Ordinary Mild Steel 180 Kg Per Car	Steel Sheet 60 Kg per Car	Lumber 2.5 cbm Per Car	Paint 6 Kg Per Car	Carbide 5.2 Kg Per Car
I Corps										
1. Kinki Sharyo	1 1-chome, Hashimoto, Fuse City, Osaka Pref.	Kouzuki	80	200	64	14,400	4,800	200	480	416
2. Kinami Sharyo	1 Higashi 1-chome, Kumano-machi, Sakai City, Osaka Pref.	Kouzuki	150	375	120	27,000	9,000	225	900	780
3. Teikoku Sharyo	200 3-chome, Honan-cho, Sakai City, Osaka Pref.	Kouzuki	80	200	64	14,400	4,800	200	480	416
4. Fuji Sharyo	383 Ikejiri Sayama-mura, Minami-Kawachi-gun, Osaka Pref.	Kawai	200	500	160	36,000	12,000	500	1,200	1,040
5. Fuji Sangyo (Handa)	Gochouhama, Ouaza-Otsugawa, Handa City, Aichi Pref.	Serada	135	337.5	108	24,300	8,100	338	810	702
6. Nihon Sharyo	1-1 chome, Mikimatsu-cho, Atsuta-ku, Nagoya City, Aichi Pref.	Yamada	90	225	72	16,200	5,400	225	540	468
7. Wakamatsu Sharyo	2 Hiraku 1 Tokiwa-cho, Wakamatsu City, Fukuoka Pref.	Takano	120	300	96	21,600	7,200	300	720	624
8. Kawasaki Sha-ryo	6 1-chome, Wadayama-dori, Kobe City, Hyogo Pref.	Katayama	100	250	80	18,000	6,000	250	600	520

Name of Company	Location	Name of JGR Inspector	No. of Cars Allotted for Repair	Coal (Tons)	Coke (Tons)	Ordinary Mild Steel 180 Kg Per Car	Steel Sheet 60 Kg Per Car	Lumber 2.5 cbm Per Car	Paint 6 Kg Per Car	Carbide 5.2 Kg Per Car
I Corps (cont'd)										
9, Toyo Rayon	Sonoyama, Beppo-cho, Otsu City, Shiga Pref.	Kawai	220	550	176	39,600	13,200	550	1,320	1,144
10. Iino Sangyo	Kuratani, Maizuru City, Kyoto Pref.	Kouzuki	255	637.5	204	46,000	15,030	640	1,500	1,326
IX Corps										
11. Nihon Sharyo	870 2-chome, Shiba, Kawaguchi City, Saitama Pref.	Noguchi	60	150	48	10,800	3,600	150	360	312
12. Niigata Steel Ltd.	2 chome, Akiba-dori, Niigata Pref.	Fujitani	140	250	80	25,200	8,400	350	840	728
13. Fuji Sangyo	680 Nishihara-machi, Utsunomiya City, Tochigi Pref.	Ibe	100	250	80	18,000	6,000	250	600	520
Chugoku MG Reg.										
14. Hitachi Ltd.	794 Nishitoyoi, Kudamatsu City, Yamaguchi Pref.	Tsubaki	160 120 160 170	400 300 360	128 80 80	28,800 24,000	9,600	400 400	960 400	832 1024
Tokyo MG Team										
15. Kisha Seizo	652 4-chome, Minami-suna-machi, Joutoku, Tokyo-To	Kutomi	50	250	80	9,000	3,000	125	300	260
Kanagawa MG Team										
16. Nikkoku Kogyo	700 Amanuma, Umagome, Hiratsuka City, Kanagawa Pref.	Sato	150	375	120	27,000	9,000	225	900	780

Name of Company	Coal (Tons)	Coke (Tons)	Ordinary Mild Steel 7500 Kg Per Loco.	Steel Sheet 500 Kg Per Loco.	Paint 40 Kg Per Loco.	Carbide 430 Kg Per Loco.	Boiler Plate 1 Ton Per Loco.	Boiler Tube 2 Tons Per Loco.	Steel Tire 1600 Kg Per Loco.
* Nihon Sharyo (Nagoya) Locomotives	800	400	300,000	20,000	1,600	17,200	40	80	24,000

REMARKS: Allocation will be made by Japanese Government Railways

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

Capt Dugger

6.D.

COPY

HEADQUARTERS EIGHTH ARMY
United States Army
Office of the Commanding General
APO 343

OPERATIONAL DIRECTIVE)
)
NUMBER 15)

5 March 1948

RAILROAD ROLLING-STOCK REPAIR AND CONSTRUCTION PROGRAM

1. In recognition of the fact that the stringent shortage of rail transportation facilities is one of the important factors impeding the economic recovery of Japan, the Japanese Ministry of Transportation has instituted a program for repair of existing and construction of new railway rolling stock. Quotas for repair and new construction of freight cars and locomotives will be established quarterly. Portions of these quotas will be distributed among both Japanese Government railway shops and certain designated private rolling-stock manufacturing companies for completion. Allocations of coal, coke, steel, carbide etc., necessary for the accomplishment of this program will be sub-allocated by the Japanese Government railways to the private rolling-stock manufacturing companies from the total allocations of the raw materials made by the Economic Stabilization Board to the railroad industry.

allocations are made direct to firms

2. That portion of the repair and construction program which is allotted to the Japanese Government railway repair shops will be controlled and supervised by the Japanese Government Railways under the direct surveillance of the Civil Transportation Section of General Headquarters, Supreme Commander for the Allied Powers. Military government teams will exercise surveillance over that portion of the program which is allocated to the designated private rolling-stock manufacturing companies. Each of these private companies will be assigned to it a Japanese Government railway inspection, responsible to the Ministry of Transportation, and charged with the following duties:

a. Insure that construction and repair is done according to specifications contained in the contracts.

b. Expedite the prompt delivery of allocated materials to the plant.

c. Foresee and overcome obstacles to production which might prevent the contracts from being fulfilled within the specified time.

COPY

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

COPY

3. Information concerning the details of the program for each quarter will be furnished as the information is received by this headquarters.

4. The commanding officers of military government teams will exercise surveillance over the private companies designated in this program for repair and construction of railway rolling stock. In the accomplishment of this surveillance, a minimum of one inspection each month will be made of each designated private company by military government personnel. Particular attention will be stressed in surveillance of the following:

a. Activities of inspectors.

b. Prompt delivery of allocated raw materials.

c. Completion of quotas as specified by contract.

5. Problems impeding the accomplishment of any part of this program that cannot be solved locally, will be reported to this headquarters (attn: Military Government Section) by the most expeditious means.

BY COMMAND OF LIEUTENANT GENERAL EICHLBERGER:

J.A. LESTER
Major General, GSC
Chief of Staff

OFFICIAL:

/s/ Burgess
/t/ BURGESS
G-4

(MG-En)

DISTRIBUTION:

"B", "C", "X" plus
Ea Mil Govt Unit (2)
Mil Govt Section,
Hq Eighth Army (60)

COPY

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

RCdI
1-6D

GENERAL HEADQUARTERS
SUPREME COMMANDER FOR THE ALLIED POWERS

APO 500
2 October 1947

AG 095 (2 Oct 47) ESS/AC
(SCAPIN 1788)

MEMORANDUM FOR: JAPANESE GOVERNMENT

THROUGH: Central Liaison Office, Tokyo

SUBJECT: Emergency Expenditures by Restricted Concerns as Result of Flood

1. Memorandum from the Minister of Finance, dated 26 September 1947, subject: Regulations Affecting Restricted Concerns in Connection with Rehabilitation of Flood Ravaged Areas, requests that restricted concerns be given authority to make emergency expenditures for repair of flood damage without prior approval as required by Memorandum for the Japanese Government from General Headquarters, Supreme Commander for the Allied Powers, AG 300.8 (8 Dec 45) ESS/AC (SCAPIN 408), dated 8 December 1945, subject: Regulations Affecting Restricted Concerns.

2. Restricted concerns may make expenditures for the following items of repair or rehabilitation of flood damage, without prior approval of the Supreme Commander for the Allied Powers:

a. Construction of levees and embankments; construction of drainage channels; operation of water pumps; transfer of raw materials, machinery and finished goods to places of safety; clearing away rubble, refuse, silt, etc., left by flood waters; emergency measures for prevention of rust damage to machinery; prevention of collapse of buildings; and levelling land.

b. The above items of emergency work may be financed by either withdrawals from bank accounts or negotiation of bank loans.

3. The authority granted in paragraph 2, above, shall be subject to compliance with the following:

a. Expenditures shall be made only to the minimum extent necessary to prevent irreparable damage to plant facilities or to permit resumption of production.

b. Expenditures shall not be made under this authority for the purchase of new machinery.

c. Within thirty (30) days from the date of this memorandum all restricted concerns having made emergency expenditures, under the authority granted herein, shall submit applications covering such expenditures with full explanation and justification.

DECLASSIFIED E.O. 12065 SECTION 3 402/NNBS NO:

BASIC: Memo for Japanese Government from GHQ, SCAP, AG 095 (2 Oct 47) ESS/AC, (SCAPIN 1788), subject: Emergency Expenditures by Restricted Concerns as Result of Flood, dated 2 October 1947

d. A report shall be made within forty-five (45) days from the date of this memorandum of all machinery or machine parts and all other plant equipment removed to places of safety and which have not been returned to original installations, together with an explanation of such action.

4. This memorandum shall not be construed as authorizing permanent change in physical plant facilities without prior approval of the Supreme Commander for the Allied Powers, or the disposition of raw materials except in the normal course of business.

5. The provisions of the memorandum shall remain in effect for a period of thirty (30) days from the date thereof and are applicable to only the current emergency. Action taken thereafter must be in accord with established regulations and procedures.

FOR THE SUPREME COMMANDER:

for R. A. LEVY,
Colonel, AGD,
Adjutant General.

DECLASSIFIED E.O. 12065 SECTION 3 402/NNDB NO: [illegible]

COPY

Re: Petitions
1-CD

Schedule of Restricted Concerns
Hitachi Limited (Cont'd)

Hitachi Ship Building Co., Ltd.

Hitachi Water Works Co., Ltd.

Inoue Electric Machine Mfg. Co., Ltd.

Nippon Artificial Graphite Co., Ltd.

Nippon Malleable Iron Works Co., Ltd.

Nitto Electric Mfg. Co., Ltd.

Ritsusho Electric Machine Mfg. Co., Ltd.

Shibuya Roentogen Mfg. Co., Ltd.

Tokyo Electric Machine Mfg. Co., Ltd.

Tokyo Kiki Industrial Co., Ltd.

Tokyo Special Steel Co., Ltd.

Nichiden Industrial Company

Fuji Products Co., Ltd.

Home Aluminum Products Industrial Co., Ltd.

Kokko Aluminum Wares Mfg. Co., Ltd.

Nippon Aluminum Wares Mfg. Co., Ltd.

Nippon Denkai Iron Works Co., Ltd.

Nippon Magnesium Products Industrial Co., Ltd.

Nippon Radio Mfg. Co., Ltd.

Oniki Coal Mining Co., Ltd.

Sanchoku Development Co., Ltd.

Sanchoku Railway Co., Ltd.

Sasazu Land Development Co., Ltd.

COPY

DECLASSIFIED E.O. 12065 SECTION 3 402/NWS NO.

To ~~Yamaguchi Military Government Headquarters~~

1 Corps Military Government Section.

As we herby will send you 3 copies of our production report of last month July, we are very glad to have you recieve it.

Kasado Works, Hitachi Ltd.

Kudamatsu City, Yamaguchi Pref.

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

HITACHI LTD.

Head Office,

2-chome Marunouchi Tokyo.

Tel. No. (25)-2362-9 25918

Date: 31st July 1946.

Subject: Report of the Products.

1. Name of Firm: Kasado Works, Hitachi Ltd.

2. Location: No.-794, Higashi-toyoi Kudamatsu City, Yamaguchi Prefecture.

3. Products:

Name of Products.	Quantity.
(1) 2c1(C59)Type Steam Locomotives.	3
(2) 1D1(Mikasa)Type Steam Locomotives	1
(3) Passenger Cars.	7
(4) Repaired Steam Locomotives.	9

Chikara Kurata

The manager of the Kasado Works.

1A12569

To ~~Yamaguchi Military Government Headquarters.~~

1 Corps Military Government Section.

As we herby will send you 3 copies of our production report of last month June. , we are very glad to have you recieve it.

Kasado Works, Hitachi Ltd.

Kudamatsu City, Yamaguchi Pref.

DECLASSIFIED E.O. 12065 SECTION 3 402, NARS NO.

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

HITACHI LTD.

Head Office,
2-chome Marunouch Tokyo.
Tel. No. (25)-2362-9 25918

Date: 30th June. 1946.

Subject: Report of the Products.

1. Name of Firm: Kasado Works, Hitachi Ltd.

2. Location: No.-794, Higashi-toyoi Kudamatsu City. Yamaguchi Prefecture.

3. Products:

Name of Products.	Quantity.
(1) 2c1(C59)Type Steam Locomotives.	3
(2) 1D1(Mikasa)Type Steam Locomotives	2
(3) Passenger Cars.	8
(4) Repaired Steam Locomotives.	7

Chikara Kurata
The manager of the Kasado Works.

BA 9161

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

Ltr, 76th Mil Govt. Hq & Hq Co., subject: "Temporary Use of Reparations Machinery" dtd 29 Apr 46.

AG 386.3 (MG) 4th Ind. 4 JUN 1946

Headquarters Eighth Army, APO 343.

TO: Commanding Officer, 76th Military Government Company, APO 317.

1. Your attention is invited to the previous indorsement.

2. Records will be kept indicating present location of the forty five (45) machines together with the authority for such use.

BY COMMAND OF LIEUTENANT GENERAL EICHELBERGER:

JAMES H. NASH
1st Lt, CAC
Actg. Asst. Adjutant General

2 Incls:
n/c

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

BASIC: Ltr, 76th Mil Govt, Hq & Hq Co., subject: "Temporary Use of Reparations Machinery," dtd 29 Apr 46.

AG 095 (29 Apr 46) ESS/IN 3d Ind.

GENERAL HEADQUARTERS, SUPREME COMMANDER FOR THE ALLIED POWERS, APO 500,
953 30 May 1946

TO: Commanding General, Eighth Army, APO 343.

Approved.

By Command of General MacARTHUR:

2 Incls:
n/c

S. T. Okada

S T OKADA
2d Lt, AUS
Actg Asst Adj Gen

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

Ltr, 76th Mil Govt. Hq & Hq Co., subj: "Temporary Use of Reparations Machinery", dtd. 29 April 46.

14 MAY 1946
GHQ, AFPC
16 MAY 1946
AGO RECORDS

AG 386.3 (MG) 2nd Ind.

Headquarters Eighth Army, APO 343.

TO: Supreme Commander for The Allied Powers, APO 500.

1. Submitted in compliance with sub-paragraph 2d, letter, your headquarters, file AG 004 (13 Jan 46) ESS/IN/GD, subject, "Preservation of Japanese Industrial facilities", dated 13 January 1946.

2. It is recommended that the Kasado Works of Hitachi Limited be permitted to use temporarily the forty five(45) machines from the Hikari Naval Arsenal as outlined in the attached application, pending final disposition of these machines.

3. The use of this machinery is desirable for the following reasons:

(a) The purpose indicated will not materially hasten its depreciation.

(b) This will assure a more efficient custody and control than would be the case if this type of machinery is in storage.

(c) The repair and production of locomotives and passenger cars is essential for the recovery of Japanese industrial economy.

FOR THE COMMANDING GENERAL:

2 Incl:
n/c

James H. Nash
JAMES H. NASH
1st Lt, CAC
Actg. Asst. Adjutant General

4 GFD

DECLASSIFIED - EXC. FROM GDS - SECTION 3 (E), PARA (2)

1st Ind

HEADQUARTERS 76th Mil Govt Hq & Hq Co, APO 24, Kure, Japan, 2 May 46

TO: Commanding General, Eighth Army, APO 343
(Attn: Military Government Section)

9783

FOR THE COMMANDING OFFICER:

JOHN D. MONTGOMERY
2d Lt. TC
Adjutant

GHQ. AFPAC
16 MAY 1946
AGO RECORDS

4

950

DECLASSIFIED E.O. 11652 SECTION 3 (E)(1), (2), OR (3)

HQ. AFPAC
16 MAY 1946
AG 000.5
ADJ RECORDS

YAMAGUCHI DETACHMENT
SEVENTY-SIXTH MILITARY GOVERNMENT
HEADQUARTERS AND HEADQUARTERS COMPANY
APO 24

GEE/rwg

Hq 76th MG Co.
SMGO
Ex O
Adj
Fa
3

Yamaguchi, Japan
29 April 1946

SUBJECT: Temporary Use of Reparations Machinery

THROUGH: Commanding Officer, 76th Mil Govt Co, APO 24, Kure

TO : Commanding General, Eighth Army, APO 343
(Attention: Mil Govt Section)

1. Pursuant to Operational Directive No. 34, Headquarters Eighth Army, dated 26 March 1946 the application for temporary use of forty-five (45) machines from the Hikari Arsenal by the Kasado Works of Hitachi Limited is hereby submitted.

2. This plant was visited on 18 April 1946 by a representative of this headquarters and at that time it was ascertained that the continued use of the subject forty-five machines would be essential to the work of the plant.

3. The plant is engaged primarily in the repair of war damaged locomotives and also the production of new locomotives and passenger cars.

4. By virtue of the Japanese Government's policy to dispose of Arsenal machinery at the termination of hostilities, the Kasado Works acquired seventy-eight (78) machines as listed in application. Of these thirty-three have been returned or are in the process of being returned. Removal of the remainder of the machinery would result in approximately seventy-five percent reduction in total output.

3846

4 980

DECLASSIFIED E.O. 11652 SECTION 3 (E)/MRS NO.

5. Until such time as the ultimate disposition of reparation machinery is made, it is recommended by this headquarters that permission for temporary use of the subject forty-five (45) machines be granted.

Richard T. Boswell

RICHARD T BOSWELL
Captain, CAC
SMGO

Inclosures:
1. List of machine tools received from Hikari Naval Arsenal (trip)
2. Recommendation from Prefectural Liaison Office, dtd 24 Apr 46(trip)

980

Date 4 ~~Feb~~ Apr, 1946.

Subject; Report of the Products.

1. Name of Firm: Kasado Works, Hitachi Ltd.

2. Location: No.794, Higashi-tovei Kudamatsu City. Yamaguchi Prefecture.

		1945.				1946.			
Item	Products.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Total
1.	1D1(D52)Type Steam Locomotives						1	2	4	7
2.	25Tons Tank Steam Locomotives			1						1
3.	Passenger cars						1	2	7	10
4.	Freight cars			8	7	12				27
5.	Repaired Steam Locomotives		3	6	7	5	5	5	9	40
6.	Repaired Passenger cars					3				3
7.	Repaired Freight cars	4	11	21	17	17		3		73

Chikara Kurata

The manager of the Kasado Works.

DECLASSIFIED E.O. 12065 SECTION 3 402/MR&S NO. [illegible]

HEADQUARTERS SIXTH ARMY
Military Government Section
APO 442 (Kyoto, Honshu)

File: MG 23 Date: 17 November 1945

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

TO: : Hitachi Ltd. (Kagado Works) (rolling stocks)
(Name & Address of Firm)

Kudamatsu, Yamaguchi-ken.

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

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

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

GEORGE D. SEARS
Colonel, Infantry
Military Government Officer

Info Copies To:

GHQ, SCAP (Atten E, & S. Sec)
CG VAC Corps, (Attn) MG Sec.
Imperial Japanese Gov't
(6th Army Jap. Liaison Office, Kyoto)

1 Incl: Annex No. 1, 17 Nov 45

DECLASSIFIED E.O. 12065 SECTION 3 402/NNSS NO.

HEADQUARTERS SIXTH ARMY
Military Government Section
APO 442 (Kyoto, Honshu)

17 November 1945

ANNEX NO. 1

Permission is granted to Hitachi Ltd. (Kasado Works), Kudamatsu, Yamaguchi-ken, to produce the following items listed below:

a. Steam Locomotives.

b. Passenger Cars.

c. Freight Cars.

Nothing Follows

GEORGE L. SCHMIDT,
Captain, Infantry.

INCL #1

DECLASSIFIED E.O. 12065 SECTION 3 402/MMSC NO.

Military Government Section,
Headquarter Sixth Army;
Kyoto.

Re: Removal of machine tools from our Amagasaki Works to Kasado Works.

Dear Sirs,

We are delighted to submit the following report on the above mentioned and appriciate if such could be of any your reference.

All machine tools as listed on the annexed paper already moved out on Dec. 20th, 1945, from our Amagasaki Works at Amagasaki, Hyogo-Prefecture, to our Kasado Works located at Kudamatsu, Yamaguchi-Prefecture in order to utilizing for the production of the civilian goods according to your permit file No. MG-23 dating Nov. 17, 1945 for the Reconversion of manufacturing of Kasado Works.

Yours truly,

K. Johoji

K. JOHOJI.

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

LIST OF MACHINERIES TO BE SHIFTED FROM NAGASAKI WORKS TO KASADO WORKS

Name of Machinery	Size or Type	Number	Maker
Planing Machine	12'-10"x12'-8½"	1	Okamoto Tekosho
Drilling Machine	Radial type Hight Radius 5-0"x5'-3"	1	Kitchen
Boring Machine	Horizontal type No.3	1	Carnse
Vertical Milling Machine	No.2	1	Cincinati
Motor Drilling Machine	stroke 650mmx350mmØ	1	Harbard
Drilling Machine	Upright stroke 26"x22"Ø	1	Barnce
Engine Lathes	16"x9"x8'-0"	1	American
Capstan Lathes	9"x8'-0"	1	Inoue Tekkosho
Portable Radial Drilling Machine	5' - 0"	1	Harbard
"	6' - 0"	1	"
Orsen Tensile Testing Machine		1	Tokyo Koki
Pneumatic Hammer		1	Niigata Tetsuko

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

Products to be manufactured

Steam locomotives
Passenger cars
freight cars.

Notice to I Amphib Corps

DECLASSIFIED E.O. 12065 SECTION 3 402/NNBS NO:

KASADO WORKS

1. Building areas — 105,324 meters

2. Plant layout drawings — Refer to the attached drawings.

3. Condition before war

A. Products:

Steam locomotive	1,443,000	¥ per month
Passenger car tram car.	263,000	-"-
Electric loco, gasoline loco.	43,000	-"-
Freight car	435,000	-"-
Smoke tube boiler	11,000	-"-
Others	1,000	-"-

B. Number of employees. 4,441

4. Condition during war

A. Products:

Steam locomotive	1,207,000	¥ per month
Parts of electric loco.	2,000	-"-
Passenger car	86,000	-"-
Freight car	441,000	-"-
Smoke tube boiler	7,000	-"-
Air compressor	8,000	-"-
Parts of air plane	7,000	-"-
Ship	526,000	-"-
Others	7,000	-"-

B. Number of employees. 5,592

5. Condition now - *Planned Production*

A. Products to be permitted

Steam locomotive	2,175,000	¥ per month
Passenger car	1,115,000	-"-
Freight car	274,000	-"-

B. Number of employees at present 2,218.

DECLASSIFIED E.O. 12065 SECTION 3 402/NNBS NO:

6. List of major machines

Machine tools	615 sets
Forging presses	27 "
Others	73 "

7. Raw materials on hand

Carbon steel	9,849 tons.
Pig iron	175
Copper	40.2
Tin	22.5
Lead	277
Zinc	22.2
Antimony	12.8
Electric conductor	65.2
Timber	4,400 Koku
Coal	1,650 Tons
Coke	300
Electrode	25
Carbide	516 cans
Fat	58,980 l

8. Monthly estimate of raw materials

Carbon steel	393 Tons per month
Pig iron	34.7 -"-
Copper	9.1 -"-
Tin	1.2 -"-
Lead	9.7 -"-
Zinc	1.1 -"-
Antimony	0.25 -"-
Non-ferrous material	21.4 -"-
Electric conductor	0.5 -"-
Timber	735 Koku per month

9. Finished goods on hand

Steam locomotive	176,940¥
Freight car	836,000¥
Tank car	194,805¥
Ship	3,857,975¥

10. Semi-finished god on hand

Steam locomotive	3,703,142¥
Freight car	593,268¥
Tank car	443,382¥
Tram car	176,281¥
Ship Boiler	7,766,339¥

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

REMARK

Shpps covered with red-line in the attached herewith drawing (drawing #2) shows those can be conversed to the civilian products.

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

Kasado Works, Hitachi Ltd. Scale 1:600

Tokyo Shibaura Co. Ltd.

Railway

Port

6A

6B

10

11

12 13

16A

16B

14

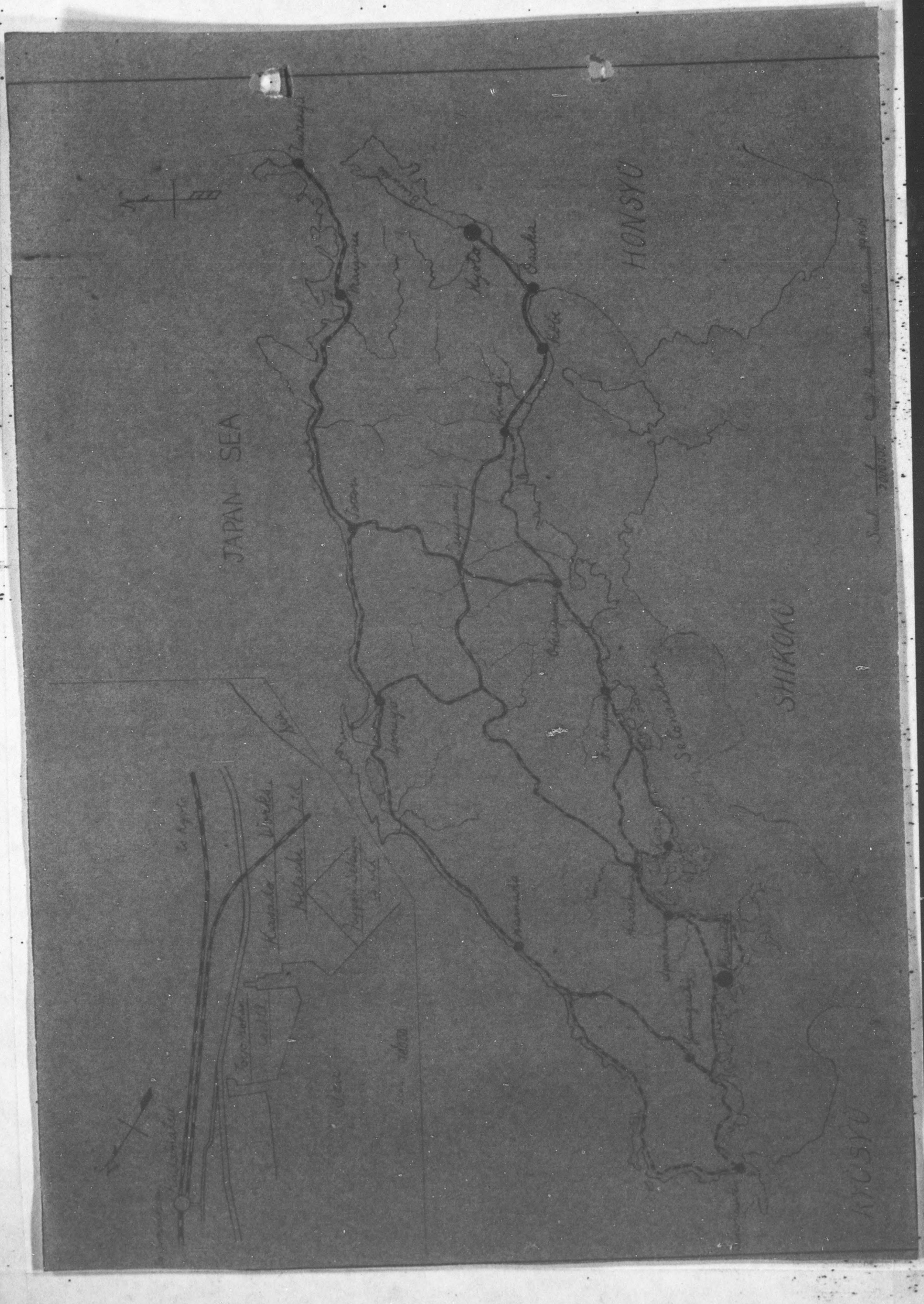
9

Nippon Sekiyu Co. Ltd.

Sea

No.	Name
1	Foundry
2	Machining shop
3	Main Office
4	3rd Factory
5	Tool Shop
6A	Machine Shop
7	Forging Shop
8	2nd Factory
9	1st Factory
10	Boiler Shop
11	1st Warehouse
12	Power Shop
13	Welding Shop
14	
15	2nd Warehouse
16A	Steel Work Shop
16B	Erection Shop
6B	Special Motion Shop
16B	Preliminary Arrangements Shop

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



DECLASSIFIED E.O. 12065 SECTION 3 (b), (1), (2), (3), (4)

IP 5 of individual
Plant application's is
headed "Condition". Now, this
heading due to incomplete understanding
of English Meaning. Should be headed
"Plans for Production", or Similar title.

THE APPLICATION FOR THE PERMISSION

OF

CONVERSION TO THE ESSENTIAL CONSUMERS' COMMODITIES

HITACHI, LTD.
No.12 Marunouchi-2-chome,
Kojimachi, Tokyo.

DECLASSIFIED E.O. 12065 SECTION 3 402/MR 83-

1. Name of firm — Hitachi, Ltd.

2. Location — No.12 Marunouchi 2-chome, Kojimachi-ku, Tokyo.

3. Capital

Authorised	¥700,000,000.
Paid-up	¥437,500,000.
Number of shares	Old-7,000,000 New-7,000,000.

4. Ownership — No ownership

Number of shareholders: 60,193

Main share holders:

Manshu Toshi Shoken K.K. (No.of shares - 2,695,910)
(Manchurian Investment Securities Co.,Ltd.)

Fukokuchohei Hoken K.K. (No.of shares - 440,000)
(Fukoku Conscription Insurance Co.,Ltd.)

Senji Kinyu Kinko (No.of shares - 375,526)
(War-time Special Accommodation House)

Nippon Toshi Shintaku K.K.(No.of shares - 321,530)
(Japan Investment Trust Co.,Ltd.)

Chiyoda Seimei-hoken Sogo K.K.(No.of shares- 320,000)
(Chiyoda Mutual Life Insurance Co.,Ltd.)

Teikoku Seimei Hoken K.K. (No.of shares - 265,595)
(Teikoku Life Insurance Co.Ltd.)

Nippon Seimei Hoken K.K. (No.of shares - 160,000)
(Japan Life Insurance Co.,Ltd.)

5. Government Investment — No investment

6. Company officials

Official representative	President	- N. Odaira
	Vice-president	- N. Takao
	Managing director	- K. Baba
	-"-	- T. Morishima
	-"-	- M. Oba
	-"-	- R. Ikeda
	-"-	- C. Yokota

DECLASSIFIED E.O. 12065 SECTION 3 102/MNSC NSC

Director	-	S. Rokkaku
"		M. Akita
"		O. Yamashita
"		R. Horioka
"		H. Tamagawa
"		Y. Watanabe
"		S. Miida
"		C. Kurata
"		K. Takeuchi
"		M. Torii
"		S. Onishi
Auditor	-	G. Kashimura
"		K. Saito
"		M. Ishii

7. Brief history of firm (Authorized plant of the Transportation Ministry)

A. General history:-

1920 - The firm was established with the capital of ¥10,000,000 forming an independent firm separating from the Kuhara Kogyo K.K.

1921 - The firm bought the factory of Kasado Dockyard from the Nippon Kisen K.K. and named it the Kasado Works.

1930 - The firm built the Hitachi Kaigan Works.

1933 - The capital was increased to ¥20,000,000.

1935 - The capital was increased to ¥40,000,000.

1937 - The capital was increased to ¥90,000,000, and amalgamated the Kokusan Kogyo K.K. making the capital to become ¥117,900,000.

1938 - The Kamearí Works was built.

1939 - The capital was increased to ¥200,000,000, and the Taga Works was built. And also by amalgamation in buying up the Tokyo Gasdenki Kogyo K.K. making the capital ¥204,500,000.

1940 - The Mito Works was built, and the capital was increased to ¥358,000,000 and the equipment and the facilities of the Works of Hitachi, Taga, Kamearí, Kameido, Kasado, Totsuka and Yasugi we enlarged and improved.

1942 - The Shimizu and Kashiwa Works were built.

DECLASSIFIED E.O. 12065 SECTION 3 (E)(1)(D) NLRS

1943 - The Riken Shinku Kogyo K.K. was amalgamated, and the Tochigi Works was built.

1944 - By amalgamation of the Nisho-Densen Shindo K.K. and the Tobata Imono K.K. the capital was increased to ¥700,000,000 and the Onahama Works was built.

B. Conditions of production

The firm, since its establishment, has aimed at the manufactures and sales of various kinds of machines and equipments, and the scope of the productions has been on lines of machines, equipments and apparatus indespensable for electric power generation, communication works, mining industries, chemical industries, iron steel manufacturing industries, etc.
But on the outbreak of the great war, we were pursuaded by the government authorities to manufacture various war supplies. We, however, stopped altogether the production of these was supplies at the termination of the war.

8. Site of the plants

Shimizu Works	Shimizu, Shizuoka-ken.
Kuwana Works	Kuwana, Miye-ken.
Amagasaki Works	No.6 Nishitakasu-machi. Amagasaki, Hyog-ken.
Yasugi Works	Yasugi-machi, Nogi-gun, Shimane-ken.
Kasado Works	Kudamatsu, Yamaguchi-ken.
Tobata Works	Meiji-machi, Tobata, Fukuoka-ken.
Wakamatsu Works	Ebisu-dori; Wakamatsu, Fukuoka-ken.
Kanda Works	Kanda-machi, Kyoto-gun, Fukuoka-ken.
Hitachi Works	Hitachi, Ibaraki-ken.
Taga Works	Taga, Ibaraki-ken.
Mito Works	Katsuta-machi, Ibaraki-ken.
Tochigi Works	Muro-machi, Tochigi, Tochigi-ken.
Kashiwa Works	Kashiwa-machi, Chiba-ken.
Kameari Works	Oyada-machi, Adachi-ku, Tokyo.
Kameido Works	Kameido-cho, Joto-ku, Tokyo.
Fukagawa Works	Eechujima-cho, Fukagawa-ku, Tokyo.
Mohara Works	Togo-mura, Chosei-gun, Chiba-ken.

DECLASSIFIED E.O. 11652 SECTION 3 (E)(2) NND 947

Kawasaki Works — Kawasaki, Kanagawa-ken.
Totsuka Works — Totsuka-ku, Yokohama.

The explanation given here in-after covers those of our works located wast of the Hakone.

The explanation of other works located east of the Hakone will be submitted to the Head Quarters 8th Army.

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

BALANCE SHEET

Note:- Every year consists of 2 fiscal terms ending August 31st and February 28th.

Unit 1,000 Yen.

Titles	Amount					
	1942		1943		1944	
	First	Second	First	Second	First	Second
Debtor:						
Capital unpaid	38,375	38,375	38,375	-	262,500	262,500
Fixed assets	148,166	164,318	195,740	232,429	290,358	344,280
Securities	161,192	164,056	186,719	198,119	220,655	225,617
Materials	111,504	114,345	121,612	141,707	169,627	232,920
Pastly manufactured goods	171,978	186,145	190,742	188,441	214,026	260,686
Manufactured articles	67,970	84,279	97,859	115,399	181,556	204,652
Accured assets	107,003	112,743	122,822	223,446	235,276	248,154
Bills receivable	2,414	657	1,327	-	340	90
Temporary payments	12,191	16,483	16,607	26,036	53,361	62,296
Reposits against workers retiring allowance reserve	-	4,260	4,807	5,357	6,003	8,339
Deposit & Cash	56,972	49,756	53,695	49,811	59,320	45,904
TOTAL	877,765	935,417	1030,305	1180,745	1693,022	1895,438
Creditor:						
Capital	358,000	358,000	358,000	358,700	700,000	700,000
Legal reserve	16,500	18,000	20,000	21,500	23,500	25,500
Special reserve	69,800	104,800	111,800	119,800	129,300	139,300
Workers retiring allowance reserve	3,742	4,260	4,807	5,537	6,003	8,339
Reserve for tax	-	-	-	-	13,000	15,000
Debentures	114,000	138,500	142,700	151,400	149,500	192,200
Dept	25,193	8,421	12,915	33,139	62,780	110,244
Money deposited	34,742	38,006	42,120	49,371	61,938	78,298
Money unpaid in advance	12,587	17,710	20,923	19,666	30,387	36,398
Temporary receipts	188,925	219,974	286,864	375,210	463,825	525,003
Carried forward profit	29,174	1,800	2,135	3,365	4,006	6,812
Current-term profit	25,102	25,946	28,041	43,237	48,783	58,344
Total	877,765	935,417	1030,305	1180,745	1693,022	1895,438

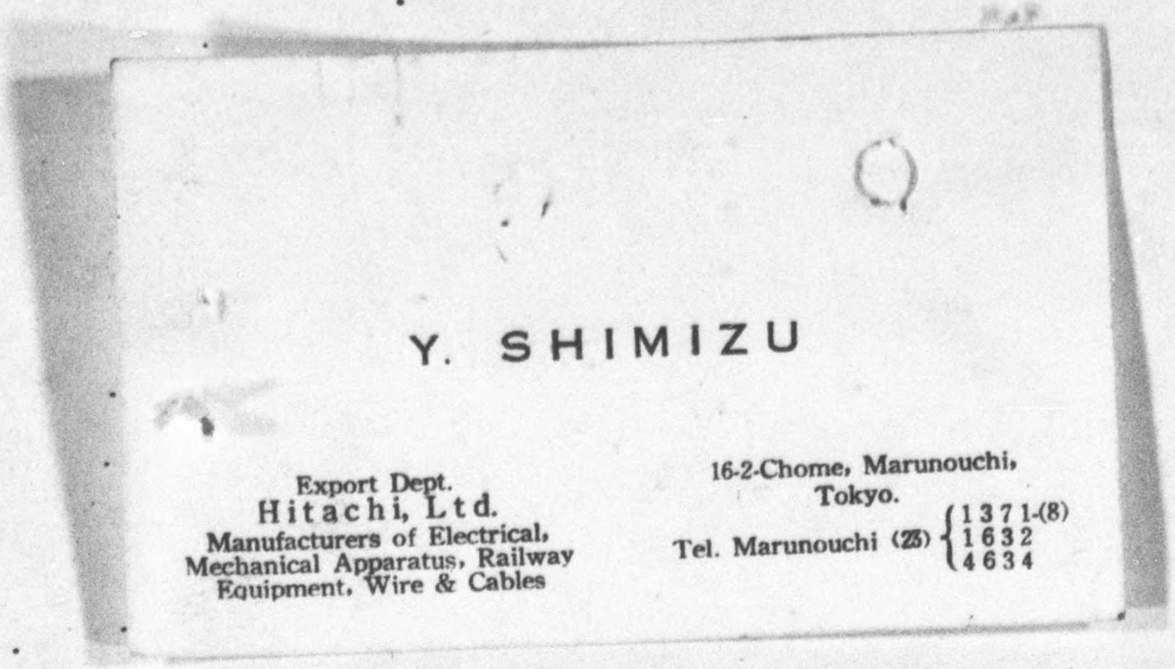
DECLASSIFIED E.O. 12065 SECTION 3 402/MNBS NO: [illegible]

PROFIT AND LOSS STATEMENT

Unit: 1,000 Yen

Titles	Amount					
	1942		1943		1944	
	First	Second	First	Second	First	Second
Sales	221,303	235,088	270,162	339,667	415,771	443,335
Miscellaneous receipts	3,317	3,143	7,393	8,680	4,421	4,141
Total income	224,620	238,231	277,555	348,347	420,192	447,476
Cost of sales	175,699	186,235	214,554	261,920	320,632	345,832
Miscellaneous losses	5,819	6,050	6,960	14,190	14,777	15,300
Reserve for tax	18,000	20,000	28,000	29,000	36,000	28,000
Total losses	199,518	212,285	249,514	305,110	371,409	389,132
Current term profit	25,102	25,946	28,041	43,237	48,783	58,344

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

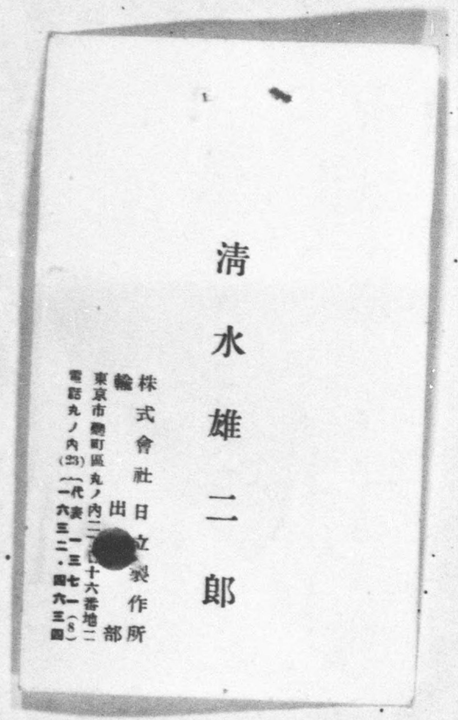


Y. SHIMIZU

Export Dept.
Hitachi, Ltd.
Manufacturers of Electrical,
Mechanical Apparatus, Railway
Equipment, Wire & Cables

16-2-Chome, Marunouchi,
Tokyo.
Tel. Marunouchi (23) 1371-(8)
1632
4634

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



清水雄二郎

株式會社日立製作所
輸出部
東京市麹町區丸ノ内二丁目十六番地二
電話丸ノ内(23)一六三二・一三七一(代表)

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

Items marked an individual permit for each plant within Area of Each Army jurisdiction.

Eighth Army has already approved application of firms' plants as follows:

1. Hatachi Plant		11 Oct.
2. Taga works		11 oct
3. Mito works		11 oct
4. Kasiwa "	-	10 oct
5. Tatuba "	-	11 oct
6. Kawasaki "	-	11 oct.

(& 3 others)

Items include such products as mining machines, Elec. RR Equipment, motor or Elec. appliances, Elec. Welders, Heavy Elec. Locomotives, Marine Engines, Cranes, Power Shovels & Bull Dozers, Truck Parts, Cables, telephone & telegraph Equipment.

HEADQUARTERS SIXTH ARMY
Military Government Section
APO 442 (Kyoto, Honshu)

Date: 17 November 1945

File: MG 23

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

TO: Hitachi Ltd. (Kasado Works)
Kudamatsu, Yamaguchi-ken

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

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

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

DECLASSIFIED E.O. 12065 SECTION 3 NND

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

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GEORGE. D.SEARS
Colonel, Infantry
Military Government Officer

Info Copies To:

GHQ, SCAP (Attention E & S. See)
CG VAC Corps, (Attn) MG Sec
Imperial Japanese Govt.
(6th Army Jap. Liaison Office, Kyoto)

I Incl: Annex No. 1, 17 Nov. 45

DECLASSIFIED E.O. 12065 SECTION 3 NND

HEADQUARTERS SIXTH ARMY
Military Government Section
APO 442 (Kyoto, Honshu)

ANNEX NO.1

17 November 1945

Permission is granted to Hitachi Ltd. (Kasado Works).Kudamatsu, Yamaguchi-ken, to produce the following items listed below:

a. Steam Locomotives.

b. Passenger Cars.

c. Freight Cars.

Nothing follows

GEORGE L. SCHMIDT,
Captain, Infantry.

DECLASSIFIED E.O. 12065 SECTION 3 402/NNSS NO.

日立製作所概要

THE GUIDE OF HITACHI, LTD.

GF-012B

DECLASSIFIED E.O. 12065 SECTION 3 402/NNSC NO.

日立製作所概要

弊社は明治42年茨城縣日立村に創業以來40年間、頭腦と、技術と、資本の總てを擧げて製作技能の向上と生產能力の充實に努力を續けて參りましたが幸に社運も年を追つて盛となり、製作機種も電機、產業機械、通信機、車輛、電線、鐵鋼製品等の廣い範圍に及ぶ今日の姿となつたのであります。

今次大戰に於ては幸に戰災を被ることも少く、又戰時中も電氣機械、產業機械の生產を續けて居りましたので賠償指定を受けることも輕く、終戰後の混亂時にも逸早く作業を進めることが出來て、採炭、食糧增產、運輸、電力等の重點產業に卽應する優秀機械を多數送り出して一日も忽せに出來ない復興、開發に大きく貢獻することが出來たのであります。戰災を受けた工場も旣に復舊しその他の工場も能率增加して參りましたので更に進んで將來の輸出用その他に備えて新製品の製作にも力を注いで居ります。

40年の經驗を基礎に優れた技術と、强力な研究機關と、完備された製作設備を活用し、所謂綜合製作の妙を發揮して發變電、交通運輸、鑛山、製鐵、土木、建築、農水產、冷凍等あらゆる分野に責任ある優秀機を送る弊社の特長は平和國家新日本建設に大きな原動力となることを自負して居ります。

DECLASSIFIED E.O. 12065 SECTION 3 402/NNSC NO.

工場所在地及製品概目

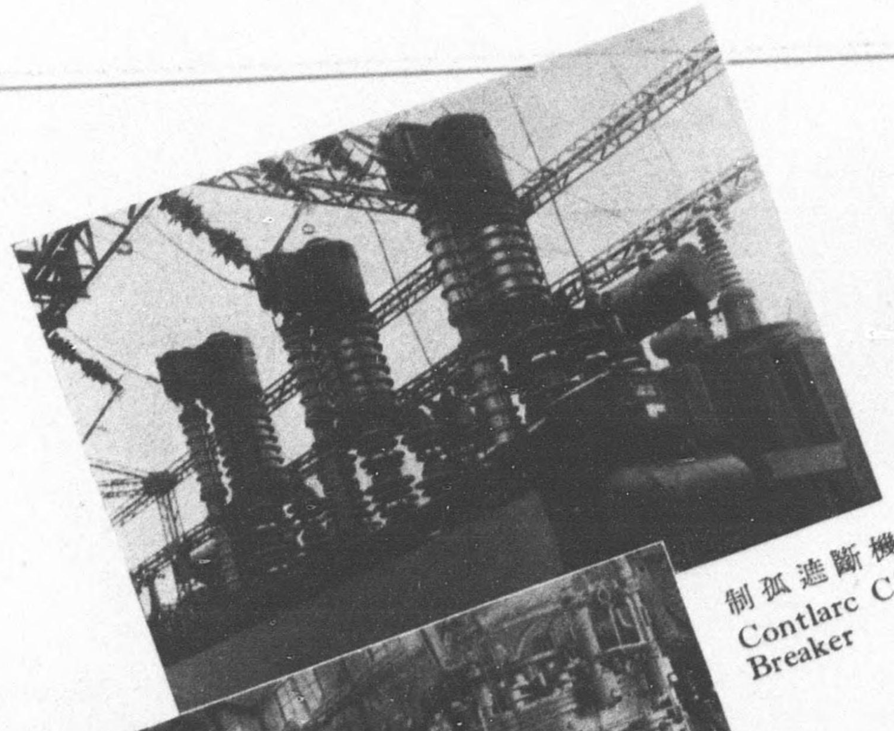
日立工場——茨城縣日立市（常磐線日立驛）

製品概目　水車、發電機、ボイラー、蒸汽タービン、調相機、回轉變流機、水銀整流器、變壓器、誘導電壓調整器、電動機、車輛用電氣品、電解槽、ポンプ、化學裝置、絕緣材料、その他各種電氣機器

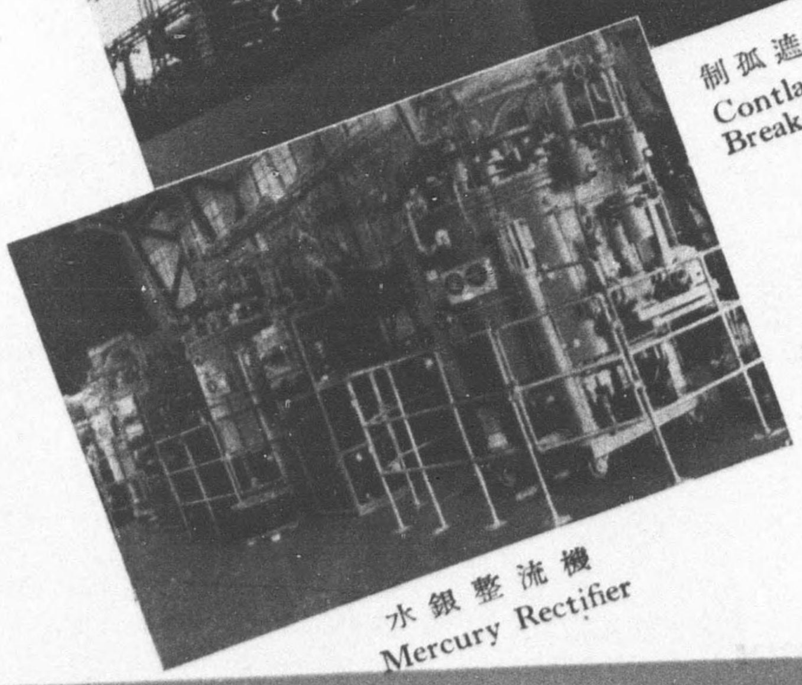
日立電線工場——茨城縣日立市（常磐線日立驛）

製品概目　裸線、絶緣線、動力ケーブル、通信ケーブル、その他各種電線、伸銅品、レールボンド

多賀工場——茨城縣多賀郡多賀町（常磐線常陸多賀驛）

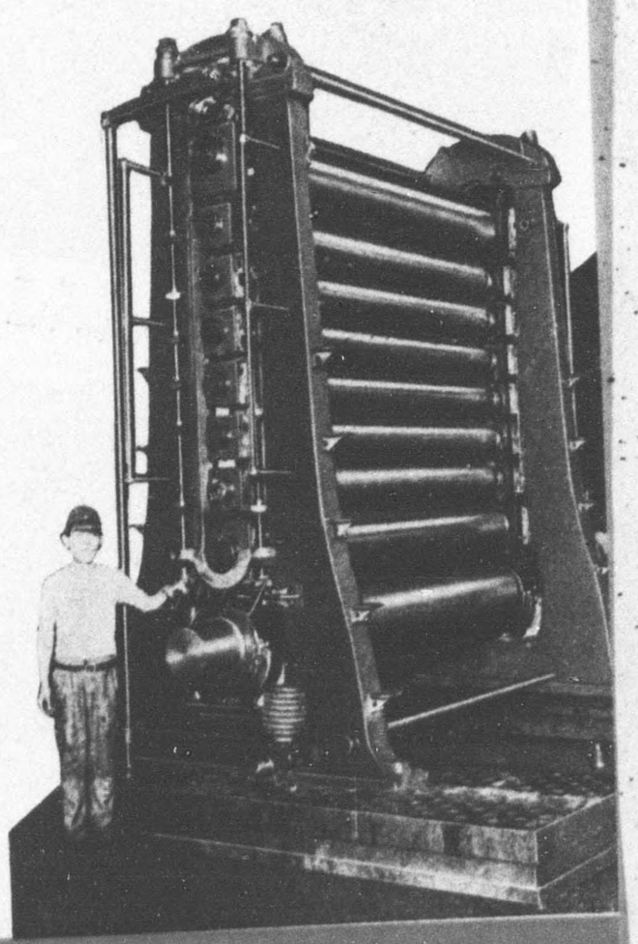


制弧遮斷機
Contlarc Circuit Breaker



水銀整流機
Mercury Rectifier

製紙ロール機
Paper Roll Mill



製品概目　遮斷器、斷路器、開閉器、電力フューズ、配電盤、計器、繼電器、計器用變成器、整流器、電磁開閉器、エレベーター、自動階段、熔接機、ホイスト、遠心清淨機、油濾過機、小型電動機、電氣扇、電氣井戸ポンプ、電熱器具、電氣刷子、合成樹脂製品、電裝品、電氣自動車用品、陶磁製品、その他各種電氣機器

栃木工場——栃木縣下都賀郡瑞穗村（東武鐵道新太平下驛）

製品概目　電氣冷藏庫、メチルクロライド冷凍機、アンモニヤ冷凍機

水戸工場——茨城縣那珂郡勝田町（常磐線勝田驛）

製品概目　電氣機關車、蓄電池機關車、產業車輛、電車用電氣品、測量機械、各種光學測定器、顯微鏡、普通鋼、鍛造品、鑄鋼品、鍛鋼ロール

龜戸工場——東京都江東區龜戸町（總武線龜戸驛）

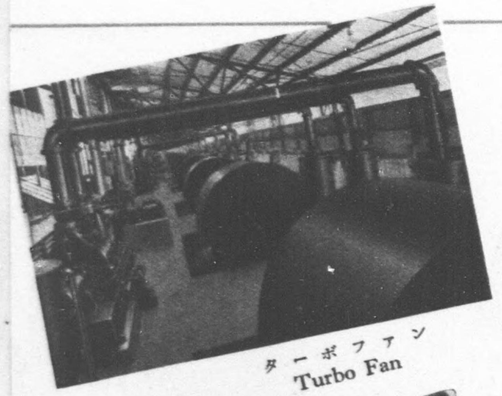
製品概目　壓縮機、送風機、汎用電動機、汎用變壓器、紡織機用モーター、クレーンモーター、特殊電動器、開閉器

龜有工場——東京都足立區大谷田町（常磐線龜有驛）

製品概目　起重機、輸送機、卷上機、採炭機械、土木機械、ポンプ、鐵道車輛用品、鑄鍛造品、その他諸機械

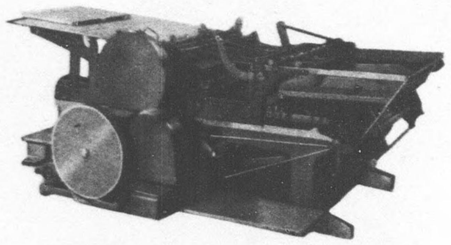
清水工場——靜岡縣清水市（東海道線清水驛）

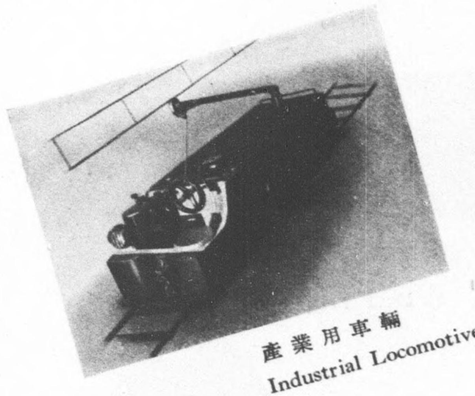
製品概目　壓縮機、送風機、食品加工機械、化學工業用機械、鑛山用機械、其他諸機械、各種鑄鋼鑄鐵製品



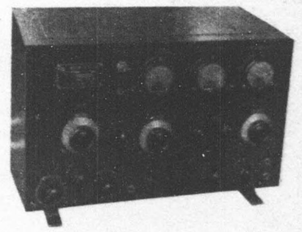
ターボファン
Turbo Fan

二回轉印刷機
Printing Machine

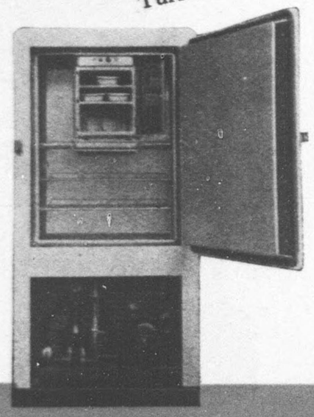




產業用車輛
Industrial Locomotive

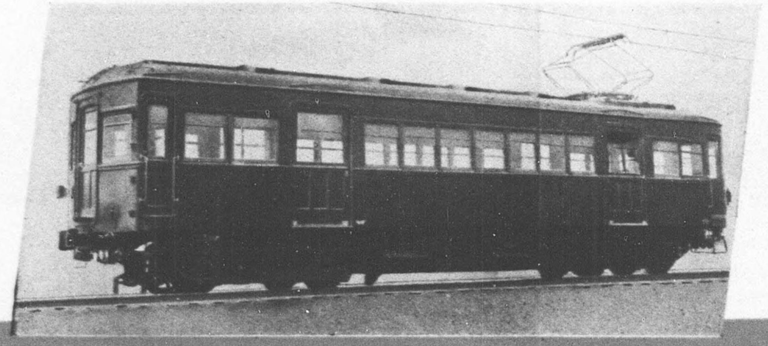


漁業用無線機
Radio Set for Marine Use



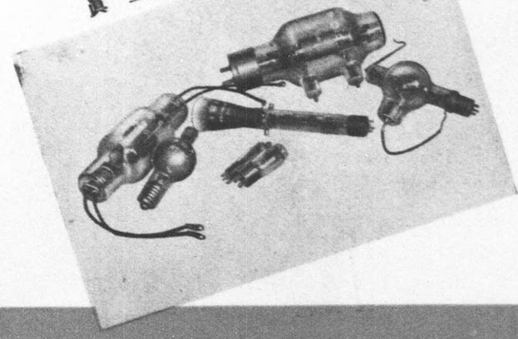
電氣冷藏庫
Electric Refrigerator

ボギー電動客車　Motor Car



電球
Electric Lamp

真空管 Tube



DECLASSIFIED E.O. 12065 SECTION 3 402/NNBS NO.

笠戸工場 —— 山口縣下松市 （山陽線下松驛）

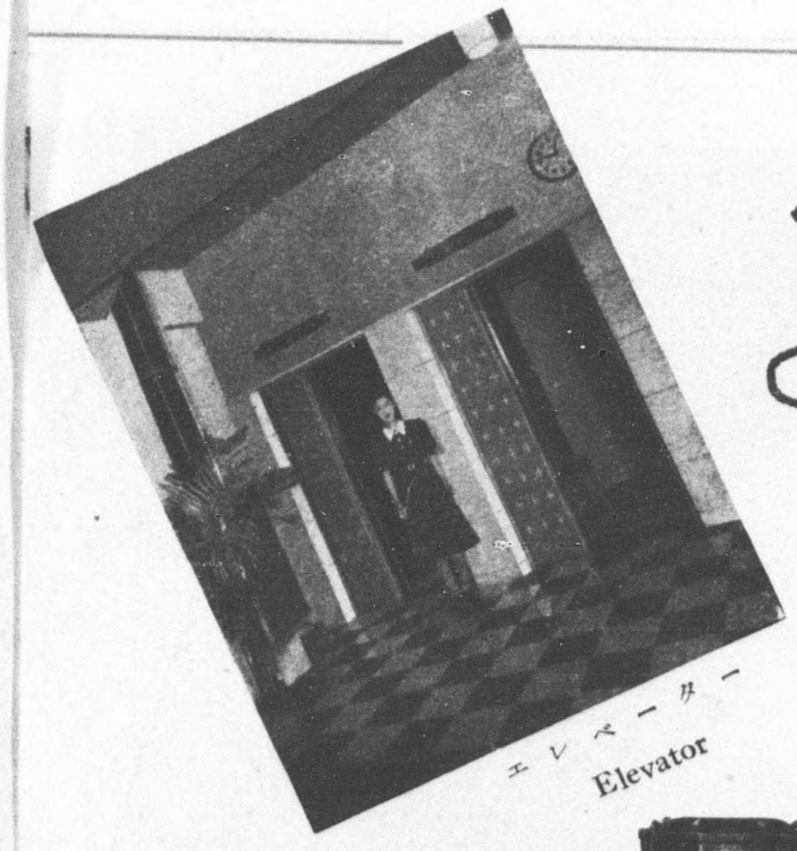
製品概目　蒸氣機關車、內燃機關車、無火機關車、其他各種機關車、電車、內燃動車、其他各種動車、動車用附隨車、客車、貨車、特殊鐵道車輛、ロードローラー、トラクター、汽罐類、ロコモビル、車輛部品、鐵道用諸機械

戸畑工場 —— 福岡縣戸畑市 （鹿兒島線戸畑驛）

製品概目　8印リンクチェーン、可鍛鑄鐵製品、鑄鋼製品

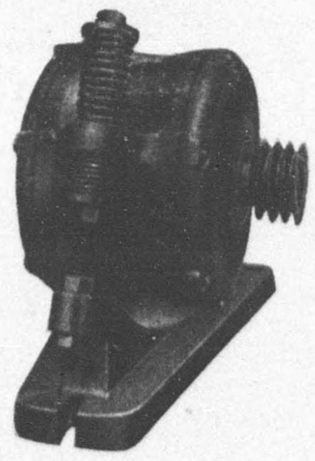
若松工場 —— 福岡縣若松市 （筑豐線若松驛）

製品概目　各種ロール及ロール機、製鐵用機械、製紙機械、クラッシャー、焙燒爐、化學用諸機械、タービンポンプ、大型鑄物

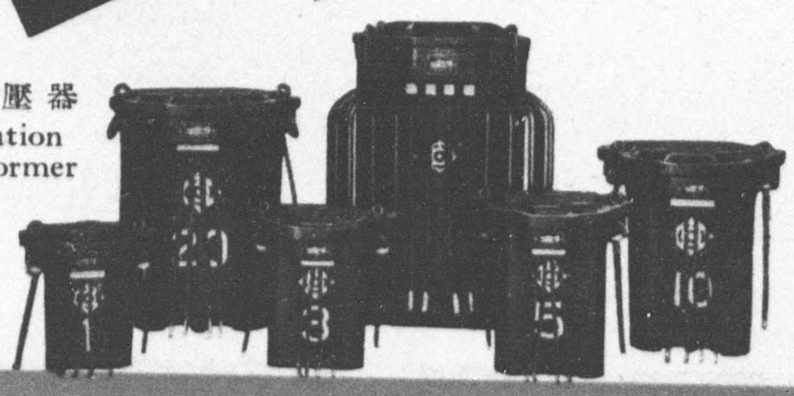


エレベーター
Elevator

自動式電話機
Automatic
Desk Telephone



紡績用モーター
Loom Motor



汎用變壓器
Distribution
Transformer

DECLASSIFIED E.O. 12065 SECTION 3 NND NO.

桑名工場 —— 三重縣桑名市 （參宮線桑名驛）

製品概目　黑心可鍛鑄鐵製及印鐵管繼手、グリースカップ、バルブ、コック

深川工場 —— 東京都江東區深川越中島町

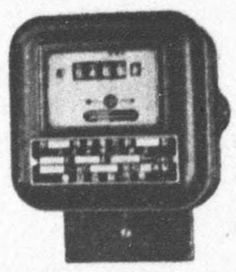
製品概目　黑心可鍛鑄鐵製自動車部品、コンベヤチェーン、リンクチェーン、其他黑心可鍛鑄鐵製品

戸塚工場 —— 橫濱市戸塚區戸塚町 （橫須賀線戸塚驛）

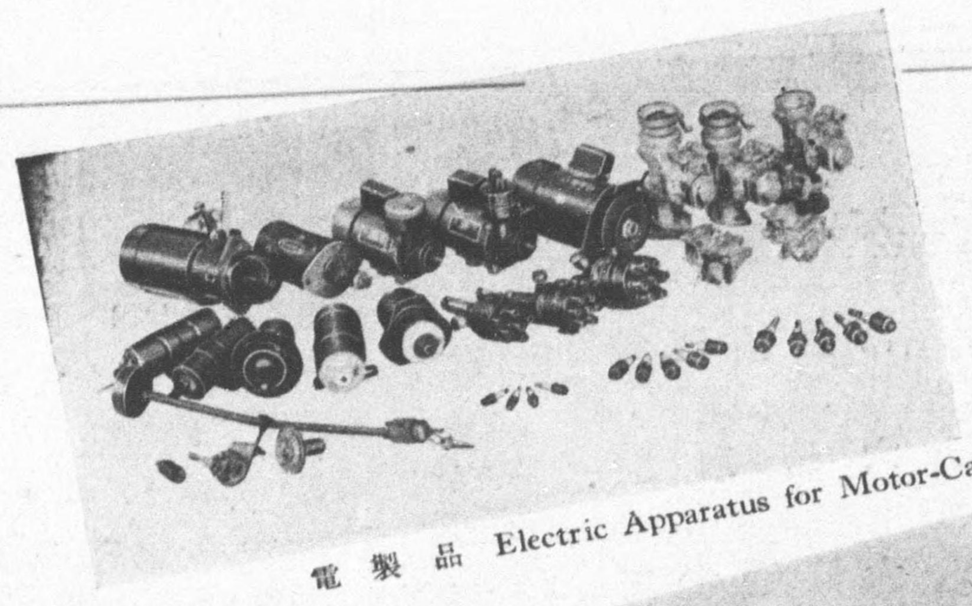
製品概目　電話機、電話交換機、ラジオ受信機、漁業用無線機、搬送電話裝置、放聲裝置、氣化器

安來工場 —— 島根縣能義郡安來町 （山陰線安來驛）

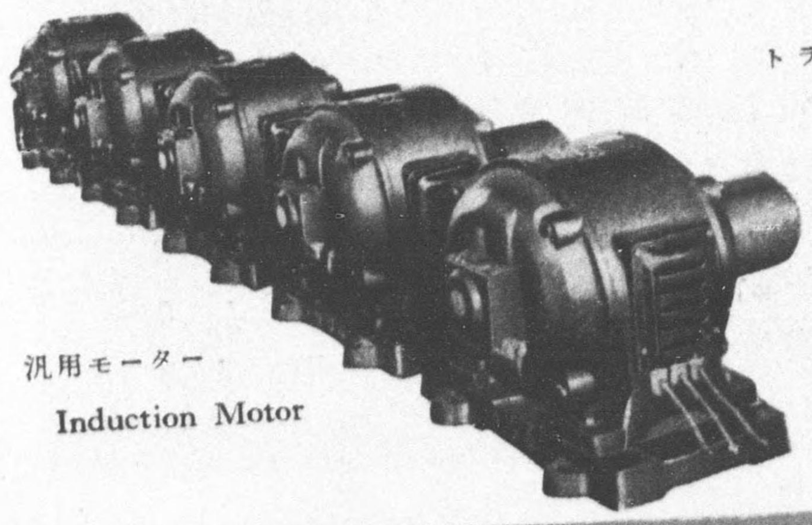
製品概目　特殊鋼、刃物鋼、各種切削工具、マグネット、エンヂンバルブ



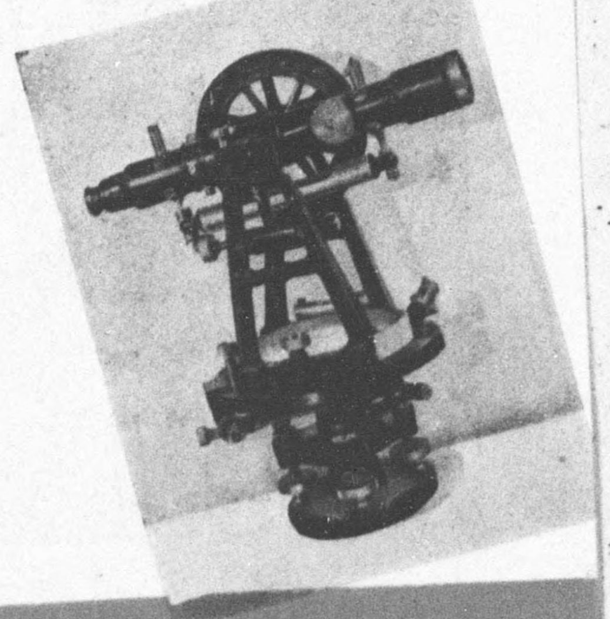
積算電力計
Watt Hour Meter



電 製 品 Electric Apparatus for Motor-Cars



汎用モーター
Induction Motor



トランシット
Transit

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

茂原工場 —— 千葉縣長生郡東鄉村 （房總東線茂原驛）

製品概目　各種電球、各種眞空管

川崎工場 —— 神奈川縣川崎市 （南武線鹿島田驛）

製品概目　炭鑛機械、製材木工機械、印刷機械

研究所所在地

日立研究所 —— 茨城縣日立市 （常磐線日立驛）

中央研究所 —— 東京都北多摩郡國分寺町 （中央線國分寺驛）

本店・營業所所在地

本　店	東市都千代田區丸ノ內2丁目12 電話丸ノ內（23）代表2362, 2591
常盤橋別館	東京都千代田區大手町2丁目5 電話丸ノ內（23）代表2362, 2591
大森別館	東京都品川區大井坂下町2,717 電話大森（06）代表0111, 3131
大阪營業所	大阪市東區北濱2丁目90番地（北濱日產生命館內） 電話北濱局303~309・土佐堀局3949
九州營業所	福岡市今泉町1丁目24番地 電話福岡西局自2273, 至2276
名古屋營業所	名古屋市中村區日置通4丁目1番地 電話名古屋本局1171—2
札幌販賣所	札幌市南一條西5ノ5
仙臺販賣所	仙臺市東四番町15
茨城販賣所	日立市助川

水電解槽 Electrolytic Cells