

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

Description of contents

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Iino Sangyo Kaisha - Maizuru Dockyard, Saw Mill

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16

List of Equipment

Jim Danyo

JULY, 15th, 1948.

"NOT USE MACHINES"

IINO SANGYO KAISHA LTD.

MAIZURU DOCKYARD.

SAW MILL.

"THE MACHINES AND INSTRUMENTS"

---- NOT USE ----

<u>BLDG. NO.</u>	<u>INTEGRATED FACILITIES</u>
42	Gas Plant
34	Plate Working Shop
39	Bending Slab
35	Power Plant No.1
36	Welding Shop
43	Tool Shop
41	Sheet Iron Shop
44	Machine Shop No.2
39, 304	Store House
33	Wood Working Shop
34	Welding Bar Mfg. Shop
39	Galvanizing Shop
51, 52, 53,	Oxygen Gas Shop
54	Salt Making Shop

SHIPBUILDING SECTION

15. 7. 1948

BLDG. NO. 42, 34, 39, 35, 36, 43, 41, 44, 39, 304, 33, 34, 39, 51, 52, 53, 54.

I.F.	Bldg.No.	Inv. No.	Name & Specifications
Gas Plant	42	22/24: 6896	Air Compressor: cap. 0.52 M3/min
		10062	Centrifugal Pump; cap. 800 l/min
		12875	Motor DC 6 HP
		12876	Do. AC 6 HP
		12877	Do. DC 8 HP
		10327	Do. AC 4 HP
		10328	Do. AC 2.7 HP
		14804	Welding Machine, Gas Press. tank, cap. 6000 lit.
		Plate Working Shop	34
5043	Hydraulic press cap. 70 tons		
5053	Drilling Machine. max. dia. 65 mm		
5055	Drilling Machine. max. dia. 63 $\frac{1}{2}$ mm		
5033	Drilling Machine. max. dia. 30 mm		
5034	Drilling Machine. max. dia. 25 mm		
4923	Shearing Machine. max. thick. 5 mm		
4924	Shearing Machine. max. thick. 13 mm		
5059	Shearing Machine. max. thick. 15 mm		
5058	Planner, Max. length 12000 mm		
5032	Sawing Machine, max. length 228 mm		
5555	Travelling Crane, only crab		
8308	Hoist: cap. 1 ton, el. lifting		
12126	Motor: 10 HP Induction		
10056	Surface Plate : Straightening		
10033	Do. : Do.		
10058	Surface Plate : Bending Slab		
10059	Do. : Do.		
10060	Do.		
10061	Surface Plate : Bending Slab		
13043	Platform Scale, Cap 1 ton.		
Bending Slab	39	5622	Bending Mach., Max. thick, 15 mm
		5612	Hydr'c press, cap. 60 tons
		5613	Hydr'c press, cap. 50 tons
		12212	Do. 8 tons kg
		5684	Forging Mach., Hammer, Fall'g wt. 500
		5611	Forming Mach., max.size, 150x150x12 mm angle
		5610	Forming Machine. angle, max. size 100x100x12 mm
		5667	Lathe; gap swing over bed: 500 mm
		5668	Lathe; gap swing over bed: 500 mm
		5669	Lathe; gap swing over bed: 510 mm
		5670	Lathe; gap swing over bed: 510 mm
5671	Lathe: gap swing over bed: 640 mm		
5672	Lathe; gap swing over bed: 570 mm		

I.F.	Bldg. No.	Inv. No.	Name & Specification
Bending Slab	39	22/24:	5673 Lathe; gap swing over bed: 500 mm
			5674 Lathe; gap swing over bed: 500 mm
			5624 Travelling Crane, lift, cap. 3 tons
			5627 Travelling Crane, 1 ton
			10324 Hoist lifting cap. 1 ton electric
			10325 Hoist lifting cap. 1 ton electric
			14890 Blower, del. volm. 8496 m3/min
			5581 Boiler, working press. 7 kg/cm ²
			10063/10125 Surface plate : bending slab
			10318 Do.
	10335/10336 Do. : straightening		
	13067 Platform scale, cap. 1 ton		
No. 5 Power Plant	35	4908	Hydr'c Pump: 80 HP pressure 105 kg/cm ²
		8325	Motor: Induction ½ HP
		8326	Do.
		8327	Do.
		8328	Do.
		8329	Do.
		12123	Pump; air centrifugal, cap. 417L/min
No. 2 Power Plant	26	3849	Blower, cap. 50.4 M3/min
		3850	Blower, cap. 52.5 M3/min
No. 3 Power Plant	11	744	Air Compressor: 600 H. press. 8 kg/cm ²
		736	Air Compressor: 125 HP. press. 225 "
Do.	8	742	" 125 HP. " 8½ "
Do.	8	738	Hydr'c pump; 60 HP, Press, 105 Kg/cm ²
		737	Motor: 95 HP
Welding Shop	36	5329	Grinder.
		5350	Do.
		4207	Welding machine
		4209	Do.
		4206	Do.
		4501/4512	Do.
		5016/5027	Do.
		5029/5031	Do.
		4991	Do.
		4992	Do.
4994/4999	Do.		

I.F.	Bldg. No.	Inv. No.	Name & Specification
Welding Shop	36	22/24 : 5001	Welding Machine
		5004	Do.
		5007/5013	Do.
		5015	Do.
		4973/4975	Do.
		4978/4990	Do.
		4937/4962	Do.
		4965/4971	Do.
		5036/5041	Do.
		4932/4936	Do.
		4913	Do.
		4920	Do.
		4921	Do.
		5337	Do.
		5349	Do.
		5348	Do.
		5330	Do.
		5081	Do.
		5088	Do.
		5331	Do.
		5336	Do.
		5078	Do.
		5079	Do.
		5080	Do.
		5099	Do.
		5103	Do.
		5105/5108	Do.
		5110/5115	Do.
		5117	Do.
		5118	Do.
		5122	Do.
		5124/5126	Do.
		5128/5132	Do.
		5134	Do.
		5135/5140	Do.
		5142/5217	Do.
		5220	Do.
		5221	Do.
		5677	Do.
		5224/5231	Do.
		5233	Do.
		5659	Do.
		5237	Do.
		5238	Do.
		5241	Do.
		5243	Do.
		5244	Do.
		5657	Do.
		5656	Do.
		5248	Do.
		5249	Do.
		5251	Do.
		5658	Do.

- excluding No. 5228

I.F.	Bldg. No.	Inv. No.	Name & Specification
Welding Shop	36	22/24 :	
		5253/5356	Welding Machine
		5663	Do.
		5319	Do.
		5260	Do.
		5269/5271	Do.
		5277/5318	Do.
		5320/5327	Do.
		5506/5510	Do.
		5512	Do.
		5514	Do.
		5529	Do.
		5532	Do.
		5540/5549	Do.
		5551/5554	Do.
		5517/5520	Do.
		5524	Do.
		5525	Do.
		5570	Do.
		5571/5567	Do.
		5565/5562	Do.
		5596/5501	Do.
		5605/5609	Do.
		5758	Do.
		6897	Do.
		6912/6904	Do.
		6932	Do.
		6925	Do.
		6938	Do.
		6939	Do.
		6942	Do.
		6943	Do.
		6945	Do.
		12139/12145	Do.
		13064	Platform Scale : 2 tons
		13084	Do.
		5464	DC Welding Machine.

I.F.	Bldg. No.	Inv. No.	Name & Specification
Bending Slab	40	22/24:	
		10528/10536	Surface Plate Slab (9) 2000 x 1000 x 200 mm
		10544/10548	Do. (5) Do.
		14108	Pump Power (2)
		5588	Pipe cutter: dia. of cir.saw 450 mm
		5589	Do.
		8355	Hoist, el. cap 1 ton.
Tool Shop	43	6885	Grinder, floor type, single head
		6887	Do.
		6888	Do.
		6883	Do.
		6884	Do.
		8419	Line shafting, dia 80 mm. leng. 200 mm
		6890	Furnace, heating, el. cap. 2 KW
		6891	Do. 30 "
		6892	Welding Machine, butt AC 150 KVA
		6893	Do.
		6881	Forging Machine, 152 kg, Hammer (Air)
		6882	Do. 25 "
		14054	Platform Scale, cap. 1000 KG
		14044	Blower, fan, del. volm.
		6878	Motor AC 25 HP
		6877	Drilling Machine, bench drill, cap. 15 mm.
		6879	Blower, roots, del. volm. 80m ³ /min.
		12229	Manual press, bench max. 250x250x1 mm
		12233	Motor AC 10 HP
		12231	Do. " 5 HP
		12232	Do. " 7½ HP mm
		14051	Surface plate; slab (2) 2000x1000x200
		10557	Anvil, 850x500x170 mm
		6875	Blower, roots, del. vol. 10 m ³ /min
		14045	Blower, fan, centrifugal, del'y volm 40 m ³ /min.
		14043	Swage block, 400 x 400 x 130 mm (4)
		Sheet Iron Shop	41
5649	Drilling Machine, vertical drill, cap. 14 mm		
5639	Drilling Machine, bench drill cap. 15 mm		
5640	Do.		
5647	Drilling Mach. vertical drill cap. 14 mm		
12217	Grinder, floor, double head		
12218	Do.		
5655	Welding machine, Arc AC 105 KW		
12215	Do. Spot, AC : 100 KVA		
12216	Do. (6)		

I.F.	Bldg. No.	Inv. No.	Name & Specifications
Sheet Iron Shop	41	22/24:	
		10400	Hoist, Cap. 1 ton. Hand chain
		13070	Platform Scale, cap. 150 kg.
		10345/10350	Surface plate, straightening 2M x 1 M x 0.12 M (6)
		10351/10352	Do. 2M x 1M x 0.2M (2)
		10354	Do. 2½M x 1M x 0.12M
		10355	Do. 2M x 1M x 0.12M
		10358	Do. 3M x 1M x 0.1M
		10359	Do. 2.45M x 1.2M x 0.6M
		10360	Do. 1M x 0.8M x 0.2M
		10361/10362	Do. 2.45M x 1M x 0.12M (2)
		10363	Do. 2½M x 0.9M x 0.2M
		10366/10372	Do. 2M x 1M x 0.2M (7)
		10373	Do. 2½M x 0.9M x 0.2M
		14067	Do. 2M x 1M x 0.2M (2)
		14068	Do. 2M x 1M x 0.2M (9)
		Machine Shop No.2	44
5689	Do. Vert. turret tool post		
5741	Drilling mach, Vert. drill. cap. 23 mm		
5742	Do. 14 mm		
5747	Do. Bench drill cap. 14 mm		
5748	Do. Vert. drill cap. 10 mm		
5749	Do. " " 23 mm		
5720	Gear cutter milling hor.		
5688	Grinder, external: internal		
5701	Do. Floor type double hd.		
5687	Lathe face, lathe SOB 1830 mm, bed length 2200 mm		
5703	Do: engine, SOB. 390 mm B.L. 6093 mm		
5732	Do. eng. SOB 390 mm, B.L. 1950 mm		
5702	Milling mach., knee hor'l.		
5709	Slotter: vert. stroke, 300 mm		
8415	Line shafting, dia. 75mm leng. 16000 mm		
5707	Motor : AC 40 HP		
5725	Motor : AC 10 HP		
5726	Motor : AC 75 HP		
5727	Motor : AC 75 HP		
12226	Do. 10 HP		
12227	Do. AC 7½ HP		
10566	Do. DC ¼ HP		
10567	Do. DC 1 HP		
13836	Hydr'c press Hor'l 100 tons		
13835	Hydr'c press Hor'l 150 tons		
10563/10564	Surface plate, gutter 2m x 1m x ¼m		
10565	Do. precision 0.8M x 0.8M x 0.14 M		
10401/10402	Do. 1¼m x 1.07m x ¼m		
14097	Manual press: max. wk, 100 x 100 x ½ mm		
5675	Fur. heating, coal hand.		
10551/10552	Hoist, hand chain, cap. 2 tons (7)		

I.F.	Bldg. No.	Inv. No.	Name & Specification
Machine Shop No.2	44	22/24:	
		10553/10554	Hoist, hand chain, cap. 1ton
		10556	Do. 1ton
		10553	Winch Steam, single drum, 7tons
		8412	Hoist electric cap. 2tons
		10559	Winch single, drum, steam cap. 5 ton
		10560	Do.
		14066	Swage block : 420 x 420 x 150 mm
Store House	39	10403	Winch double drum, electric cap. 1500 kg.
		10404/10405	Do. 750 kg.
		12184/12187	Pump: reciprocating, el, cap. 833 l/
		12188/12191	Do. 600 l / min. min
		10408/10411	Blower, fan del. volm., 120m ³ /min
		10412	Do. 8m ³ /min
		10413/10415	Do. 80m ³ /min
		10416/10431	Do. 35m ³ /min
		10459/10483	Do. 4m ³ /min
		10484/10486	Do. 220m ³ /min
		10520/10521	Do. 120m ³ /min
		10441/10444	Do. 80m ³ /min
		10432/10433	Do. 40m ³ /min
		10446	Do. 15m ³ /min
		10448	Do. 20m ³ /min
		10434/10435	Do. 80m ³ /min
		10436/10437	Do. 40m ³ /min
		10438	Do. 50m ³ /min
		10439	Do. 35m ³ /min
		10440	Do. 20m ³ /min
		10449	Do. 20m ³ /min
		14076	Do. 15m ³ /min
		14077	Do. 15m ³ /min
		12199	Do. 85m ³ /min
		12200	Do. 126m ³ /min
		12201	Do. 120m ³ /min
		14075	Pump-axial del'y vol. 19m ³ /min with axial del'y vol. 15 m ³ /hr
		14075	Pump, Centrifugal del'y vol 10 m ³ /hr
		14073	Refrigerator, 2500 K cal/hr. Kind of liq. CH3 CL or CF 20 CL2
		12204/12208	Do.
		12192/12197	Do.
12202/12203	Do. 25000 Kcal/Hr. kind/liq. CO2		
14094	Motor: AC 420V 27 HP		
10445	Motor: DC 220V 3 HP		
10450/10458	Do. DC 100v 2½ HP		
10487/10519	Surface plate : slab 2Mx1Mx0.15M		

I.F.	Bldg. No.	Inv. No.	Name & Specification
Wood working Shop	33	22/24:	
		13067	Platform scale, max. cap. 400 kg.
		13581	Grind stone, dia. 1150 mm dia, 0.15 M
		4910	Grinder dia, 0.3 m thickness 25 mm
		6874	Do. 0.3 m " 25 mm
		13578	Drilling Mach. max. drill. cap. 22 x 130 mm
		4484	Lathe: Swing O.Head 540 mm
Welding bar Mfg. Shop	34	4914	Grinder
		10580	Pug Mill: cap. 0.08 Mt/Hr. 2 HP
		10579	Do.
		10588	Do. 0.04 " 1/4 HP
		12124	Do. Micron Mill: 200 meshes
		10508	Material Mixer : - 1/2 HP
		12125	Wire washing machine
		13588	Welding Bar Making Machine, Auto, cap. 420 p/hr.
		4919	Pump reciprocating cap. 150 lit/min 5 HP
		10590	Winch, 5HP Cap. 1 1/2 tons
		13604/13607	: Desicator
		10571	Surface Plate
		10574	Motor AC 1/4 HP
		10575	Do. AC 1/4 HP
		4913	Welding Machine, AC 15 KVA
		13587	Pug Mill: 0.05 Mt/Hr, CSD
		13590	Do. 0.05 Mt/Hr. 1 HP
		13591	Do.
		13592	Do. 0.2 Mt/Hr. 2 HP
		13593	Do. Hand
		13594	Do.
		13595	Do.
		13596	Colloid Mill : 3 HP
		13597	Do. : 2 HP
		10573	Hoist: electric 1 mt
		10584	Motor: A.C 3 HP
		10585	Do. " 1/2 HP
		10586	Do. DC 1 HP
		10587	Do. DC 1 HP
		13598	Do. DC 1/4 HP
		13610/13613	: Vices
		13621	X-ray neatl testing machine.
		13039	Platform scale. cap. 150 kg.
13041	Do. 20 kg.		
13042	Do. 100 kg.		
Gal. Shop	39	5636	Pump : turbine, 10 HP
		16382	Desicator
		8402	Hoist: Air driver. 2.7 HP
		8403	Do. hand chain, 1/2 mt
		15257	Tackle wooden

I.F.	Bldg. No.	Inv. No.	Name & Specification	
Bending Slab	39	22/24 :		
		5628	Shearing Machine.	
		12209	Motor: AC 5 HP	
		5630	Mechanical Press	
		5575	Do.	
		14812	Vice	
		14813	Do.	
		14814	Do.	
		14815	Do.	
Oxygen gas Plant	51	6956	Compressor: 5 stage 300 Kg/cm ² reciprocating cap 1.7 M ³	
		13657	Pump: hand driven	
		52	13658	Do.
		53	13659	Do.
			13660	Oxygen gas separator : 30 m ³ /hr.
			13661	Do.
			13662	Do. : 15 m ³ /hr.
			13663	Do.
		51	13664	Air cleaner
		52	13665	Do.
		51	13666	Air dryer : 4 tower
		52	13667	Do. 3 "
			13668	Do.
		51	13669	Do. 2 tower
			13670	Do. 1 tower
			13671	Do.
			13672/13674	: Water separator
		52	13675/13677	: Do.
		51	13678/13679	: Strage Tank : 324 Lit.
			13680/13688	: Air Reservoir tank, cap. 250 lit.
			13689	Do. 405 "
		52	13690	Do. 200 "
		51	10576	Surface Plate
		12878	Motor AC 5 HP	
		13691	Heater : electric 5 K.W.	
		13692	Do.	
Salt Making Shop	54	8513	Hoist : electric : 1 mt	
		8512	Do.	
		10594	Winch: 2 mt. AC 20 HP	
		12883	Blower : 15 HP cap. 40 m ³ /min.	
		10598/10605	Surface Plate	
		10606	Motor:AC 4 HP	
		12882	Pump	
		15277	Switch Board	
		15279	Do.	

--- End ---

(10)

"THE MACHINES AND INSTRUMENTS"

--- NOT USE ---

BLDG. NO.

INTEGRATED FACILITY

304

..... Plate Working Shop

SHIPBUILDING(DESIGNING) SECTION

(11)

BLDG. NO; 304

775013

I.F.	Bldg. No.	Inv. No.	Name & Specification	Remarks
Plate Working Shop	304	22/24 :13636	Binding Machine	Binding part damaged

"THE MACHINES AND INSTRUMENTS"

---- NOT USE ----

<u>BLDG.NO.</u>	<u>INTEGRATED FACILITY</u>
45	No. 1 Dry Dock
46, 49, 309, 312, ...	No. 2 Dry Dock
50.....	No. 3 Dry Dock
40.....	Rigging & Sewing Shop No. 2 Slip way
265	Ships

Dry Dock Section

(13)

BLDG.NO. 45, 46, 49, 309, 312, 50, 40, 265.

I.F.	Bldg. No.	Inv. No.	Name & Specification	Remarks
No.1 Dock	45	12220	Motor: AC 100 HP	
No.2 Dock	--	6915	Fire Tube Boiler	
	49	6924	Transformer	
	49	15133/15134	Do.	
	46	6925	Welding machine	
	309	10665	Motor: DC 1 HP	
	312	13086/13087	Weighing machine	
	312	-----	Medical treatment tank for divers disease	
	49	-----	Cooking stove : 4 sets	
		-----	Rice boilers : 4 pcs.	
		-----	Wind gauge : 1 pcs.	
No.3 Dock	--	6944	Tower crane, hoist; power 10 tons	
	50	6947	Centrifugal pump: AC 5HP ; portable	
	50	6948	Do. DC 230 HP	
			5100 T/Hr No.3 Dry	
			Dock main pump.	
	50	6950	Do.	
	50	6949	Centrifugal pump : DC 30 HP	
			No.3 Dock Aux. pump	
Rigging & Roving Shop	40	5591	Wire net making set	
		5590	Testing & measuring machine. 25 tons	
	--	6895	Do. 205 tons	
	40	8299	El. winch	
	40	10622	Motor : $\frac{1}{8}$ HP D.C.	
	40	10672	Do. : $\frac{1}{4}$ HP D.C.	
	40	10668	Do. 1 HP D.C.	
	40	13817	Sewing machine, for ind'l use	
No.2 slip way	--	5558, 5560	Over head crane : hoist power, 2tons	
	--	10623/10625	Surface plate : 2m x 1m	
Ships	--	10648	Fire boat	
	--	10646	Motor launch	
	--	13140	Floating crane : 75 tons, not completed	

"THE MACHINES AND INSTRUMENTS"

---- NOT USE ----

<u>BLDG.NO.</u>	<u>INTEGRATED FACILITY</u>
28, 31,	Machine Shop
26, 27	Boiler Shop
28, 31	Fitting Shop
13, 285, 313	Fitting Shop

ENGR. SECTION

(15)

BLDG.NO. 28, 31, 26, 27, 28, 31, 13, 285, 313.

I.F.	Bldg. No.	Inv. No.	Name & Specification
Machine Shop	28	22-24-4218	Lathe; engine swing 350 center dis. 1100 (m/m)
		4220	Do. " " " "
		4223	Shaper; stroke : 508 mm
		4228	Milling mach., vertical 860, long'l travel 860
		4229	Do. vertical 360. long'l travel 420 mm
		4230	Lathe; eng. swing: 400 mm center dis. 700
		4231	Do. 350 mm 800
		4232	Do.
		4233	Do.
		4234	Lathe: eng. swing 300: center dis. 1520 mm
		4237	Do. 304: 711
		4238	Do. single purpose swing 350mm
		4240	Lathe: single swing 350mm
		4241	Do. swing 360: center dis. 800 mm
		4242	Milling machine, vertical: long'l travel 420 mm
		4243	Drilling mach. radial arm: length 1530 mm
		4408	Lathe : face - swing 2100 mm
		4409	Lathe do
		4410	Lathe do
		4418	Lathe; gap: swing over bed 1828 mm over bed 818 mm, center dis. 7200 mm
		4419	Shaper : stroke: 712 mm
		4420	Planer: table 508 x 1220 mm 14876
		4421	Lathe: engine swing 912 mm, centr. dis.
		4426	Boring machine, horiz'l dia. of bar 103 mm
		4427	Universal machine.
		4428	Lathe engine
		4430	Grinder saw
		4432	Grinder - tool & cutter
		4433	Do.
		4434	Do.
		4435	Lathe: gap swing 260 mm center dis, 600 mm
		4436	Grinder : tool and cutter
		4437	Grinder : - surface
		4438	Grinder
		4439	Grinder : centerless max. work. dia. 90mm
		4441	Grinder - tool & cutter
		4443	Polishing machine
		4453	Drilling machine, upright drill cap. 40 mm
		4454	Hack sawing mach. max. work: diam. 185 mm
		4455	Drilling machine, bench drill cap 10
		4456	Lathe - bench swing 235 mm center dis. 300 mm
		4457	Do.
4458	Do. 260 mm mm		
4460	Do. 235 mm centr. dis. 300		
4465	Do. eng. swing 340mm, centr dis. 950 mm		
4466	Shaper : stroke: 510 mm		
4467	Milling mach., vert'l: long'l travel 440 mm		
4469	Milling mach., bench		
4470	Milling mach., hor'l long'l travel 460 mm		
4471	Drilling mach. upright drill cap. 32 mm		
4472	Milling mach., hor'l bench (16)		

I.F.	Bldg. No.	Inv. No.	Name & Specification	Remarks
Machine Shop	28	4473	Milling machine, horizontal: long'l travel:	630 mm
		4479	Lathe: -gap swing:	320mm centr. dis. 870 mm
		4482	Do.	
		4486	Grinder : tool & cutter	
		4488	Lathe: -engine swing	278 mm center dis. 750 mm
		4492	Lapping machine	
		4497	Lathe - engine	
		4498	Do.	
		4499	Travelling crane : cap.	15 M.t.
	31	4513	Band sawing machine, max. work dia.	200 mm
		4537	Drilling machine, radial arm length :	1500 mm
		4542	Slotter : stroke	305 mm
		4544	Grinder: tool and cutter	
		4548	Gear cutter max. work dim.	500mm
		4552	Gear hobber max. work dim.	175 mm
		4553	Do.	
		4555	Do.	80 mm
		4556	Milling machine, hori'l: long'l travel	900 mm
		4558	Lathe - face : swing	1200 mm
		4561	Lathe - engine: swing	818 mm center dis. 4160 mm
		4565	Lathe - gap	" " 1830 mm
		4577	Milling machine, hor'l : long'l travel	860 mm
		4578	Do.	" 851 mm
		4579	Do.	univ'l: long'l travel: 864 mm
		4581	Grinder: Saw	
		4600	Drilling machine, radial arm length;	2450 mm
		4602	Grinder : tool and cutter	
		4605	Lathe - engine swing	520 mm center dis. 800 mm
		4606	Do.	
		4607	Do.	
		4610	Milling machine, universal: long'l travel	660
		4612	Do.	
		4613	Do.	
		4614	Milling machine, verti'l: long'l travel	810 mm
		4615	Milling machine, universal : long'l travel	660 mm
		4616	Milling machine, bench	
		4617	Do.	mm
		4618	Grinder: centerless swing	60 mm, max. work dia 2 -60
		4619	Drilling machine, radial length:	150mm arml. 1000 mm
		4621	Flange cutting mach. max. work dia.	400 mm
		4622	Boring machine, hor'l dia. of bar	130mm
		4623	Do.	135mm
		4625	Milling machine, vert'l: long'l travel:	1000 mm
		4626	Slotter: stroke:	609 mm
		4628	Planer: table	3,050 mm x 915 mm
		4636	Boring machine, vertical: swing	3,500 mm
		4653	Do.	hor'l dia. of bar 200 mm
		4655	Milling machine, vertical: long'l travel:	1650 mm

I.F.	Bldg. No.	Inv. No.	Name & Specification	Remarks
Machine Shop	31	4656	Milling machine, vertical: long'l travel :	860 mm
		4665	Grinder: - surface table travel:	1000 mm
		4666	Do.	600 mm
		4669	Welding machine, AC 800 amp.	
		4670	Grinder: external cylindrical swing	350 mm
		4674	Drilling machine, drill. cap. 30 mm swing	570 mm
		4675	Do.	32 432
		4676	Do.	30 570
		4686	Planer: open side max. work height:	2000 mm
			width :	3500 mm
		4689	Lathe: gap swing: 464 mm: center dis.	1720 mm
		4690	Lathe: engine 632 mm (swing) center dis.	1732 mm
		4691	Do. gap swing 632 mm center dis.	1360 mm
		4692	Do. 464	1750
		4694	Boring machine, hor'l dia. of bar :	225 mm
		4695	Drilling machine, radial arm; length	1220 mm
		4696	Do.	
		4697	Do.	
		4700	Boring mach., hor'l dia. of bar:	108 mm
		4701	Planer: table 1200 x 520 mm	
		4702	Do. 1810 x 640 mm	
		4703	Boring machine, hor'l dia. of bar :	80 mm
		4704	Gear hobber max. work dia. 500 mm	
		4706	Lathe : - gap swing 1374 mm	
		4707	Boring machine, hor'l dia, of bar:	100 mm
		4709	Slotter : stroke : 609	
		4710	Boring machine, hor'l dia. of bar :	125 mm
		4711	Do.	170 mm
		4716	Drilling machine -radial arm length :	1500 mm
		4718	Do.	1220 mm
		4724	Milling machine -thread swing 500 mm	
		4725	Do. vertical : long'l travel:	420 mm
		4726	Boring machine, vertical swing 860 mm:	
		4727	Grinder; surface : travel of table 810 x 250 mm	
		4729	Milling machine -bench long't'l travel:	495 mm
		4730	Do.	
		4731	Do. vertical :	860 mm
		4732	Drilling machine, upright drill cap. 30 mm	
		4733	Do. Radial arm length 1400 mm	
		4734	Boring mach., hor'l dia. of bar :	130 mm
		4735	Do. cylindrical boring dia. of bar:	130 mm
		4736	Boring machine, horizontal dia. of bar :	130 mm
		4737	Band sawing machine, max. work dia. 500 mm	
	28	9436	Surface plate; 2170 x 1800x380 mm	
		9437	Do. 2170 x 1350x280 mm	
		9438	Do. 3050 x 1500x300 mm	
		9439	Do. 3750 x 2250x280 mm	
		9440	Do. 2000 x 1500x250 mm	
		9441	Do. 1500 x 1200x250 mm	

I.F.	Bldg. No.	Inv. No.	Name & Specification
Machine Shop	28	9442	Surface Plate : 1500 x 1200 x 250 mm
		9443	Do. 3050 x 1500 x 300 mm
		9444	Do. 3050 x 1500 x 300 mm
		9448	Do. 900 x 1200 x 2150 mm
		9449	Do. Do.
		9458	Do. 2700 x 1800 x 210 mm
	31	9482	Do. 1800 x 2000 x 350 mm
		9483	Do. 400 x 1000 x 400 mm
		9484	Do. 400 x 1000 x 400 mm
		9497	Do. 1500 x 1800 x 250 mm
		9498	Do. 2500 x 4200 x 430 mm
		9543	Do. 1200 x 1500 x 2700 mm
		9544	Do. 1200 x 1500 x 2700 mm
		9550	Do. 350 x 1500 x 450 mm
		9570	Do. 600 x 1350 x 300 mm
		9571	Do. Do.
		9577	Do. 400 x 1100 x 400 mm
		9578	Do. Do.
		9581	Do. 750 x 1550 x 80 mm
		9583	Do. 1500 x 3000 x 300 mm
		9584	Do. 1100 x 1150 x 100 mm
	9585	Do. 1150 x 1650 x 110 mm	
	9613	Do. 850 x 600 X 1060 mm	
	28	---	Do. less than 100 mm ; 45 pcs.
		---	Do. Do. 2 pcs.
		13020	Platform scale: cap. 50 kg.
		13022	Do. 500 kg.
		13023	Do. 2000 kg.
		---	Crane: 3000 mm; $\frac{1}{2}$ ton; 1 pce.
		---	Do. 500 mm; 1 ton; 2 pcs.
		---	Do. 4000 mm; 1 ton; 2 pcs.
		---	Do. 4000 mm; $\frac{1}{2}$ ton; 1 pce.
		---	Do. 2500 mm; $\frac{1}{2}$ ton; 1 pce.
	31	---	Mono rail 12,000 mm; 2 tons 1 pce.
Boiler Shop	27	3916	Bending machine, max. width & thickness of sht. 900 x 3.2 mm
		3932	Do. 1530 x 12 mm
		3930	Hydraulic press ; cap. 315 M.T.
		3931	Do. 100 M.T.
		3970	Shearing mach., mx. width; thick; 130 x 9.6 mm
		3974	Shear'g mach., punching max. thick & dia. 1.4; shearing max. dia, of bar : 20 mm (20mm
		3971	Shearing mach., 75 x 75 x 9 " " 38 mm
		3973	Shearing mach., " " Wd. (150 mm) Thick (6 $\frac{1}{2}$ mm)
		3965	Drilling machine sensitive swing 500 mm cap. 31.8 mm
		3966	Drilling machine, swing 590 mm, cap. 31.8 mm

I.F.	Bldg.No.	Inv. No.	Name & Specification
Boiler	27	3964	Drilling mach., sensitive: swing, 520mm cap. 31.8mm
Shop		3963	Drilling mach., sensitive, swing, 460mm cap. 23.2mm
		3962	Do. swing, 520mm cap. 10 mm
		3967	Do. swing, 650mm cap. 50.8mm
		3976	Do. swing, 660mm cap. 50.8mm
		3989	Do. Radial drill. cap. 50.8 mm
		3990	Do. " " 76.2 mm
		3992	Do. Multiple 6, swg. 2230mm, cap. 76.2mm
		3936	Do. Radial drill. cap. 76.2 mm
		3935	Grinder: single head dia. & thick: 550mm 120 mm
		3944	Do. 355mm x 35 mm
		3953	Do. double hd. dia. thick: 200 mm x 20 mm
		3987	Do. 200 mm 25 mm
		3957	Lathe; gap. dis. between centers: 900 mm; swg. OB 1290
		3956	Do. " 1290 mm Swg. OB 440 mm
		3955	Do.
		3958	Do. 2100 OB 90
		3954	Do. 1000 OB 330 mm
		3943	Do. 1340 OB 680 mm
		3949	Do. engine: D.B.C. 1370 mm OB 280 mm
		3942	Do. " " 1600 mm OB 660 mm
		3947	Do. " " 1370 mm OB 280 mm
		3927	Planer: open side. single hd. Leng. bed 6315 mm
		3934	Do. 3600 mm mm
		3980	Do. double housing length: width/bed: 5250 1250
		3937	Slotter: vert'l stroke: 380 mm
		3959	Do. 180 mm
		3952	Thread machine; cutting cap. 38 x 335 mm
		3870	Welding machine, AC 15 KVA 200 A.
		3871	Do. 36 " 400 A
		3876	Do. 15 " 200 A
		3888	Do. 36 " 400 A
		3890	Do. 34 " 400 A
		3904	Do. 15 KW 300 A
	3905/3907	Do.	15 KW 300 A
		3897	Do. 15 KW 300 A
		3909	Do. DC 20 KW motor 30 hp
		3910	Do. 45 KW " 75 hp
		3911	Do. 30 KW " 45 hp
		3912	Do. AC 60 KVA, 750 A
		4205	Travelling Crane: O.H. bridge: 20 & 5 M.T. Span : 13.72 m
		3917	Motor; DC 30 HP
		3919	Do. AC 10 HP
		3921	Do. AC 40 HP
		3923	Do. DC 30 HP
		3960	Do. DC 15 HP
		3040	Pump reciprocating: cap. 16.7 l/min. 150 kg/cm ²
		13011	Suspension Weigher : 2.5 M.T.
		13012	Platform scale : 2.0 M.T.
	13014/13015	Do.	1. M.T.
		13016	Do. 0.75 M.T.
	13017/13018	Do.	0.5 M.T. (20)

I.F.	Bldg. No.	Inv. No.	Name & Specification
Boiler	27	9714/9719	Surface Plate: swage, size 2000 x 1000 x 190 mm
Shop		9721/9727	Do.
		9720	Do.
		9723	Do. 2500 x 2400 x 220 mm
		9712/9713	Do. "
		9746/9747	Do. "
		9781/9782	Do. T Slot 2000 x 1000 x 190 mm
		9792	Do.
		9796	Do. " 3000 x 2000 x 200 mm
		9778	Do. " 1000 x 1000 x 215 mm
		9783	Do. " 1830 x 600 x 145 mm
		8806	Elevator platform: size of cage: 1200x850x1950 mm lift: 8 met
		8202	Hoist: electric lifting cap. 2 m.t.
		3866	Furnace: heating chamber: 4500 x 7.5M x 3.75 M : 1500 KVA, 850°C
		3913	Furnace; 1.5m x 2.5m x 1.5m: 180KW 850 °C
		3914	Furnace 7.5m x 3.05m x 1.065m Oil-burner.
		2 - z	X ray machine, 200000 V, 3 M.A.
		1- Y	Acetylene gas shop producing tank; 1 gas tank; 2 (16kg/cm ²)
		6 - D	Boiler water tube; evaporation; 2700 kg/hr press.
		4 - D	Do. smoke tube; evaporation, 4000 kg/hr press 12 kg/cm ²
		Y - 1	Universal gas cutting mach., plate thick; 3-200mm spd 50/80 mm/min
		Y - 2	?
		Y - 4	Auto. gas cutting mach., motor; AC 1/20 HP single phase; 1500 r
		8213	Line shafting 76 12.7 M Trackage 30 kg/M rail 11 Meters
28		4244	Induction motor : AC 10 HP
		4247	Direct current motor DC 7½ HP
		4259	Do.
		4251	Ind. motor: AC 15 HP
		4252	Do. 7½ HP
		4253	D.C. Motor 7 HP (DC)
		4254	Do. 75 HP "
		4255	Do. 30 HP "
		4256	Do. 10 HP "
		4257	Do. 5 HP "
		4258	Do. 7 HP "
		4259	Do. 15 HP "
		4260	Do. 3 HP "
		4261	Ind. motor: AC 15 HP
		4262	D.C. motor; DC 14 HP
		4263	Do. 30 HP
		4264	Do. 50 HP
		4265	Ind. motor: AC 40 HP
		4266	Do. " 7½ HP
		4268	DC motor 5 HP
		4269	Ind. motor: AC 10 HP.
		4270	DC motor: 40 HP
		4272	Ind. motor: AC 10 HP.

I.F.	Bldg.No.	Inv. No.	Name & Specification
Boiler Shop	28	4273	D.C. motor; 15 HP
		4275	Ind. motor ; A.C. 7½ HP
		4276	Do. " "
		4277	Do. " 10 HP
		4278	Do. " 25 HP
		4279	D.C. motor 15 HP
		4281	Ind. motor:AC 30 HP
		4282	Do. " 15 HP
		4283	Do. " 15 HP
		4284	DC motor; 5 HP
		4285	Ind. motor; AC 15 HP
		Mitting Shop	28
4287	Special tool grinder. dia. thick; wheel; 10" l"		
4288	Tool grinder dia.; thick; whl. 10" l"		
4295	Bench drill; drill cap. 10 mm; swg. 300 mm		
4657	Engraving machine, size of load' l: 300mm cross & vertical fd. 140 mm 238 mm; sur. table 160 x 300 mm		
4658	Bench grinder; dia. thick; whl.; 10" x l"		
4659	Bench drill; cap. 13 mm swg. 350 mm		
4661	Horizontal milling machine, size load' l 230 mm cross & vet' l fd. 130 mm; 150 mm sur. table 195 mm 615 mm		
4662	Bench lathe: swing O.B. 180 mm dis. between Center 250 mm		
4680	Milling mach., hor' l: load' l 170 x 400 mm; cross; vert' l 135 x 200 mm; sur. table 200x620mm		
4719	Balancing machine, max. work dia' n: 100mm; limit of testing: 800 kg.		
4722	Do. " 100mm; 800 kg.		
4738	Air pump; cap. 1800 Lit/min		
4739	Reciprocating fresh water pump: cap. 6 lit/min		
4741	Air pump: cap. 2000 lit/min		
4742	Lubricating oil pump cap. 350 lit/min		
4743	Do. " 1250 "		
4744	Heavy oil pump (turbine) cap. 200 lit/min		
4745	Reciprocating oil pump : cap. 30 lit/min		
4750	Reciprocating condensing water pump cap. 500"		
4753	Heavy oil pump (turbine) cap. 270 lit/min		
4754	Boiler working press: 50 kg/cm ² : heating sur. 218.35 m ²		
4755	Centrifugal circulating pump: boiler water; cap. 350 lit/min		
4756	Centrifugal feed pump ; cap. 350 lit/min		

I.F.	Bldg. No.	Inv. No.	Name & Specification
Fitting Shop	31	4757	Centrifugal cooling pump; cap. 90 lit/min
		4758	Reciprocating feed pump: cap. 350 lit/min
		4773	Centrifugal circulating pump: cap. 40000 l/min
		4774	Do. 35000 l/min
		8281	Oil purifier; HP req'd 2; lubricant oil cap. 30 l/min
	28	8261	Ind. Motor : A.C. 3 HP
		8262	Do. " 1/2 HP
		8263	Do. " 2 HP
		8264	Do. " 3 HP
		8265	Do. " 3 HP
		8266	Do. DC 1 HP
		8267	D.C. motor : 2 HP
		8268	Do. 1 1/2 HP
		8269	Do. 1/2 HP
		8270	Ind. motor A.C. 1/2 HP
		8271	D.C. motor: DC 1 1/2 HP
		8272	Ind. motor A.C. 3 HP
		8273	D.C. motor 1/2 HP
		8274	Do. "
	31	9904	Oil purifier HP req'd 1 1/2 cap. 20 l/min kg 2
		12099	Hydraulic power pump: cap. 30 l/min; press. 150/cm
		12100	Ind. motor AC 5 HP
		13935	Condenser shell & tube : cap. 80 mt/hr
		13936	Do. 25 mt/hr
		13937	Compressor: cap. 9m3/hr
		13939	Heating exchanger feed water heater: shell & tube cap. 35 m2
		13941	Do. lubricating oil cooler: cap. 70m2
		13943	Do. feed water heater: cap. 15 m2
		13944	Do.
		13945	Do. feed oil heater cap. 5m2
		13946	Filteration cap. 4.7m2
		13947	Do. 5.5m2
		13948	Do. do.
		13949	Do. cap. 6m2
		13951	Blower impeller volume 6.65 m3/min
		8293	Monorail crane: 3 tons
		8294	Do.
		13976	Voltmeter portable DC 150/300 V
		13977	Voltmeter portable DC 100 V
		13980	Do. 3/150 V
		13981	Do. AC 0/120 V
		13982	Ammeter portable AC 0.2/1 A
		13983	Do. 25 A
		13984	Do. DC 150 MA
		13992	Volt Amp meter portable 3/150A & 0.015/1.5 A DC
		13993	Ohm meter portable 200/1000, 2000/∞
		14001	Frequency meter portable 35-75, 60-250
		14002	Do. switch board type, 470/530 220 V
		14003	Megger portable 0/100 meg. 500 V.
		14008	Potential meter 0,0000005 - 1.6 V

"THE MACHINES & INSTRUMENTS"

--- NOT USE ---

<u>BLDG.NO.</u>	<u>INTEGRATED FACILITY</u>
10	Pattern Shop
23	Foundary Shop
29	Forging Shop # 1

Casting Section

(25)

I.F.	Bldg.No.	Inv. No.	Name & Specification
Fitting Shop	31	14009	Vacuum tube oscillator 20/300 cy. 0.54W tube4
		14010	Valve constant tester
		14011	Smoke density meter
		14012	Lx -meter photo cell type
		14013	Noiel meter
		14017	Pyrometer optical type
		14018	Do.
		14021	Do. portable 0/1600 °C
		14022	Do.
		14023	Do.
		14024	Do.
		14025	Do.
		14043	Slide rheostat 3200 0.4 A
		14026	Pyrometer portable 0/1600 °C
		14027	Pyrometer portable 0/1600 °C
		14028	Do.
		14029	Do.
		14030	Do. 0/1200 °C
		14031	Do.
		14032	Do.
		14035	Cold junction refrigerator
		14038	Slide rheostat 900 ohm, 0.4 A
		14039	Do. 30 ohm, 3 A
		14040	Do.
		14041	Do. 100 ohm, 1.2 A
		14042	Do. 1200 ohm, 1 A
	13	---	
		3370	Compressor: air 3 stage: motor driven
		11715	Pump-lubricating oil: rotary press. 3 kg/cm ²
		3373	Do.
		3345	Pump:water: cent'l: electric driven
		3369	Pump: lub'g oil: centrifugal: motor driven
		3372	Do. water centrifugal: motor driven
		3371	Do.
		----	Do. Heavy oil : cent'l motor driven
	9	3374	Switch gear use for controlling panel
		13735	Oil Switch 3 pole: 2500V 200A
		3374	Motor generator:kettle coil type:cap. 1500 Kg
		9909	Oil purifier: cap. 1000 l/hr. :lub'g oil
		8110	Do. " 1300 l/hr.
		9911	Do. 700 l/hr.
		9910	Do.
		14702	Silencer 2130 x 3000 mm
		14703	Do.
		14704	Discharge size of silencer 780 x 3500 mm
		14705	Stand of silencer 6250 x 3240 x 8566 mm
		14706	Silencer: 2 sets: 1300 x 3200 mm
		14707	Do. 800 x 2600 mm
		14708	Discharge size of silencer 400 x 1000 m/m
		12942	Platform scale: max. cap. 2000 kg.
		12947	Do. 1000 kg.
		12945	Do. 750 kg
		14750	Suspension weighers max. cap 75000kg.
		14751	Do. 15000kg
		14752	Water break max. brake HP 1,500
		14753	Do.
		14754	Do. 3,000 HP (24)

I.F.	Bldg.No.	Inv. No.	Name & Specification	
Patt. Shop	10	10031/	Surface plate : size : 500 x 900 x 25 mm	
		10041		
		10045/	Do. 1500 x 1000 x 200 mm	
		10046		
		13338	Turning lathe: length/width of bed 6370x200 mm max. dis. between center 1100mm	
		10044	Surface plate: size 3500 x 3700 x 100 mm	
Foundry Shop	23	12052	Mould drying furnace: size of chamber L. 6870 x W. 500 x Ht. 3800 mm	
		12054	Grinding mach. dia. & width of whl. size : 200 mm x 50 mm	
		12055	Bench lathe: length : bed 500mm	
		12056	Motor AC Ind. 15 Hp 220v 60 cycles, 1720 rpm	
		12057	Do. 5 Hp " " 1700 "	
		12074	Col pick hammer, using press. 7 kg/cm ²	
		12979	Platform scale cap. 10 kg.	
		12980	Balance cap. 1 kg.	
		12987	Platform scale cap. 2 tons	
		12985	Do. 2½ tons	
		12992	Do. 1 ton	
		10005	Surface plate : 500 x 900 x 25 mm mm	
		8186	Line shafting dia. (length of shaft 70 x 580	
		9999	Motor AC 2 HP Ind. 220V. 60 cycle	
		10000	Do. 1710 rpm	
		10001	Do. 1 Hp 3600 rpm	
		10002	Do. 3 HP 1720 "	
		10003	Do. 1 HP	
		10004	Surface plate : L 3000 x W 2000 x Ht 300 mm	
		10042	Do. 2000 x 2500 x 200 mm	
		12041	Mould drying furnace: heating chamber: 7.2m x 4.9m x 3.6 m	
		12032	Breaker(pig iron) cap. 1 ton/hr	
		12034	Blower: roots type cap. 85 m ³ /min	
		12035	Generator : DC 7½ HP 250V 1750 rpm	
		12049	Drilling machine, vert'l type : motor AC 2 HP cap. 50 mm swing 640 mm	
		13365	Band saw; motor : AC 4 HP: dia. width/whl 910 x 67., mm	
			3798	Do. size of table: 1080mm x 1050 mm
			3799	Do.
			3812	Electric furnace: cap. 10 ton 1 top charge
			3813	Paper grinder: double head: dia. of whl. 1020 mm 530 mm
			3817	Travelling crane, cap. 5 tons
			3818	Do. motor: DC 25HP 10HP 7 HP 7½ HP cap. main 25 tons Aux. 5 tons
	3824	Do. Cap. tons: motor DC 15 HP 2 HP		
	3830	Motor A.C. Ind. 1730 rpm 60 cycle 7½ HP 220V		
	8184	Motor: DC 1 HP: 1HP: 100v 1650 rpm mm		
	8185	Line shafting size dia. & leng./shaft : 70x8100		
	3774	Welding machine: generator 7½ KW; 300A AC Motor 15HP		
	3776	Electric grinder: dia, of whl 400 mm AC motor 4 HP (26)		

I.F.	Bldg. No.	Inv. No.	Name & Specification
Foundry Shop	22	3777	Heating Furnace: heating chamber: 4m x 2.85m x 1.72m
		3778	Shearing machine; cutting max. thick;/width 20mm 300mm
		3779	Hack Saw: max. dia. of cutting bar; 150mm
		3783	Motor: DC 5 HP 220v, 20A 700rpm
		3784	Do. AC Ind. 40 HP 220V 440V : 50A-100A 865 rpm
		3785	Do. AC Ind. 5 HP 220V
		3787	Cupola cap. 3 tons, melting chamber: 660mm
		3790	Do.
		3793	Drilling machine, vertical cap. 10mm; swg. 260mm
		3797	Lathe; motor: AC 3 HP length of bed 1210mm
		16101/16204	Moulding box 415 pcs. (180 tons)
		16046	Ingot case 9 tons type: 3 pcs.
		16047	Do. 6 tons type: 8 pcs.
		16048	Do. 3 tons type: 6 pcs.
		16049	Do. 1 tons type: 3 pcs.
		16050	Do. 200 kg. type, 80 pcs.
		Forging Shop	29
4779	Heating furnace: heating chamber: 8.5m x 1.6m x 1.6m Motor: AC 5 HP		
4793	Heating furnace: heating chamber: 550x700x250mm		
4789	Do.		
4792	Do. 550x600x350mm		
4801	Do. 400x350x250mm		
----	Do. 1200x700x650mm		
4808	Do. 3500x2000x1800		
4811	Do. 3000x2000x1500		
	motor: AC 5 HP		
4812	Do. 2000x1000x1100		
	motor: AC 3 HP		
4814	Do. 2.5m x 1m x 1.1m		
	Motor AC 5 HP		
4816	Do. 1.5x1x1.1m		
	motor AC 3 HP		
4818	Do. 1m x 1.1m x 0.6		
	motor AC 2 HP		
4803	Electric furnace: heating chamber: 1m x 0.8m x 550mm		
4782	Steam hammer: Falling weight : 500 kg		
4783	Do. " : 250 kg		
4784	Steam hammer: falling wt. : 250 kg		
4785	Do. 500 kg		
4786	Do. 500 kg		
4800	Air hammer 25 kg		
4788	Hyd'lic pr. steam - hyd'c cap. 1000 t. vertical type		
4823	Pump - oil reciprocating steam driven, pr. 40kg/cm ²		
4830	Grinder motor AC 3 HP		
4831	Grinder " 5 HP		

I.F.	Bldg. NO.	Inv. No.	Name & Specification
Forging shop	29	4840	Boiler - water tube type cap. 2.8 tons/hr working press 10 kg/cm ² , 2 motors AC 5 HP
		4843	Pump water reciprocating cap. 227.3 l/min. press 110 kg/cm ² motor DC 100 HP
		13030	Suspension weigher cap. 10 tons
		13028	- do - 50 tons
		13031	Platform scale cap. 2 tons
		8299	Hand chain cap. 1 ton
		12013	Blower impeller delivery volume 28 m ³ /min motor AC 7.5 HP
		15390	- do - delivery press 700 mm W.
		15391	Hardness testing machine Brinell max. work dimension 3,000 Kg
		15392	Water tank size dia. 2,000 H. 4,000
		15394	Oil tank size dia. 2000 H. 4,000
		4807	Welding machine electric arc cap. 20 KVA AC 220 V

"THE MACHINES AND INSTRUMENTS"

--- NOT USE ---

BLDG. NO;

INTEGRATED FACILITY

- 2, 6, 226,Machine Shop(Electric Repair)
- 5Store House No.3
- 32Electric Generating Plant
and Substation
- 9No.1 Switch House
- 37, 81No.2 Switch House

(29)

BLDG. NO. 2, 6, 226, 5, 32, 9, 37, 81,

I.F.	Bldg. No.	Inv. No.	Name & Specification	Description
Machine Shop (El'c Repair)	2	22/24 355	Lathe(simple) cap. 10 mm	
		356	Do.	
		657	Drilling machine cap. 12.7	
		3110	Do.	
		3123	Hydraulic press pressure 25 tons	
		3126	Drilling machine cap. 12.7	
		3163	Polishing and buffing (bench) wheel 355x 38	
		8903	Motor AC 25 HP	
		11197	Boiler 0.5l T/hr 20 kg/cm ²	
		11202	Grinder double header, bench dia. 250x30	
		11203	Bending machine, max. 2 x 850	
		11205	Winding machine, max. dia. 2 mm	
		11207	Welding machine PV 200 V. SA 4000	
		11210	Welding machine, Motor AC 15 KW	
			Generator 10 KW	
		11214	Water pump 110 l/min 0.6 kg/cm ²	
		11215	Motor-generator 12.5 HP - 6 KW	
		11216	Generator DC 40 KW	
		11217	Motor-generator DC 1.7 HP- AC 1 KW	
		11218	Motor-generator AC 25 HP, DC 15 KVA	
		11219	Motor-generator DC 3.5HP-AC 3 KVA	
		11220	Motor-generator DC 3.5HP-AC 3 KVA	
		11221	Motor-generator DC 3HP -DC 1250/625 W	
		11222	Motor-geneartor DC 7.5 HP - AC 5 KVA	
		11223	Motor-generator DC ½ HP -AC 300W	
		11224/11226	Motor-generator DC ½ HP - AC 430 W	3 pcs.
		11227	Motor-generator DC 1.7 HP - AC 1 KVA	
		11228	Motor-generator DC 0.5 HP - AC 750 KVA	
		11229	Generator DC 300W/1KW	
		11230	Motor-generator DC 2 HP - AC 4 KVA	
		11231	Motor-generator AC 7.5HP - DC 5 KVA	
		11232	Motor-generator DC 8 HP-AC 5 KVA	
		11233	Generator DC 370 W/ 1 KW	
		11234	Motor DC 1 KW	
		11235	Motor-generator DC 5.5 HP , AC 3.5 KVA	
11236	Generator DC 1.5 KW			
11237	Generator DC 1.5 KW	} 2 pcs.		
11238	Do.			
11239	Generator DC 370 W/ 1 KW			
11240	Generator DC 10 HP, 10KVA			
11241	Motor-generator DC 10 HP AC 5 KVA			
11242	Do.			
11243	Do.			
11244	Do.			
11245	Do.			
11246	Motor AC 20 HP			
11247	Motor DC 10 HP			
11248	Motor DC 5 HP			
11249	Motor AC 10 HP			
11250	Motor DC 5 HP			
11251	Motor DC 600 HP			
11254	Motor DC 20 HP			
11255	Motor DC 60 HP			
11257	Motor DC 10 HP			
11258	Motor DC 5 KW (6.6 HP)			
11259	Motor Starter DC 7.5 HP			

I.F.	Bldg. No.	Inv. No.	Name & Specification
Machine Shop (El'c Repair)	2	22/24 :11260	Motor DC 10 HP
		11484	Motor-generator DC 1.4 KW - DC 0.5/0.25KW
		11485	Inverter AC 350W, DC 200W
		11486	Motor AC 5 HP
		11487	Motor-generator DC 2 HP DC 357 W
		11488	Inverter AC 3 HP DC 1.2 KW
		11492	Motor DC 6 HP
		11566	Motor DC 5 HP
		11574	Motor DC 10 HP
		11658	Motor AC 5 HP
		11662	Motor-generator DC 200W AC 100W

Note: The great number of "not use machines" has been already removed to the preservation shop.

Machine Shop	2	22/24	8084	Motor AC 2 HP
		8093	Rail lines 57 met ; gauge of track: 0.53 m	
		8693	Surface plate: 395 x 290 mm	
		8699	Speed changer : no.of speed change 8 AC 2hp	
		8700	Speed changer: no.of speed change 8 AC 5 HP	
		14521/		
		14525	Varnishing device of ele'c machine	
		8707	Motor : AC 0.37 KW	
		8708	Motor : DC 3 HP	
		8711/		
		8712	Motor: AC 3 KW/ 1 KW	
		8713	Motor DC 3 HP	
		8714	Motor DC 0.5 KW/0.6 KW	
		8716	Motor DC 2 HP	
		8717	Motor : DC $\frac{1}{4}$ KW	
		8718	Motor AC 3 HP	
		8719	Motor: DC $\frac{1}{2}$ HP	
		8720	Motor: AC 2 HP	
		8721	Motor: DC 0.5 HP	
		8804	Motor: AC $\frac{7}{8}$ HP	
		8805	Motor; DC 1 HP	
		8806	Converter DC 0.5 HP AC 283 VA	
		8837	Motor: AC $\frac{1}{4}$ HP	
		8838	Motor: DC $\frac{1}{2}$ HP	
		8839/		
		8845	Motor: DC $\frac{1}{2}$ HP	
		8846	Motor: DC 0.2 1.0 1.8 KW	
		8847	Motor: DC 2 HP	
		8848/		
		8856	Motor:DC 2 HP	
		8857/		
		8877	Motor:DC 0.3 HP	
		8878	Motor:DC 0.5 HP	
8879	Motor:DC $\frac{1}{4}$ HP			
8880	Motor: AC $1\frac{1}{2}$ HP			
8881	Motor: DC $\frac{1}{4}$ HP			
8882	Motor: DC $1\frac{1}{2}$ HP			
8883/				
8884	Motor: DC $1\frac{1}{2}$ HP			

I.F.	Bldg. No.	Inv. No.	Name & Specification
Machine Shop	2	22/24: 8885	Motor:AC 3 kw
		8886	Motor:DC 2 HP
		8887	Motor:DC 1/2 HP
		8888	Motor:DC 0.3 HP
		8889	Motor:DC Series 300 W 24 V
		8890	Motor:DC 2 HP
		8891/	
		8892	Motor:DC 3 HP
		8893/	
		8894	Motor:DC 0.3 HP
		8896	Motor:DC 2 HP
		8897	Motor:DC 1 HP
		8895	Motor:DC 2 HP
		8898	Motor:DC 2 HP
		8899	Motor:DC 1 HP
		8900	Motor:DC 0.3 HP
		8901	Motor:DC 0.3 HP
		8902	Motor:DC 0.3 HP
		8911	Motor:DC 1 HP
		8715	Motor:AC 2 HP
		8958	Motor:DC 1 HP
		13701	Acetylene Gas Producer: Cap. 0.3 M3
		-----	Vice : jaw 130 mm stroke : 150 mm 25 pcs.
		-----	Surface plate:smaller than 1000x1000 :5pcs.
-----	Motor: AC 20 KW		
-----	Motor generator:DC 0.5 HP AC 283 VA		
-----	Motor AC 75 HP		
-----	Motor AC 60 HP		
-----	Motor AC 5 HP 5 pcs.		
-----	Motor AC 10 HP		
-----	Motor AC 10 HP		
-----	Motor : DC 0.3 HP		
-----	Motor : DC 7.5 HP		
-----	Air tanks: - 5 pcs.		

I.F.	Bldg. No.	Inv. No.	Name & Specification
Machine Shop (El. Repair)	6	3290 8924/ 8927	Drilling Machine, bench type, cap. 12.7 mm Surface Plate : 4 pcs.
Do.	2	----	<p>Megger: 500 V. 100 M 2 pcs.</p> <p>Optical Pyrometer : 700/3500 oc 3 pcs.</p> <p>Recording tachmeter: 600/3000 RPM 2 pcs.</p> <p>Painetr: 1 pcs.</p> <p>Charging resistance: 1000 0.2 A 1 pcs.</p> <p>Recording Thermometer: 0/1600 oc .1 pcs.</p> <p>Vibration meter 1 pcs.</p> <p>Resistance 10000/30000 : 1 pcs.</p> <p>Wheatstone Bridge : 3 pcs.</p> <p>Wave meter 20 kg/30 MC ; 1 pcs.</p> <p>Cap. meter: 0/1200 uf : 1 pcs.</p> <p>High Thermometer:(temperature): 1 pce thermocouple: 0/1600 oc</p> <p>Oscillograph Brown Tube : 3 pcs.</p> <p>Variable air condenser : 3 pcs.</p> <p>High temperature thermometer: 0/500 oc 2 pcs.</p> <p>Crystal Oscillator : 4,500 K.C. : 6 pcs.</p> <p>Meg netisum Tester : 1 pcs.</p> <p>Oscillator 140/300 MC : 1 pcs.</p> <p>Oscillator for Oscillograph ... 1 pce.</p> <p>Ultra high frequency oscillator ; 1 pce.</p> <p>Oscillograph electric magnetic : 1 pce</p> <p>Wave meter : 20 kc/3 mc ----- 4 pcs.</p> <p>Turning Fork vibration 1000 1 pce.</p> <p>Vacuum tube rectifier : DC 100V. 0.5 A 1 pce.</p> <p>Sulphur boiling point measuring equip't. AC 100 V. 3.2 A</p> <p>3 dial Mica condenser: 0.001/1.110 uf: 1 pce.</p> <p>Short wave oscillator : 1 pce.</p> <p>4 stage amplifier : 60 DB 1 pce.</p> <p>Ultra high frequency Oscillator: 120/220 mc 1 pce</p> <p>Standard ammeter DC 100 mv: 1½/3000 A .. 2pcs</p> <p>Ammeter DC 200 A -- 1pce.</p> <p>Ammeter DC 15 A -- 1 pce.</p> <p>Ammeter DC 3 A -- 2 pcs.</p> <p>Ammeter DC 1000 MA- 1 pce.</p> <p>Voltmeter DC 150/300 V 2 pcs.</p> <p>Voltmeter DC 3. 15, 300 V 1 pce.</p> <p>Do. " 150 KV 1 pce.</p> <p>Do. " 150 MV 1 pce.</p> <p>Ammeter: AC 1 A 1 pce.</p> <p>Ammeter: AC 30/ A 1 pce.</p> <p>Voltmeter: AC 600 V. : 1 pce.</p> <p>Do. " 300 V. 1 pce.</p> <p>Do. " 75 V. 1 pce.</p> <p>Do. 50 V. 1 pce.</p> <p>Do. AC DC 400 V. 1 pce.</p> <p>Do. DC 130V: 10 A 1 pce.</p> <p>3 phase: Wattmeter : AC: DC: 300V: 25 A. 1 pce.</p> <p>Single phase. Wattmeter: AC DC 300V, 5A, 1 pce.</p> <p>Ammeter: DC 10A .. 1 pce(3)</p>

I.F.	Bldg.No.	Inv. No.	Name & Specification
Mach. Shop (El. Rep.)	2	-----	Single Phase, Wattmeter, 150V. 3 A. : 1pce.
		-----	Valve Voltmeter D type, 40V. 1 pce.
		-----	Do. 20V. 1 pce.
		-----	El. Speed Indicator : 0/ 7500 RPM: 1 pce.
		-----	High Temperature Thermometer: 0/1600 oc 1 pce.
		-----	Frequency meter : 40/65 cycles. 1 pce.
		-----	Current Transformer 10/1000 A 1 pce.
		-----	Do. 15/ 600 A 2 pcs.
		-----	Do. 50/ 600 A 1 pce.
		-----	Do. 10/ 500 A 1 pce.
		-----	Recording Wattmeter : 800 KW 1 pce.
		-----	Do. 720 KW 1 pce.
		-----	Ammeter DC 150 A 1 pce.
		-----	3 stage: amplifier : 100 DB 1 pce.
		-----	Mercurial Barometer 1 pce.
Do.	226	656	Drilling machine, bench type, cap. 12.7 mm
		11654	Air compressor. 0.1 M3/min. 2 kg 1 cm2
		11655	Vacuum pump : 25 l/min : 0.00 3 Mn Hg
		11657	Gear cutter : for watch repair
		11659	Motor:Generator: DC 1 HP DC 500W
		11660	Motor-generator: DC 0.5 HP AC 470 VA
		11661	Do. DC 480 W, DC 264 W
		11663	Do. AC 5 HP, DC 3 KW
		11664	Do. DC 1.5 HP AC 0.7 KVA
		11665	Do. AC 5 HP, DC 7½ HP
		13707	Tanger-charger: AC 100 V, 3 VA, DC 24 V 12 A
Store House 3.	5	19364	Motor AC 7½ HP
		8723	Do. DC 2 HP
		8724/8725	Do. DC 3 HP
		8726	Motor DC 2 HP
		8727	Motor DC 3 HP
		8728	Motor DC 0.75 HP
		8729	Motor DC ¼ HP
		8730/8733	Do. 1½ HP
		8734	Motor DC ¼ HP
		8735	Do. DC 3 HP
		8736	Do. DC ½ HP
		8737	Do. DC 3 HP
		8738	Do. 1 HP
		8739/8743	Do. ½ HP
		8744	Do. 3 HP
		8745	Do. 2 HP
		8746/8747	Do. 1½ HP
		8748	Do. 2½ HP
		8749	Do. 2 HP
		8750	Rotary Oil Pump 145 l/min 45 kg/cm2

I.F.	Bldg. No.	Inv. No.	Name & Specification
Store	5	8751/8752	Motor DC 2 HP
House		8753	Motor DC 3 HP
No.5		8799	Motor AC 2 HP
		8800/8801	Do. $\frac{1}{2}$ HP
		8959/8964	Do. DC 3 HP
		8965	Do. AC 3 KW
		9866	Do. DC 3 HP
		8967	Do.
		8968/8969	Motor DC 2 HP
		8970	Motor AC 3 KW
		8971/8973	Do. DC 3 HP
		8974	Do. 2 HP
		8975/8982	Do. DC 3 HP
		8983	Do. DC 2 HP
		8984	Do. DC 5 HP
		8985/8986	Do. DC 2 HP
		8987	Do. DC $1\frac{1}{2}$ KW
		8988/8981	Do. DC 3 HP
		8992	Do. AC 3 KW
		8993/8994	Do. DC $\frac{1}{2}$ HP
		8995	Do. DC 3 HP
		8996	Do. DC 2 HP
		8997/8998	Do. AC 3 KW
		8999/9002	Do. DC 3 HP
		9003	Do. AC 3 KW
		9004	Do. DC 2 HP
		9005	Do. AC 3 KW
		9006	Do. DC 2 HP
		9007	Do. DC 2.2 KW
		9008	Do. DC 2 HP
		9009	Do. DC 3 HP
		9010	Do. DC 2 HP
		9011	Do. DC $\frac{1}{2}$ HP
		9012	Do. DC 1 HP
		9013/9017	Do. DC 2 HP
		9018	Do. DC 3 HP
		9019/9027	Do. DC 2 HP
		9028	Do. AC 3 kw
		9029	Do. DC 3 HP
		9030	Do. AC 3 KW
		9031	Do. DC 3 HP
		9032/9034	Do. DC 2 HP
		9035	Do. DC 3 HP
		9036	Do. DC $1\frac{1}{2}$ KW
		9037/9038	Do. DC 2 HP
		9039	Do. DC 1 HP
		9040/9041	Do. DC 2 HP
		10680	Do. DC 3 HP
		11253	Do. DC 10 HP
		11539	Generator DC 5 KW
		11540	Motor-generator: M. DC 1.7HP G. DC 0.45 KW
		11541	Generator DC 9 kw
		11542/11543	Do. 5 kw
		11544	Do. 15 kw
		11545	Do. AC 80 KVA
		11546	Inverter AC 21 kw DC 15 kw
		11547	Motor generator (m) DC 35 HP (g) AC 3 kva
		11548	Do. " AC 300w " DC 150 kw

I.F.	Bldg. No.	Inv. No.	Name & Specification
Store House No.3	5	11549	Motor-Generator (M) DC 2 HP (G) DC 1 KW
		11550/	
		11551	Motor-generator (M) DC 300W (G) DC 150 W
		11552	Do. " AC 300A " DC
		11554/	
		11556	Do. DC 80 W
		11557	Motor DC 600 HP
		11558/	
		11559	" AC 20 HP
		11560	Motor DC 1 $\frac{1}{2}$ HP
		11561	Do. AC 5 HP
		11562	Do. DC 5 HP
		11563/	
		11564	Do. DC 75 HP
		11565/	
		11567	Do. DC 5 HP
		11568	Do. DC 10 HP
		11571	Do. AC 7 $\frac{1}{2}$ HP
		11572/	
		11573	Do. AC 10 HP
		11575	Do. AC 25 HP
		11576/	
		11578	Do. DC 10 HP
		11579	Motor DC 5 HP
		11580	Do. DC 7 $\frac{1}{2}$ HP
		11581	Do. DC 10 HP
		11582	Do. DC 5 HP
		11583	Do. DC 75 HP
		11584/	
		11586	Motor DC 5 HP
		11587	Motor DC 10 HP
		11588/	
		11592	Motor DC 5 HP
		11593	Motor DC 10 HP
		11594/11606	Motor DC 5 HP
11607	Do. DC 10 HP		
11608	Do. DC 7 $\frac{1}{2}$ HP		
11609	Do. DC 5 HP		
11610/			
11611	Do. DC 10 HP		
11612	Do. DC 5 HP		
11613/			
11614	Do. DC 10 HP		
11615/			
11618	Do. DC 5 HP		
11619	Do. DC 15 HP		
11620/			
11622	Do. DC 10 HP		
11623/			
11630	Do. DC 15 HP		
11631	Do. DC 10 HP		
11632	Do. DC 15 HP		
11633/			
11634	Do. DC 15 KW		
11635	Do. DC 15 HP		

I.F.	Bldg. No.	Inv. No.	Name & Specification
Store	5	11636	Motor DC 30 HP
House		11637	Do.
No. 3		11638/11639	Do. DC 5 HP
		11640/11643	Do. AC 15 KW
		11644/11646	Do. DC 30 HP
		11647	Do. DC 10 HP
		-----	Mercury rectifier: DC 35/360 V. 100/0.5 A
		-----	Motor AC 1/6 HP
		-----	Do. 1/8 HP
		-----	Do. generator (M) DC 200 W (G) AC 150 VA
		-----	Switch Board
		-----	Motor AC 1 HP
		-----	Motor AC 30 HP
		-----	Oil switch AC 3300 V, 200 A
		-----	Motor AC 7 1/2 HP
		-----	Do. " 3 HP
		-----	Do. " 5 HP
		-----	Do. " 2 HP
		-----	Do. " 3/4 HP
		-----	Do. " 1 1/2 HP
		-----	Do. " 1 HP
		-----	Anneter: AC 0/30 A - 2 pcs.
		-----	Do. 0/90 A - 2 pcs.
		-----	Do. 0/150 A 1 pce.
		-----	Do. DCO/80 A 10 pcs.
		-----	Do. DC 0/100 A 3 pcs.
		-----	Do. DC 0/250 A 4 pcs.
		-----	Do. DC 0/500 A 3 pcs.
		-----	Welding machine DC 3.75 KW 80V
		-----	Do.
		-----	Motor DC 3 HP
		-----	Do. 2 HP
		-----	Do. 7 1/2 HP
		-----	Do. AC 1/2 KW
		-----	Generator DC 1 KW
E. 32		4859	Motor generator: DC 10 HP - DC 10 HP
Generating		4866	Steam engine generator DC 215 KW
Plant		4867	Do.
		4868	Do.
		4869	Do.
		4871	Turbo-generator AC 1500 KW
		4874	Do. DC 750 KW
		4875	Do.
		4876	Do. 300 KW
		4877	Motor generator: AC 240 HP DC 150 KW
		4883	Turbo generator AC 500 KW
		4891	Pump 0.55 M3/min 22/33 kg/cm2

I.F.	Bldg. No.	Inv. No.	Name & Specification
El. Generating Plant	32	4892	Pump 0.55 M ³ /min 22.33 kg/cm ²
		4893	Boiler 11 kg/cm ² 10.4 Mr/hr : Heating surface 374 m ² .
		4894	Do.
		4895	Do.
		4896	Do.
		4897	Steam engine 10 HP 900 rpm
		4899	Boiler 11 kg/cm ² 7.12 mr/hr heating sur'e 266 m ²
		4900	Do.
		4901	Drilling machine cap. 10mm swg 330mm motor
		4902	Pump 0.55m ³ /min 22.33 kg/ cm ² (1/2 HP
		4903	Do. 0.75m ³ /min 22.5 kg/cm ²
		8302	Winch 5 mt/hr DC 20 HP
		8303	Coal conveyor bucket type : 20 mt/hr DC 15HP
		8936	Motor AC 3 HP
		8938/8939	Surface plate : 500 x 600 mm
		8904	Chain block : 1/2 mt.
		8941	Do.
		8942	Do. 1 mt.
		8943	Do.
		8944	Do.
		8945	Do.
		8946	Do. 1 1/2 m.t.
		8949	Surface plate 2000 x 1000 mm
		8950	Do. 900 x 750 mm
		8951	Chain Block 1 Mt.
		12105	Motor DC 10 HP
		12107	Do. 7 1/2 HP
		12115	El. motor drill AC 13 mm
		12117	Centrifugal pump DC 7 1/2 HP
		12120	Motor DC 20 HP
		12121	Do. 5 1/2 HP
		12122	Do. 5 HP
		8934	Do. 3 HP
		8935	Do. AC 3 HP
		8937	Do. DC 3 HP
		8947	Oil filter cap. 276 l/min
		8952/8955	Fan motor DC 200W
		8965	Do. -without fan
		9042/9046	Motor AC 1/2 HP
		9047	Do. 1/4 HP
		9048	Do.
		13425	Oil circuit breaker : 3500 V 150A
		13457/13460	Ind. voltage regulator:12KVA, 3300 V 860 V
		13461/13464	Switch board DC 250V 30A
		13504/13505	Do. DC 3300 V
		13520	Do. DC 220V
		13538	Do.
		14615	Switch Gear 220 V
		14616	Do.
		14617	Do. 3300 V, 15 A
		14618/14620	Do. 250 V, 30 A
		14629	Watt-hour meter
		15093	Oil circuit breaker (38) 3 pha. 250v, 1500 A

I.F.	Bldg. No.	Inv. No.	Name & Specification
El. Generating plant	32	14637/14638	Vice : Jaw : 130 mm
		4904	Pump: Worthing-ton Pump: 0.2M3/min
		14536	Water tank
		14537	Ash conveyor 5 mt./hr
		14538	Do.
		14539/14543	Car(Open top hopper) 1 m.t. (5 pcs. in all)
		14544	Wheel barrow 0.2 M.t.
		13530/13531	Switch gear DC 220 V. 0/4500 A
		13532	Do. 0/6000 A
		13533/13534	Do. 0/4500 A
		14545	Condenser 30 m2
		14546	Do. vacuum pump
		14547	Steam separator dia. 13"
		14548	Condenser: cooling surface 30 m2
		14549	Do. Vacuum pump
		14550	Steam separator : dia. 13"
		14551	Water tank:
		13521	Switch gear DC 220V 0/1000 A
		13525	Do. 0/1200 A
		13526	Do.
		12116	Pump AC 5 HP 220 V, 1200 rpm
		14552	Do. DC 4 HP, 220 V, 1300 rpm
		4872	Grinder : 1500-1800 rpm
	-----	Surface plate smaller than 1000x1000 3 pcs.	

Sub station	23	Transformer 125 KVA 1 phase
	24	Do.
	25	Do.
	26	Do. 20 KVA 1 phase
	27/29	Do. 75 " 1 "
	30	Do. 30 " 1 "
	319	Do. 10 " 1 "
	673/675	Do. 75 " 1 "
	798	Do. 10 " 1 "
	833	Do. 100 " 1 "
	3335	Do. 150 " 1 "
	3336	Do. " 1 "
	3337	Do. " 1 "
	3422	Do. 100 KVA 1 ph.
	3423	Do. 50 KVA 3 ph.
	3424	Do.
	3768	Do. 100 KVA 1 ph.
	3769	Do.
	3770	Do. 60 KVA 3 ph.
	3771	Do. 20 KVA 1 ph.
	3839	Do. 75 KVA 1 ph.
	3840	Do.
	3841	Do. 100 KVA 1 ph.
3842	Do. 75 KVA 1 ph.	
3843	Do. 100 KVA 1 ph.	
3844	Do. 10 KVA 1 ph.	

I.F.	Bldg.No.	Inv. No.	Name & Specification
Sub	32	4429	Transformer, 75 KVA 1 Ph.
Station		4431	Do.
		4775/4777	Do. 100 KVA 1 ph.
		4778	Do. 50 KVA 1 ph.
		4850/4853	Do. 30 KVA 1 ph.
		4873	Do. 75 KVA 1 ph.
		4878	Do. 300 KVA 1 ph.
		4879	Do. 75 KVA 1 ph.
		4880	Do.
		4881	Do. 50 KVA 1 ph.
		4882	Do. 150 KVA 1 ph.
		4884	Do.
		4885	Do. 300 KVA 1 ph.
		4886	Do.
		5060	Do. 100 KVA 1 ph.
		5061	Do. 75 KVA 1 ph.
		5076	Do. 50 KVA 3 ph.
		5077	Do.
		5499	Do. 30 KVA 3 ph.
		5500	Do.
		6921	Do. 50 KVA 1 ph.
		6924	Do.
		11263	Do. 3 KVA 1 ph.
		11264	Do.
		11265	Do. 110 KVA 1 ph.
		11266	Do. 10 KVA 1 ph.
		11267	Do. 5 KVA 1 ph.
		11268	Do. 15 KVA 1 ph.
		11269	Do. 30 KVA 1 ph.
		11270	Do. 50 KVA 1 ph.
		11271	Do. 200 KVA 1 ph.
		11272	Do. 50 KVA 1 ph.
		11273	Do. 3 KVA 1 ph.
		11274	Do.
		11275	Do. 5 KVA 1 ph.
		11276	Do.
		11277	Do. 1 KVA 1 ph.
		11278	Do. 3 KVA 1 ph.
		11279	Do. $\frac{1}{2}$ KVA 1 ph.
		11280	Do.
		11281	Do. 5 KVA 1 ph.
		11282	Do. 3 KVA 1 ph.
		11283	Do. $\frac{1}{2}$ KVA 1 ph.
		11285	Do. 2 KVA 1 ph.
		11287	Do. 5 KVA 1 ph.
		11288	Do. 1 KVA 1 ph.
		11289	Do. 10 KVA 1 ph.
		11290	Do.
		11699/11700	Do. 1 KVA 1 ph.
		11709	Do.
		11710	Do. 5 KVA 1 ph.

I.F.	Bldg. No.	Inv. No.	Name & Specification	
Sub station	32	11711	Transformer, 5 KVA 1 ph.	
		11712	Do.	
		11713	Do.	
		11799	Do.	75 KVA 1 ph.
		12010/12011	Do.	100 KVA 1 ph.
		12012	Do.	150 KVA 1 ph.
		12073	Do.	100 KVA 1 ph.
		12076	Do.	150 KVA 1 ph.
		12077	Do.	5 KVA 1 ph.
		12078	Do.	100 KVA 1 ph.
		12016	Do.	20 KVA 1 ph.
		12018	Do.	10 KVA 1 ph.
		12109/12111	Do.	5 KVA 1 ph.
		12112	Do.	1 KVA 1 ph.
		12113	Do.	50 KVA 1 ph.
		12114	Do.	60 KVA 1 ph.
		12127	Do.	50 KVA 1 ph.
		12128	Do.	30 KVA 1 ph.
		12129/12131	Do.	50 KVA 1 ph.
		12132	Do.	20 KVA 1 ph.
		12222/12224	Do.	75 KVA 1 ph.
		12225	Do.	200 KVA 1 ph.

No.1 Switch house 9 745 Motor generator AC 740 HP DC 500 KW
 8931/8933 Chain Block cap. 1 ton 3 pcs.
 13362 Pole oil switch AC 2200 V. 100A 3 P.

No.2 Switch House 81 3834 Motor generator: AC 740 HP DC 500 KW
 13407/13409 Switch board: DC 220 V

"THE MACHINES AND INSTRUMENTS"

----- NOT USE -----

<u>BLDG.NO.</u>	<u>INTEGRATED FACILITY</u>
12, 14, 15Garage & Rep. Shop
276Boiler shop No.2
255, 257Office
16Instrument Room
52, 17. Scrap Utilization Shop
276 Boiler Shop

Transport Section

15,7, 1948

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BLDG.NO. 12,14,15,276,255,257,16,52,17,276

I.F.	Bldg.No.	Inv. No.	Name & Specification
Garage	12	802	Welding machine, 200/220 V, 15 KW 60 Cycle
Rep.		804	Motor AC 7½ HP 24 A 220 V
Shop		809	Shearing machine, table, 330 x 1200 mm
		810	Shaper : table : AC 3 HP. 400 x 300 mm
		816	Drill machine 50/60/200/220 V 1.95/1.75 A
		817	Sawing & cut off : AC 1 HP 200/220 V
		824	Generator : 5 HP 1500 RPM 220 V 60 Cycle
		825	Compressor: AC 2 HP press. 5 Kg/cm ²
		828	Motor : AC 5 HP 220 V 21 A
		829	Do.
		9221	Hoist# hand chain: wght. 2000 kg. Ht. 3400 mm
		9224	Do. : 5000 kg. " 3600 mm
		9225	Do. 5000 kg. " 1200 mm
		9227	Surface plate : 1.5M x 0.6 M x 0.4 M
		9228	Do. .45M x .44M x .053M
		9229	Do. 1.3M x 0.8M x .15M
		11706	Portable machine, grinding; AC ½ HP 6½A
		805	Drilling mach. stroke, 80 mm: table 300x250
		9231	Surface plate: 1.45M x 0.8M x .15M
Garage	15	3400	Locomotive engine
		3401	Do.
		3402	Do.
		3403	Do.
		3404	Do.
		3405	Do.
		3407	Travelling crane
		3385	Do.
		3389	Drilling machine
		3392	Single head grinding machine
		3395	Lathe
		3394	Shaper
		3388	Welding machine
	14	3383	Do.
		3382	Do.
		3384	Do.
	15	3396	Motor
		3386	Do.
		3387	Sawing and cut off
		3397	Shaper
	14	8167	Crane automobile
	15	9189	Surface plate
	14	9190	Do.
		9191	Do.
		9192	Do.
		9193	Do.
		9194	Do.
		9219	Do.
Garage	16	12953	Auto weighing machine
		8486	Truck - made of wood
		8457	Do.
		8454	Do.
		8483	Do.
		8451	Do.

I.F.	Bldg.No.	Inv. No.	Name & Specification
Garage	16	8452	Truck made of wood
		8460	Do.
		8476	Do.
		8474	Do.
		8473	Do.
		8465	Do.
		8466	Do.
		8471	Do.
		8472	Do.
		8501	Do.
		8502	Do.
		8503	Do.
		8504	Do.
		8505	Do.
		8509	Do.
		8510	Do.
		8485	Do.
		8487	Do.
		----	Do. 1 pce.
		----	Do. 1 pce.
		----	Do. 1 pce.
		----	Do. 1 pce.
		----	Do. 1 pce.
Garage	15	----	Worthington pump : 1 pce.
Do.	16	----	Oil Jack 1 pce.
Do.	16	----	Do. 1 pce.
Garage	14	----	Tacle steel(Block:wire) cap. 3 t 1 pce.
		----	Do. 4 t 1 pce.
		----	Do. 3 t 1 pce.
		----	Do. 3 t 1 pcs.
		----	Do. 4 t 1 pce.
		----	Do. 3 t 1 pce.
		----	Do. 3 t 1 pce.
		----	Do. 2 t 1 pce.
		----	Do. 3 t 1 pce.
		----	Do. 5 t 1 pce.
		----	Do. 4 t 1 pce.
		----	Do. 2 t 1 pce.
		----	Do. 5 t 1 pce.
		----	Do. 5 t 1 pce.
		----	Do. 5 t 1 pce.
		----	Do. 5 t 1 pce.
		----	Do. 5 t 2 pce.
		----	Do. 9 t 1 pce.
		----	Do. 9 t 1 pce.
		----	Do. 9 t 1 pce.
		----	Do. 9 t 1 pce.
		----	Do. 9 t 1 pce.
		----	Do. 9 t 1 pce.
		----	Oil Jack - 100 tons 1 pce.

I.F.	Bldg. NO.	Inv. No.	Name & Specification
Garage	14	-----	Oil Jack : 100 tons. 1 pce.
		-----	Do. 1 pce.
		-----	Do. 50 tons 1 "
		-----	Do. 1 pce.
		-----	Do. 1 "
		-----	Do. 20 tons. 1 "
		-----	Do. 30 tons 1 "
		-----	Do. 20 tons 1 "
		-----	Do. 15 tons 1 "
		-----	Do. 1 "
		-----	Do. 1 "
		-----	Do. 20 tons 1 "
		-----	Do. 30 tons 1 "
		-----	Do. 30 tons 1 "
		-----	Do. 1 "
		-----	Do. 1 "
		-----	Do. 1 "
		-----	Do. 1 "
-----	Do. 1 "		
-----	Do. 1 "		
-----	Hand wing cap. 50 lit/min 1 pce.		
-----	Do. 1 pce.		
Boiler Room No.2	276	3427	Boiler: water tube, work press. 5kg./cm ² cap. 2520 kg/Hr.
Do.	276	9125	Hoist: lift. cap. 3 tons lift: 7 $\frac{1}{2}$ m IMD AC 5
		3430	Steam eng.: recip'g 30 HP. 300 rpm. Press. 4 kg/cm ²
		3431	Steam eng. " " " "
		9126	Oil cleaner. cent'l type. cap. 1T/Hr Mot. miss
		9127	Separator. Cent'l wist perforated, basket dim'n of rotary: dia. 600mm Ht. 210 mm. 615 RPM Hp req'd 2, Cap.(rol) 59 t. Material treated: oil C & D (single pulley
		-----	Pulp kneader: Hor'l 2 stg, cap. 0.5 T/hr
		-----	Washing machine, rotary (type) cap. rol. 0.6m ³ 170 RPM CSD - single pulley - 1 pce.
		-----	Do. - 1 pce.
		-----	Do. - 1 pce.
		-----	Do. - 1 pce.
Scrap Utilit'n	52	12971	Weighing machine, sensibility, 0.5 kg Cap. 500 kg.
		6962	Sawing (band) max. 100 mm 1.53m (dia) 30 mm (wd) table: 61mm CSD (single pulley) motor DC 3 HP 60 cyc. 220V 600 200 kg.
		6963	Drilling mach., Vert'l drill. cap. 280 mm Max. dia. 220mm, spindle/table IMD AC $\frac{1}{2}$ HP 60 cyc 220V.
		6965	Steam eng., recipr'g 30 HP 300 RPM; press. 4 kg/cm ²
		6966	Shearing mach., punch & shear'g Cap. 5mm 250mm shearing 3mm x 460mm IMD AC 20 HP 60 cyc. 220 V 8650 RPM.

T.F.	Bldg. No.	Inv. No.	Name & Specification
Scrap	52	6967	Shearing mech., S.Q. Motor driven, Max. dia. 9x500mm
Util'n		6968	Hydraulic Press: Hor'l. max. press. 5 kg/cm ² Pump: Oil hot'l, recip'r'g, 2 stg. press. 5 kg/cm ² Del. O. 122 cm ³ /min, IMD AC 30 HP, 60 cycle, 220V 1160 RPM
		6969	Pump - oil; reciprocating, cap. press. 5 kg/cm ² IMD AC 7 1/2 HP
		8493	Line shafting: shaft dia. dia. 75 mm
		8494	Winch : electric horiz'l single drum, cap. 5 T; IMD AC 10 HP: 60 x 220 V 650 RPM
		8498	Winch - el'c hori'l single drum, cap. 3 tons, IMD 5 HP. 60 x 220 V. 685 RPM
		8511	Hoist: - Hand chain, lift. cap.: 1 ton.
		----	Band Saw: -stationary table : GSD(single pulley) IMD AC 3 HP 60/220V. 1740 RPM
		----	Material selector: - el'c; cap. 2 tons/hr. IMD AC 2 HP. 60 cycles. 220 V
		9131	Separator: electric Cap. IMD AC 2 HP : 60 cycles 220
		9132	Hoist, Hand chain, lift. cap. 2 tons.
		9133	Do.
		12880	Grinder, bench tool & cutter. D.H. dia(240mm) thick 25
		12881	Shearing machine, S.Q. GSD single pulley L. 160mm Thick: 7mm, "ex. Dia. 1 ton/hr. IMD AC, 10 HP 600 x 200 mm, 1150 RPM
		13094	Platform scale : Cap. 2 tons.
		13096	Weighing machine, Cap. 1 ton
	17	9135	Hoist hand chain: lifting cap. 2 tons.
		9136	Do: 1 ton.
		12969	Weighing machine, cap. 250 kg.
Boiler Room	276	----	Anvil : 3 pcs.
Scrap Util'n	52	----	Vice : 4 pcs.
Do.	17	----	Anvil : 1 pc-

"THE MACHINES AND INSTRUMENTS"

--- NOT USE ---

BLDG. NO.

INTEGRATED FACILITY

278 Mechanical & Chemical
Testing Room

(Laboratory)

Technical Section.

---(47)---

BLDG. NO. 278

I.F.	Bldg. NO.	Inv. No.	Name & Specifications
Laboratory	278	3435	Cloth Tension tester - Schopper's type cap. 20 kg.
		3442	Fatigue testing mach., tension compression : rotary
		3447	Hardness tester, Rockwell
		11800	Centrifugal pump; motor -driven 48.3 lit/min
		11804	Rotary pump : 66.7 lit/min press. 30 kg/cm ²
		11801	Do. motor driven, 78.3 l/min press. 22 kg/cm ²
	10047/10054		Surface plate : under 1 M2 : 8 pcs.
		14898	Switch gear: phenol resin : 40 x 500 x 500 mm
		14899	Do. marble white : 40 x 500 x 500 mm
		14900	Do. Do.
	14901/14919		Working table : 20 pcs.
		14920	Air vessel : cap. 800 lit. 2 pcs.
		14921	Vice : 2 pcs.
		14922	Straight edge: size: 4.9M x 0.09 M x 0.52 M
		14923	Nozzle testing eq't. for oil burner.

"THE MACHINES AND INSTRUMENTS"

--- NOT USE ---

<u>BLDG.NO.</u>	<u>INTEGRATED FACILITY</u>
2	Machine Shop(El. Repair)
3	Forging Shop No. 2
5	Store House No. 3
6	Store House No. 4
7	
10	Preservation House No.2
28	Machine Shop No. 1
37	Store House No. 8
43	Store House No. 9
44	Machine Shop No. 2
66	Preservation Area
303	Store House No. 10
436	Store House No. 7

OPERATION AFFAIRS SECTION.

--- (49) ---

BLDG.NO. 2, 3, 5, 6, 7, 10, 28, 37, 43, 44, 66, 303, 436,

I.F.	Bldg. No.	Inv. No.	Name & Specifications
Mech.	2	3180	Portable el. drill: 1/3 HP 110 V 20 mm max.
Shop		3181, 3183	Do. 1/6 " 110 V 10 mm 2 p cs.
El.		3185	Do. 1/3 " 110 V 20 mm
Repair		3187, 3188	Do. 1/6 " 110 V 10 mm 2 pcs.
		3189	Do. 1/4 " 110 V 13 mm
		3192, 3193	Do. 1/6 " 220 V 10 mm 2 pcs.
		3195	Do. 1/4 " 110 V 13 mm
		3199	Do. 1/6 " 220 V 10 mm
		3201	Do. 1/4 " 110 V 10 mm
Total:			12 pcs.

Forging Shop	3	1.	Forging machine, hammer-pneumatic. 250 kg. 30 HP m
		2.	Metal heating Furnace : heating chamber: .45x.75x.45
		3.	Forging machine, hammer-pneumatic; cap. 500 kg, 50 HP
		4.	Metal heating furnace: heat'g chamber: .45x.75x.45 M
		5.	Forging Mach., Hammer-pneu'c cap. 1000 kg : 100 HP
		6.	Metal heat'g Furnace: heat. chamber; .45x .75x .45 M
		7.	Forging Mach., Hammer-pneu'c cap. 250 kg, 15 HP
		8.	Metal Heating Furnace : Chamber: 9 x 1.18 x. 7 M
		9.	Forging Mach., Hammer-Pa'c
		10.	Metal heating furnace: Heat. chamber: .9 x 1.8 x. 7 M
		12.	Welding Mach., El'c ARC(AC) A 300/400
		13.	Hydraulic Press: press. 500 tons.
		14.	Metal Heating Fur. Heat'g chamber: 1.48mx1.4mx.95m
		15.	Do. 1m x 1.25m x.65m
		16.	Do. 1.12mx1.3m x.8m
		18.	Do. 1.8mx1.m x .7m
		19.	Metal Treating Furnace: El'c 1.9mx.5mx.4m
		20.	Drilling Mach., Cap. 20mm in steel
		21.	Pump reciprocating, power driven, 3 stg. press. 200 kg/cm ² 150 HP
		22.	Do.
		9241.	Surface Plate : 1.95 x .97M
		9242.	Do. 1.2 x.8 M
		9243.	Do. 1.2 x.8 M
		9369.	Do. 1. x 2. M
		10561.	Do. 7m x 1 m
		10562.	Do. 7m x 1 m M
		11291.	Metal Heating Furnace: El. Heat'g chamber: 1 x 1/2 x 1/2
		11292.	Metal " " " " .33x.21open
		11293.	Do. " " " " .54 x .93 x .43 M
		11294.	Motor AC 7 1/2 HP
		11295.	Metal heat'g Fur'ce. Chamber; 250 x 280 x open
		11296.	Do. " 650 x 500 x open

Misce'ss Store No. No.3	5	130/131	Portable el. grinder: 1/2 HP 100 V 6"(max)
		134/137	Do.
		138	Do. 5"(max)
		11425	Do. " "
		11496	Do. 4" "
		11497	Do. 6" "

I.F.	Bldg. No.	Inv. No.	Name & Specifications
Store House No. 5	5	22/24	11498 Port. El'c Grinder: 1/2 HP. 100V 5" (max)
			11499 Do. " " 6"
			<u>Total: 12 pcs.</u>

Store No.	Bldg. No.	Inv. No.	Name & Specifications	Quantity
No. 3	5	81	Portable El'c Drill: 1/6 HP 100V 10" Max.	3 pcs.
		83/85	Do.	
		86	Do. 1/4 HP " 13" "	
		87	Do. " " " "	
		89/90	Do. 1/6 HP " 10" 2 pcs.	
		91	Do. 1/4 HP " 13"	
		92/93	Do. 1/6 HP " 10" 2 pcs.	
		94/96	Do. 1/6 HP " 10" 3 pcs.	
		99/100	Do. " " " 2 pcs.	
		101/103	Do. " " " 3 pcs.	
		111, 113, 104:	Do. 1/4" " 13" 3 pcs.	
		105, 108	Do. 1/6" " 10" 2 pcs.	
		116.	Do. 1/6" " 10"	
		119	Do. 1/7" " 6"	
		120	Do. 1/4" " 13"	
		121	Do. 1/4" " 200V 13"	
		122, 123	Do. 1/3HP 100V 20" 2 pcs.	
		125	Do. 1/3HP 100V 30"	
		11493	Do. 2/3" 100V 23"	
		11494	Do. 1/2" HP 100V 30"	
114	Do. 1/7" 200V 8"			
<u>Total: 34 pcs.</u>				

Do.	Bldg. No.	Inv. No.	Name & Specifications	Quantity
	5	140	Portable air drill: 13mm max.	3 pcs.
		141/143	Do.	
		144/145	Do. 19mm max. 2 "	
		146/148	Do. 13mm max. 3 "	
		149/150	Do. 19mm max. 2 "	
		151	Do. 13mm max.	
		152	Do. 20mm max.	
		153/155	Do. 19mm max. 3 pcs.	
		156/158	Do. 13mm max. 3 pcs.	
		159	Do. 32mm max.	
		160/161	Do. 25mm max. 2 pcs.	
		162/165	Do. 32mm max. 4 pcs.	
		11510/11514	Do. 13mm max. 5 pcs.	
		11515/11518	Do. 14mm max. 4 pcs.	
		11519	Do. 9 1/2 mm max.	
		11520	Do. 14 mm	
		11521	Do. 8 mm	
		<u>Total 36 pcs.</u>		

Store House No. 3	Bldg. No.	Inv. No.	Name & Specifications	Quantity
	5	184/186	Portable air grinder : 200mm (max)	3 pcs.
		187	Do. 150mm (do)	
		188	Do. 200mm (do)	
		189/190	Do. 150mm (do)	2 pcs.
		191/195	Do. 200mm (do)	

I.F.	Bldg. No.	Inv. No.	Name & Specifications		
Store Ho. No.3	5	196	Portable air grinder	152 mm(max.)	
		197/199	Do.	200 mm(do.) 3 pcs.	
		200/211	Do.	150 mm(do.) 12 pcs.	
		212/215	Do.	100 mm(do.) 4 pcs.	
		216/217	Do.	150 mm(do.) 2 pcs.	
		218	Do.	100 mm(Do.)	
		219	Do.	150 mm(do.)	
		220	Do.	150 mm(do.)	
		221	Do.	100 mm(do.)	
		222	Do.	150 mm(do.)	
		223/224	Do.	100 mm(do.) 2 pcs.	
		11522/11523	Do.	100 mm(do.) 2 pcs.	
		11524	Do.	90 mm(do.)	
		11525/11526	Do.	150 mm(do.) 2 pcs.	
		11527/11528	Do.	200 mm(do.) 2 pcs.	
		11529	Do.	200 mm(do.)	
Total: 49 pcs.					
No.3	5	166	Portable Air Hammer	95 mm(size)	
		169,171,172			
		173,174,	Do.	" "	5 pcs.
		175,176,	Do.	" "	2 pcs.
		177/179	Do.	" "	3 pcs.
		180	Do.	9 1/2 "	
		181	Do.	13 mm "	
		182/183	Do.	9 1/2 mm "	2 pcs.
		11500	Do.	13 mm "	
		11501	Do.	9 1/2 mm "	
		11502/11507	Do.	13 mm "	6 pcs.
		11508	Do.	9 1/2 mm "	
		11509	Do.	25 mm "	
Total: 25 pcs.					
No.3	5	12892/12894	Balance(flour type)	150 kg. 3 pcs.	
		12895,12897	Do.	50 kg. 2 pcs.	
		12896	Do.	250 kg.	
		12898	Do.	1000 kg.	
		12899	Do.	100 kg.	
		12900	Do.	750 kg.	
		12901	Do.	50 kg.	
		12902	Do.	500 kg.	
		12903	Do.	3000 kg.	
		12904	Do.	100 kg,	
		12905	Do.	50 kg.	
		12906	Do.	2000 kg.	
		12907	Do.	50 kg.	
		12908	Do.	500 kg.	
		12909,12913	Do.	1000 kg. -- 2 pcs.	
		12910	Balance flour type	500 kg.	
12911	Do.	60 kg.			
12912	Do.	250 kg.			
12918	Spring Balance	1 kg.			

I.F.	Bldg.No.	Inv. No.	Name & Specifications	
Store	5	12919,12922	Spring Balance :	10 kg 2 pcs.
House		12925	Do.	30 kg
No.3		12926	Do.	100 kg
		12927	Do.	300 kg
		12928	Do.	500 kg
		12929,12930	Do.	200 kg 2 pcs.
		12934	Do.	5000.kg
		Total: 32 pcs		

No.3	5	-----	Inclination meter	1 pce.
		-----	Do. levels	6 pcs.
		-----	Do.	3 pcs.
		-----	Do.	6 pcs.
		-----	Press. Indicator	4 pcs.
		-----	Inside Micrometer 0/400mm	9 pcs.
		-----	Do. 200/800 mm	5 pcs.
		-----	Do. 200/900 mm	1 pce.
		-----	Outside micrometer:0/500	20 pcs.
		-----	Do. 75/500	16 pcs.
		-----	Do. 25/500	13 pcs.
		-----	Dial Gauge	30 pcs.
		-----	Do.	10 pcs.
		-----	Analytical bal.	3 pcs.
		-----	Thickness gauge	21 pcs.
		-----	Do.	6 pcs.
		-----	Radial gauge 0.75/5.00	31 pcs.
		-----	Pitch gauge 0.25/1.	15 pcs.
		-----	Bite Gauge : 550 600 900	250 pcs.
		-----	Gear tooth vernier	2 pcs.
		-----	Vernier calipers 0/1	75 pcs.
		-----	Do. 0/200	1 pce.
		-----	Protractor	3 pcs.
		-----	Do.	6 pcs.
		-----	Optimeter	1 pce.
		-----	Vernier height gauge	1 pce.
		-----	Limit gauge	1134 pcs.
		-----	Bench Vice	267 pcs.
		-----	vernier calipers 0/200	18 pcs.
Miscellaneous		54	Welding machine - gas	
Store Ho.		55	Grinding mach., bench swing :	200 mm
No.3	5	71	Do.	"
		73	Do.	"
		74	Do.	"
		75	Do.	"
		76	Do.	"
		78	Do.	"
		79	Do.	"
		229	Motor AC 25 KW	
		230	Do. 5 HP	
		235	Milling machine, table 300 x 350 mm	
		236	Motor generator : 220V 40 KW	

I.F.	Bldg. No.	Inv. No.	Name & Specifications
Miscellaneous	5	238	Motor AC 14 HP
Store Ho.No.3		239	Drilling mach., bench cap. 13 mm
		240	Do.
		241	Do.
		242	Buffing mach., bench swing 200 mm
		246	Drilling mach., bench type, cap. 13 mm
		251	Do.
		252	Do.
		253	Do.
		254	Do.
		255	Do.
		256	Drilling mach., bench cap. 13 mm
		257	Do.
		258	Do.
		259	Do.
		260	Do.
		261	Do.
		262	Do.
		263	Do.
		265	Do.
		266	Do.
		267	Do.
		268	Do.
		269	Do.
		270	Do.
		271	Do.
		272	Do.
		273	Do.
		275	Do.
		288	Lathe; swing 357mm, CD 1400 mm
		289	Do. " 712mm, CD 3027 mm
		295	Hydraulic press cap. 11 tons
		299	Bending machine, thick 12 mm
		313	Do. 4 mm
		8754	Surface plate 2000 mm x 1500 mm
		8755	Do. 2000 mm x 1000 mm
		8756	Do. 610 mm x 460 mm
		8757	Surface plate 650 mm x 490 mm
		8758	Do. 610 mm x 610 mm
		8759	Do. 1840 mm x 920 mm
		8760	Do. 2025 mm x 1000 mm
		8761	Do. 2000 mm x 1000 mm
		8762	Do. 3500 mm x 2000 mm
		8763	Do. 2450 mm x 1530 mm
		8764	Do. 1600 mm x 1590 mm
		8765	Do. 3500 mm x 2000 mm
		8766	Do. 3000 mm x 1500 mm
		8767	Do. 600 mm x 600 mm
		8768	Do.
		8769	Do.
		8770	Do. 900 mm x 610 mm
		8771	Do. 700 mm x 600 mm

I.F.	Bldg.No.	Inv. No.	Name & Specification		
Mis's Store Ho. No. 3	5	8772	Surface plate : 1000 mm x 800 mm		
		8773	Do. Do. 600 mm		
		8774	Do. 1300 mm x 600 mm		
		8775	Do. "		
		8776	Do. 1200 mm x 600 mm		
		8777	Do. 500 mm x 500 mm		
		8778	Do. 500 mm x 500 mm		
		8779	Do. "		
		8780	Do. "		
		8781	Do. "		
		8782	Do. "		
		8783	Do. "		
		8784	Do. 460 mm x 450 mm		
		8785	Do. 445 mm x 370 mm		
		8786	Do. 460 mm x 450 mm		
		8787	Do. 400 mm x 400 mm		
		8790	Do. 1460 mm x 450 mm		
		8791	Do. 1370 mm x 1370 mm		
		8792	Do. 3585 mm x 1995 mm		
		8793	Do. 3000 mm x 450 mm		
		8794	Do. 3000 mm x 450 mm		
		8795	Do. 3000 mm x 450 mm		
		8796	Do. 2510 mm x 640 mm		
		8797	Do. 2510 mm x 640 mm		
		8798	Do. 2600 mm x 1310 mm		
		8904	Do. 2100 mm x 1000 mm		
		8906	Do. 540 mm x 540 mm		
		8908	Do. 400 mm x 400 mm		
		8910	Do. 405 mm x 405 mm		
				11532	Manual Press.
		11533	Do.		
		11534	Do.		
		11535	Do.		
		11536	Do.		
		11537	Compressor - air : cap. 0.1 m ³ /min.		
		11538	Furnace: heating chamber .8 M x .6 M x .7M		
Miscous Store Ho. No.4	6	420	Portable el. grinder: 1/2 HP 200V 7" Max. 1 pce.		
		421,422	Do. 6" " 4 pcs.		
		424,425			
		427	Do. 4" " 1 pce.		
				<u>Total: - 6 pcs.</u>	
		380/382	Electric drill 1/8 HP 220V 6mm	3 pcs.	
		384/387	Do. 1/6 HP 110V 10 mm	4 pcs.	
		389/392	Do. 1/6 HP " "	4 pcs.	
		393/394	Do. 1/4 HP 100V 13 mm	2 pcs.	
		402	Portable el. drill: 1/3 HP 110V 20 mm	1 pce.	
		405	Do. 1/6 HP " 10 mm	1 pce.	
		397	Do. 1/4 HP 100V 14 mm	1 "	
		406	Do. 1/3 HP 220V 20 mm	1 "	
		408,409	Do. 2/3 HP 110V 23 mm	2 "	
		410/413	Do. 1/6 HP 110V 10 mm	4 pcs.	
414	Do. 1/4 HP 110V 13 mm	1 "			

I.F.	Bldg. No.	Inv. No.	Name & Specifications		
Miscellaneous	No. 6	428/429	Portable air, drill	51mm max.	2 pcs.
Store Ho.		430/437	Do.	20mm "	8
No. 4		438	Do.	14mm "	1
		439/440	Do.	19mm "	2
		441, 443, 444,	Do.	14mm "	3
		442	Do.	22mm "	1
		445, 446	Do.	14mm "	2
		447, 451	Do.	19mm "	2
		448/450	Do.	13mm "	3
		452/462	Do.	13mm "	11
		463/474	Do.	19mm "	12
		475/476	Do.	14mm "	2
		477	Do.	19mm "	1
		478/480	Do.	14mm "	3
		481/482	Do.	19mm "	2
		483/487	Do.	13mm "	5
		488/492	Do.	20mm "	5
		493/501	Do.	13mm "	9
		502/503	Do.	45mm "	2
		504	Do.	51mm "	1
		506	Do.	32mm "	1
		508/510	Do.	6 1/2 mm "	3
		511, 513	Do.	6 mm "	2
		512	Do.	6 1/2 mm "	1
		514/515	Do.	8 mm "	2
		516	Do.	6.3mm "	1
		517/522	Do.	8 mm "	6
		524	Do.	14.6mm "	1
			Total :		94 pcs.
		526/528	Portable air grinder:	100mm	3 pcs
		529/532	Do.	63mm	4
		533/534	Do.	100mm	2
		535/536	Do.	63mm	2
		537	Do.	100mm	1
		538/539	Do.	63mm	2
		540/546	Do.	100mm	7
		547/561	Do.	152mm	15
		562/569	Do.	203mm	3
		570/577	Do.	150mm	3
		578/580	Do.	200mm	3
		581/586	Do.	152mm	6
		587/588	Do.	200mm	2
		589/593	Do.	152mm	5
		594/596	Do.	200mm	2
		595, 597	Do.	152mm	2
		598/599	Do.	155mm	2
		600/602	Do.	200mm	3
		11684/11687	Do.	152mm	4
		11688	Do.	203mm	1
		11689/11691	Do.	152mm	3
			TOTAL :		85 pcs.

I.F. Bldg. No.	Inv. No.	Name & Specifications	
Miscellaneous			
Store No. 6	603/606	Portable Air Hammer, 25mm max.	4 pcs.
No. 4	607	Do.	1
	608/623	Do.	16
	624	Do.	1
	625	Do.	1
	626/628	Do.	3
	629/633	Do.	5
	634/635	Do.	2
	636	Do.	1
	637	Do.	1
	638	Do.	1
	639, 641	Do.	2
	640, 642, 643	Do.	3
	644/645	Do.	2
	646, 653	Do.	2
	649/652	Do.	4
	647	Do.	1
TOTAL:			50 pcs.

Do.	320	Hydraulic press: pressure 300 tons	
	321	Pump: reciprocating press. 200 kg/cm ²	
	322	Hydraulic press: press. 20 tons	
	324	Do. " 1100 tons	
	9244	Surface plate : 1 pce.	
	9245	Do. 2000 x 1000 mm	
	9246	Do. 1700 x 1200 mm	
	9247	Do. 2500 x 1270 mm	
	9248	Do. 2000 x 2000 mm	
	9249	Do. 1200 x 900 mm	
	9250	Do. 1 pce.	
	9264	Do. 1550 x 950 mm	
	9265	Do. 1 pce.	
	7626	Do. 4900 x 3100 mm	
	7627	Do. 4800 x 1200 mm	
	9365	Do. 2000 x 1500 mm	
	9366	Do. 5000 x 600 mm	
	9368	Boiler: press. 21 kg/cm ²	
	9370	Winch :	
	11666	Furnace; heating, Heat'g chamber: 1.9m x 2.15m x 0.9m	
	11667	" " " " x 2.17m x 1.07	
	11668	" " " " x 2.15m x 0.9m	
	11669	Pump: centrif'1; cap. 30m ³ /min, press. 25kg/cm ²	
	11670	"	
	11671	Steam engine	
	11672	Centrifugal pump	
	11673	Do.	
	11674	Generator: 200 KVA	
	11675	Do.	
	11676	Do.	
	11677	Do.	
	11678	Do.	

I.F.	Bldg. No.	Inv. No.	Name & Specifications
Store Ho. No. 4	6	11679	Generator: steam turbine, 135 KVA
		11680	Do.
		11681	Motor: D.C.
		11682	Generator
		11683	Centrifugal pump : cap. 30m ³ /min: Press. 7m/cm ²
		9251	Surface plate : 1 pce.
		9252	Do. 1 pce.
		9353	Do. 2000 x 1700 mm
		9254	Do. 3500 x 1800 mm
		9255	Do. 3500 x 1800 mm
		9256	Do. 2500 x 640 mm
		9257	Do. 2500 x 640 mm
		9258	Do. 2500 x 640 mm
		9259	Do. 2500 x 640 mm
		9260	Do. 1300 x 800 mm
		9261	Do. 1 pce.
		9262	Do. 1 pce.
		9263	Do. 2000 x 900 mm
	7	31	Sawing Machine, Max. 200 mm
		32	Milling Machine, Universal: 635 x 355 x 200 mm
		33	Drilling machine, Bench type, 6 mm
		34	Do.
		35	Wire winding machine, wire size: 2 mm
		37	Drilling machine, swing: 520 mm
		39	Do. " 450 mm
		40	Engine lathe: S-240 mm L-900 mm
		42	Drilling Machine, Swing 440 mm, Max. 17.5 mm
		46	Do. " 300 mm, " 10 mm
		47	Generator: 7.2 kw. DC 1,775 RPM
		48	Motor: generator: 3 HP. Induction motor 220v, 20 HP, 1775 RPM
		49	Motor generator: 100v, 1000 RPM, 7½ KVA
		50	Motor: 220v, 5 HP, DC
		51	Lathe, engine, swing 330mm, CD 800 mm
		226	Lathe, engine, swing 1040 mm, center dis. 185
		233	Radial Drilling Mach., arm. length: 1,800 mm
		234	Boring machine, Hor'l bar size: 83 mm
		290	Grinding machine, plain
		292	Drilling machine, swing, 480 mm
		325	Testing measuring mach., vibration
		326	Drilling mach., swing, 300 mm, cap. 12½ mm
		327	Do. 400 mm, " "
		328	Grinding machine: surface
		330	Do. ¼ HP
		331	Gear finishing machine
		333	Arc Welder: amp. 400 mm
		334	Drilling machine, drill size: 38 mm
		335/336	Do. 10 mm
		345	Thread cutting lathe: bench type. size: 8 mm
		346	Vertical lathe, swing 1130 mm
		347/354	Thread cutting lathe: bench : 8 mm

I.F.	Bldg.No.	Inv. No.	Name & Specifications
	7	357	Drilling Machine, Radial 1,800 mm
		358	Air Compressor, max. press. 300 kg/cm ²
		359/360	Do. 7 kg/cm ²
		361/362	Do. 300 kg/cm ²
		363/364	Do.
		365/367	Do. 200 kg/cm ²
		368	Crane Jib: 3,000 kg.
		370	Winch : Hand power
		371/374	Air compressor: max. press. 300 kg/cm ²
		375	Crane; Jib; 1000 kg.
		379	Induction motor: 200V, 15 hp, 1430 rpm
		659	Grinding machine, bench type
		660	Drilling machine, 6 mm
		661	AC motor 220V, 20 HP: 955 RPM
		663	Thread cutting machine.
		664	Engr. machine
		665	Milling machine : 250 mm x 70 mm x 200 mm
		676	Crane: jib: 5000 kg.
		677	Milling machine, vertical 860 x 355 x 510 mm
		678	Do. " 660 x 380 x 340 mm
		679	Do. " 660 x 305 x 460 mm
		680	Do. "
		681	Do. " 840 x 215 x 460 mm
		682	Do. " 1270 x 305 x 510 mm
		684	Gear shaper : gear dia. 150 mm
		685	Lathe, engine, swing 2500 mm
		686	Hobbing machine, gear: 500 mm
		687	Gear hobbing machine, 430 mm
		688	Planer : 750 x 750 mm
		689	Manual press
		690	Milling machine, 1575 x 965 x 660 mm
		691	Do.
		692	Lathe, engine; swing: 830 mm CD 1,900 mm
		693	Do. swing: 710 mm CD 2,700 mm
		694	Do. " 940 mm CD 3,900 mm
		695	Do. " 710 mm CD 3,500 mm
		696	Boring Machine, boring dia. 76 mm
		697	Do. 90 mm
		698	Lathe: bench type.
		699	Lathe: " "
		700	Boring machine, dia. of bar: 90 mm
		701	Do.
		703	Do.
		704	Lathe: engine, swing, 800 mm CD 4350 mm
		706	Tool Grinding machine
		707	Radial Drilling machine, swing 200 mm
		708	Do. arm length : 1800mm
		709	Drilling machine, swing 200 mm
		710	Punching machine, thickness 3 mm
		712	Lathe, engine, swing : 330 mm DC 1600 mm

I.F.	Bldg. No.	Inv. No.	Name & Specifications
	7	713	Lathe; engine, swing 1040 mm CD 11200 mm
		714	Do. " " 940 mm CD 4300 mm
		715	Do. " " 900 mm CD 2400 mm
		716	Turret lathe :
		717	Do.
		718	Lathe: turret
		719	Arc welding machine.
		720	Placer : 1330 x 1830 mm
		721	Lathe: engine swing, 800 mm CD 3350 mm
		722	Do. 810 mm " 5000 mm
		723	Slotter : max. size 800 mm
		724	Do. 800 mm
		725	Planer : width of table 920 mm
		726	Induction motor : 220V, 30 HP 1160 RPM
		727	Planer : 900 x 900 mm
		728	Ind. motor: 220v 30 HP 1160 RPM
		729	Lathe, engine, swing, 4300 mm, CD 3000 mm
		731	Turning mill, swing : 1620 mm
		732	Lathe, engine, CD 880 mm swing 650 mm
		735	Slotter
		3114	Grinding machine, max. size 230 mm
		3125	Heat treating furnace
		3129	Grinding machine
		3135	Balancing machine
		3140	Welding machine
		3141	Hack Saw
		3145	Drilling machine, bench type 13mm
		3146	Do.
		3154	Do. sensitive type = 30 mm
		3155	Slotter: stroke : 255 mm
		3156	Drilling machine: 8 mm
		658	Grinding machine, bench type
		3167	Do.
		3174	Lathe; engine swing 700 mm, CD 1550 mm
		3175	Drilling machine , 8 mm
		3176	Do. 10 mm
		3294	Lathe, Bench type, swing 180 mm, CD 450 mm
		3295	Do. engine " 254 mm, CD 600 mm
		3296	Hand press
		3301	Drilling machine, 25 mm cap.
		3302	Do. 30 mm "
		3303	Lathe, engine, swing, 250 mm CD 600 mm
		3304	Sawing machine
		3305	Lathe-engine, swing 350 mm CD 1000 mm
		3306	Milling machine, table travel : 150 x 250 x 250mm
		3308	Grinding machine
		3309	Do.
		3310	Engine lathe, swing 350 mm CD 650 mm
		3311	Do. " " CD 630 mm
		3312	Do. " 300 mm CD 550 mm
		3313	Do. " 400 mm CD 600 mm

I.F.	Bldg. No.	Inv. No.	Name & Specifications
	7	3314	Milling Machine
		3315	Lathe, swing 500 C.D. 550 mm
		3316	Drilling machine 17½ mm
		3317	Do. 20 mm
		3318	Do. 25.4 mm
		3319	Lathe, engine, CD 1400 mm, swing 400 mm
		3320	Drilling machine 25 mm
		3321	Do. Radial arm length 2500 mm
		3322	Do.
		3323	Lathe, engine, swing 550 mm, CD 1200 mm
		3324	Do.
		3325	Slotter : stroke 610 mm
		3326	Milling machine, travel 180 mm x 130 mm x 130 mm
		3327	Boring machine
		3328	Lathe, swing 900 mm, CD 1000 mm
		3329	Do. " 1000 mm CD 2438 mm
		3330	Do.
		3331	Boring machine
		3332	Lathe, bench type
		3333	Punching shearing machine
		3334	Compressor: press. 8 kg/cm ²
		3335	Transformer : 150 KVA
		3336	Do.
		3337	Do.
		3338	Compressor: press. 7 kg/cm ²
		3339	Do.
		3340	Do. 8 kg/cm ²
		3341	Do.
		7622	Shaft
		7630	Surface plate : 3000 x 1800 mm
		7631	Do.
		7632	Do.
		7633	Do.
		7634, 7635	Shaft
		8087	Surface plate : 1300 x 1000 mm
		9234	Chain block : 1000 tons
		9238	Oil purifier : 400 lit/hr.
		9266	Surface plate : 700 x 700 mm
		9267	Do. 600 x 400 mm
		9268	Do. 2000 x 1300 mm
		11178	Grinding machine, bench type
		11200	Do.
		11201	Do.
		11199	Do.
		11211	Welding machine
		11692	Drilling machine 13 mm
		11693	Shearing machine, 3 mm
		11694	Grinding machine.
		11695	Shaper: stroke : 200 mm

I.F.	Bldg. No.	Inv. No.	Name & Specifications	Remarks
		7	Lathe: swing 480 mm, CD 1200 mm	Taken off
			Do. " " " "	S/S "Conte Verde
			Grinding machine	Do.
			Drilling machine, swg. 300mm, max. 25 mm	Do.
			Do.	Do.
		683	Do. bench type, 13 mm	
		705	Lathe: swing 800 mm	
		711	Drilling machine, radial	
		733	Travelling crane : 15 tons	
		734	Slotting machine : 310 mm	
		---	Lathe: swing : 360 mm	
		---	Shaper, stroke : 500 mm	
		7642	Rail	
		77	Grinding machine, swing 200 mm	
Ordnance Shop No. 1	10	228	Lathe, engine, swing, 520 mm length 1830 mm	
		247	Crane, jib, load: 1 ton	
		248	Shearing & punching mach., stroke 50 mm	2
		249	Hydraulic press, work pressure 45000 kg, 300 kg/cm	
		250	Boring machine, dia. of spindle 76 mm	
		278	Cut-off & sawing: length 400 mm	
		280	Drilling machine, dia. 6 mm	
		283	Do. 30 mm	
		284	Lathe, engine, swing, 560 mm	
		285	Do. 220 mm	
		287	Motor; AC 5 HP	
		291	Do. " 7½HP	
		293	Do. " 7½HP	
		296	Welding machine, spot P.V. AC 220 V frequency 60	
		300	Do. DC P.V. 200 V, Cap. 15 KVA	
		301	Do. AC " " "	
		302	Do. AC " " "	
		303	Do. AC " " "	
		304	Do. AC " " "	
		305	Do. AC " " "	
		306	Do. AC " " "	
		307	Do. AC " " "	
		308	Do. AC " " "	
		309	Do. AC " " "	
		310	Do. AC " " "	
		311	Do. AC " " "	
		312	Do. AC " " "	
		314	Cut off & sawing mach., length 400mm Motor AC 220 V 1 HP	
		315	Do.	
		318	Crane Jib. load: 1 ton	
		754	Heating furnace(gas), D 220mm, L. 200mm, W 450mm	
		755	Boring & Turning mill, dis. C. rail/table 300mm	
		756	Heat-treating furnace : gas, dep. 350mm L. 250mm	
		757	Do. El. AC 220V 30 KW	
		758	Do. " AC " 2nd V 120, cur. 350 A	cm
		760	Hydraulic press: work press. 2,000 kg: stroke 350	
		761	Do. Stroke 100 mm. (3500 mm)	

I.F.	Bldg. No.	Inv. No.	Name & Specifications
Ordnance Shop No.1	10	762	Grinding machine, dia. grinding 580 mm
		763	Do. 203 mm
		765	Motor D.C. 10 HP
		766	Do. D.C. 10 HP
		767	Do. A.C. 30 HP
		768	Do. D.C. 10 HP
		769	Do. D.C.
		770	Do. D.C.
		771	Boring machine, dia. of spindle/table, 800 mm dia. of spindle: 102mm, motor : AC 220V 7½ HP
		772	Do. dia. of spindle, 102mm, Dis. spindle/table: 1065 mm, motor AC 220v, 10HP
		773	Compressor & dry vacuum pump: work press, 200kg output : cap. 13½ l./min.
		774	Boring machine, dia. of spindle 100 mm dis. spindle to table: 500mm: motor AC 220v 5HP
		775	Gear cutting & finishing machine, dia. of cutting gear: 1000 mm, motor AC 220v. 5 HP
		776	Gear cutting & finishing mach., dia. of gear : 1000 mm, motor : AC 220v . 5HP
		777	Lathe, dis. of between centers: 1900mm, motor AC 220v. 15 HP
		778	Grinding machine, mov., dis. of table: left/right: 500 mm, motor: AC 220v, 3 HP
		779	Crane : jib. cap. 1 ton
		780	Lathe, engine, swing: 710mm, length 4700mm, 10 HP
		781	Do. " " " " 4400mm
		782	Heat treating furnace: AC 220v . 35 kw.
		783	Milling machine, dia. table. V/1200 mm
		785	Hydraulic press: work. press. 1800 kg
		786	Lathe, engine, swing, 330mm length, 1550 mm
		787	Hydraulic press: - work, press. 1800 kg. stroke 1250 mm
		789	Do.
		790	Lathe, engine, swing, 300mm, length: 2120 mm
		791	Manual press: unknown
		792	Heat treating furnace: el. 6.2kw, tem. 300 °C
		799	Crane, O.H. travel: L. 3.7m x span: 8.31m Load: 3000 kg
		800	Lathe, engine, swing, 1040 mm. L/bed: 4500 mm
		834	Cut-off & sawing Mach., 1,300 mm
		835	Hydraulic press: work, press. 2000 kg, stroke, 350 mm
		836	Bending mach., plate, thick: bent t: 2mm, wid. bent 1250 mm
		837	Drilling machine, swing, 500mm, max. dia. 25mm
		838	Do.
		839	Grinding Mach., dia. of grid-stone, 300mm, motor AC 200v 2 HP
		840	Drilling mach., max. dia. drill 6 mm
		841	Shear & punching mach., stroke: 20mm, motor AC 220 V, 2 HP
		842	Do. width plate: cut: 230mm: thick cut 3mm
		843	Drilling machine, max. dia. 16 mm
		844	Grinding mach., dia./grid stone: 610 mm
		845	Drilling mach., swing 550mm dia./drill 20 mm

I.F. Ord.	Bldg. No.	Inv. No.	Name & Specifications
Shop No.1	10	846	Compressor & Dry vacuum pump; cap. 700 l/min press. 300 kg/cm ²
		847	Do. " "
		3342	Pump: rated del. press. : 150 kg/cm ² : Rated vol. 0.008 m ³ /min.
		3343	Compressor & dry vacuum pump: R.D.P. 7kg/cm ² R.Del Vol. 12 m ³ /min
		3344	Shearing & punching Mach., thick: cut: 18mm, max punching plate : 12.5 mm
		3449	Motor; AC 15 HP
		3948	Wood working machine, planer, shaper,
		3965	Do. Drilling mach., swing 55mm
		7636	Surface plate : 3500mm x 1.85 M
		7637	Do. " x 2 M
		7638	Do. 3.5 M x 2 M
		7639	Do. 4½ M x 3 M
		9235	Chain block: cap. 1000 kg.
		9236	Do.
		9237	Do.
		9269	Surface plate : 1.15 m x 2 m
		9270	Do. 3 m x 1.7 m
		9271	Do. 3 m x 1.7 m
		9272	Do. 1 pce.
		11802	Motor : DC 10 HP
		11803	Do. DC 15 HP
		11805	Compressor & dry vacuum pump: motor 5 HP
		753	Crane: lift. 5400 mm load, 25000 kg.
		7641	Rail

Mac. Shop No.1	Bldg. No.	Inv. No.	Name & Specifications
	28	4037/4097	Portable air hammer, max. ¾" 61 pcs.
		4098/4104	Do. 1-½" 7 pcs.
		4105/4109	Do. ¾" 5 pcs.
		4110/4120	Do. 1-½" 11 pcs.
		4338/4407	Do. ¾" 82 pcs.
		12019/12030	

Total : 166 pcs.

4172	Portable air drill : 19 mm	1
4173/4174	Do. 14 mm	2
4175/4176	Do. 32 mm	2
4177	Do. 19 mm	1
4178	Do. 14 mm	1
4179	Do. 23 mm	1
4180	Do. 30 mm	1
4181/4182	Do. 23 mm	2
4183	Do. 19 mm	1
4184/4185	Do. 14 mm	2
4186/4187	Do. 9 mm	2
4188	Do. 19 mm	1
4189	Do. 14 mm	1
4190	Do. 32 mm	1
4191	Do. 14 mm	1
4192/4194	Do. 32 mm	3

I.F.	Bldg.No.	Inv. No.	Name & Specifications		
Mach.	28	4195	Portable air drill	14 mm	1 pce.
Shop		4303	Do.	9 mm	1
No.1		4304	Do.	14 mm	1
		4305	Do.	32 mm	1
		4306/4311	Do.	14 mm	6
		4312	Do.	8 mm	1
		4313	Do.	14 mm	1
				<u>Total</u>	<u>35 pcs.</u>
Do.	Do.	4131	Portable air grinder max.	200 mm	1 pce.
		4133/4138	Do.	200 mm	6
		4139/4140	Do.	100 mm	2
		4141	Do.	200 mm	1
		4142/4148	Do.	100 mm	7
		4149	Do.	60 mm	1
		4150	Do.	100 mm	1
		4151/4152	Do.	60 mm	2
		4153	Do.	150 mm	1
		4154/4155	Do.	200 mm	2
		4156	Do.	100 mm	1
		4157	Do.	200 mm	1
		4158/4160	Do.	100 mm	3
		4161	Do.	60 mm	1
				<u>Total :</u>	<u>30 pcs.</u>
Do.	Do.	9427/9435	Surface plate : 300 x 450 mm		9 pcs.
Store	37	5467/5468	Portable el. grinder : 6"		2 pcs.
House		5469/5470	Do.	6"	2 pcs.
No.8		5471/5474	Do.	7"	4 "
		5475/5491	Do.	"	17 "
		5492/5493	Do.	6"	2 "
		5494	Do.	6"	1 "
		5496	Do.	5	1 "
		5495	Do.	6	1 "
				<u>Total :</u>	<u>30 pcs.</u>
Do.	Do.	5358	Portable el. drill: max. 13 mm		1 pce.
		5361/5364	Do.		4
		5366			1
		5369			1
		5372			1
		5378		10 mm	1
		5385/5394		13 mm	10
		5395/5402		10 mm	8
		5403/5404		13 mm	2
		5405		22 mm	1
		5406/5413		6 1/2 mm	8
		5414		32 mm	1
		5415/5416		10 mm	2

I.F.	Bldg. No.	Inv. No.	Name & Specifications
Store	37	5417/5421	Portable El. Drill : Max. 20 mm 5 pcs.
Ho.No.8		5422	Do. 10 mm 1
		5423/5427	Do. 20 mm 5
		5428/5430	Do. 3
		5431	Do. 20 mm 1
		5432/5433	Do. 22 mm 2
		5434/5438	Do. 13 mm 5
		5439/5440	Do. 5/8" 2
		5441	Do. 6 1/2 mm 1
		5443/5447	Do. 20 mm 5
		5448	Do. 10 mm 1
		5449/5450	Do. 13 mm 2
		5451	Do. 20 mm 1
		5452	Do. 22 mm 1
		5453/5456	Do. 32 mm 4
		5457/5459	Do. 13 mm 3
		5460	Do. 10 mm 1
		5462	Do. 10 mm 1
		5463	Do. 20 mm 1
		12867	Do. 20 mm 1
			<u>Total : 87 pcs.</u>
Do.	Do.	5357	Double head tool grinder : 350 mm 1 pce.
Do.	Do.	13059	Spring balance : 150 kg.
		13060	Do.
		13061	Do. 500 kg.
		13063	Do. 10 k
		13044	Do. 1 ton
		13046	Do. 1 ton
		13047	Do. 1 ton
		13049	Do. 5 tons
		13050	Do. 20 tons
		13051	Do. 3 tons
		13052	Do. 10 tons
		13053	Do. 10 tons
		13054	Do. 10 tons
		13055	Do. 10 tons
		13056	Do. 1 ton
		13057	Do. 40 tons
			<u>Total : 16 pcs.</u>
Do.	----	----	Tacho meter 7 pcs.
	----	----	Analytical balance 2 "
	----	----	Outside Micrometer 4 "
	----	----	Hardness tester(Shore) 1 "
	----	----	Transit 5 "
	----	----	Caluculator 2 "
	----	----	Gas inspection tester 1 "
	----	----	Recording thermometer 2 "

I.F.	Bldg. No.	Inv. No.	Name & Specifications
Store No. 8	37		bench vices 4 pcs.
		8311	Chain Block : cap. 5 tons
		8312	Do. 3 tons
		8313	Do. 3 tons
		8314	Do. 3 "
		8316	Do. 2 "
		8317	Do. 3 "
		8318	Do. 3 "
		8319	Do. 2 "
		8320	Do. 1 1/2 "
		8321	Do. 5 "
		8322	Do. 2 "
		8324	Do. 1 "
		<u>Total : 12 pcs.</u>	
Store No. 9	43	5964/5971	Portable air grinder : max. 200 mm 8 pcs.
		5946/5953	Do. 8 "
		5972/5995	Do. 24 "
		6729/6731	Do. 3 "
		6734/6756	Do. 23 "
		6805/6825	Do. 21 "
		6757/6804	Do. 48 "
		<u>Total 135 pcs.</u>	
Do.	Do.	489	Portable air drill., max. 23 mm 1
		505	Do. 32 mm 1
		507	Do. 23 mm 1
		523	Do. 32 mm 1
		525	Do. 23 mm 1
		5785/5786	Do. 32 mm 2
		5793/5884	Do. 14 mm 92
		5954/5958	Do. 23 mm 5
		6119/6134	Do. 14 mm 16
		6138/6185	Do. 14 mm 48
		6223/6240	Do. 14 mm 18
		6343	Do. 14 mm 1
		6442/6445	Do. 32 mm 4
		6449/6450	Do. 32 mm 2
		6461/6463	Do. 32 mm 3
		6469	Do. 40 mm 1
		6476	Do. 32 mm 1
		6477	Do. 40 mm 1
		6531/6532	Do. 23 mm 2
		6533/6540	Do. 19 mm 8
		6616/6630	Do. 23 mm 15
		12243/12250	Do. 14 mm 8
		<u>Total : 232 pcs.</u>	
Do.	Do.	6634/6728	Port'le air chipp'g hammer 23 mm 95 pcs.
		6186/6259	Do. 74 "
		12603/12614	Do. 12 "
		12545/12552	Do. 8 "
		12632/12806	Do. 175 "
		<u>Total : 364 pcs.</u>	

I.F.	Bldg.No.	Inv. No.	Name & Specifications	
Store	43	6289/6305	Portable air caulking Hammer, 25 mm	17 pcs.
Ho.No.9		6319/6322	Do.	4
			Total :	21 pcs.
		6347/6352	Portable Air Rivetting Hammer: 27mm	6 pcs.
		6376/6392	Do.	17
		6346/6438	Do.	3
		167/168	Do.	2
		170	Do.	1
		648	Do.	1
		12843/12846	Do.	4
			Total :	34 pcs.
		6493/6530	Portable air close quarter drill; 14 mm	38 p
		5787/5792	Do.	23 mm 6 p
		5905	Do.	23 mm 1 p
			Total :	45 p
		12281/12230	Portable air high spd. drill: 5 mm	20 p
		12321/12515	" rivetting hammer, small (12)	195 p
		12868/12872	Do. med. (15mm)	5 p
		12528/12544	Portable air pump; cap. 15m ³ /min	17 p
		12847/12853	Portable Air breaker, Dia. 30 mm	7 p
		-----	Snap gauge :	4 pcs.
		-----	Portable hardness tester	1 pce.
		-----	Minutecous measuring Instrument	1 pce.
		-----	Universal radius gauge	2 pcs.
		-----	Drill gauge	1 "
		-----	Scleroscope	1 "
		-----	Portable volt meter	1 "
		-----	Annmeter	1 "
		-----	Pyrometer	1 "
		-----	Voltmeter	1 "
		-----	Wind Velocity meter	1 "
		-----	Densitre	2 "
		-----	Inclination pressure gauge	1 "
		-----	Indefrator	2 "
		-----	Test bar	1 "
		-----	Pitch gauge	3 "
		-----	Wire gauge	2 "
		-----	Radius	3 "
		-----	Combination manometer	3 "
		10611	Motor: 200V, 2HP 900 RPM	1 pce.
		12234	Air Hammer, Tester	1 "
		12235	Air Drill tester	1 "
		12865	Grinding machine bench type	1 "
		12864	Do.	1 "
		13223	Hand press.	1 "
			Total :	6 pcs.

I.F.	Bldg. No.	Inv. No.	Name & Specifications
Store House No. 2	44	13074/13076	Spring Balance 3 pcs.
Forging Shop No. 3	66	6994	Metal heating furnace: 1.15 m x 2 m x 1.2 m
		6995	Do.
		6996	Do. 0.9m x 1.7m x 1.6 m
		6997	Do. 1.15m x 2m x 1.2m
		6998	Do. 0.95m x 0.7m x 1.2m
		6999	Drop Hammer, falling wght. 1,000 kg.
		7000	Metal heating furnace: 1.15m x 2m x 1.2m
		7001	Hammer, air, falling wght. 500 kg.
		7002	Metal heating furnace, 0.9m x 1.7m x 1.6m
		7003	Do. 0.95m x 1.7m x 1.2 m
		7004	Do. Do.
		7005	Hammer, Falling wt. 250 kg.
		7006	Metal heating furnace, 0.9m x 1.7m x 1.6m
		7007	Hammer, steam: falling wt. 3000 kg.
		7008	Crane, o.h. 3tons.
		7009	Do. " "
		9358/9359	Surface plate: 2.5m x .64m x .7m 2 pcs.
		9360	Surface plate: 1.3m x .8m
		9361	Do. .7m x .6m
		9362	Do. Do.
		9997	Do. 2.15m x .8m
		10588	Do. .2m x .2m
		9348	Do. 1m x 1m
		9349	Do. 1m x 1m
		9350/9356	Do. 1m x 1m --7 pcs.
		9357	Do. 5m x 2.5m
Misce's Preservation Shop	67	7010	Crane : 10 tons
	88	6990	Pump: reciprocating, cap. 150 l/min. Press. 105 kg/cm2
		6992	Compressor & Dry Vacuum Pump: cap. 21.7m3/min. 7 kg/cm2
		6993	Generator D.C. engine type, motor AC Ind. Cap. 80 kw
		847	Compressor: cap. 700 l/min. press. 300 kg/cm2
		9326/9347	Surface plate : 2m x 1m --- 22 pcs.
		8802/8803	Do. --- 2 "
		9363/9364	Do. --- 2 "
		9375	Winch: cap. 10 tons
		9376	Do. cap. 10 tons
		12884	Internal combustion engine , 150 HP
		12885	Pump - oil burning : 150 HP
Store Ho. No. 10	303	13077	Spring balance.
		13079	Do.
		10612	Hoist
		12230	D.C. Motor Generator --(69)--
		10613	DC " "

I.F.	Bldg. No.	Inv. No.	Name & Specifications	Quantity	pcs.
Store	436	3463/3540	Portable air hammer. max. 3/4"	78	78 pcs.
Ho.		3541/3548	Do.	8	8
No. 7		3549/3560	Do.	12	12
		3561/3565	Do.	5	5
		3566/3568	Do.	3	3
		3569	Do.	1	1
		3570/3575	Do.	6	6
		3576/3590	Do.	15	15
		11925/11927	Do.	3	3
		11928	Do.	1	1
		11929/11938	Do.	10	10
		11939/11943	Do.	5	5
		11944/11950	Do.	7	7
		11951	Do.	1	1
		11952/11954	Do.	3	3
		11955/11977	Do.	23	23
		11978/11982	Do.	5	5
		11983/12002	Do.	20	20
		12003	Do.	1	1
		12004	Do.	1	1
		12005/12007	Do.	3	3
Total :					211 pcs.

Do.	Do.	3649/3680	Portable Air Drill	6 mm	32 pcs.
		3681	Do.	23 mm	1
		3682/3683	Do.	40 mm	2
		3684/3685	Do.	23 mm	2
		3686/3689	Do.	32 mm	4
		3690	Do.	6 mm	1
		3691/3692	Do.	23 mm	2
		3693	Do.	32 mm	1
		3694	Do.	6 mm	1
		3695	Do.	23 mm	1
		3696	Do.	6 mm	1
		3697	Do.	32 mm	1
		3698	Do.	6 mm	1
		3699	Do.	40 mm	1
		3700/3701	Do.	32 mm	2
		3702	Do.	40 mm	1
		3703/3707	Do.	6 mm	5
		3708	Do.	32 mm	1
		3709/3710	Do.	6 mm	2
		3711	Do.	40 mm	1
		3712	Do.	32 mm	1
		3713	Do.	6 mm	1
		3714	Do.	14 mm	1
		3715/3716	Do.	6 mm	2
		3717/3718	Do.	23 mm	2
		3719/3720	Do.	6 mm	2
		3721	Do.	23 mm	1

I.F.	Bldg.No.	Inv. No.	Name & Specifications	
Store	436	3722	Portable Air Drill : 14 mm	1 pce.
No.		3723	Do. 6 mm	1
No.7		3724/3725	Do. 14 mm	2
		3726/3728	Do. 32 mm	3
		11840/11924	Do. 14/32 mm	85
<u>Total :</u>				265 pcs.
Do.	Do.	3737	Portable el. drill : 1/3 HP 100v	16 mm
		3738	Do.	20 mm
		3739	Do. 1/4 " "	13 mm
		3740	Do. 1/3 " "	16 mm
		3741	Do. 1/4 " "	13 mm
		3745	Do. 2/3 " "	23 mm
		3746	Do. 1/3 " 200v	20 mm
		3756	Do. " 100v	16 mm
		3757	Do. 1/4 HP 100v	13 mm
		12008	Do. 1 " 100v	32 mm
<u>Total :</u>				10 pcs.
Do.	Do.	3732	Portable el. grinder 1 HP 200v,	200 mm max.
		3736	Do. 1/8 100v	
		4299	Do. 1/4 200v	150 mm
		4301	Do. 1/4 100v	60 mm
		11808	Do. 1/4 200v	75 mm
		11810	Do. 1/4 200v	150 mm
		11812	Do. 1 100v	200 mm
		11813	Do. 1/8 200v	200 mm
<u>Total :</u>				8 pcs.
Do.	Do.	3606/3611	Portable air grinder, 150mm max.	6 pcs.
		3612/3624	Do. 100mm	13
		3628	Do. 200	1
		11814	Do. 200	1
		11839	Do. 200	1
<u>Total:</u>				22 pcs.
Do.	Do.	9382/9412	Surface plate 460 mm x 360 mm	31
		9418/9426	Do. " 410 mm	9
<u>Total :</u>				40 pcs.
Do.	Do.	12972	Spring balance: 200 kg.	1
		12974	Do. 300 kg.	1
		14146	Drilling mach., radial max. 50 mm	1 pce.
		-----	Outside micrometer	75
		-----	Do.	5
		-----	Inside Micrometer	14
		-----	Micrometer	6
		-----	Tachometer	4
		-----	Do.	4
		-----	Speed Indicator	1
		-----	Micro Depth Gauge	4

I.F.	Bldg. No.	Inv. No.	Name & Specifications	
Store	436	-----	Depth gauge	5 pcs.
Ho.		-----	Vernier Calliper	2
No.7		-----	Dial Indicator	171
		-----	Protractor	5
		-----	Caluculator	4
		-----	Do.	2
		-----	Block gauge	3
		-----	Press. Indicator	20
		-----	Plug & Ring gauge	14
		-----	Limit gauge	320
		-----	Manometer	10
		-----	Anemometer	20
		-----	Wind pressure gauge	5
		-----	Wire gauge	6
		-----	Speed meter	2
		-----	Vibration meter	3
		-----	Planimeter	3
		-----	Densimeter	9
		-----	Pyrometer	1
		-----	Taper gauge	10
		-----	Limit gauge	645
		-----	Sewing machine, motor-driven	2
		-----	Do. ,hand driven	2

"THE MACHINES AND INSTRUMENT"

--- NOT USE ---

BLDG.NO.

INTEGRATED FACILITY

46, 285, 304 Office Equipments

General Aff. Section

(73)

BLDG.NO. 46, 285, 304

I.F.	Bldg. No.	Inv. No.	Name & Specifications
Office	46	----	Adding machine (tiger) 30 sets partially damage
Equipment	285	----	Adding machine (tiger) 12 sets Do.
	304	----	Adding machine (tiger) 5 sets Do.

Total : 47 sets.

Do.	285	----	Typewriter for Japanese letter	Damage (engineering Office)
-----	-----	------	--------------------------------	-----------------------------

Total : 28 sets.

"THE MACHINES AND INSTRUMENTS"

--- NOT USE ---

BLDG.NO.

INTEGRATED FACILITY

21
22

Miscellaneous
Do.

WAREHOUSE SECTION

(75)

BLDG.NO. 21, 22

NOT USE

I.F.	Bldg.No.	Inv. No.	Name & Specifications
		22:24	
Miscellaneous	21	10689/10701	Hoist(hand chain) cap. 1/2 t. 13 pcs.
		-----	Platform scale, cap. 1/2 t. 6
		-----	Screw jacks : dia. 3" 4
		-----	Solid bench vice dia. 3" 8
		-----	Parallel vice : dia. 3 " 23
		-----	Screw clamps dia. 2" 7
		-----	Do. 1" 9
		-----	El. clock AC 100v 60 cycle 6
		-----	El. clock:br. clock : DC 24 V 2
		-----	Mot.AC 220V, 15 kw late 2 H 3
Near	21	13868	Truck scale: cap. 25 tons
		-----	Auto high freq. gene'or 32 pcs.
		-----	Oil filter, three stay
		-----	Hoist el'c rail missing lift. cap. 1 t.
Near	258	-----	Motor DC 100v 1 1/2 HP late 15 min 3 pcs.
		-----	Gasoline stand, cap. 2000 lit.
"	22	-----	Oil pump: cap. 50 m3 p.hr 83 pcs. gear

"THE MACHINES AND INSTRUMENTS"

--- NOT USE ---

BLDG.NO. 94

Bldg. & Repairing Section

(77)

BLDG.NO. 94.

I.F.	Bldg.No.	Inv. No.	Name & Specifications
Miscellaneous	94	13543	Chain block : lifting cap. 2 tons
		16230	Chain block : lifting cap. 2 tons

"THE MACHINES AND INSTRUMENTS"

---- NOT USE ----

BLDG. NO.

INTEGRATED FACILITY

4 Work Shop of Salvage Sec.

Salvage Plant.

(79)

BLDG. NO. 4 (Salvage Sec.)

I.F.	Bldg.No.	Inv. No.	Name & Specifications
Work Shop of Salvage Sec.	4	38	Drilling machine, bench, drill. cap. 3/8" 10 mm swing 280 mm, max. dia. of spindles : 230 mm, IMD motor cap. 1 kw, AC
		41	Drilling machine, vert'l drill cap. 25 mm, max. dia. of spindles 330 mm: motor cap. 2 HP: missing AC
		44	Drilling machine, Bench type, drill. cap. 10 mm swing 280 mm, max. dia. of spindles: 230 mm IMD motor cap. 0.15 kw AC
		45	Drilling machine, vertical, drill. cap. 20 mm swing 20 mm, max. dia. of spindles 730 mm, 1100mm IMD motor cap. 400 w
		3264	Drilling machine, vertical (Upright), drill. cap. 20 mm swing: 360 mm, max. dia. of spindles, 1100mm IMD motor cap. 1/2 hp AC
		11341	Drilling machine, bench type
		11342	Do.
		11343	Do.
		3278	Shearing machine, sq. AC & DC : dia. 150mm 0.7KW
		3248	Shaper: vertical travelling of head 190 mm size of bed: 380 x 355 x 380 mm; stroke: 508 mm
		43	Punching machine, cap. 2mm (thick) 50 mm (dia.) motor missing
		3239	Pipe cutter: - max. dia. 190 mm
		3276	Hack Saw: high speed : max. work dia. 200 x 200 mm: motor cap. 1 HP : motor missing.
		36	Do.
		3232	Internal combustion engine, carburettor: 30 HP 1500 rpm, 96 mm cylinder x 4 stroke 50 mm
		3233	Do.
		11310	Internal combustion engine; Kerosene: 24 hp 1500 rpm: 4 cycles, cylinders x 2, strokes: 110mm
		11311	Do. 10 hp, 1500 rpm stroke : 110 mm
		11312	Do.
		11313	Do.
		11314	Do.
		19203	Do. Diesel: 50 hp 900 rpm 125 mm cylinders x 4, stroke : 200 mm
		19204	Do.
		11330	Internal combustion eng. kerosene, 10 hp, 1500 rpm, 100 mm: 2 cylinders; stroke: 110 mm
		11331	Do.
		11332	Do.
		11333	Do.
		11338	Do. diesel: 30 HP 1000 rpm, 110mm; cylinders 4, stroke 160 mm
		11340	Do. kerosene 80 hp 1000 rpm, 150 mm, 4 cylinders stroke : 160 mm
		3220	Do. carburettor 50 hp, 1600 rpm, 6 cylinders:
		19205	Do. kerosene 3 hp 1500 rpm, 50 mm cylinders (2) suitable for outship (80)

I.F.	Bldg.No.	Inv. No.	Name & Specifications
Work Shop of Salvage Sec.	4	3275	Compressor - air, dia. of cylinder : 127mm 5.4 m3/min. max. pressure 7 kg/cm2 shaft rpm 850 : driven w. internal Combust'n engine, diesel : 65 HP 850 rpm
		19206	Air compressor: single-stroke : 120mm cap. 0.4 m3/min. max. press. 15 kg/cm2 shaft: 800 rpm: belt driven, prime mover missing, press. reg'n valve damaged
		11329	Air compressor: cap. 1.2 m3/min. press. 150 kg/cm2 450 rpm: 30 hp, Reciprocating: stroke: 100, Cylinder dia.: 57mm steam driven
		19207	Air compressor-capacity 0.024 m3/min. Max. press. 5 kg/cm2: shaft:450 rpm motor missing
		3256	Feed water pump: 0.12 m3/min 10 kg/cm2 discharge 50 mm "Wear" -steam driven cylinder dia. : 100 mm, stroke 150 mm
		3255	Pump - motor driven, 60 T/hr head 20 M 1800 rpm, discharge 70 mm DC 220V, 25 HP
		3143	Pump - motor driven, 0.5m3/min, head 22.5 m 3420 rpm, discharge 70 mm AC 220 v, 5 HP
		11300	Pump - 0.33 m3/min 2kg/cm2 discharge 50mm AC 220V 60 2 HP 1800 rpm
		11301	Pump - 0.08m3/min, 2kg/cm2: discharge 65 mm DC 100v, 2 HP, 3000 rpm
		3261	Pump -gasoline engine driven, 0.08 m3/min 2.5 kg/cm2: discharge 30mm: 3 HP 1500 rpm
		11316	Do.
		11317	Do.
		11319	Pump-propela 0.2 m3/min, 2 kg/cm2 discharge 150 mm, prime mover missing.
		11318	Worthington pump: 0.17 m3/min, 7 kg/cm2 discharge 130 mm: cylinders 2: stroke:180mm
		19208	Hydraulic pump -hand press. 2 kg/cm2 5 l/min, discharge 10 mm, 40 mm (dia. of cyl.) cylinder 1
		11339	Air pump-suitable to cooling 0.3 m3/min 7 kg/discharge 45 mm: dia. of cylinder 150
		9052	Winch : cap. 2 tons, No. of drum: 3 Motor missed
		9054	Winch : cap. 0.5/1 tons 2 drums, motor missing
		9055	Winch : cap. 1/2/1 ton, 1 drum motor missing
		13781	Oil Jack : cap. 50 tons, stroke 250 mm
		9049	Hoist; electric: cap. 2 tons, 3 Hp, 1 Hp
		9050	Do. 1 " 1/2 "
		9051	Do. 1 " 1/2 "
		9097	Do. Hand chain, cap. 5 tons lift 3.2m
		9100	Do. " " " 3 " 10M
		9102	Do. " " " 3 " 5
		9104	Do. " " " 2 " 5
		9105	Do.
		9107	Do.
		9108	Do. Cap. 2 tons, lift 6.3M
		9109	Do. " " " 3.5 M
		9111	Do. " " " 3.2 M
		9112	Do.
		9116	Do. " 1 ton lift 2 1/2 m

I.F.	Bldg.No.	Inv. No.	Name & Specifications
Work shop of Sal. Sec.	4	9119	Hoist, cap. $\frac{1}{2}$ ton, lift... $4\frac{1}{2}$ met. hand chain
		3274	Crane, Jib. cap. 5 tons hght/lift $3\frac{1}{2}$ met
		3230	Motor generator: DC 3.75 kw, 25v 150 A. motor AC $7\frac{1}{2}$ HP, 60 cycles 220v, 1800 rpm
		11304	Motor generator: DC 5 kw, 25v, 200 a, motor AC 10 hp, 60 cycles, 220v, 1800 rpm.
		11308	Motor generator: semi enclosed, motor AC Ind. 20 HP, 60 cycles, 1740 rpm: generator DC 10kw compound, 400 a.
		19212	Motor generator: enclosed generator: AC 1 kva 190 cycles, 75 v: 1900 rpm: motor missing
		3247	Motor generator : semi enclosed AC Ind. 3 Hp 60 cycles 220v, 7.1 a 1715 rpm.
		3218	Do. semi enclosed, DC 213 kw 220 v. 1450 rpm.
		3219	Generator - engine diesel, DC compound $7\frac{1}{2}$ kw 105v 560 rpm.
		11302	Generator: engine gasoline: enclosed DC 1 kw 110v, 1000 rpm.
		11303	Do.
		11320	Transformer, outdoor, self cooled, 1 \emptyset , 150 kva, PV 3150, SV 220, 110,
		11321	Do.
		11323	Transformer, outdoor self cooled, 1 \emptyset , 20 kva PV: 3450, 3330, 3150, 3000, 3850, SV 220, 110 v
		11324	Do.
		11327	Transformer, outdoor; self cooled, 1 \emptyset 15 kva, PV 220, SV 110
		19210	Do. " " 1 " 20 kva, PV 3300, SV 210, 105
		19209	Blower, cent'l. 3 m ³ /min, 1.3 kg/cm ² size of suction & discharge: 320 x 180: motor missig
		11337	Furnace: el. heating 74 a, 20 kw, using temp. 550 oC max. temp. 900 oC; size of heating chamber: 450 \emptyset x 300 mm
		11385	Portable machine, grinder el. AC & DC 110 v $\frac{1}{2}$ Hp, 3600 rpm, dia, of grinding whl. 150 mm thickness of grind. whl. : 25.4 mm
		11389	Portable machine, grinder dia./wheel: 130 mm thickness whl. 25.4 mm IMD AC and DC 110v $\frac{1}{3}$ Hp 4000 rpm.
		11390	Do. " " 150 mm " " 25.4 mm
		11440	$\frac{1}{2}$ Hp, 3600 rpm. Portable machine, grinder pneumatic : dia. of grinding whl, 150 mm: thickness 25.4 mm, 600 rpm.
		11441	Do.
		11442	Do.
		11443	Do.
		11444	Do.
		11445	Portable mach. grinder, pne'tic : dia. of grind. whl. 150 mm: thick 25.4 mm : 6000 rpm.

I.F.	Bldg. No.	Inv. No.	Name w Specifications
Sal. Work Shop	4	11446	Port. pneu'c grinder: dia. /whl. 150 mm thick : 25.4 mm 6000
		11447	Do. 100 mm, thick. 25.4 mm, 6000 rpm
		11450	Do. 200 mm, 25.4 mm 5000 "
		11451	Do. " " 5000 "
		11455	Do. 203 mm 25.4 mm 5000 "
		11456	Do. " " "
		11457	Do. " " "
		11458	Do. " " "
		11459	Do. " " "
		11460	Do. " " "
		11461	Do. 263 mm " 500 rpm
		11462	Do. " " "
		11467	Do. 65 mm 12.7 mm 1200 rpm
		11468	Do. " " "
		11469	Do. " " "
		11470	Do. 100 mm 25.4 mm 6000 rp
		11471	Do. " " "
		11472	Portable Pn'c Hammer: piston, 25 mm: stroke 77 mm
		11473	Do. 28 mm: 55 mm
		11371	Port'le drill: cap. 20 mm IMD AC/DC 100V 1 HP 260 rpm
		11372	Do.
		11373	Do. " AC/DC 100V " "
		11375	Do. 20 mm IMD " 220V " "
		11376	Do. 32 mm IMD " 110V, 2 $\frac{1}{2}$ HP 180"
		11378	Do. 13 mm " " 110V, 1 HP 500
		11409	Do. 23 mm
		11410	Do. 32 mm
		11412	Do. 14 mm
		11417	Do. 19 mm
		11425	Do. 32 mm
		11426	Do. 32 mm
		11431	Do. 25 $\frac{1}{2}$ mm
		11432	Do. 25 $\frac{1}{2}$ mm
		11433	Do. 32 mm
		11434	Do. "
		11435	Do. 23 mm
		-----	Dial indicator : max. cap. 25 mm Min. grad'n 1/100 mm
		-----	Thickness gauge: cap. 1/100mm/1 mm class w.21 mm
		-----	Do.
		-----	Vernier caliper: cap. 1000 mm: min.grad'n 1/20
		13782	Hydraulic Jack : cap. 100 T, stroke: 250 mm (cm
		13783	Do.
		7589	Surface plate: L: 180 cm, W 400 cm: Thick 31 $\frac{1}{2}$
		7590	Do.

I.F.	Bldg. No.	Inv. No.	Name & Specifications
Work shop of Sal. Section	4	7592	Surface plate: length 200 cm wid. 400 cm ; 51 cm
		7593	Do. 54
		7598	Do. 150 cm x 230 cm x 50 cm
		9066	Surface plate: T-slot 200 x 400 x 51
		9070	Do. 200 x 300 x 20
		9071	Do. "
		9072	Do. "
		9073	Do. "
		9074	Do. 200 x 300 x 21
		9075	Do. "
		9076	Do. "
		9077	Do. "
		9078	Do. "
		9079	Do. "
		9080	Do. 185 x 364 x 20
		9081	Do. "
		9082	Surface plate (precision) 100 x 100 x 20
		9083	Do. "
		9084	Do. "
		9085	Do. 81 x 100 x 8½
		9086	Do. Do.
		9087	Do. 60 x 60 x 10
		9088	Do. "
		9089	Do. 71 x 71 x 8
		9090	Do. 55 x 58 x 9.5
		9091	Do. 60 x 60 x 10
		9092	Do. "
		9093	Do. (T-slot) 200 x 30 ^u x 20
		9094	Do. "
		3265	Welding machine, ARC 20 KW AC stg. 5, 2nd 300 A
		3267	Do. (80 V
		3269	Do. AC stg. 5. 9.kw. 2nd. 300a 30 V
		3270	Do. " 5 24 " " 80 V
3271	Do. " 5 9 " " 30 V		
3272	Do. "		
3273	Do. 9 KW 2nd, 300A 30 V		
	19222	Vice (jaw: -4 in.) 2 pcs.	
		Do. (" 5) 12 "	
		Do. (" 5½) 5 "	

"THE MACHINES AND INSTRUMENTS"

22 - 24 A

Not Requested Use

<u>BLDG.NO.</u>	<u>INTEGRATED FACILITY</u>
1,2,3,5, 6,7,16,	Wood Work Shop
10	Saw Repairing Shop
8,9,	Boiler room Transportation Shop(belonging to Bldg. No.2)
26	Substation.

TIMBER MILL (SAW MILL)

BLDG. NO; Iino Saw Mill.

I.F.	Bldg. No.	Inv. No.	Name & Specifications
Saw	1	20008	Pump 50 x 50 : wing suction & discharge
Mill		7021	Motor : Dc 3 Hp
	6	10681	Surface plate : L.W.thick 300 x 350 x 15
	6	10682	Do. 500 x 350 x 15
	6	10683	Do.
	6	20031	Band saw dia. of whl. 760 mm
	6	7022	Welding machine, el'c cap. 10 kw 50 x 50
	9	20052	Pump: wing suction and discharge

Total 8 pcs.

775013

JULY, 15th, 1948.

"NOT USE MACHINES"

IINO SANGYO KAISHA LTD.
MAIZURU DOCKYARD.
SAW MILL.

"THE MACHINES AND INSTRUMENTS"

----- NOT USE -----

<u>BLDG. NO.</u>	<u>INTEGRATED FACILITIES</u>
42	Gas Plant
34	Plate Working Shop
39	Bending Slab
35	Power Plant No.1
36	Welding Shop
43	Tool Shop
41	Sheet Iron Shop
44	Machine Shop No.2
39, 304	Store House
33	Wood Working Shop
34	Welding Bar Mfg. Shop
39	Galvanizing Shop
51, 52, 53,	Oxygen Gas Shop
54	Salt Making Shop

SHIPBUILDING SECTION

15. 7. 1948

BLDG. NO. 42, 34, 39, 35, 36, 43, 41, 44, 39, 304, 33, 34, 39, 51, 52, 53, 54,

I.F.	Bldg.No.	Inv. No.	Name & Specifications
Gas Plant	42	22/24: 6896	Air Compressor: cap. 0.52 M ³ /min
		10062	Centrifugal Pump; cap. 800 l/min
		12875	Motor DC 6 HP
		12876	Do. AC 6 HP
		12877	Do. DC 8 HP
		10327	Do. AC 4 HP
		10328	Do. AC 2.7 HP
		14804	Welding Machine, Gas Press. tank, cap. 6000 lit.
Plate Working Shop	34	4927	Bending Mach. Max. thick, 6 mm, 3 roll
		5043	Hydraulic press cap. 70 tons
		5053	Drilling Machine. max. dia. 65 mm
		5055	Drilling Machine. max. dia. 63 $\frac{1}{2}$ mm
		5033	Drilling Machine. max. dia. 30 mm
		5034	Drilling Machine. max. dia. 25 mm
		4923	Shearing Machine. max. thick. 5 mm
		4924	Shearing Machine. max. thick. 13 mm
		5059	Shearing Machine. max. thick. 15 mm
		5058	Planner, Max. length 12000 mm
		5032	Sawing Machine, max. length 228 mm
		5555	Travelling Crane, only crab
		8308	Hoist: cap. 1 ton, el. lifting
		12126	Motor: 10 HP Induction
		10056	Surface Plate : Straightening
		10033	Do. : Do.
		10058	Surface Plate : Bending Slab
		10059	Do. : Do.
		10060	Do.
		10061	Surface Plate : Bending Slab
13043	Platform Scale, Cap 1 ton.		
Bending Slab	39	5622	Bending Mach., Max. thick, 15 mm
		5612	Hydr'c press, cap. 60 tons.
		5613	Hydr'c press, cap. 50 tons
		12212	Do. 8 tons kg
		5684	Forging Mach., Hammer, Fall'g wt. 500
		5611	Forming Mach., max. size, 150x150x12 mm angle
		5610	Forming Machine. angle, max. size 100x100x12 mm
		5667	Lathe; gap swing over bed: 500 mm
		5668	Lathe; gap swing over bed: 500 mm
		5669	Lathe; gap swing over bed: 510 mm
		5670	Lathe; gap swing over bed: 510 mm
5671	Lathe; gap swing over bed: 640 mm		
5672	Lathe; gap swing over bed: 570 mm		

I.F.	Bldg. No.	Inv. No.	Name & Specification
Bending Slab	39	22/24:	
		5673	Lathe; gap swing over bed: 500 mm
		5674	Lathe; gap swing over bed: 500 mm
		5624	Travelling Crane, lift, cap. 3 tons
		5627	Travelling Crane, 1 ton
		10324	Hoist lifting cap. 1 ton electric
		10325	Hoist lifting cap. 1 ton electric
		14890	Blower, del. volm. 8496 m ³ /min
		5581	Boiler, working press. 7 kg/cm ²
		10063/10125	Surface plate : bending slab
		10318	Do.
10335/10336	Do. : straightening		
13067	Platform scale, cap. 1 ton		
No. 5 Power Plant	35	4908	Hydr'c Pump: 80 HP pressore 105 kg/cm ²
		8325	Motor: Induction $\frac{1}{2}$ HP
		8326	Do.
		8327	Do.
		8328	Do.
		8329	Do.
No. 2 Power Plant	26	12123	Pump; air centrifugal, cap. 417L/min
		3849	Blower, cap. 50.4 M ³ /min
No. 3 Power Plant	11	3850	Blower, cap. 52.5 M ³ /min
		744	Air Compressor: 600 H. press. 8 kg/cm ²
Do.	8	736	Air Compressor: 125 HP. press. 225 "
		742	" 125 HP. " 8 $\frac{1}{2}$ "
Do.	8	738	Hydr'c pump; 60 HP, Press, 105 Kg/cm ²
		737	Motor: 95 HP
Welding Shop	36	5329	Grinder.
		5350	Do.
		4207	Welding machine
		4209	Do.
		4206	Do.
		4501/4512	Do.
		5016/5027	Do.
		5029/5031	Do.
		4991	Do.
		4992	Do.
4994/4999	Do.		

I.F.	Bldg. No.	Inv. No.	Name & Specification
Welding Shop	36	22/24 : 5001	Welding Machine
		5004	Do.
		5007/5013	Do.
		5015	Do.
		4973/4975	Do.
		4978/4990	Do.
		4937/4962	Do.
		4965/4971	Do.
		5036/5041	Do.
		4932/4936	Do.
		4913	Do.
		4920	Do.
		4921	Do.
		5337	Do.
		5349	Do.
		5348	Do.
		5330	Do.
		5081	Do.
		5088	Do.
		5331	Do.
		5336	Do.
		5078	Do.
		5079	Do.
		5080	Do.
		5099	Do.
		5103	Do.
		5105/5108	Do.
		5110/5115	Do.
		5117	Do.
		5118	Do.
		5122	Do.
		5124/5126	Do.
		5128/5132	Do.
		5134	Do.
		5135/5140	Do.
		5142/5217	Do.
		5220	Do.
		5221	Do.
		5677	Do.
		5224/5231	Do.
		5233	Do.
		5659	Do.
		5237	Do.
		5238	Do.
		5241	Do.
		5243	Do.
		5244	Do.
		5657	Do.
		5656	Do.
		5248	Do.
		5249	Do.
		5251	Do.
		5658	Do.

- excluding No. 5228

I.F.	Bldg. No.	Inv. No.	Name & Specification
Welding Shop	36	22/24 :	
		5253/5356	Welding Machine
		5663	Do.
		5319	Do.
		5260	Do.
		5269/5271	Do.
		5277/5318	Do.
		5320/5327	Do.
		5506/5510	Do.
		5512	Do.
		5514	Do.
		5519	Do.
		5532	Do.
		5540/5549	Do.
		5551/5554	Do.
		5517/5520	Do.
		5524	Do.
		5525	Do.
		5570	Do.
		5571/5567	Do.
		5565/5562	Do.
		5596/5501	Do.
		5605/5609	Do.
		5758	Do.
		6897	Do.
		6912/6904	Do.
		6932	Do.
		6925	Do.
		6938	Do.
		6939	Do.
		6942	Do.
		6943	Do.
		6945	Do.
		12139/12145	Do.
		13064	Platform Scale : 2 tons
		13084	Do.
		5464	DC Welding Machine.

I.F.	Bldg. No.	Inv. No.	Name & Specification
Bending Slab	40	22/24:	
		10528/10536	Surface Plate Slab (9) 2000 x 1000 x 200 mm
		10544/10548	Do. (5) Do.
		14108	Pump Power (2)
		5588	Pipe cutter: dia. of cir.saw 450 mm
		5589	Do.
		8355	Hoist, el. cap 1 ton.
Tool Shop	43		
		6885	Grinder, floor type, single head
		6887	Do.
		6888	Do.
		6883	Do.
		6884	Do.
		8419	Line shafting, dia 80 mm, leng. 200 mm
		6890	Furnace, heating, el. cap. 2 KW
		6891	Do. 30 "
		6892	Welding Machine, butt AC 150 KVA
		6893	Do.
		6881	Forging Machine, 152 kg, Hammer (Air)
		6882	Do. 25 "
		14054	Platform Scale, cap. 1000 KG
		14044	Blower, fan, del. volm.
		6878	Motor AC 25 HP
		6877	Drilling Machine, bench drill, cap. 15 mm.
		6879	Blower, roots, del. volm. 80m ³ /min.
		12229	Manual press, bench max. 250x250x1 mm
		12233	Motor AC 10 HP
		12231	Do. " 5 HP
		12232	Do. " 7 $\frac{1}{2}$ HP
		14051	Surface plate; slab (2) 2000x1000x200 ^{mm}
		10557	Anvil, 850x500x170 mm
		6875	Blower, roots, del. vol. 10 m ³ /min
		14045	Blower, fan, centrifugal, del'y volm 40 m ³ /min.
		14043	Swage block, 400 x 400 x 130 mm (4)
Sheet Iron Shop	41		
		5645	Hydraulic press, alligator, 70 T.
		5649	Drilling Machine, vertical drill, cap. 14 mm
		5639	Drilling Machine, bench drill cap. 15 mm
		5640	Do.
		5647	Drilling Mach. vertical drill cap. 14 mm
		12217	Grinder, floor, double head
		12218	Do.
		5655	Welding machine, Arc AC 105 KW
		12215	Do. Spot, AC : 100 KVA
		12216	Do. (6)

I.P.	Bldg. No.	Inv. No.	Name & Specifications		
Sheet Iron Shop	41	22/24:			
		10400	Hoist, Cap. 1 ton. Hand chain		
		13070	Platform Scale, cap. 150 kg.		
		10345/10350	Surface plate, straightening 2M x 1 M x 0.12 M (6)		
		10351/10352	Do. 2M x 1M x 0.2M (2)		
		10354	Do. 2½M x 1M x 0.12M		
		10355	Do. 2M x 1M x 0.12M		
		10358	Do. 3M x 1M x 0.1M		
		10359	Do. 2.45M x 1.2M x 0.6M		
		10360	Do. 1M x 0.8M x 0.2M		
		10361/10362	Do. 2.45M x 1M x 0.12M (2)		
		10363	Do. 2½M x 0.9M x 0.2M		
		10366/10372	Do. 2M x 1M x 0.2M (7)		
		10373	Do. 2½M x 0.9M x 0.2M		
		14067	Do. 2M x 1M x 0.2M (2)		
		14068	Do. 2M x 1M x 0.2M (9)		
		Machine Shop No.2	44	5690	Boring mach. Hor. table type
				5689	Do. Vert. turret tool post
				5741	Drilling mach, Vert. drill. cap. 23 mm
				5742	Do. 14 mm
5747	Do. Bench drill cap. 14 mm				
5748	Do. Vert. drill cap. 10 mm				
5749	Do. " " 23 mm				
5720	Gear cutter milling hor.				
5688	Grinder, external: internal				
5701	Do. Floor type double hd.				
5687	Lathe face, lathe SOB 1830 mm, bed length 2200 mm				
5703	Do. engine, SOB. 390 mm B.L. 6093 mm				
5732	Do. eng. SOB 390 mm, B.L. 1950 mm				
5702	Milling mach., knee hor'l.				
5709	Slotter: vert. stroke, 300 mm				
8415	Line shafting, dia. 75mm leng. 16000 mm				
5707	Motor : AC 40 HP				
5725	Motor : AC 10 HP				
5726	Motor : AC 75 HP				
5727	Motor : AC 75 HP				
12226	Do. 10 HP				
12227	Do. AC 7½ HP				
10566	Do. DC ¼ HP				
10567	Do. DC 1 HP				
13836	Hydr'c press Hor'l 100 tons				
13835	Hydr'c press Hor'l 150 tons				
10563/10564	Surface plate, gutter 2mx 1m x ¼m				
10565	Do. precision 0.8M x 0.8M x 0.14 M				
10401/10402	Do. 1½m x 1.07m x ¼m				
14097	Manual press: max. wk, 100 x 100 x 2 mm				
5675	Fur. heating, coal hand.				
10551/10552	Hoist, hand chain, cap. 2 tons (7)				

I.F.	Bldg. No.	Inv. No.	Name & Specification
Machine Shop No.2	44	22/24:	
		10553/10554	Hoist, hand chain, cap. 1ton
		10556	Do. 1ton
		10555	Winch Steam, single drum, 7tons
		8412	Hoist electric cap. 2tons
		10559	Winch single, drum, steam cap. 5 ton
		10560	Do.
		14066	Swage block : 420 x 420 x 150 mm
Store House	39	10403	Winch double drum, electric cap. 1500 kg.
		10404/10405	Do. 750 kg.
		12184/12187	Pump: reciprocating, el, cap. 833 l/
		12188/12191	Do. 600 l / min. min
		10408/10411	Blower, fan del. volm., 120m ³ /min
		10412	Do. 8m ³ /min
		10413/10415	Do. 80m ³ /min
		10416/10431	Do. 35m ³ /min
		10459/10483	Do. 4m ³ /min
		10484/10486	Do. 220m ³ /min
		10520/10521	Do. 120m ³ /min
		10441/10444	Do. 80m ³ /min
		10432/10433	Do. 40m ³ /min
		10446	Do. 15m ³ /min
		10448	Do. 20m ³ /min
		10434/10435	Do. 80m ³ /min
		10436/10437	Do. 40m ³ /min
		10438	Do. 50m ³ /min
		10439	Do. 35m ³ /min
		10440	Do. 20m ³ /min
		10449	Do. 20m ³ /min
		14076	Do. 15m ³ /min
		14077	Do. 15m ³ /min
		12199	Do. 85m ³ /min
		12200	Do. 126m ³ /min
		12201	Do. 120m ³ /min
		14075	Pump-axial del'y vol. 19m ³ /min with axial del'y vol. 15 m ³ /hr
		14075	Pump, Centrifugal del'y vol 10 m ³ /hr
		14073	Refrigerator, 2500 K cal/hr. Kind of liq. CH3 CL or CF 2C CL2
		12204/12208	Do.
		12192/12197	Do.
		12202/12203	Do. 25000 Kcal/Hr. kind/liq. CO2
		14094	Motor: AC 420V 27 HP
10445	Motor: DC 220V 3 HP		
10450/10458	Do. DC 100v 2½ HP		
10487/10519	Surface plate : slab 2Mx1Mx0.15M		

I.F.	Bldg. No.	Inv. No.	Name & Specification		
Wood working Shop	33	22/24:			
		13067	Platform scale, max. cap. 400 kg.		
		13581	Grind stone, dia. 1150 mm dia, 0.15 M		
		4910	Grinder dia, 0.3 m thickness 25 mm		
		6874	Do. 0.3 m " 25 mm		
		13578	Drilling Mach. max. drill. cap. 22 x 130 mm		
		4484	Lathe: Swing O.Head 540 mm		
Welding bar Mfg. Shop	34	4914	Grinder		
		10580	Pug Mill: cap. 0.08 Mt/Hr. 2 HP		
		10579	Do.		
		10588	Do. 0.04 " ¼ HP		
		12124	Do. Micron Mill: 200 meshes		
		10508	Material Mixer : - ¼ HP		
		12125	Wire washing machine		
		13588	Welding Bar Making Machine, Auto, cap. 420 p/hr.		
				4919	Pump reciprocating cap. 150 lit/min 5 HP
				10590	Winch, 5HP Cap. 1½ tons
				13604/13607	: Desicator
				10571	Surface Plate
				10574	Motor AC ¼ HP
				10575	Do. AC ¼ HP
				4913	Welding Machine, AC 15 KVA
				13587	Pug Mill: 0.05 Mt/Hr, CSD
				13590	Do. 0.05 Mt/Hr. 1 HP
				13591	Do.
				13592	Do. 0.2 Mt/Hr. 2 HP
				13593	Do. Hand
				13594	Do.
				13595	Do.
				13596	Colloid Mill : 3 HP
				13597	Do. 2 HP
				10573	Hoist: electric 1 mt
				10584	Motor: A.C 3 HP
				10585	Do. " ¼ HP
				10586	Do. DC 1 HP
				10587	Do. DC 1 HP
				13598	Do. DC ¼ HP
				13610/13613	: Vices
				13621	X-ray meat testing machine.
		13039	Platform scale. cap. 150 kg.		
		13041	Do. 20 kg.		
		13042	Do. 100 kg.		
Gal. Shop	39	5636	Pump : turbine, 10 HP		
		16382	Desicator		
		8402	Hoist: Air driver. 2.7 HP		
		8403	Do. hand chain, ½ mt		
		15257	Tackle wooden		

I.F.	Bldg. No.	Inv. No.	Name & Specification	
Bending Slab	39	22/24 :		
		5628	Shearing Machine.	
		12209	Motor: AC 5 HP	
		5630	Mechanical Press	
		5575	Do.	
		14812	Vice	
		14813	Do.	
		14814	Do.	
		14815	Do.	
Oxygen gas Plant	51	6956	Compressor: 5 stage 300 Kg/cm ² reciprocating cap 1.7 M ³	
		13657	Pump: hand driven	
		52	13658	Do.
		53	13659	Do.
			13660	Oxygen gas separator : 30 m ³ /hr.
			13661	Do.
			13662	Do. : 15 m ³ /hr.
			13663	Do.
		51	13664	Air cleaner
		52	13665	Do.
		51	13666	Air dryer : 4 tower
		52	13667	Do. 3 "
			13668	Do.
		51	13669	Do. 2 tower
			13670	Do. 1 tower
			13671	Do.
			13672/13674	: Water separator
		52	13675/13677	: Do.
		51	13678/13679	: Strage Tank : 324 Lit.
			13680/13688	: Air Reservoir tank, cap. 250 lit.
			13689	Do. 405 "
			13690	Do. 200 "
		52	10576	Surface Plate
	51	12878	Motor AC 5 HP	
		13691	Heater : electric 5 K.W.	
		13692	Do.	
Salt Making Shop	54	8513	Hoist : electric : 1 mt	
		8512	Do.	
		10594	Winch: 2 mt. AC 20 HP	
		12883	Blower : 15 HP cap. 40 m ³ /min.	
		10598/10605	Surface Plate	
		10606	Motor: AC 4 HP	
		12882	Pump	
		15277	Switch Board	
		15279	Do.	

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