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Name of machine	Code no.	Class	Principal dimension	accessories	Location	Remarks
Engine Lathe	454-1586	2	350 × 1,400	motor 3HP	Former HIKARI naval arsenal	
"	" 1587	2	"		"	
"	" 1588	1	"	"	"	
"	" 1589	1	"	"	"	
"	" 1590	2	350 × 1,200	2HP	"	
"	" 1591	3	"	"	"	
"	" 1592	1	"	"	"	
"	" 1593	2	"	"	"	
"	" 1594	1	"	"	"	
"	" 1597	3	320 × 1,400	5HP	"	
"	" 1599	2	350 × 1,400	2HP	"	
"	" 1600	3	"	"	"	
"	" 1601	1	280 × 1,400	"	"	
"	" 1602	2	"	"	"	
"	" 1603	2	450 × 1,400	2HP	"	

"	" 1600	3	"	"	"	
"	" 1601	1	280 x 1400	"	"	
"	" 1602	2	"	"	"	
"	" 1603	2	450 x 1400	7.5HP	"	
"	" 1605	1	"	"	"	
"	" 1606	3	"	"	"	
"	" 1608	1	400 x 1400	5HP	"	
"	" 1609	1	"	"	"	
"	" 1610	1	"	"	"	
"	" 1611	2	"	"	"	
"	" 1612	1	"	"	"	
"	" 1614	1	280 x 400	1HP	"	
"	" 1617	1	"	"	"	
"	" 1618	1	"	"	"	
"	" 1619	1	300 x 1200	3HP	"	
"	" 1620	1	350 x 1400	"	"	
"	" 1621	2	"	5HP	"	
"	" 1622	1	"	"	"	
"	" 1623	2	"	"	"	

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Name of machine	Code no.	class	Principal dimension	accessories	Location	Remarks
Vertical milling machine	45-4-1631	2		motor 1HP	Formar HIKARI naval arsenal	
Universal milling machine	" 1632	1		"	"	
Screw Cutting Lathe	" 1634	2	380 × 1400	5HP	"	
Engine Lathe	" 1635	2	"	3HP	"	
"	" 1641	1	400 × 2.000	7.5HP	"	
"	" 1642	1	"	"	"	
"	" 1643	3	400 × 1400	5HP	"	
Vertical Lathe	" 1645	2	"	10HP	"	
Engine Lathe	" 1649	3	"		"	
"	" 1650	3	350 × 1400	2HP	"	
"	" 1651	2	"	"	"	
"	" 1669	1	440 × 2,000	7.5HP	"	
"	" 1670	1	"	"	"	
"	" 1671	1	"	"	"	
"	[illegible]	[illegible]				

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"	" 1669	1	440 x 2,000	7.5HP	"	
"	" 1670	1	"	"	"	
"	" 1671	1	"	"	"	
"	" 1673	1	"	"	"	
"	" 1674	1	"	"	"	
Face Lathe	" 1677	2	440 x 1400	5HP	"	
Engine Lathe	" 1680	3	440 x 2,000	7.5HP	"	
"	" 1683	1	360 x 1400	2HP	"	
"	" 1685	1	"	"	"	
"	" 1686	1	"	"	"	
Upright drilling machine	" 1688	3		1HP	"	
Engine Lathe	" 1689	2	360 x 1400	2HP	"	
"	" 1694	3	450 x 1400	7.5HP	"	
Face Lathe	" 1696	1	440 x 1400	5HP	"	
Engine Lathe	" 1697	2	450 x 1400	7.5HP	"	
"	" 1700	2	400 x 1200	"	"	
"	" 1701	3	"	3HP	"	
"	" 1711	2	440 x 2500	7.5HP	"	
Screw Cutting Lathe	" 1712	2	500 x 1000	5HP	"	

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Name of machine	code no	class	principal dimension	accessories	Location	Remarks
Screw cutting Lathe	45-4-1713	2	500 × 1,000	motor 5HP	Formar HIKARI naval arsenal	
Universal horizontal milling machine	" 1716	2	"	1HP	"	
Planer grinding machine	" 1720	2	250 × 150	"	"	
Engine Lathe	" 1722	2	760 × 3,350		"	
"	" 1723	2	"		"	
"	" 1724	2	"		"	
"	" 1725	2	"		"	
Shaping machine	" 1733	2	16"		"	
Engine Lathe	" 1734	3	340 × 1200	1HP	"	
Shaping machine	" 1737	2	24"	5HP	"	
"	" 1738	2	"	7.5HP	"	
Engine Lathe	" 1739	2	440 × 2,000		"	
Shaping machine	" 1740	2	24"	5HP	"	
"	" 1741	2	"		"	
Upright drilling machine	" 1756	2	NO3		"	

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Engine Lathe	〃	1739	2	440 × 2,000		〃
Shaping machine	〃	1740	2	24"	5 HP	〃
〃	〃	1741	2	〃		〃
Upright drilling machine	〃	1756	2	NO3		〃
Engine Lathe	〃	1757	3	400 × 1,800		〃
〃	〃	1758	2	400 × 1,400		〃
〃	〃	1761	1	320 × 1,400		〃
〃	〃	1762	1	〃		〃
boring machine	〃	1763	2	500 × 250	1 HP	〃
Universal cylindrical grinding machine	〃	1764	2	180 × 180	1.2 HP 3.5 HP	〃
Upright drilling machine	〃	1766	2	NO3	2 HP	〃
〃	〃	1768	1	〃	1 HP	〃
Shaping machine	〃	1769	2	16"	3 HP	〃
Engine Lathe	〃	1770	2	360 × 1,600	2 HP	〃
Planer grinding machine	〃	1773	1	250 × 150		〃
〃	〃	1774	1	200 × 500		〃
Engine Lathe	〃	1781	2	280 × 400	1 HP	〃
〃	〃	1785	2	〃	〃	〃
〃	〃	1791	2	350 × 1,200	2 HP	〃

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Name of machine	code no	class	principal dimension	accessories	Location	Remarks
Gear Cutting machine	45-4-1796	2	130		Former HIKARI naval arsenal	
"	" 1797	2	"		"	
"	" 1798	2	300	motor 3HP	"	
Face Lathe	" 1800	1	450 × 1,400	5HP	"	
Shaping machine	" 1804	2	20"	3HP	"	
"	" 1805	2	"		"	
"	" 1806	2	"		"	
Slotting machine	" 1807	2	250	3HP	"	
"	" 1808	2	"	"	"	
Tool grinding machine	1809	1	dia 450	5HP	"	
overhead travelling crane	" 1810	1	5 ton	7.5HP 2 1.5HP	"	
"	" 1811	3	"		"	
"	" 1812	3	"			
"	" 1813	1	10 ton	3KW 7.5KW 2		
Gear Cutting machine	" 1816	1	[illegible]	[illegible]		

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"	" 1811	3	"			
"	" 1812	3	"			
"	" 1813	"	10 ton	3 KW 25 KC		
Gear Cutting machine	" 1816	1	300	4 HP		
Engine Lathe	" 1818	1	300 × 1.400	"		
"	" 1819	1	"	"		
Impact tester	" 1821	2	1.7 m.Kg 3 m Kg			
Gear Cutting machine	" 1821	2	130	1 HP		
"	" 1822	2	"	"		
Engine Lathe	" 1824	1	450 × 1.400	2.5 HP		
Turret Lathe	" 1825	1	X04	4 HP		
"	" 1826	1	"	"		
Slotting machine	" 1837	1	215	3 HP		
Shaping machine	" 1839	2	24"	5 HP		
"	" 1839	2	"	"		
"	" 1841	3	"			
Slotting machine	" 1844	1	215	5 HP		
"	" 1845	1	"	"		
"	" 1846	2	"	3 HP		

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Name of machine	code no	class	Principal dimension	accessories	Location	Remarks
Engine Lathe	45-4-1847	3	340 × 1200		Former HIKARI naval arsenal	
"	" 1848	2	"	moto-1HP	"	
"	" 1849	2	350 × 1,600	3HP	"	
"	" 1850	2	"	"	"	
"	" 1851	3	350 × 1800	5HP	"	
"	" 1852	1	"	"	"	
Universal HORIZONTAL milling machine	" 1853	1	NO 2	3HP	"	
HObbing machine	" 1855	1	100	1HP	"	
Engine Lathe	" 1856	1	450 × 1400	7.5HP	"	
"	" 1858	1	800 × 6000		"	
Three phase induction motor	" 1860	1	62 K.W		"	
"	" 1861	1	"		"	
Hobbing machine	" 1863	3	360		"	
"	" 1864	3	300	3HP	"	
[illegible]	[illegible]	[illegible]	[illegible]	5HP	"	

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Radial drilling machine						
"	" 1861	1	"		"	
Hobbing machine	" 1863	3	360		"	
"	" 1864	3	300	3HP	"	
Shaping machine	" 1867	2	24"	5HP	"	
Hobbing machine	" 1870	2	360	2HP	"	
Slotting machine	" 1871	1	250	3HP	"	
Radial drilling machine	" 1872	1	NO4 1.000	1HP 3HP		
Lapping machine	" 1873	2	dia 240		"	
Universal milling machine	" 1880	2	NO2	HP	"	
Compressor	" 1888	1			"	
Electric Furnace	" 1890	1	900°C 200V		"	
Moulding machine	" 1891	2			"	
Vertical milling machine	" 1892	2	NO2	3HP	"	
"	" 1893	1	"	"	"	
"	" 1894	1	"	"	"	
"	" 1895	1	"	"	"	
D.C electric welder	" 1896	2	100KW 400A		"	
"	" 1897	2	"		"	
"	" 1902	2	"		"	

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Name of machine	code no	class	principal dimension	accessories	Location	Remarks
D.C electric Welder	45-4-1903	2	100KW 400A		Formar HIKARI naval arsenal	
"	" 1904	2	"		"	
"	" 1905	1	"		"	
"	" 1908	1	"		"	
"	" 1909	1	"		"	
"	" 1910	1	"		"	
"	" 1911	1	"		"	
Horizontal milling machine	" 1913	3	NO2	motor 3HP	"	
Radial drilling machine	" 1916	1	NO4 1.400		"	
Pressure gauge tester	" 1923	2	50~800Kg/cm3		"	
Saw sharpener	" 1924	2			"	
Graduator	" 1929	3	table 1.500		"	
Air hammer	" 1931	2	1 ton	125HP	"	
Slotting machine	" 1933	1	215	5HP	"	
Engine lathe	" 1913	3	[illegible]	7.5HP	"	

Graduator	〃 1929	3	table 1.500		〃	
Air hammer	〃 1931	2	1 ton	125HP	〃	
Slotting machine	〃 1933	1	215	5HP	〃	
Engine Lathe	〃 1943	3	520 × 2,500	7.5HP	〃	
〃	〃 1954	2	〃	〃	〃	
〃	〃 1955	3	〃	〃	〃	
〃	〃 1961	3	〃	〃	〃	
〃	〃 1973	3	450 × 1,400	〃	〃	
〃	〃 1980	3	760 × 3350		〃	
Upright drilling machine	〃 2005	3	NO2		〃	
〃	〃 2006	3	〃		〃	
Planer grinding machine	〃 2007	1	dia 400		〃	
〃	〃 2008	2	tabel 250 × 150		〃	
Centerless grinder	〃 2009	2	300		〃	
Engine Lathe	〃 2011	1	900 × 4,000	20HP	〃	
Tool grinder	〃 2017	2	320		〃	
Cylindrical grinder	〃 2019	2	180 × 1,200	3.5HP	〃	
Vertical milling machine	〃 2020	2	NO2	5HP	〃	
Universal horizontal milling machine	〃 2022	2	〃	3HP	〃	

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Name of machine	code no	class	principal dimension	accessories	Location	Remarks
Vertical milling machine	45-4-2024	3	NO 2	motor 5HP	Formar HIKARI naval arsenal	
Universal Cylindrial grinder	" 2028	1	table 150 x 1.000	3HP	"	
Vertical milling machine	" 2030	2	NO 2		"	
"	" 2034	2	NO 3	5HP	"	
"	" 2035	3	"	"	"	
Universal milling machine	" 2049	2	NO2	3HP	"	
Vertical milling machine	" 2050	3	"	5HP	"	
Horizontal boring machine	" 2055	3	1000x100x500		"	
Hack Saw	" 2056	1	dia. 100	1HP	"	
Carving machine	" 2057	3			"	
Engine Lathe	" 2058	1	750 x 1400	7.5HP	"	
Face Lathe	" 2059	1	400 x 1.400	"	"	
Radial drilling machine	" 2063	1	NO 4 1.500	1HP 3HP	"	
Vertical milling machine	" 2066	2	NO2	5HP	"	
[illegible]	[illegible]	[illegible]	[illegible]		"	

Face Lathe	〃 2059	1	400 × 1.400	〃	〃	
Radial drilling machine	〃 2063	1	N04 1.500	1 HP 3 HP	〃	
Vertical milling machine	〃 2066	2	N02	5 HP	〃	
Slotting machine	〃 2073	1	215	〃	〃	
Universal tool grinder	〃 2074	2	table 150×250	$\frac{1}{2}$ HP	〃	
Three Phase induction motor	〃 2089	1	20 KW		〃	
〃	〃 2090	1	5 HP		〃	
〃	〃 2097	1	15 KW		〃	
〃	〃 2100	1	7.5 HP		〃	
〃	〃 2102	1	32 KW		〃	
〃	〃 2103	1	〃		〃	
〃	〃 2104	1	〃		〃	
Engine Lathe	〃 2106	1	450 × 1.400	7.5 HP	〃	
Sand mixer	〃 2109	3	30 l/h	20 HP	〃	
Blue print developing and drying apparatus	〃 2110	3			〃	
Electric drying apparatus	〃 2117	2				
Air hammer	〃 2130	2	$\frac{1}{2}$ ton		〃	
〃	〃 2132	2	$\frac{1}{6}$ ton		〃	
Sterm hammer	〃 2133	3	$\frac{1}{2}$ ton		〃	

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Name of machine	Code no	class	principal dimension	accessories	Location	Remarks
air hammer	45-4-2134	3	$\frac{1}{4}$ ton		Formar HIKARI naval arsenal	
Compressor	" 2143	1			"	
Sand mixer	" 2144	3	10kg		"	
rack saw	" 2145	1	dia 100		"	
"	" 2146	2	"		"	
"	" 2147	2	"		"	
	" 2148	2	"		"	
	" 2149	1	"		"	
wood planing machine	" 2151	2			"	
"	" 2152	2			"	
Power unit	" 2170	1	7.5HP		"	
"	" 2171	1	"		"	
"	" 2175	2	"	motor 7.5HP	"	
"	" 2176	1	"	"	"	
"	" 2177	1	"		"	

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"	" 2171	1	"		"	
"	" 2175	2	"	motor 7.5HP	"	
"	" 2176	1	"	"	"	
"	" 2177	1	"		"	
Crank press	" 2185	3	50 ton		"	
Vertical turret Lathe	" 2217	2	table 800		"	
"	" 2218	2	"		"	
"	" 2219	2			"	
Cylindrical grinder	" 2222	2	table 1500		"	
Internal grinder	" 2223	3	100 x 1000		"	
Sterm hammer	" 2225	3	1 ton		"	
Engine Lathe	" 2229	3	400 x 1.400	5HP	"	
Cupola	" 2233	2	Cap. 500 kg		"	
Universal cylindrical grinder	" 2236	1	table 160 x 500	2HP x 2 ½HP	"	
Centerless grinder	" 2237	1	dia 400	¼HP 5HP	"	
Wood working Lathe	" 2502	1	750 x 2,500		"	
Overhead trovelling crane	" 2601	3	30 ton		"	
High freqlincy electric furnace	" 2609	3	1 ton		"	
Electric furnace	" 2617	1	30 ton		"	

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Name of machine	Code no	Class	Principal dimension	accessories	Location	Remarks
Transformer	45-4-2623	1	10,000 KVA		Formar HIKARI naval arsenal	
Overhead travelling crane	〃 2636	1	5 ton.	1.5HP 7.5HP 2	〃	
〃	〃 2664	2	10 ton	10 1.5 KW 3	〃	
〃	〃 2680	1	20 ton	〃	〃	
〃	〃 2681	3	30 ton	〃	〃	
〃	〃 2682	3	5 ton	〃	〃	
〃	〃 2686	3	20 ton	〃	〃	
〃	〃 2687	3	〃	〃	〃	
〃	〃 2688	3	〃	〃	〃	
〃	〃 2689	3	〃	5 1.5 KW 20 10	〃	
〃	〃 2698	1	5 ton	7.5KW 2 5 1.5	〃	
〃	〃 2699	3	20 ton	10 2 KW 7.5	〃	
〃	〃 2700	1	5 ton	2.5 KW 2	〃	
〃	〃 2701	1	10 ton	10 2 KW 3	〃	
	2702	1	5 ton	7.5KW 2	〃	

〃	〃 2699	3	20 ton	10 20 KW 7.5	〃	
〃	〃 2700	1	5 ton	7.5 KW 2	〃	
〃	〃 2701	1	10 ton	10 KW 2 3	〃	
〃	〃 2704	1	5 ton	7.5 KW 2 3 KW	〃	
〃	〃 2705	1	60~20 ton	60 KW 2 30 15	〃	
〃	〃 2706	3	50~10 ton	50 KW 20 KW 40. 10	〃	
〃	〃 2707	1	15 ton	20 HP 7.5 HP 1.5 HP	〃	
〃	〃 2708	1	30~10 ton	40.30 20.15 KW	〃	
〃	〃 2709	3	〃	〃	〃	
〃	〃 2710	3	5 ton	20 5 KW 1.3	〃	
〃	〃 2711	3	50~10 ton	50 25 KW 20	〃	
〃	〃 2717	1	50 ton	〃	〃	
Sterm hammer	〃 2723	2	1 ton	〃	〃	
Friction press	〃 2727	2	150 ton	30 HP	〃	
air hammer	〃 2748	1	1 ton	125 HP	〃	
Boiler	〃 2780	1	pressure 11.5 kg/cm²		〃	
〃	〃 2781	1	〃		〃	
〃	〃 2782	1	〃		〃	
〃	〃 2783	1	〃		〃	

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Name of machine	code no	class	principal dimension	accessories	Location	Remarks
Boiler	65-4-2784	1			Former HIKARI naval arsenal	
"	" 2785	1			"	
"	" 2786	1			"	
"	" 2787	1			"	
Gas producer	" 2794	2	30 ton kindle		"	
"	" 2795	2	"		"	
Vertical Hydraulic press	" 2800	2	2,000t		"	
Hydraulic pump	" 2802	1	300 kg/cm²	motor 100HP	"	
"	" 2803	1	"	"	"	
Hydraulic pump	" 2805	1	100 kg/cm²	"	"	
Boiler	" 2826	1			"	
Cupola	" 2833	2	3 ton		"	
Volute pump	" 2865	1			"	
air Compressor	" 2943	1		100HP	"	

Boiler	〃 2826	1			〃	
Cupola	〃 2833	2	3 ton		〃	
Volute pump	〃 2865	1			〃	
air Compressor	〃 2943	1		100HP	〃	
Wood band saw	〃 2953	2			〃	
Engine Lathe	〃 2956	2	840 × 6000	20HP	〃	
〃	〃 2957	3	180 × 5000	15HP	〃	
〃	〃 2958	2	〃		〃	
Volute pump	〃 2959	1			〃	
air Compressor	〃 2964	1	16.4 kg/cm²	50HP	〃	
Shaping machine	〃 2979	2	24"		〃	
Engine Lathe	〃 2982	1	450 × 2,000	7.5HP	〃	
Grinding wheel	〃 2987	2	200		〃	
Engine Lathe	〃 3039	2	450 × 2,000	7.5HP	〃	
Tool grinder	〃 3051	3	dia 500		〃	
Blower	〃 3052	1		10HP	〃	
hack saw	〃 3060	1	dia 100		〃	
Cutting grinding machine	〃 3061	3	cuting dia 125		〃	
Band Sawing machin	〃 3063	2			〃	
Cuting grinder	〃 3068	2	dia 400	5HP	〃	

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Name of machine	Code no.	Class	principal dimension	accessories	Location	Remarks
Saw Sharpener	45-4-3069	3			Former HIKARI naval arsenal	
Blower	" 3070	1		motor 50KW	"	
Wood working lathe	" 3073	3	800 × 1,800		"	
Circuler sawing machine	" 3075	2	1,000		"	
Air Compressor	" 3076	3		100HP	"	
Shearing machine	" 3077	1	15 × 300	1HP	"	
Horizontal Boring machine	" 3083	2	1500 × 1000 × 700		"	
Vertical milling machine	" 3085	2	N03	3HP	"	
"	" 3086	1	"	5HP	"	
	" 3087	1	"	"	"	
	" 3088	1	"	"	"	
"	" 3089	1	"	"	"	
Radial drilling machine	" 3093	2	N04 1,500	1HP 3HP	"	
Engine Lathe	" 3094	3	1,140 × 2,000	27HP	"	

	〃 3088	1	〃	〃	〃	
〃	〃 3089	1	〃	〃	〃	
Radial drilling machine	〃 3093	2	NO4 1,500	1HP 3HP	〃	
Engine Lathe	〃 3094	3	1,150 × 2,000	27HP	〃	
〃	〃 3099	3	900 × 9,700	20HP	〃	
〃	〃 3100	2	〃	〃	〃	
〃	〃 3101	1	〃	〃	〃	
〃	〃 3102	1	〃	〃	〃	
Circuler Sawing machine	〃 3105	2	dia 1,650	2HP 2.5HP	〃	
Radial drilling machine	〃 3106	1	NO4 1500	1HP 3HP	〃	
Slotting machine	〃 3107	2	420	10HP	〃	
Shaping machine	〃 3109	1	24"		〃	
Radial drilling machine	〃 3110	1	NO4 1,500	1HP 3HP	〃	
Shaping machine	〃 3111	2	24"		〃	
〃	〃 3112	3	16"		〃	
Vertical milling machine	〃 3114	1	NO3	5HP	〃	
〃	〃 3115	2	NO2	3HP	〃	
〃	〃 3116	2	〃	〃	〃	
Engine Lathe	〃 3117	1	520 × 2,000	10HP	〃	
〃	〃 3118	1	〃	〃	〃	

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

Name of machine	Code no.	Class	Principal dimension	accessories	Location	Remarks
Engine Lathe	45-4-3119	1	520 × 2000	motor 10HP	Formar HIKARI naval arsenal	
"	" 3120	1	"	"	"	
"	" 3121	2	450 × 1.400	7.5HP	"	
"	" 3122	2	"	"	"	
Shaping machine	" 3126	2	24"		"	
hack saw	" 3128	3	100		"	
Radial drilling machine	" 3132	2	N04 1.500	1HP 3HP	"	
Horizontal Boring machine	" 3136	3	1500 × 1000 × 700		"	
Special Lathe	" 3141	3	1.400 × 5000	30HP	"	
Horizontal boring machine	" 3143	2	2.000 × 1.600 × 1000	20 7.5HP	"	
"	" 3144	1	1.700 × 1.000 × 1000	7.5HP	"	
"	" 3145	1	1400 × 800 × 3.600	"	"	
Planning machin	" 3149	3	1.270 × 1.520 × 15.000	40HP	"	
"	" 3150	1	"	"	"	
Horizontal boring machine	" 3152	1	1.500 × 2.600 × 1.500	15HP	"	
Friction press	" 3175	2	50 ton	"	"	

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

Planning machin	〃 3149	3	1270×1520×15.000	40HP	〃	
〃	〃 3150	1	〃	〃	〃	
Horizontal boring machine	〃 3152	1	1500×2600×1500	15HP	〃	
Friction press	〃 3175	2	50ton	〃	〃	
Upright drilling machine	〃 3197	2	NO3		〃	
paper cutting machine	〃 3198	3			〃	
Resistance furnace	〃 3278	1	60~20T		〃	
〃	〃 3279	3	〃		〃	
air compressor	〃 3292	1		100HP	〃	
Vertical lathe	〃 3295	3	1500	10HP	〃	
D.C motor genertor	〃 3305	1	300KW	330KW	〃	
〃	〃 3306	1	〃	〃	〃	
〃	〃 3307	1	〃	〃	〃	
〃	〃 3308	1	500KW	560KW	〃	
〃	〃 3309	1	〃	〃	〃	
〃	〃 3310	1	〃	〃	〃	
Vertical lathe	〃 3315	3	table 1500	10HP	〃	
Hydraulic dynamometer	〃 3317	2	300HP		〃	

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

Name of machine	Code no	Class	Principal dimension	accessories	Location	Remarks
Hydraulic dynamometer	45-4-3318	2	300HP		Former HIKARI naval arsenal	
Bending roll	" 3324	2	10 × 2,000	motor 15HP	"	
Vertical lathe	" 3326	3	table 1,000	7.5HP	"	
Shearing machine	" 3331	2	10 × 2000	15HP	"	
Vertical lathe	" 3340	3	table 1,500	10HP	"	
Sand mixer	" 3349	3		30HP	"	
"	" 3350	3		"	"	
Air Compressor	" 3351	1		50HP	"	
Upright drilling machine	" 3352	2	No3		"	
Vertical Hydraulic press	" 3353	2	600×400 50ton		"	
Wothington pump	" 3355	23	5"		"	
Shearing machine	" 3357	2	1,000×2,500		"	
Metal band sawing machine	" 3362	2		"	"	
Moulding machine	" 3363	3			"	
Sand blast	" 3364	3		20HP	"	

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

Metal band sawing machine	" 3362	2		"	"	
Moulding machine	" 3363	3			"	
Sand blast	" 3364	3		20HP	"	
"	" 3365	2		"	"	
"	" 3366	3		"	"	
Engine Lathe	" 3371	1	520 × 2,000	10HP	"	
"	" 3373	3	"	"	"	
"	" 3374	1	"	"	"	
"	" 3402	3	300 × 1,200	5HP	"	
Vertical milling machine	" 3422	2	NO3		"	
"	" 3423	1	NO2	3HP	"	
D.C electric welder	" 3446	1	7.5KW 300A		"	
A.C "	" 3447	1	10.5KVA 250A		"	
"	" 3448	1	"		"	
"	" 3449	1	"		"	
"	" 3450	1	"		"	
"	" 3451	1	"		"	
D.C "	" 3452	1	7.5KW 300A		"	

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Name of machine	Code no.	Class	Principal dimension	accessories	Location	Remarks
D.C electric welder	45-4-3453	1	7.5 KW 300A		Formar HIKARI naval arsenal	
A.C "	" 3454	1	10.5 KVA 250A		"	
"	" 3455	1	"		"	
"	" 3456	1	"		"	
Internal grinder	" 3485	2			"	
Upright drilling machine	" 3486	1	NO2		"	
Tool grinder	" 3487	1			"	
Elevater	" 3948	3	10 ton lift 5m		"	
Surface plate	" 3949	1	$4^m \times 1.8^m \times 0.27^m$		"	
"	" 3950	1	"		"	
"	" 3951	1	"		"	
"	" 3952	1	"		"	
"	" 3953	1	$2.65^m \times 1.92^m \times 0.27^m$		"	
"	" 3954	1	"		"	
"	" 3955	1	"			

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

"	" 3952	/	"			
"	" 3953	/	2.65^{m} x 1.92^{m} x 0.27^{m}		"	
"	" 3954	/	"		"	
"	" 3955	/	"		"	
"	" 3956	/	"		"	
Total	216					

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

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

4e

Motomachi, Kudamatsu
City, Yamaguchi Pref.

September 25, 1947.

45-4
II

To: Commanding Officer
Yamaguchi M. G. HQ.
Through: Major Justice

PETITION

On May 10, 1948, the former chief of the Gun Producing Department of the Hikari Naval Arsenal inquired our factory and requested to borrow one 1/4 ton pneumatic hammer which was under operation.

At this time we are willing to have the hammer back in our factory. As you know in present, machinery are very short, and it is very hard to put a new or second hand one in hand.

The hammer which was borrowed by the Hikari Naval Arsenal is now remained in the Arsenal.

Therefore, we hereby like to have your permit and approval to return the hammer to our factory. As it is very necessary for us to use the pneumatic hammer at present. We will like to carry out the hammer from the Arsenal as quick as possible. The amount is one.

We would like to have your kindest regard and cooperate to this matter.

Respectfully yours,

Tokujiro Nakano

Tokujiro Nakano, Pres.,
Hyogo Bolt Co. Ltd.

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

September 23, 1947

To: Commanding Officer
Yamaguchi M. G. HQ.
Through: Major Justice

CERTIFICATION

I hereby certify that the following article was borrowed by the Chief of the Gun Producing Dept. of the Hikari Naval Arsenal from the Hyogo Bolt Co. Ltd. during the war.

Item---------Pneumatic Hammer
Amount-------One

J. Nakata
Former Chief Superintendent, Hikari Naval Arsenal

I hereby declare upon my honor that the above-mentioned is true and correct to the best of my knowledge.

H. Okada
Chief of the Hikari Branch Office, Yamaguchi Finance Bureau

Yoshiharu Oku
Yoshiharu Oku
Yamaguchi Branch Office
Hiroshima Finance Bureau

Okd 29 Sep 47

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

4C

APPLICATION FOR PERMISSION OF
TEMPORARY USE OF EX-MILITARY GROUND

13 August 1947.

TO : Commanding Officer,
YAMAGUCHI MILITARY GOVERNMENT TEAM.
(ATTENTION: Commerce & Industry Section)

45-4
II

Sir:

I hereby beg to submit you the application for your authority to use a part of the ex-Hikari Naval Arsenal compound as the yard of timber for packing the reparation equipments under the following plan with the attached papers of reference-date.

Yours respectfully,

K. Saito

SAITO Kameji
The confederation of
the Yamaguchi Prefectural
Timber & Forestry
Products Union.

1. Object of Use
Accumulate the timbers for packing reparation equipments.

2. Quantity of Accumulation.
Approximately 20,000 cubic feet of manufactured timber.

3. Term of Use
From the day of Your authorization to the day of completion of our removing work of the reparation equipments.

4. Place for use
Approximately 36,000 square feet at the inner side of the ex-Hikari Naval Arsenal Shimada, Hikari City. (Within the red-line in the attached map)

5. Charge.
In obedience to the order of the Hiroshima Finance Bureau.

6. Others.
We selected that place because it is very convenient to keep the timber in safety, to accumulate and carry them out of the arsenal, considering the distribution of each reparation workshop.

5 Sep 47
OK.

Yoshiharu Oku
Yoshiharu Oku
Yamaguchi Financial Bureau

MY/Is

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

file

December 7, 1946

FROM: YOMOICHI OKAMOTO, President of Toa Industry Co., Ltd.

TO: COMMANDER OF YAMAGUCHI MILITARY GOVERNMENT TEAM.

VIA: Chief of Finance Administration Branch, Hiroshima Finance Bureau.

SUBJECT: Application for your Permission of our Removal and Temporary Use of the Reparation Articles of the Hikari Ex-Naval Depot.

45-4
II

Considering the extremely difficult food conditions in our country, we are to newly establish a calcium carbonate fertilizer production factory at Ofuku, Mine-gun, Yamaguchi prefecture, having the greatest backings of Home Ministry, Ministry of Agriculture and Forestry, Finance Department, Yamaguchi Prefectural Office, Hiroshima Finance Bureau, etc., for the purpose of our increase of the production of fertilizers.

We hereby apply for your permission of our removal and temporary use of the machines and apparatus necessary for our operations, now located in Hikari ex-Naval Depot, as shown in the enclosed paper. Moreover, we pledge ourselves that we will make assurance doubly sure in protecting them, while in use, and whenever you need them, we will return them to their places designated.

Yomoichi Okamoto
YOMOICHI OKAMOTO, President of Toa Industry Company Ltd.

Yoshiharu Oku
YOSHIHARU OKU, Chief of Finance Administration Branch, Hiroshima Finance Bureau.

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

LIST OF THE MACHINES AND APPARATUS
NECESSARY FOR OUR OPERATIONS

Card Number	Names of Machines	Characteristic	Location	Remark
6				
45-4-3349 45-4-3350 45-4-3379	Flat Mill 1,000			Motor directly connected
	Compressor 1	100 H.P.		Ditto
45-4-2943 45-4-3294	Compressor 1	70 H.P.		Ditto
45-4-2946	Crusher 1			Ditto

OK'd for release on 24 Dec.

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

O

File
Hikari

YAMAGUCHI PREFECTURAL GOVERNMENT
YAMAGUCHI CITY

November 29, 1946

TO : YAMAGUCHI MILITARY GOVERNMENT TEAM

SUBJECT : Transmission of petition

45-4
II

Sirs:

I beg to forward enclosed a petition from Ube Kosan K.K.

Investigation has revealed that they are really in a difficult position.

Therefore, I should be deeply appreciated for any kind measure that you would take for them.

Yours respectfully,

I. Aoyagi

ICHIRO AOYAGI
Governor, Yamaguchi Pref.

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

Ube city Yamaguchi-ken,
November 28, 1946

TO : Commanding Officer,
YAMAGUCHI MILITARY GOVERNMENT TEAM

SUBJECT: Request for extension of term for permitted use of Government property

Sir:

I beg to state that the oil-switch and accessaries (descriptions already reported) located at the 1st transformer sub-station, former Hikari Naval Arsenal permitted by the General Headquarters on June 8, 1946 to be used by us has been made available for production of sulphate ammonium.

However, the granted term for use of the said switch experts on November 30, 1946.

In view of the above, we have been making every effort to obtain a replacement but so far, under the prevailing circumstances, we have not succeeded in ibtaining a one. While we shall continue our efforts, we request that the extension of the term of use be made to ~~May 31, 1947~~ indefinitely.

Yours respectfully,

KAMICHI NAKAYASU
President Nitrogen Plant of
Ube Kosan K.K.
Ube City, Yamaguchi Pref.

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

2000.02 118B

SMGO
EXEC
ADJ
FILE

Ltr, Yamaguchi Detachment, 76th Mil Govt Co, dated 16 May 1946, Subj: "Temporary Use of Reparations Held Property".

AG 004 (MG) 6th Ind. Em 6 AUG 1946

Headquarters Eighth Army, APO 343.

45-4 II

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

1. Attention is invited to the 5th indorsement.

2. The Hiroshima Division of the Japanese Government Railway will be advised that its application for the temporary use of a part of the Hikari Naval Arsenal is approved.

BY COMMAND OF LIEUTENANT GENERAL EICHELBERGER:

8

1-Incl:
n/c

R. Schafer

R. SCHAFER
Lt. Col., AGD
Asst. Adjutant General

Ltr Yamaguchi Detachment, 76th Mil Govt Co, dated 16 May 1946, subj: "Temporary Use of Reparations Held Property".

7th Ind. EBN/ln

CHUGOKU MILITARY GOVERNMENT REGION, HQ& HQ DETACHMENT, APO 317, 12Aug 46

TO: Yamaguchi Military Government Team, APO 317

FOR THE COMMANDING OFFICER:

Elza B Nance

ELZA B. NANCE
Major, Inf
Adjutant

0123

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

BASIC: Ltr Hq, 76th Mil Govt Co, dated 16 May 1946, subj: "Temporary Use of Reparations Held Property."

AG 387.6 (16 May 46)ESS/IN 5th Ind.

GENERAL HEADQUARTERS, SUPREME COMMANDER FOR THE ALLIED POWERS, APO 500, 1 August 1946.

4197 TO: Commanding General, Eighth Army, APO 343.

1. The temporary use of a portion of the Hikori Naval Arsenal, under your custody and control, by Hiroshima Division of the Government Railroad is approved.

2. Proper surveillance will be exercised to insure maintenance of the machinery and equipment in good condition.

By Command of General MacARTHUR:

Incl:
n/c

A J Rehe

A J REHE
Major, AGD
Asst Adj Gen

CEO 659
718

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

HQ. AFPAC
3 JUL 1946
AGO RECORDS

Ltr Hq, 76th Mil Govt Co, dated 16 May 1946, Subj: "Temporary Use of Reparations Held Property".

AG 004 (MG) 4th Ind. Em 3 JUL 1946

Headquarters Eighth Army, APO 343.

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

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

2. Approval of this application is recommended. The operation of a portion of the Hikari Naval Arsenal as a railroad repair yard is considered necessary for restoration of the mimimum civilian economy of Japan.

FOR THE COMMANDING GENERAL:

8

1 Incl:
n/c (trip)

R. SCHAFER
Lt. Col., AGD
Asst. Adjutant General

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

Hq 76th Mil Gp
Ex
Adj
2

Ltr, Yamaguchi Detachment, 76th Mil Govt Hq & Hq Co. dtd 16 May 46, subj: "Temporary Use of Reparations Held Property".

21 JUN 1946

AG 004 (MG) 2nd Ind.

2415 Headquarters Eighth Army, APO 343.

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

Returned for the inclusion of the specific recommendation of the Commanding Officer, 76th Military Government Headquarters and Headquarters Company with reference to subject application.

BY COMMAND OF LIEUTENANT GENERAL EICHELBERGER:

8

1 Incl:
n/c

James H. Nash
JAMES H. NASH
Captain, CAC
Actg. Asst. Adjutant General

3rd Ind WLH/ltn

HEADQUARTERS, 76th Mil Govt Hq & Hq Co, APO 317, Kure, Honshu
27 June 1946.

TO: Commanding General, Eighth Army, APO 343.

1. The properties in question have been inspected by a representative of this Hq.

2. The recommendations made in basic communication appear sound.

3. Approval is therefore recommended.

Murray H. Ellis
MURRAY H. ELLIS
Colonel, Cav
SMGO

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

1st Ind

76TH MILITARY GOVERNMENT HQ & HQ CO, APO 24, Kure, Honshu, 18 May 1946

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

GHQ, AFPAC
JUL 15 1946
AGO RECORDS

1818

JOHN D. MONTGOMERY
1st Lt, TC
Adjutant

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

TO : HEADQUARTERS, 76th MILITARY GOVERNMENT.

SROM : Central Liaison Office, Tokyo.

SUBJECT: Request for Temporary Utilization of Hikari Naval Arsenal up to the Time of Removal for Reparations.

C.L.O. No.113(ECI-F) 22 May 1946

1. The Japanese Government submits hereby a request for temporary utilization of the Hikari Naval Arsenal. The reasons for the request are stated below.

2. The overwork and the damages inflicted by air-raids during the war have reduced the rolling stock to a state of extreme deterioration, and the capacity for repairs, originally insufficient, was made all the more inadequate on account of the war damages, so that the railway reconstruction plan is now facing a serious obstacle.

3. The traffic on the San-yo line showed a marked increase since the opening of the Kanmon Tunnel, with the corresponding increase in the number of cars employed. While it is expected that the railway transportation of Kyushu coal will be continued in the future, there has been no reinforcement of repair capacity to cope with the expected increase of works to be done. As, from the geographical point of view, the new establishment of a repair plant is urgently required in the vicinity of Hikari, it is proposed to convert and utilize the said Arsenal.

4. The subject plant, whose custody, control and protective maintenance was directed by SCAP Memorandum AG 004(20 Jan 46) ESS/GD, fulfils the necessary conditions for the purpose intended, as stated below:

a. The location of the Arsenal between the two Engineering Plants of the Government Railways at Hiroshima and Kokura, offers a favorable condition, both geographically and otherwise.

b. The buildings have sufficient height and solidity and are suited for repair works of rolling stock.

c. The Arsenal has railway sidings, thereby offering facilities to manoruvering the rolling stock.

As there is no civilian plant answering the requirements as above, this Arsenal has been selected for conversion purposes.

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

5. The application in detail of the Ministry of Transportation in subject matter is herewith forwarded and your Headquarters is requested to be good enough to take up the matter and give favorable consideration to this application.

FOR THE PRESIDENT:

(S. Iguchi)
Director of General Affairs,
Central Liaison Office.

Enclosure: An application of Ministry of Transportation.

Copy to : Eighth U.S. Army.

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

Hq 76th MG Co.
SMGO
Ex O.
Adj
V8
6 copies

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

DSB/gtw

GHQ, AFPAC
AGO RECORDS
JUL 1946

Yamaguchi, Japan
16 May 1946

SUBJECT: Temporary Use of Reparations Held Property

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

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

8th ARMY FILE No. AG 004

1. Pursuant to Operational Directive No. 34 Headquarters Eighth Army dated 26 March 1946 the application by the Hiroshima Division of the Government Railroad for use of part of the property of the Hikari Arsenal is hereby submitted.

2. It is contemplated that subject Arsenal will be divided into three sections. One section has already been approved for use by the Takeda Pharmaceutical Company. A second section will be asked for by the city of Hikari as a dock area, and the third section is hereby requested by the Hiroshima Division of the Government Railroad.

3. This area was inspected on 19 April 1946 by a representative of this headquarters, and although the bomb damage is extreme, it is believed that it can soon be readied for locomotive and rolling stock repair work.

4. In view of the critical supply of rolling stock, this headquarters recommends that approval for use of grounds designated in enclosed application be granted to the Hiroshima Division of the Government Railroad.

DANIEL S. BRITTON
Captain, AC
SMGO

1 Incl:
Temporary Utilization of Hikari Navy Arsenal for Government Railway Workshop. (In Quad)

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

APPLICATION FOR CONVERSION OF

and

REPORT ON INDUSTRIAL FACILITIES

TO : ~~Headquarters of the U.S. Eighth Army~~

THROUGH : Central Liaison Office, Tokyo

FROM : General Railway Bureau, Ministry of Transportation

DATE :

CONVERSION PROGRAM

Name and Address of Applicant

Name: General Railway Bureau, Ministry of Transportation

Address: Marunouchi, Kojimachiku, Tokyo

1. Name of factory: Hikari Navy Arsenal

2. Location: Oaza Shimada, Hikari City, Yamaguchi Prefecture

3. History

a. Date of Construction: 1 October, 1940

b. Date of first operation: Unknown

4. Description

a. Principal products

1. wartime: Internal combustion engine, gun barrel, torpedo, steel foundry, bullets, shells and bombs.

2. at present: Not in operation

3. planned for 1946-47: Rolling stock repair

b. Capacity

1. wartime:

Internal combustion engine: No. 42-4, No. 51-30 per month

Gun barrel : 80 per month

Torpedo : 90 "

Steel foundry: 5,000 tons "

Bullets : 10,000 "

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Shells : 10,000 per month

Bombs : 200 "

2. at present: Not in operation but maintaing the machinery, equipment etc. in their best condition

3. 1946-47 (with unristricted access to materials)

General repair of locomotive :	200	per year
" " automobile :	300	"
" " freight car :	700	"
Sectional repair of locomotive:	420	"

Manufacture of loading machine: 6,000 tons (Quantity of material raw) per year

c. Number of employees

1. wartime: 25,000

2. at present: 70

3. 1946-47 (at maximum capacity): 5,000

5. Machineries and equipments on the plant

Description	Quantity	Remarks
Machinery	3,505	Under investigation

6. Present stocks of raw materials, supplies, and unfinished goods

Description	Quantity (at Jan. 1946)	Condition
Steel products	about 11,700 tons	
Steel alloys	" 6,160 "	
Wires, Leads, Zinc and Tins	" 660 "	

7. Present stocks of fuel

None

8. Machineries and equipments needed for maximum production 1946-47

Descriptions	Quantity
Lathe	628
Planing machine	13

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Shaping machine	81
Slotting machine	52
Drilling machine	103
Boring machine	74
Milling machine	169
Gear cutting machine	35
Grinding machine	91
Sawing machine	6
Other machinas tool	3
Air hammer	10
Steam hammer	9
Drop hammer	5
Shearing & Punching machine	8
Press	17
Others	200
Total	1,504

9. Raw materials and supplies needed (monthly)

a. For Present capacity

None

b. For maximum

Description	Quantity
Steel	about 500 tons
Special steel	" 15 "
Pig iron	" 250 "
Non-ferous alloys	" 20 "
Lumber	" 80 cub. meters of logs

10. Fuel needed (monthly) (do not include persent stocks)

Description	Quantity
Coal	about 1,000 tons
Coke	" 600 "

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11. Personnel required (do not include locally available)

None

12. Prices (give current selling prices in Yen of principal products)

Description	Unit	Price
Repair of automobile	1 car	Y. 4,500
" locomotive	"	" 50,000
" freight car	"	" 2,000

13. Outline sketch of plant

Shown in the accompaning chart

None

14. Remarks

Since the opening of the underground tunnel between Shimonoseki and Moji to traffic, the volume of goods carried on the Sanyo Line has repidly swellen with the resultant increase in the number of cars operated in the San-yo districts. As, however, the capacity of repairing the rolling-stock is not commensurate thereto, confusion has occurred in transportation. It is expected that a fairly large quantity of Kyushu coal will continue to be carried by rail in the future, and, in order to remove the existing bottleneck in transportation, increased rolling-stock repairing capacity is essential. Such being the case, it is planned to convert the arsenal under notice for use for the repair of the rolling-stock, having regard to the local distrubution of repairing establishments.

Note: Because of the lock of a locomotive repairing plant in the districts concerned (west of Hiroshima) the repair of locomotives has

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hitherto been made by the Kokura Workshop of the Moji Railway Division.

15. Certification by applicant

I certify that the information contained herein is true to the best of my knowledge and belief

Signed: E. Sato E. Sato

Title: Director,
General Railway Bureau
Ministry of Transportation

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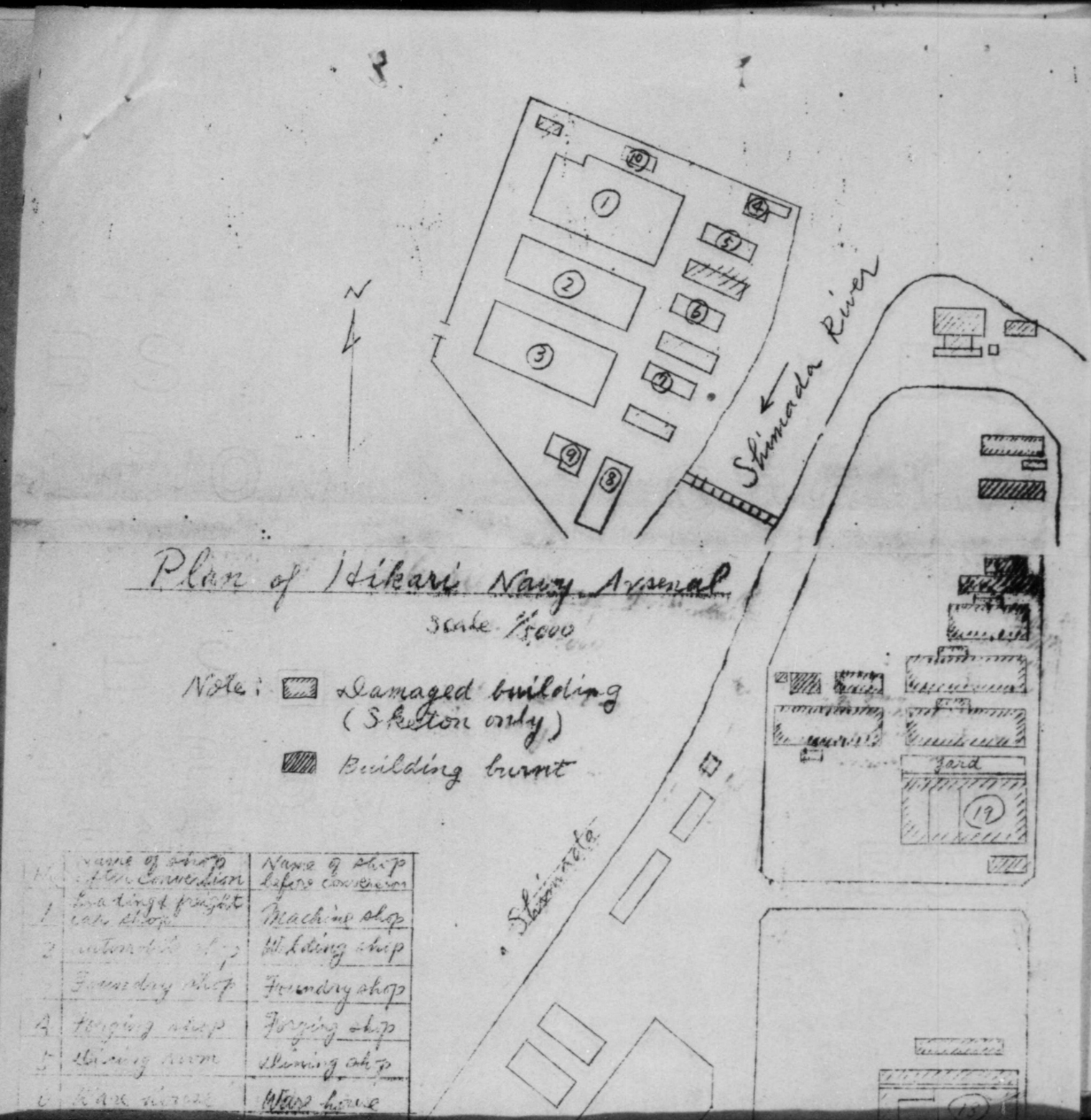

No.	Name of shop after Conversion	Name of shop before conversion
1	Loading & freight car shop	Machine shop
2	Automobile shop	Welding shop
	Foundry shop	Foundry shop
4	Forging shop	Forging shop
5	Shoeing room	Shoeing shop
6	Kiln room	Wood house

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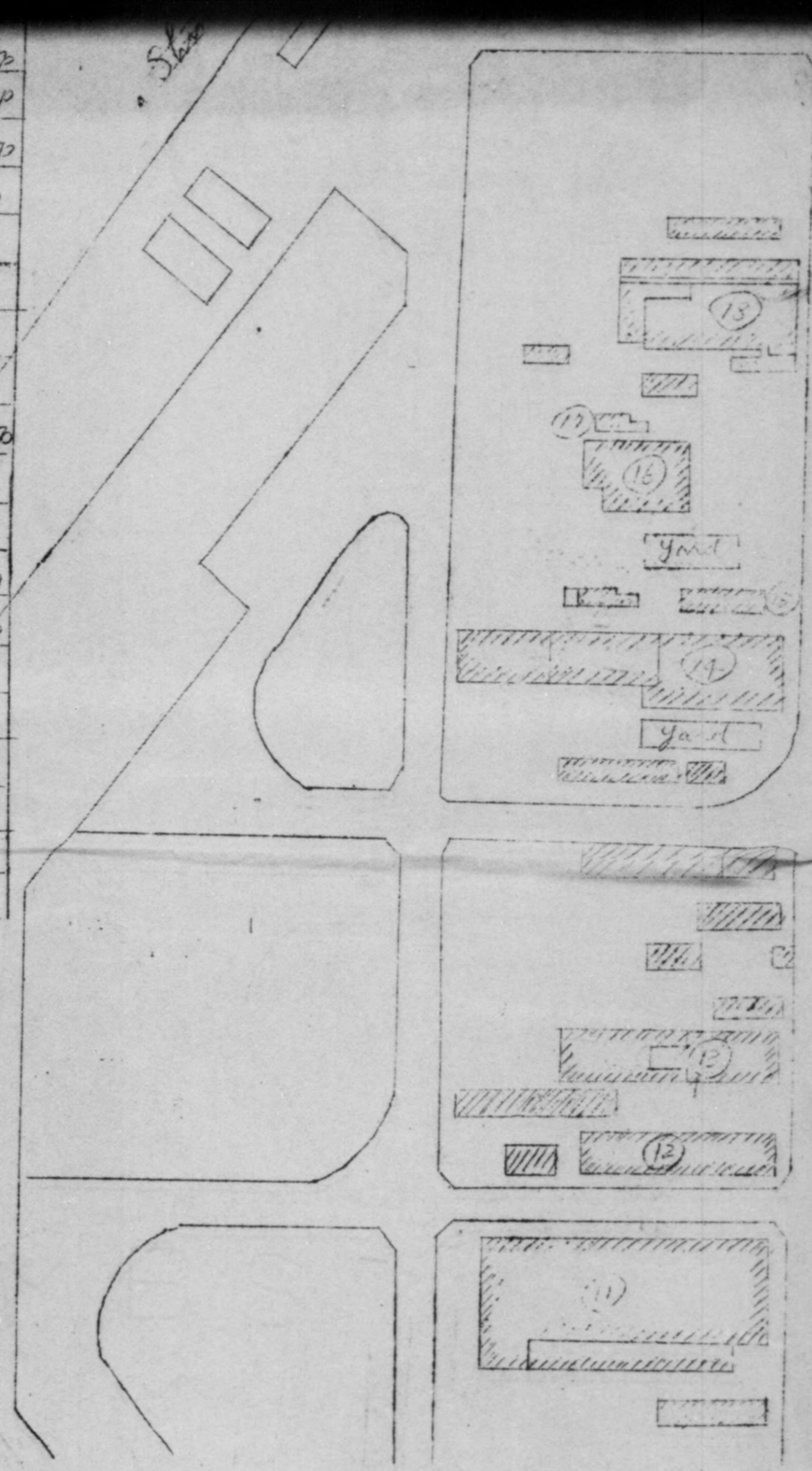
1	[illegible]	Machine shop
2	automobile shop	Welding shop
3	Foundry shop	Foundry shop
4	Forging shop	Forging shop
5	Shining room	Shining shop
6	Raw house	Ware house
7	Raw house	Ware house
8	Pattern shop	Pattern shop
9	Foundry shop	Foundry shop
10	Tool shop	Tool shop
11	Testing & machine shop	Cannon shop
12	Foundry shop	Foundry shop
13	Foundry work shop	Foundry shop
14	Forging shop	Forging shop
15	Boiler room	Boiler room
16	Forging shop	Forging shop
17	Gas producer	Gas producer
[illegible]	Steel shop	Steel shop
[illegible]	Electric steel shop	Electric steel shop



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

SUBJECT: Temporary utilization of Hikari Navy Arsenal for Government Railway Workshop.

TO : Yamaguchi Detachment, 76th Military Government Haedquarters.

From : Chief of State Property Bureau, Ministry of Finance and Chief of Material Bureau, General Railway Bureau Ministry of Transportation.

Sir:

The Ministry of Finance and the Ministry of Transportation have made a close investigation and come to a conclusion that it is the best means at present and good for stabilization of people, to utilize the facilities of the former military arsenal for repairing the rolling stocks that are under severe service inspite of their worst conditions as described in attached sheets.

This measure will naturally follow logical consequence of maintaining the machinary, equipments, etc. in their best condition in comformity with your directive.

We therefore, submit the recommendation requiring your office to investigate the application and grant permission for temporary utilization of facilities in the above captioned arsenal.

Respectfully yours,

Chief of State Property Bureau,
Ministry of Finance,
H. Kato

Chief of Material Bureau,
General Railway Bureau,
Ministry of Transportation.
S. Taga

Copy

SUBJECT: Temporary Utilization of Hikari Navy Arsenal for Government Railway Workshop.

TO : Yamaguchi Detachment, 76th Military Government, Headquarters

FROM : Hiroshima Railway Division Office, Government Railway.

DATE : 14, May 46.

The Director of Hiroshima Railway Division Office begs to inform you that this application is drafted with the desire to utilize the Hikari Navy Arsenal as a temporary rolling stock repair works.

The detail of this utilization is as follows:

1. Place and buildings which we desire to use:

Inside of redline as shown on the charts.
(please refer to accompanying charts)

2. No. of machines, we desire to use.

	Date of Commencing Operation	No. of Machine Tools	No. of other Machines	TOTAL
1st Term	Immediately	190	40	230
2nd Term	After completing Building			

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1. Place and buildings which we desire to use:

Inside of redline as shown on the charts.
(please refer to accompanying charts)

2. No. of machines, we desire to use.

	Date of Commencing Operation	No. of Machine Tools	No. of other Machines	TOTAL
1st Term	Immediately	190	40	230
2nd Term	After completing Building and Road	1,065	209	1,274
TOTAL		1,255	249	1,504

Refer to:

1. Ministry of Transportation, Finance Bureau
   Subject:
   Temporary Utilization of Hikari Navy Arsenal for Government Railway Workshop.

2. Ministry of Transportation
   Application for conversion.

Signed _____

Yasushi Obata,
Director,
Hiroshima Railway
Division Office.

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

SUBJECT: Temporary Utilization of Hikari Navy Arsenal for Government Railway Workshop.

TO : Yamaguchi Detachment, 76th Military Government Headquarters.

FROM: Chief of State Property Bureau, Ministry of Finance and Chief of Material Bureau, General Railway Bureau Ministry of Transportation.

Sir:

The Ministry of Finance and the Ministry of Transportation have made a close investigation and come to a conclusion that it is the best means at present and good for stabilization of people, to utilize the facilities of the former military arsenal for repairing the rolling stocks that are under severe service inspite of their worst conditions, as described in attached sheets.

This measure will naturally follow logical consequence of maintaining the machinery, equipments, etc. in their best condition in comformity with your directive.

We therefore, submit the recommendation requiring your office to investigate the application and grant permission for temporary utilization of facilities in the above captioned arsenal.

Respectfully yours,

H. Kato
Chief of State Property Bureau,
Ministry of Finance

S. Taga
Chief of Material Bureau,
General Railway Bureau,
Ministry of Transportation.

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APPLICATION FOR CONVERSION OF
AND
REPORT ON INDUSTRIAL FACILITIES

TO : Headquarters of the United States Eighth Army.

THROUGH: Central Liaison Office, Tokyo.

FROM : General Railway Bureau, Ministry of Transportation.

DATE :

CONVERSION PROGRAM

Name and Address of Applicant.

Name: General Railway Bureau, Ministry of Transportation.
Address: Marunouchi, Kojimachiku, Tokyo.

1. Name of Factory:
   Hikari Navy Arsenal

2. Location:
   Oaza Shimada, Hikari City, Yamaguchi Prefecture

3. History:
   a. Date of construction -- 1 October 1940

   b. Date of operation -- unknown

4. Description:
   a. Principal products

Name: General Railway Bureau, Ministry of Transportation.
Address: Marunouchi, Kojimachiku, Tokyo.

1. Name of Factory:
   Hikari Navy Arsenal

2. Location:
   Oaza Shimada, Hikari City, Yamaguchi Prefecture

3. History:
   a. Date of construction -- 1 October 1940

   b. Date of operation -- unknown

4. Description:
   a. Principal products

      1. Wartime:
         Internal combustion Engine, Gun Barrel, Torpedo, Steel foundry, Bullets, Shells and Bombs.

      2. At present:
         Not in operation

      3. Planned for 1946-47:
         Rolling stock repair

   b. Capacity

      1. Wartime:

Internal combustion Engine:		
No. 42-4	No. 51-30	per month
Gun Barrel	-------	80 per month
Torpedo	-------	90 per month
Steel foundry	-------	5,000 tons per month
Bullets	-------	10,000 per month
Shells	-------	10,000 " "
Bombs	-------	200 " "

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2. At present:
   Not in operation but maintaining the machinery, equipment etc. in their best condition.

3. 1946-47 (with unrestricted access to materials)

General repair of locomotive	--- 200	per year
General repair of automobile	--- 300	" "
General repair of freight car	---- 700	" "
Sectional repair of locomotive	--- 420	" "
Manufacture of loading machine	---6000	tons
(quantity of material raw per year)		

c. Number of employees:

1. Wartime --- 25,000

2. At present --- 70

3. 1946-47 (at maximum capacity) 5,000

5. Machineries and equipments on the plant:

Description	Quantity	Remarks
Machinery	3,505	Under investigation

6. Present stocks of raw materials, supplies, and unfinished goods:

Description	Quantity (at Jan. 1946)
Steel products	about 11,700 tons
Steel alloys	" 6,160 "
Wires, Leads, Zincs, and Tins	" 660 "

7. Present stocks of fuel:
   None

5. Machineries and equipments on the plant:

Description	Quantity	Remarks
Machinery	3,505	Under investigation

6. Present stocks of raw materials, supplies, and unfinished goods:

Description	Quantity (at Jan. 1946)
Steel products	about 11,700 tons
Steel alloys	" 6,160 "
Wires, Leads, Zincs, and Tins	" 660 "

7. Present stocks of fuel:
None

8. Machineries and equipments need for maximum production 1946-47:

Descriptions	Quantity
Lathe	628
Planing machine	13
Shaping "	81
Slotting "	52
Drilling "	103
Boring "	74
Milling "	169
Gear Cutting Machine	35
Grinding machine	91
Sowing	6
Other machine tools	3
Air hammer	10
Steam "	9
Drop "	5
Shearing and pinching machine	8
Press	17
Others	200
TOTAL	1,504

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9. Raw materials and supplies need (monthly)

a. For present capacity:

None

b. For maximum:

Description	Quantity
Steel ----------	about 500 tons
Special steel ---------	" 15 "
Pig iron ----------	" 250 "
Non-ferrous alloys ----	" 20 "
Lumber ----------	" 90 cub. meters of logs

10. Fuel needed (monthly)

Description	Quantity
Coal ----------	about 1,000 tons
Coke ----------	" 600 "

11. Personnel required (do not include locally available)

None

12. Prices (give current selling prices in yen of principal products)

Description	Unit	Price
Repair of automobile	1 car	¥ 4,500.
Repair of locomotive	1 "	¥50,000.
Repair of freight car	1 "	¥ 2,000.

13. Outline sketch of plant shown in the accompanying chart:

None

14. Remarks:

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11. Personnel required (do not include locally available)
None

12. Prices (give current selling prices in yen of principal products)

Description	Unit	Price
Repair of automobile	1 car	¥ 4,500.
Repair of locomotive	1 "	¥50,000.
Repair of freight car	1 "	¥ 2,000.

13. Outline sketch of plant shown in the accompanying chart:
None

14. Remarks:

Since the opening of the underground tunnel between Shimonoseki and Moji to traffic, the volume of goods carried on the Sanyo Line has rapidly swellen with resultant increase in the number of cars operated in the Sanyo districts. As, however, the capacity of repairing the rolling-stock is not commensurate thereto, confusion has occurred in transportation. It is expected that fairly large quantity of Kyushu Coal will continue to be carried by rail in the future, and, in order to remove the existing bottleneck in transportation increased rolling-stock repairing capacity is essential. Such being the case it is planned to convert the arsenal under notice for use for repair of the rolling-stock, having regard to the local distribution of repairing establishments.

NOTE:

Because of the lack of a locomotive repairing plant in the districts concerned (west of Hiroshima) the repair

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of locomotives has hitherto been made by the Kokura Workshop of the Moji Railway Division.

15. Certification by applicant:

I certify that the information contained herein is true to the best of my knowledge and belief.

Signed

_____

Director E. Sato
General Railway Bureau
Ministry of Transportation

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

File. Phosphorus Division of Government & RR

SMGO
EXEC
ADJ
FILE

Ltr, Hq Yamaguchi Mil Govt Team, dated 15 July 1946, Subj: "Letter this headquarters dated 16 May 1946".

AG 004.04 (MG) 2nd Ind. Em 26 JUL 1946

Headquarters Eighth Army, APO 343.

45-4
II

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

1. Letter referred to in paragraph 1 of the basic communication was forwarded to the Supreme Commander for the Allied Powers by 4th Indorsement this headquarters, file AG 004 (MG), dated 3 July 1946.

2. The Supreme Commander for the Allied Powers has advised that a decision will be rendered on this application in the near future.

BY COMMAND OF LIEUTENANT GENERAL EICHELBERGER:

1 Incl:
n/c

R. SCHAFER
Lt. Col., AGD
Asst. Adjutant General

3rd Ind JRF/ltn

CHUGOKU MILITARY GOVERNMENT REGION, HEADQUARTERS AND HEADQUARTERS DETACHMENT, APO 317, Kure, Honshu, 30 July 1946.

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

For your information. (TEMPORARY USE OF REPARATIONS)

BY ORDER OF LIEUTENANT COLONEL SPRINGER:

JAMES R. FRANCISCO
1st Lt., Inf.
Adjutant

1 Incl:
n/c

L 101
202

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

SMGO
Ex O
Adj

M.G.

HEADQUARTERS
YAMAGUCHI MILITARY GOVERNMENT TEAM
APO 317, Yamaguchi Honshu

GEB/arw

3529

Yamaguchi, Japan
15 July 1946

8TH ARMY FILE No. AG 004.04

SUBJECT: Letter this headquarters dated 16 May 1946

THROUGH: Commanding Officer, Chugoku Military Government Region Hq & Hq Detachment, APO 317

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

1. The Letter, Subject: Temporary use of Reparations, in favor of the Hiroshima Division of the Government Railway was sent forward from this headquarters on 16 May 1946. To date, no reply has been received.

2. Copy of letter mentioned in previous paragraph is attached herewith for your convenience. Could information concerning its whereabouts be forwarded to this headquarters?

FOR THE COMMANDING OFFICER:

G. E. Byers
G E BYERS
1st Lt, FA
Mil Govt Officer

1st Ind.

GMB/ln

CHUGOKU MILITARY GOVT REGION, HQ & HQ DET., APO 317, 19 July 1946

TO: Commanding General, Eighth Army, APO 343

1. Forwarded.

FOR THE COMMANDING OFFICER:

202
635 260 191

Carl P. Mayer
CARL P. MAYER
Major, FA
Executive Officer

1 Incl: n/c

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

COPY

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

DSB/arw

Yamaguchi, Japan
16 May 1946

SUBJECT: Temporary Use of Reparations

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

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

1. Pursuant to Operational Directive No. 34 Headquarters Eighth Army dated 26 March 1946 the application by the Hiroshima Division of the Government Railroad for use of part of the property of the Hikari Arsenal is hereby submitted.

2. It is contemplated that subject Arsenal will be divided into three sections. One section has already been approved for use by the Takeda Pharmaceutical Company. A second section will be asked for by the city of Hikari as a dock area, and the third section is hereby requested by the Hiroshima Division of the Government Railroad.

3. This area was inspected on 19 April 1946 by a representative of this headquarters, and although the bomb damage is extreme, it is believed that it can soon be readied for locomotive and rolling stock repair work.

4. In view of the critical supply of rolling stock, this headquarters recommends that approval for use of grounds designated in enclosed application be granted to the Hiroshima Division of the Government Railroad.

DANIEL S. BRITTON
Captain, AC
SMGO

1 Incl:
Temporary Utilization of Hikari Navy Arsenal for Government Railway Workshop. (In Quad)

202
635 Incl #1 191

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

1333.0 44

IMPERIAL JAPANESE GOVERNMENT

To : HEADQUARTERS OF THE 76TH M. G. CO., U. S. ARMY.
From : JAPANESE GOVERNMENT. (FINANCE MINISTRY)
SUBJECT : Utilization of a part of the Hikari Naval Arsenal.

26th February, 1946.

45-4
II

1. The Japanese Government hereby submits to the Headquarters of the 76th M. G. CO., United States Army an application for the utilization of a part of the Hikari Naval Arsenal concerning the SCAP Directives of AG 440 (28 Jan. 46) "Manufacture of Medical Supplies and Equipment" and AG 720 (4 Feb. 46) "Diphtheria control".

2. The Japanese Government, in the light of the grave health situation of the country brought about by drug famine, believes that the present utilization plan is one of urgent importance, deserving of unreserved commendation, by reason of the following consideration (especially a part of the Hikari Naval Arsenal which is involved in this plan seems to lie practically outside the scope of the SCAP Directive of AG 004 (20 Jan. 46) ESS/GD).

a. Owing to the destruction of many pharmaceutical plants (damaged 32%) during the war and to other causes, Japan is faced by an acute shortage of medicine supply, which coupled with the scarcity of food, clothing and housing, presents an alarming prospect for the future of national health. It is especially necessary to keep strict guard against epidemics, which have already come to show signs of spreading in the Kansai District. The present plan aims at the manufacture of anti-diptheric serum, typhoid and other vaccines, and staphylococcus and other toxoids, which are in great need. In fact, a speedy expansion of their production is desired by the Public Health and Welfare Section of the General Headquarters for the Allied Powers (concerning above-mentioned SCAP Directives).

b. Among the installation of the Hikari Naval Arsenal, which have survived bombing and can be used, there are in its western section, steel, machinery and gun-barrel plants, for whose conversion into rolling-stock factories, and application has been filed by the Ministry of Transportation. The eastern section of the arsenal, which is involved in present plan for pharmaceutical factories, contains office buildings, dormitories, mess halls, and other auxilliary installations, beside the torpedo plants. Most of these torpedo plants, however, have been bombed out almost beyond recongnition so that their disposition seems to lie practically outside the scope of the conversion of a military arsenal.

In any case it shold be noted that what is required under the present plan is principally the use of the land and buildings. Even if the few pieces of machinery that remain shold be removed as reparation items, it would not interfere with the execution of the plan.

c. The former naval arsenal as a most desirable site for the proposed pharmaceutical establishment has the following qualification.

(I) The arsenal is located in the Chugoku District where no

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IMPERIAL JAPANESE GOVERNMENT

Factory exists for the manufacture of medicine, preventive or curative, of microbic diseases, and the need has long been keenly felt for a plant such as is proposed under the present plan.

(I) It possesses the absolutely essential qualifications for a manufactory of microbic medicines--namely, pure air, good water and also a spacious lan suitable for keeping animals which are indispensable to the manufacture of serums and vaccines. Moreover, the production of salt is also possible.

The Hikari Naval Arsenal offers thus an ideal site with natural and geographical advantages unequaled elsewhere.

3. It is earnestly desired that the Headquarters of the 76th M. G. CO., United States Army, would be good enough to approve the application and turn over the buildings and equipment of the said arsenal for the above mentioned purpose as soon as possible.

The Japanese Government charged the Takeda pharmaceutical Industries Ltd., with the practise of the present plan.

FOR THE MINISTER OF FINANCE:

H. KATO. H. Kato.
Chief of State Property Bureau,
Ministry of Finance.

ENCLOSURE: Particulars of the Application.

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

Permission granted for two machines

To: Military Government Officer,
YAMAGUCHI

45-4
II

Subject: A petition for the permission to reinstall the machines of the former Hikari Naval Arsenal.

Sir:

I, the undersigned, am responsible for the management of SHINKO SANGYO KABUSHIKI KAISHA. The factory of said company has been authorized to operate by the 37th Military Government, Yamaguchi, on the 21st of November, 1945, having being converted from producing military commodities to manufacturing essential civilian consumer commodities, namely, "Flour-milling machines for household use" and "Fans for charcoal burning buses," utilizing the machines that had been put in my charge by the former Hikari Naval Arsenal.

On the 8th of March this year, we have received a strict order from the chief representative at Hikari of the Hiroshima Financial Bureau, Yamaguchi Branch Office, to the effect that all machines which were placed in civilian custody by the former Hikari Naval Arsenal are to be returned before the 30th of March.

Although, the return of these machines would cause discontinuance of works in the factory and consequently would bring the business to a standstill, most of the machines in my custody were returned as specified on an annexed paper. The order was an explicit one.

Then, on the 30th of March, I received a notice from said representative of the Hiroshima Financial Bureau, Yamaguchi Branch Office. The notice stated that as a result of consultations with the new Military Government Officer stationed at Yamaguchi, it has been decided that, although it is provisionally, such machines which are intended to be used in future or being used at

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

present are permitted to be retained by the trustees and continued to be used by them. Also, that the return of such machines is to be temporary suspended.

So, as my factory has been obliged to discontinue its works on account of necessary machines being returned, I applied to the authority of the Financial Bureau for the reinstallation of two sets of "gear hobbing machine".

In reply to the above application, the authority said that machines which were already returned could not be given back unless there is an authorization from the Military Government of the Allied Occupation Force.

Much repairs have been done to the abovementioned "gear hobbing machine" and also a "gear-hob" has been newly attached to it at my expense, after which the machines have been operated for a short time. For such reasons I suffered a considerable loss; besides my factory can no more manufacture or repair fans for charcoal burning buses.

May I hope that you will kindly give your attention to the above and, taking the circumstances into consideration, permit the reinstallation of two sets of aforesaid "gear hobbing machine" in my factory.

Respectfully yours,

(MASAHIKO OBA)
Manager,
Shinko Sangyo Kabushiki Kaisha,
No. 1171 Higashisabarei,
Hofu-shi,
Yamaguchi-ken.

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Particulars of the Machines

Name of Machine	Type and Size	No.	Whether returned or not	Remarks
Unit power		7	Returned	
Screw lathe	6'	1	"	
Vertical milling machine	½ HP	1	"	
Exceptional attachment milling machine	½ HP	1	"	
#3 Vertical milling machine	3 HP	1	Not yet	
Lathe		1	Returned	
Extra lathe		10	"	
(Ikegai) Gear hobbing machine	2 HP	1	"	Wish very much to reinstall
(Hamai) Gear hobbing machine	1 HP	1	"	Wish very much to reinstall
Slatting machine	1 HP	1	Not yet	

- - - - - -