

Dominion's Output of Munitions, Arms and Equipment Reaches Amazing Totals as Busy Workers Step Up Ceaseless Production to Bring Downfall of Enemies

Having completed the organization and construction phases of the war effort, Canada entered 1942 in the final stages of the economic war effort with a substantial and rapidly increasing output of munitions.

The actual value of production delivered by the department of munitions and supply alone during the last two and a half years equals the gross value of the products of the entire Canadian manufacturing industry in the year 1934—and these deliveries do not include the greatly enlarged supplies of timber, metals and agricultural and other materials which the Dominion has furnished Britain since the beginning of the war. Moreover, while the total deliveries by the department have reached these great totals, as much more again is on order; and day-by-day production and deliveries continue to gain increasing momentum.

GREAT PRODUCTION

Ranging from the smallest pyrotechnics to heavy bombers, from shell fuses to infantry tanks, from rifles to heavy guns, some of the more important munitions now being produced in Canada may thus be summarized:

Ships:
 Cargo boats, 2 types
 Minesweepers, 5 types
 Corvettes
 Motor torpedo boats
 Patrol boats
 Special service ships
 Small boats, 12 types
 Conversion of vessels to war needs
 Boilers, generators, binnacles, and general marine equipment

Guns:
 25-pounder field guns, with equipment, trailers and tractors
 Bofors anti-aircraft gun barrels
 Bofors anti-aircraft guns, mountings, equipment, and predictors
 3.7-inch anti-aircraft gun barrels
 3.7-inch anti-aircraft guns complete with equipment
 Tank guns and mountings, 2 types
 Anti-tank guns, 2 types
 Anti-tank gun carriages
 2-inch trench mortars
 3-inch trench mortars
 Bren guns
 Browning aircraft machine guns
 Lee-Enfield rifles
 Safety fuze pistols
 12-pounder naval guns
 4-inch naval guns
 Naval gun mountings, 9 types
 Depth charge throwers
 4-inch smoke dischargers
 Sten machine carbines
 Boys anti-tank rifles
 Bomb throwers

Ammunition:
 Small arms ammunition, 11 types of 5 calibres
 Shells, 18 types
 Cartridge cases, 13 types
 Fuzes, 7 types
 Gaines, 2 types
 Primers, 5 types
 Percussion tubes, 2 types
 Tracers
 500-lb. aerial bombs
 Practice bombs
 Depth charges, 2 types
 Anti-tank mines, 2 types
 Pyrotechnics of 50 basic kinds for aerial, field, naval, and practice uses
 Trench mortar bombs, 10 types
 Filled rounds of ammunition, bombs, and depth charges
Chemicals and Explosives:
 Chemicals, 12 types
 Explosives, 8 types

Aircraft:
 Training planes, 8 types
 Service planes, 3 types
 Link trainers

Tanks:
 Cruiser tanks (Ram)
 Infantry tanks (Valentine)

Vehicles:
 Universal carriers
 Wireless trucks, 3 types
 Ambulances, 4 types
 Field workshops, 12 types
 Fire trucks, 3 types
 Military tires of many types
 Army mechanized transport, 90 types on 12 different chassis
 Reconnaissance cars
 Scout cars
 Armoured cars
 Other fighting vehicles

Miscellaneous:
 Armour plate
 Clothing and boots for Navy, Air Force, Women's Auxiliary Corps
 Refugee and internment clothing
 Personal equipment
 Sighting and optical instruments, 30 types
 Special military and naval instruments, 14 types
 Binoculars, 2 types
 Radiolocators
 Wireless equipment for the three services
 Gas masks, 2 types
 Steel helmets
 Parachutes, 3 types
 Flare parachutes, 4 types
 Minesweeping gear, 3 types
 Technical naval equipment
 Life saving apparatus
 Searchlights, 9 types
 Smoke generators, 6 types
 Marine smoke floats
 Hospital equipment and supplies
 Gas decontamination suits and equipment
 Military furniture and forms
 Fire hose
 Asbestos rescue suits and fire smothering blankets
 Steel ammunition boxes, 16 types
 Wooden ammunition boxes and containers
 Machine tools, 4 general types in hundreds of sizes
 Gauges of many thousands of types
 Bren gun tripods
 Anti-submarine equipment

RAISE RAW MATERIALS

In addition to creating the capacity to furnish these munitions, Canada has also expanded sharply its capacity to provide raw materials required to feed its munitions plants, now the largest industrial effort in the Dominion. These raw materials and semi-finished products include brass, armour plate, steel, alloy steel, optical glass, aluminum, base metals, and virtually all the raw materials available in this country suited to war purposes.

In addition to production, the department has let some 2,700 contracts for construction projects involving an expenditure of some \$235,000,000. These figures include the erection of buildings for the navy, army and air force, various defence projects, some new plants and plant extensions; but they do not include the cost of constructing more than 100 air fields, housing facilities for workers, and the vast majority of the additional plant facilities which have been created by the department.

Work is in progress, and in most instances far advanced, leading to the production of the following equipment:

100-round Bren magazines
 Naval Vickers guns
 Naval pom-poms
 4-inch naval guns, second type
 Naval mountings, 3 types
 A third type of large AA barrels

Browning tank type machine guns
 Secret equipment and weapons of various types
 4 new types of service planes
 Gun carriages, 2 types

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149
 WAR
 EUROPEAN
 1939
 CANADA
 MUNITIONS