

Lockheed Petroleum Services Ltd (wellhead cellars for sub-sea oil well drilling and exploration), plus many other companies and a variety of manufactured items.

Keywords: 12 = Machining; Extended Length Machining = 12; Metalworking = 12; Heat Treating = 12; Coating Specialized = 12; Precision Machining = 12; Stamping = 12; Tooling Fabrication = 12; Die Fabrication = 12; Titanium = 12; Mechanical Assembly = 12; Hydraulic Assembly = 12; Repair Capability = 12.

Revised: Dec 83

ENCHEM DEVELOPMENT Inc

Code: ENC

Address: 509 - 2024 Fullerton Avenue
North Vancouver, BC, Canada V7P 3G4

Contact: Dr Gerald B Porter, President - (604) 922-3844

History: The company was established in Nov 80 for scientific research and development in chemical energy and related fields of chemistry.

Capability: The company's expertise resides in Dr Porter. Until his resignation in Aug 81, Dr Porter was a Full Professor of Chemistry at the University of British Columbia. His basic research program in photochemistry there during the past 25 years has resulted in over 60 scientific publications. This work is being continued on a part-time basis, funded by the Natural Science and Engineering Council of Canada and Enchem.

Laboratory facilities are rented from Simon Fraser University and UBC in the greater Vancouver area. Research and development will be undertaken in applications of photochemistry, and in conversion of chemicals to other forms of energy and vice versa.

Average Work Force: Professionals - 1
Technicians - 1

Gross Sales: 1982 - \$50,000
1983 - \$60,000

Equipment: All laboratory equipment of the Department of Chemistry at Simon Fraser University and UBC is available to Enchem. This includes mass spectrometers, NMR, visible-uv spectrometers. Analytical services by Canadian Microanalytical and equipment construction by Sciema Technical Services, both in the Vancouver area.

Experience: The company has a current contract with the Canadian Federal Government for solar energy developmental work and for analytical work on plastics. Dr Porter's experience is in inorganic photochemistry and photophysics, spectroscopy and kinetics, using lasers of various types and highly sensitive detection systems. He is a cooperative user of a picosecond laser facility in Montreal at Concordia University. Enchem is also involved in a project on cyanide/gold mining.

Keywords: 4 = Chemistry; 8 = Energy; 11 = Lasers; 20 = Miscellaneous; Inorganic = 4; Photochemistry = 4, 8, 11; Photophysics = 8, 11; Energy Conversion = 8; Thermodynamics = 4; Studies = 4, 8, 20; Research = 4, 8, 20; Spectroscopy = 4, 8, 11, 20; Kinetics = 4, 11; Analytical Chemistry = 4.

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ENHEAT Inc (Aircraft Division)

Code: ENH

Address: 1 Lusby St
Amherst, Nova Scotia, Canada B4H 3Y7

Contact: Mr. D I Sweetapple, VP & Gen Manager -
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History: Enheat Inc, Aircraft Division, is a high technology aircraft component manufacturing, repair and overhaul facility founded in 1952 by Enamel & Heating Products Ltd of Sackville, New Brunswick, Canada. It was originally owned by Rhodes & Curry Ltd, an Amherst based company, who sold it to Candian Car & Foundry Ltd of Montreal, Quebec. These companies manufactured railway wheels and cars for over 60 years prior to the Second World War.

Canadian Car & Foundry started an aircraft plant in 1940. Until the end of the war in 1945, the Canadian Anson was manufactured as well as many other types and makes of aircraft. Enamel & Heating Products Ltd changed its name to Enheat Ltd in 1972 and Enheat Inc in 1980.

Capability: Enheat Inc, Aircraft Division, is a high technology aircraft component manufacturing and repair & overhaul facility.

Average Work Force: Engineers - 2
Quality Control - 11

Gross Sales: 1980 - \$ 8.64M
1981 - \$11.05M
1982 - \$ 7.84M
1983 - \$ 7.00M

Equipment: Enheat Inc employs the following equipment: Auto-clave, drying ovens, temperature controlled layup room; process room, paint shop; brakes, presses, routers, rolls, shears; drophammers, stretch forming machines, lathes, millers, planers, jig borers; and grinders, dimplers, miscellaneous small and hand tools.

Experience: Enheat has 31 years of experience with major aircraft companies of North America. Present customers include: Canadian Department of National Defense, Boeing Airplane Co, Lockheed California Co, McDonnell Douglas Aircraft Co, Grumman Aerospace Co, Fleet Industries Ltd, The deHavilland Aircraft of Canada Ltd, and Canadair Ltd.

Keywords: 1 = Aircraft; 12 = Machining; 20 = Miscellaneous; Bonded Components (Metal) = 1, 12, 20; Bonded Components (Composite) = 1, 20; Repair & Overhaul = 1; Airframe Components = 1; Aircraft Components = 1.

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ENVIRONMENTAL APPLICATIONS GROUP Ltd

Code: EAG

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