

GROSS SALES: 1986 - \$1.9M
1987 - \$2.1M

PLANT SIZE: MCS is housed in a modern 15,000 sq ft plant (expandable to 40,000 sq ft on current site). The plant is well equipped with a variety of computers, test equipment and production equipment.

KEYWORDS: Adaptive Receivers; Automated Monitoring & Control; Build-To-Print; Communications; Communications Simulators; Data Acquisition; Data Processing; Digital Communications; Digital Modems; Electronic Warfare; Ground Stations; HF Adaptive Antenna Arrays; HF Communications; HF Modems; Jamming; Modems; R&O (Electronics); Radar; Radio Communications; Satellite Communications; Signal Identification Systems; Signal Processing; Spectrum Analysis; Spread Spectrum Modems; Synthesizers; Systems Design; Telecommunications; Terminals; Test Instrumentation; Testing/Test Equipment; UHF & S-Band Telemetry Trans; Voice Privacy Communications.

REVISED: January 88

MOLI ENERGY Ltd

ADDRESS: 3958 Myrtle Street
Burnaby, British Columbia, Canada
V5C 4G2

CONTACT: Mr S Newton Hockey, Business Development Manager
- (604) 437-6927

HISTORY: Moli Energy was formed in 1977 and initially was a privately owned research and development company. In 1986, it became a public corporation with shares trading on the Toronto Stock Exchange. The company operates out of two locations - an R&D and Marketing office in Burnaby, and a manufacturing plant in Maple Ridge, British Columbia.

CAPABILITY: Moli Energy Ltd is the world's leader in rechargeable lithium battery technology. The MOLICEL* battery, like other rechargeable batteries, is capable of being recharged hundreds of times. It is competing with Ni-Cd and lead acid rechargeable batteries and also with alkaline and lithium primary cells in those applications where cost effective operation is important.

The MOLICEL product offers distinct advantages over these other types of batteries:

- The higher energy density and high voltage of the MOLICEL rechargeable lithium battery make it the ideal power source for electronic devices.
- The batteries exhibit excellent charge retention and reliability and do not exhibit any memory effect problems.
- The sloping voltage profile during discharge allows measurement of the state-of-charge of the battery.
- The MOLICEL battery has set new standards of safety and is designed to operate over a wide range of environmental conditions.

AVERAGE WORK FORCE: Engineers & Scientists - 40
Others - 140

GROSS SALES: 1988 - \$5.0M (Est'd)

PLANT SIZE: 80,000 Sq Ft (Manufacturing)
30,000 Sq Ft (R&D and Admin)

EQUIPMENT: The most up-to-date lithium battery plant in the world consisting of electrolyte preparation plant with computerized process control, molybdenum sulfide cathode line, fully equipped dry room with automatic winders and assembly equipment.

EXPERIENCE: Moli Energy Ltd has been supplying the US Military and other customers from a pilot plant since 1985. Cells have been provided for test and evaluation as well as for small scale production devices. Research and development contracts have been received

from the US Army (Ft Monmouth), Department of National Defence (Ottawa), Transport Canada, and Boeing Aerospace. The new manufacturing plant was officially opened on 18 Sep 1987 and is gearing up for an ultimate capability of producing 33 million "AA" size cells per year.

KEYWORDS: Batteries; Rechargeable Batteries; Lithium Batteries.

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MONTREAL PRECISION CRAFTING Ltd

ADDRESS: 797 Lajoie
Dorval, Quebec, Canada
H9P 1G7

CONTACT: Mr Gerry Mancini, President - (514) 636-0823

HISTORY: Montreal Precision Crafting Ltd is a Canadian-owned machine shop that performs both industrial and aircraft machine work. It has been in existence since 1969.

CAPABILITY: Montreal Precision Crafting Ltd performs highly technical work and designing for all types of commercial and aircraft work. MPC is engaged in all types of manufacturing and designing.

AVERAGE WORK FORCE: Management - 3
Others - 15

GROSS SALES: 1986 - \$400K
1987 - \$425K

PLANT SIZE: 5,000 sq ft

EQUIPMENT: \$100K and more of standard machine shop equipment including lathes, milling machines, and drill presses.

EXPERIENCE: Montreal Precision Crafting Ltd's customers include Pratt & Whitney (United Aircraft), Noranda Research, Bell Canada, Canadian Explosives, Department of National Defence, Leigh Navigations Systems, MPB Technologies, Man Ashton, Peacock Ltd, Canadian industries, Proctor & Gamble, Noram Quality Controls, Avon Products, Beloit Canada, McGill University and Northern Telecom.

KEYWORDS: CNC Machining; Machining; Precision Machining.

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MPB TECHNOLOGIES Inc

ADDRESS: 1725 N Service Road, Trans Canada Highway
Dorval, Quebec, Canada
H9P 1J1

CONTACT: Dr M P Bachynski, President - (514) 683-1490

HISTORY: MPB is a Canadian-owned high-technology company that was incorporated in 1976. It is a spin-off from RCA Ltd. Other locations include Ottawa, Ont, and Varennes, Que (in the Canada Center for Magnetic Fusion at Hydro Quebec).

CAPABILITY: MPB headquarters occupies a modern 30,000 sq ft facility which includes a library, central computer room, machine shop, laboratories and production area. They are fully facilitated to conduct experimental, theoretical, and developmental work in a variety of fields. These include lasers, electromagnetics and radars, digital electronics, communications and instrumentation. A further 18,000 sq ft facility in Montreal augments the above. In late 1987, MPB took over the electromagnetic Engineering activity of the National Research Council of Canada including extensive antenna and scattering ranges, EMC and radar facilities and 5,000 sq ft of fully facilitated laboratory and office space in Ottawa.