

**KEYWORDS:** Aircraft Maintenance Tooling; Electrical Test Equipment; Engine Overhaul Equipment; Engine Shipping Stands; Ground Support Equipment; Machining; Non-Destructive Testing; Precision Tooling; R&O (Equipment); Tooling (Aircraft/Engine).

**REVISED:** February 88

## DESIGNED PRECISION CASTINGS Inc

**ADDRESS:** 75 Eastern Avenue  
Brampton, Ontario, Canada  
L6W 1X9

**CONTACT:** Mr Paul Roy, Sales Manager - (416) 453-0421

**HISTORY:** Designed Precision Castings Inc is a Canadian-owned investment foundry that was established in Brampton in 1958.

**CAPABILITY:** Designed Precision Castings Inc is an investment casting firm involved in the aerospace, defence, nuclear and commercial markets. We pour both ferrous and non-ferrous alloys in a size range from ounces to sixty pounds. The plant is located in Brampton, Ontario - a suburb of Toronto, Ontario. From Brampton it serves both the local market and the greater North American market, with customers from California to Nova Scotia.

Comprehensive in-house testing is performed according to a written quality control manual. Testing facilities include spectrographic alloy analysis, magnetic particle inspection, liquid penetrant inspection, x-ray, hardness and tensile testing.

Work is done in accordance to military specifications MIL-I-45208 and to many of our customers private specifications for whom we are an approved source. As required, traceability is maintained and records are preserved for 7 years.

**AVERAGE WORK FORCE:** Office - 8  
Inspection - 5  
Production - 31  
Engineering - 2

**GROSS SALES:** 1986 - \$3.0M  
1987 - \$3.0M

**PLANT SIZE:** 42,000 Sq FT

**EQUIPMENT:** Designed Precision Castings has a complete investment casting facility including a spectrometer, a 100 ton wax extruder, temperature and humidity controls in the shell room, autoclave dewaxing and induction melting. The Quality Control department has hardness and tensile testers, liquid penetrant and wet magnetic particle inspection systems and a 320 KV x-ray machine.

**EXPERIENCE:** Designed Precision Castings has done work for a wide range of customers in the Aerospace and Nuclear industries including some Class 1 Grade A Castings. We have been surveyed and hold quality control approvals for the following firms. - General Dynamics, McDonnell Douglas Corp, Pratt and Whitney Canada, deHavilland Aircraft, Colt Industries, Garrett Manufacturing, Brunswick Defense Corp, Hazeltine Corp, Bendix Avelex, and Sikorsky Helicopter.

**KEYWORDS:** Castings; Investment Castings.

**REVISED:** January 88

## DEVTEK CORPORATION

**ADDRESS:** 1410 Birchmount Road  
Scarborough, Ontario, Canada  
M1P 2E7

**CONTACT:** Mr H Trevor Pawson, Director of Marketing -  
(416) 752-4006

**HISTORY:** Devtek Corp is a wholly owned Canadian company founded in 1980. It was originally the Aerospace/Defense Group owned by Magna International Inc, a Toronto based high technology company. Companies affiliated with Devtek are Diemaco Inc, Hermes Electronics Ltd, Magna Electronics, Verral Metal Fabricators, West Height Manufacturing Inc, General Manufacturing Inc, Grantech Mfg, Hochelaga Aerospace Inc and Dexter Tool Co.

**CAPABILITY:** Devtek Corp has eleven modern plants, each specializing in various phases of high technology engineering and manufacturing products ranging from undersea detection devices to components for outer space projects. Having pursued markets in the aerospace/defense and commercial goods sectors, Devtek has relied on its people to develop unique, new highly efficient manufacturing techniques. This confidence has resulted in an average annual sales growth of 30% and has made Devtek one of the fastest growing international manufacturing corporations. Devtek's nine companies offer a wide range of modern computer controlled machine tools, staffed with highly qualified people with unique experience in fabricating critical components and sub-assemblies. A new technology center has added a unique engineering capability to the corporation's sophisticated, high precision manufacturing activities, including a CAD/CAM system. One of the Devtek companies has assembled extensive engineering and manufacturing skills for the design, development, testing and production of components and systems for military hardware. Another Devtek company holds a leading position in the development, design and manufacture of hydroacoustic sensors and data analysis and transfer systems as well as HF communication equipment to meet exacting military specifications. To complement the technical staffs of the companies in the corporation, Devtek provides the support of a special Corporate Engineering Group which conducts research and development and assists with problems of a highly sophisticated, technical, technological, process or production nature. Devtek's divisions and companies operate to the following Quality Specifications as appropriate - AQAP-1, MIL-Q-9858A, AQAP-4, and MIL-I-45208. The divisions are recognized by the Department of National Defense for having quality programs within their facilities meeting the requirements of AQAP-1 (MIL-Q-9858A).

**AVERAGE WORK FORCE:** 1100

**GROSS SALES:** 1986 - \$78M  
1987 - \$104M

**PLANT SIZE:** 420,000 Sq Ft

**EXPERIENCE:** Devtek's varied clientele includes: Bell Aerospace Co; Boeing of Canada; Bristol Aerospace Ltd; CAE Electronics Ltd; Canadair Ltd, US Army, Ft Monmouth, NJ; US Navy; French Navy; Swiss Army Signal Corps; Australian Navy; Canadian General Electric Co; Computing Devices of Canada Ltd; The deHavilland Aircraft of Canada Ltd, Dowty Equipment Ltd; Emerson Electric; Fleet Industries; General Electric Co; B F Goodrich; Hughes Aircraft; Honeywell Inc; Leigh Instruments; Ernst Leitz Canada Ltd; Litton Guidance & Control Systems, Woodland Hills, CA; Litton Systems (Canada) Ltd; Lumonics Research Ltd; Martin Marietta; McDonnell Douglas Corp; Motorola Inc; Northern Telecom; Philips Electronics; Raytheon Co; RCA; Sanders Associates; Spar Aerospace; Sperry Univac; RCA; Department of National Defense; and others.

**KEYWORDS:** ASW; Alum Dip Brazed Heat Exchangers; Beacons; Environmental Laboratory; HF Antennas; HF Communications; Landing Gear Components; Machining; PC Board Design & Fabrication; R&O (Small Arms); Small Arms Components; Sonobuoys; Weather Stations; Welding.

**REVISED:** February 88

## DEW ENGINEERING AND DEVELOPMENT Ltd

**ADDRESS:** 3429 Hawthorne Road  
Ottawa, Ontario, Canada  
K1G 4G2

**CONTACT:** Mr Wally Roueche, President - (613) 523-8150