

The range of internal corrosion monitoring equipment includes access fittings, retriever tools, service valves, weight loss coupons, and a full line of monitoring probes and metering devices. Products related to detection of biofilm related corrosion include bacteria probes, electrical resistance (ER) and linear polarization (LPR) probes for use in high or low pressure systems; a complete line of biofilm monitoring equipment, including biofilm studs, probes and spools; *The Hydrogenase Test*—a new test for microbially influenced corrosion which is fast (less than 4 hours) and will indicate the level of activity of corrosion-influencing bacteria.

### Cardium Tool Services Inc.

2880 - 64th Avenue  
Edmonton, Alberta  
Canada T6P 1W6

Telephone: (403) 465-9311

Facsimile: (403) 469-0744

Telex: 037-41702

Answer Back: *cardium edm*

Contact: Christopher Stewart,  
International Director

Cardium Tool Services Inc., founded in 1954, is a leading designer and manufacturer of downhole tools and services for Canadian, U.S. and Asian clients. It has been involved in the development of every major oil and gas field in Canada. Its operations extend from the critical sour wells of the Alberta foothills to the massive Enhanced Oil Recovery Tar Sands of Northern Alberta. Cardium is also a major supplier to East Coast and Arctic frontier areas. From a simple tubing anchor catcher to a critical service tandem cone hydraulic liner hanger assembly, Cardium provides superior equipment designed to help produce oil and gas profitably, efficiently and safely.

### Catalytic Maintenance Inc.

400, 8500 MacLeod Trail South  
Calgary, Alberta  
Canada T2H 2N2

Telephone: (403) 268-6899

Facsimile: (403) 255-1421

Telex: 038-22509

Answer Back: *del cat cgy*

Contact: Murray Propp, Vice  
President, Business  
Development

Catalytic Maintenance Inc. introduced the concept of contract maintenance for industrial plant sites to North America in 1952. At present, Catalytic averages approximately one million days annually in the development of international projects in Asia and South America. Four thousand highly trained supervisory staff and trades personnel for safety, labour relations, quality assurance/control and tool services are supplied for maintenance, shutdown revamp and construction projects.

### Centre for Frontier Engineering Research

200 Karl Clark Road  
Edmonton, Alberta  
Canada T6N 1E2

Telephone: (403) 450-3300

Facsimile: (403) 450-3700

Contact: Elizabeth Clarke,  
Networking Officer

The Centre for Frontier Engineering Research (C-FER) was established in 1983 as a national centre of excellence. Its list of members has grown to 40 organizations, representing the leaders in Canada's resource and service industries, government agencies, laboratories and academic institutions. C-FER's move to its new \$18 million research centre in the Edmonton Research Park heralds a dramatic step forward in its research capabilities. The centre offers a broad range of reliable, quality services through the integration of expertise in the disciplines of structural analysis and engineering, cold regions and offshore engineering, mathematical modelling and numerical analysis, materials science and engineering, risk and reliability analysis, and synthesis and analysis of information. Research at C-FER focusses on both the improvement of existing technologies and the development of new technologies. Its achievements include a

total technology for the design of ice-resisting composite walls, a new procedure for cold weather repair welds, a detailed understanding of the in-service performance of casing/connection systems for thermal recovery wells, and the innovative URAP tool for monitoring and for quality assurance in the make-up of premium connections.

### Century Valve and Machine Co. Ltd.

1915 - 30th Avenue N.E.  
Calgary, Alberta  
Canada T2E 6Z5

Telephone: (403) 250-9742

Facsimile: (403) 250-8624

Contact: Garth Hasselback,  
Marketing Manager

Century Valve and Machine Co. Ltd., founded in 1967, is a leader in the manufacture and supply of precision machined components for the process control industry in Canada. The company manufactures a complete line of instrumentation valves, ranging from small needle valves to gauge valves to multivalve instrumentation manifolds. Century is also Canada's largest producer of thermowells. The company also manufactures custom machined parts for a wide variety of companies in the processing and petrochemical sectors. Century utilizes advanced technology and manufacturing enhancements, such as CAD/CAM, CNC production equipment, robotics, and automatic bar-feed.

### Cessco Fabrication and Engineering Ltd.

7310 - 99th Street  
Edmonton, Alberta  
Canada T6E 3R8

Telephone: (403) 433-9531

Facsimile: (403) 432-7899

Contact: David Howie, Vice  
President

Cessco Fabrication and Engineering Ltd. is a diversified worldwide supplier of major equipment to the oil and gas industry. It is a leading Canadian designer and fabricator of large ASME Code pressure vessels manufactured with steel, clad steels and other alloys; and skid mounted process modules, such as dehydrators, separators