

A dramatic photograph of a large, curling blue wave crashing. The water is a vibrant turquoise color, and the crest is breaking into a thick, white spray of foam. The sky is a clear, bright blue with a few wispy white clouds. The overall scene is dynamic and powerful, capturing the raw energy of the ocean.

CHEM WERX

Company profile

Chem Werx is an independent consulting company specializing in Ultra Pure Water treatment systems for microelectronics, laboratory or R & D applications.

Don Downey, sole proprietor, has thirty plus years experience managing, operating and troubleshooting Ultra Pure Water systems., Don is uniquely positioned to be Your Ultra Pure Water Specialist providing unbiased 'source to product' services and solutions.

With a focus on environmentally responsible, economic, efficient and safe operations, Chem Werx clients can realize; lower capital (installed or deferred), operating and maintenance costs.

The company started in May 1999 and is based in Paris, Ontario, Canada

Capabilities

- System Audits
- Troubleshooting
- Component Design
- Analytical sampling
- Operator training
- Shutdown planning
- Operating plans
- Operating Procedures
- System Analysis
- Conceptual Design
- Material selection
- Maintenance training
- Fabrication training
- Operating budgets
- System Start-up
- Field Service

Services

Chem Werx assist clients who require a 'Specialist' on their team to evaluate and understand 'their' operation when working with (existing or new) equipment, treatment, engineering and construction suppliers to obtain optimal system design, installation and performance.

In today's economic climate, companies large and small often cannot afford the time or luxury of training and retaining an In-House Ultra Pure Water Specialist with end to end experience.

Chem Werx meets this need, and, can be YOUR In-House Ultra Pure Water Specialist

Services to: End Users

- **UPW Specialist**

- 'Plug in' to project teams to evaluate systems, designs and proposals, troubleshooting process and Point of Use problems.
- Oversee installation and commissioning

- **Conceptual Design**

- Treatment systems, new and existing upgrade
- Distribution systems and components

- **Operation**

- Systems audit, analysis and remediation
- Optimize plant efficiencies
- Operator training
- System maintenance

Services to: End Users

- **Sampling**

- Set up of monitoring and analytical programs

- **Distribution Systems**

- Troubleshooting quantity and quality problems
- System modeling for new or existing remediation
- New or refit systems based on a unique, dynamic flow and pressure control, modular design and install concept

- **POU Equipment**

- Pre purchase design review with suppliers of fab or lab equipment
- Process equipment use, troubleshooting and contamination audit
- Assist commissioning equipment

Services to: OEM & Service Companies

- **UPW Specialist**

- 'Plug in' to project or operations teams
 - Assist planning and design
 - Assist troubleshooting process, system and Point of Use problems

- **Operation**

- Start-up and commissioning assistance
- Temporary/Relief Operations & Field Service
- Operator training
- System maintenance
- Qualified Confined Space entry
- Assist set up of monitoring and analytical programs

- **Distribution Systems**

- Troubleshooting quantity and quality problems

Contact Us

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