



HOWARD MARTEN COMPANY LTD.

*Est. 1950*

LUBRICATION AND FLUID  
SYSTEM SOLUTIONS



MANUFACTURING DIVISION

# Howard Marten Company Limited

Manufacturing Division

## MISSION STATEMENT

Our Mission is to be the leading supplier of the highest quality Lubrication and Fluid System Solutions and Services at competitive prices and to be continuously acknowledged as the best by our customers. In achieving this mission our customers will regard us as their "Preferred Partners".

## QUALITY POLICY

The Howard Marten Company Limited is committed to achieving customer satisfaction by ensuring that everyone understands and meets our customers' needs and requirements. Our belief is that our success can only be measured by the continuing success of our customers.

Our objectives of 'Continuous Improvement', 'On Time Delivery' and 'Getting it Right the First Time' relies on employee direct involvement and recognizes that in order to meet our customer requirements, every employee must be allowed to participate in improving the processes with the intent of responding to our customers ever changing needs in the most cost effective way.

## QUALITY ASSURANCE

Howard Marten Company Limited is registered to ISO 9001-2000 for the design and manufacture of fluid systems. Since 1994 we have been successful in complying with yearly ISO compliance audits. HMCL has provided corrective and preventative actions as required to conform to the standards.

Along with the ISO Audits, Howard Marten Company Limited has been successful in complying with Customer Procedure Specifications Audits, which happen frequently throughout the year.

The Quality Assurance Program, is flexible to adapt to any customer manufacturing requirements in a wide range of industries such as Power Generation, Mining, Refinery, Nuclear, Automotive, Aerospace, Pulp and Paper, while still complying to the ISO standards. We have the capability to implement any special Quality Assurance Procedures into our existing system to assure the end product meets the customer specifications.

**STEAM TURBINE LUBE OIL SYSTEM**  
Flow-545 USGPM (2063 LPM) Lift-20 USGPM (76 LPM)  
Pressure-45 PSI (310 kPa) Lift 1800 PSI (12.4 Mpa)  
Type of Oil - ISO 32



**GENERATOR SEAL OIL SYSTEM**  
Flow Rate – 60 to 115 USGPM – outlet (1) (227 – 435 LPM)  
Flow Rate – 35 to 45 USGPM – outlet (2) (132 – 170 LPM)

## OVERVIEW

- Howard **Marten** Company Limited has been a supplier of Industrial Lubrication Systems since 1950
- The C.E.O. and President privately own the Company, with 41 and 23 years of service respectively.
- The Pickering, Ontario, Canada facility was purchased in 1983, expanded in 1995 and again in 1998.
- The Plant of 48,000 square feet (approx. 4,500 square meters) is currently serviced by four overhead cranes ranging in capacity from 5 tons to 35 tons.
- A further 20,000 square feet (2,000 square meters) of Plant space can be accommodated on the existing property.
- A second location of 13,500 square feet (approx. 1250 square meters) purchased in 2001 on the same street houses our accounting / administration offices as well as the Distribution Division.

# Howard Marten Company Limited

Manufacturing Division

## TOTAL PACKAGE SOLUTIONS

- Piping to ANSI B31.1 and B31.1
- Instrumentation and Electrical to worldwide standards including NEC, CSA, IEC, CENELEC, CE
- Control Panels
- NDE testing Capabilities
- 4 overhead cranes to 35 ton capacity
- Welding to ASME Section IX and CSA W47.1
- Extensive field support

## PAINTS AND APPLICATION

### Paint Booths

- One (1) 36ft L x 19ft W x 14ft H [11m L x 5.8m W x 4.3m H]
- One (1) 20ft L x 10ft W x 9ft H [6.1m L x 3m W x 2.7m H]



**LUBE OIL CONSOLE (API 614)**  
Flow Rate- 105 USGPM (397 LPM)  
Pressure – 36 PSI (250 kPa)  
Type of Oil – ISO VG 32

## Welding Capabilities

- GMAW Hard Wire - Carbon Steel and Stainless Steel
- Welding Capabilities
- GMAW Flux Core - Carbon Steel and Stainless Steel
- GTAW / SMAW - Carbon Steel and Stainless Steel for High Pressure Pipe
- All welders Certified and Registered to C.W.B. and T.S.S.A.

## BALL / SAG MILL LUBE OIL SYSTEM (MINING APPLICATION)

Flow - 220 USGPM (833 LPM) Pressure - 1100 PSI (7584 kPa)  
Type of Oil - ISO VG 220



## Application

- Airless, Air-Assisted Airless, Conventional Spray and Electro-static Spray Equipment
- Inorganic, Organic Zincs
- High-Build Epoxies
- Urethane Top Coats
- Solvent and Water-Based Coatings
- Coatings for Carbon Steel and Stainless Steel

## Blasting Booth

- 40ft L x 20ft W x 14ft H [12.2m L x 3m W x 4.3m H]
- Recyclable Steel Shot blast media and Glass beading for all stainless steel finishing
- 430 cfm [12.2 m<sup>3</sup>/min.] Air Compressor



**FUEL OIL WATER INJECTION SKID**  
Fuel Oil to 360 USGPM (1362.75 LPM)  
Water to 170 USGPM (643.5 LPM)  
Pressure - 1800 PSI (12.41 Mpa)

# Howard Marten Company Limited

Manufacturing Division

## TESTING

All systems are full run tested in North America's finest test facility. Each console is operated under simulated working conditions. Our in-house motor generator set is capable of providing all motor voltages and frequencies used worldwide. A written quality assurance certificate and performance test reports are provided with every unit.

- Test stand Diesel Generator output up to 250 kW - AC Motors up to 335 HP [250 kW] @ 575VAC
- DC Motors up to 60 HP [45 kW] @ 125VDC - AC Voltage ranges: 575, 460, 380, 220/208 & 110 @ 50 or 60 Hz
  - Calibrated Flow and Pressure Instruments
    - Vibration / Noise Measurement
- Oil Storage Tanks - Two (2) 4,300 USG [16.25 m<sup>3</sup>]: each with Heater, 10 micron Filter and Pump
  - Turbine Oil (ISO VG32) or Gear Oil (ISO VG220)
    - Fluid Cleanliness Measurement



### INDUSTRIES SERVED

Power Generation  
Petro-Chemical  
Cement  
Mineral Processing  
Pulp and Paper  
Steel  
Automotive  
Industrial Drives

### EQUIPMENT SUPPORTED

Generators  
Motors  
Turbines  
Pumps  
Mills  
Gears  
Other

## *Howard Marten Company Limited*

875 DILLINGHAM ROAD  
PICKERING, ONTARIO, CANADA L1W 2Y5

TEL: (905) 831-2901 FAX: (905) 831-5807

E-MAIL: [sales@howardmarten.com](mailto:sales@howardmarten.com)

WEB: [www.howardmarten.com](http://www.howardmarten.com)