Exceed (Canada) Oilfield Equipment Inc.

Exceed (Canada) is the Canadian division of Nine Ring Petroleum Machinery Co. Ltd in China; the largest sucker rod manufacturer in the world (150 million ft. per year). We acquired Canadian Thermal Solutions Corp. (CTSC) in 2016 to deliver a full range of API qualified well completion products, production, and reservoir optimization with professional engineering solutions and support.

- **Key Products and Service**
  
  Our key products are listed below but not limited to:
  - Sucker rods and PCP rods
  - Vacuum insulated tubing and casing (VIT, VIC)
  - High thermal efficiency tubing and casing
  - Various sand control screens
  - Passive and pro-active inflow control devices (ICD)
  - Portable steam generators
  - Conventional and thermal wellheads

- **Sucker Rod Manufacturing Highlights**
  - API and ISO 9001 certified
  - Audited and qualified by GE, Shell Oman (PDO), Tuboscope, Phoenix Compliancy Management (PCM), and Distribution Now (DNOW)
  - 35-acre facility equipped with fully automated production line
  - 100% computer controlled manufacturing
  - 5% annual budget allocation on R&D; 20+ granted patents
  - 100% API compliance through consistent inspection and monitoring program

**Address:** Suite 1905, 500 - 4TH Ave. SW Calgary, AB T2P 2V6
**Tel:** 1-587-356-1888
**Email:** sales@exceedoilfield.ca
**Web:** http://www.exceedoilfield.ca/
Exceed Sucker Rod Categories

**API and Equivalent**
- API-C (AISI 4142)
- API-K (AISI 4621)
- API-D (AISI 4142)
- ED (AISI 4125)

- Economical
- Popular
- Competitive market

**Corrosion Resistance**
- EKD (AISI 3130)
- KD (AISI 4330/4320)
- KD (AISI 4720)

- D grade strength
- Corrosion resistant
- Longer run time in corrosive conditions

**High-Strength**
- EH (AISI 4125)
- EH6 (AISI 4138)
- EHK (AISI 3130)
- EH7 (AISI 4330)

- Higher strength
- Suitable for heavy load/deep wells

**Special**
- EHT
  - Dove tail connection for PCP drive rod
  - 25% higher torque

- EH9
  - For highly corrosive conditions
  - Ultra high strength

- Smart Rod
  - Built-in RFID tracking system

**Exceed Sucker Rod Accessories**
- Couplings (T, SM, Full, Slim, Cross-over)
- Pony Rods (2, 4, 6, 8, 10 ft in all sucker rod grades)
- Sinker Bars (1 1/4 – 1 5/8”, 25,30 ft. Carbon/Alloy Steel)
- Polished Rods (1 1/8- 1 1/2", 8-36", 4140/1045 Steel)
- Rod Guides (2-5 ½", PPA, Nylon)

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Exceed Sucker Rods vs Other Suppliers’ Products

<table>
<thead>
<tr>
<th>Exceed</th>
<th>Product Category</th>
<th>Steel</th>
<th>Tensile Strength (ksi)</th>
<th>Competitors’ Product</th>
</tr>
</thead>
<tbody>
<tr>
<td>D</td>
<td>API-D Grade</td>
<td>4142</td>
<td>120 - 140</td>
<td>API-D / 78 [Norris]</td>
</tr>
<tr>
<td>ED</td>
<td>Improved API-D Grade</td>
<td>4125</td>
<td>126 - 145</td>
<td>None</td>
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<tr>
<td>KD</td>
<td>Corrosion Resistance</td>
<td>4320</td>
<td>120 - 140</td>
<td>90 [Norris]</td>
</tr>
<tr>
<td></td>
<td>Corrosion Resistance</td>
<td>4330</td>
<td>125 - 140</td>
<td>75 [Norris] / D Special [Tenaris]</td>
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<tr>
<td></td>
<td>Corrosion Resistance</td>
<td>4720</td>
<td>144 - 180</td>
<td>KD [Weatherford]</td>
</tr>
<tr>
<td>EKD</td>
<td>Corrosion Resistance</td>
<td>3130</td>
<td>140 - 150</td>
<td>S-87 [Weatherford]</td>
</tr>
<tr>
<td>EH</td>
<td>High Strength</td>
<td>4125</td>
<td>140 - 150</td>
<td>None</td>
</tr>
<tr>
<td>EH6</td>
<td>High Strength</td>
<td>4138</td>
<td>140 - 155</td>
<td>96 [Norris]</td>
</tr>
<tr>
<td>EH7</td>
<td>High Strength / Avg. Corrosion Resistance</td>
<td>4330</td>
<td>140 - 170</td>
<td>97 [Norris]</td>
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<tr>
<td>EHK</td>
<td>High Strength / Avg. Corrosion Resistance</td>
<td>3130</td>
<td>140 - 170</td>
<td>S-88 [Weatherford]</td>
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<tr>
<td>EH9</td>
<td>High Strength</td>
<td>Stainless steel</td>
<td>120 - 140</td>
<td>None</td>
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<tr>
<td></td>
<td>/ High Corrosion Resistance</td>
<td>9-11% Cr</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EHT</td>
<td>PCP Rod (Dove tail connection)</td>
<td>4125</td>
<td>126 - 145</td>
<td>None</td>
</tr>
</tbody>
</table>

Comparison of Exceed PCP Rod with Others

- **EH / EHT**
- **Drive Rod (97)**

Torque [Nm]

- 7000
- 6000
- 5000
- 4000
- 3000
- 2000
- 1000

Rod Size

- 1 1/2”
- 1 1/4”
- 1 1/8”
- 1”
- 1/8”
Nine-Ring established

1984

Established USA subsidiary

2012

Opened new facility w/ 90 million ft capacity; captured 60+% Chinese market; 1st automated forging machine in China

2007

Focused on sucker rod manufacturing

1994

Opened 2nd facility w/ 60+ million ft capacity; Total 150+ million ft capacity per year

2015

Established Canadian subsidiary; Acquired Canadian Thermal Solutions Corp.

2016

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