

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 Compliance 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

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



- ✓ Superior products
- ✓ 100% QA Compliant with API-11B

Smart Rod with RFID chip

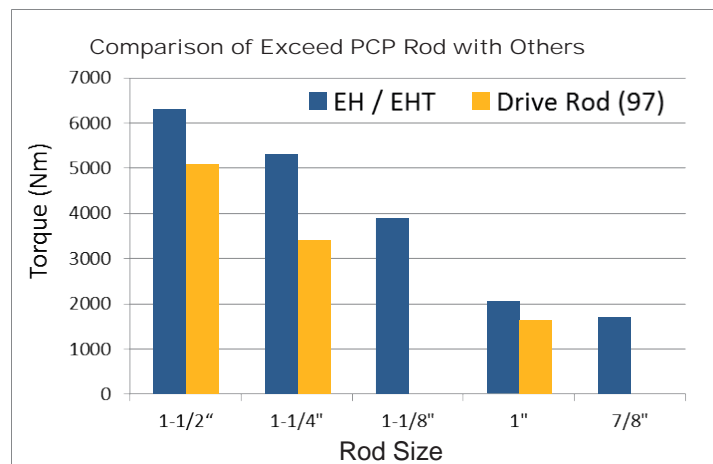
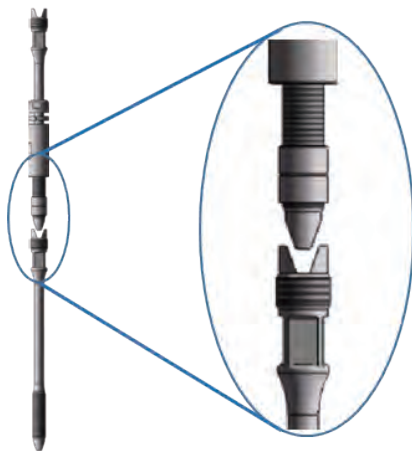
Exceed Sucker Rod Accessories

- 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 1/2", PPA, Nylon)



Exceed Sucker Rods vs Other Suppliers' Products

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





2016
Established Canadian subsidiary;
Acquired Canadian Thermal Solutions Corp.



2015
Opened 2nd facility w/ 60+ million ft capacity;
Total 150+ million ft capacity per year



2012
Established USA subsidiary



2007
Opened new facility w/ 90 million ft capacity; captured
60+% Chinese market; 1st automated forging machine in China



1994
Focused on sucker rod manufacturing



1984
Nine-Ring established

