

ANCHOR TEST REPORT

Project Name: Thirsk Dam #20 Anchor Lift-Off Testing
 DSI Job No.: J045764
 Project Owner: District Of Summerland
 Tested By: Peter Oed, DSI
 Testing Date: November 30th and December 1st, 2016
 Report Prepared By: Zhen Cai, DSI
 Hydraulic Jack: Orbit 200 Ton
 Jack ID: CW 200 / 6 / O
 Field Gauge ID: 6-30593

Results of Lift-off Tests

Anchor No.	Testing Date	Lift-Off Pressure (psi)	Lift-Off Load (kN)	Lock-Off Pressure (psi)	Lock-Off Load (kN)
4 - 2S	Nov 30 th , 2016	7,400	1,421	7,400	1,421
5 - 1L	Nov 30 th , 2016	7,300	1,402	7,300	1,402
6 - 2	Dec 1 st , 2016	7,400	1,421	7,400	1,421
7 - 4	Dec 1 st , 2016	6,400	1,229	7,200	1,382
8 - 3	Dec 1 st , 2016	5,900	1,133	7,000	1,344
9 - 2	Dec 1 st , 2016	6,900	1,325	7,100	1,363
10 - 2	Dec 1 st , 2016	7,000	1,344	7,000	1,344
11 - 3	Dec 1 st , 2016	7,000	1,344	7,200	1,382
12 - 2	Dec 1 st , 2016	6,700	1,286	7,100	1,363
13 - 1	Dec 1 st , 2016	6,400	1,229	7,100	1,363
14 - 1	Dec 1 st , 2016	6,000	1,152	7,100	1,363
17 - 1	Dec 1 st , 2016	6,100	1,171	7,100	1,363
16 - 2	Dec 1 st , 2016	5,400	1,036	7,000	1,344
15 - 3	Dec 1 st , 2016	7,100	1,363	7,100	1,363

DYWIDAG SYSTEMS INTERNATIONAL CANADA LTD.

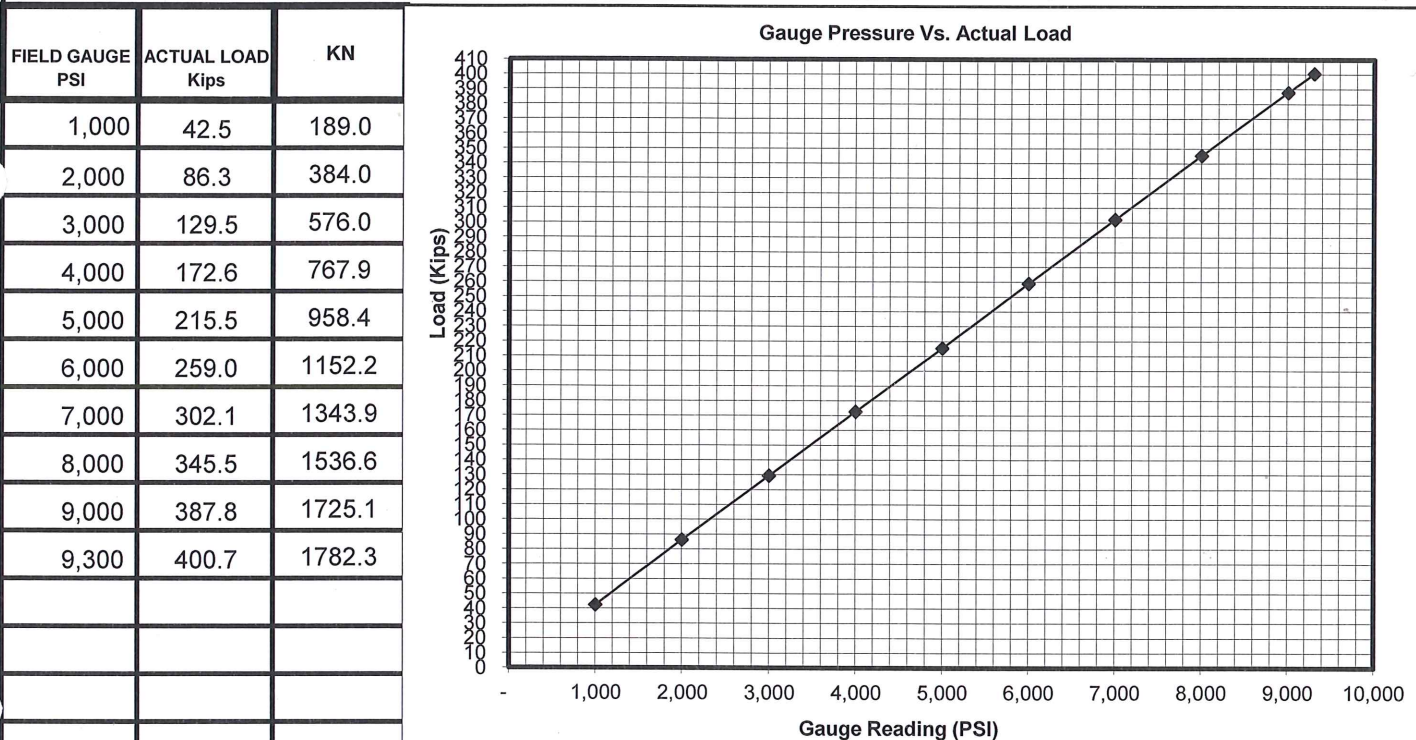
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**JACK CALIBRATION FORM**

Stressing Jack: Orbit 200 Ton (6") **Theoretical Ram Area: (sqin)** 43.980 **Date:** 14-Oct-16
ID Number: CW 200 / 6 / O **Calculated Ram Area: (sqin)** 43.149 **Calibrated By:** V.Stroleny
Field Gauge: 6 - 30593
Master Gauge: Weksler W-DG42P **Serial Number:** 1069515
Load Cell: Road Runner 600 Kip **Model Number:** 1-0228-06
Serial Number: 201
Calibrated Date: 7-Jun-16 **Calibrated By:** RST Instruments
Load Cell Read Out: Model EW-3-0101-312 C **Serial Number:** 1213



Master Gauge (PSI)	Field Gauge Reading (PSI)				Load Cell Reading				Load Reading
	Field Guage: 6 - 30593				(LBS.)				
	Run 1	Run 2	Run 3	Avg.	Run 1	Run 2	Run 3	Avg.	(Kips)
1,000	1,000	1,000	1,000	1,000	42,500	42,400	42,600	42,500	42.50
2,000	2,000	2,000	2,000	2,000	86,000	86,600	86,400	86,333	86.33
3,000	3,000	3,000	3,000	3,000	129,400	129,700	129,400	129,500	129.50
4,000	4,000	4,000	4,000	4,000	172,600	172,500	172,800	172,633	172.63
5,000	5,000	5,000	5,000	5,000	215,400	215,700	215,300	215,467	215.47
6,000	6,000	6,000	6,000	6,000	259,200	259,000	258,900	259,033	259.03
7,000	7,000	7,000	7,000	7,000	302,100	302,400	301,900	302,133	302.13
8,000	8,000	8,000	8,000	8,000	345,300	345,400	345,700	345,467	345.47
9,000	9,000	9,000	9,000	9,000	387,800	388,000	387,700	387,833	387.83
9,300	9,300	9,300	9,300	9,300	400,600	400,800	400,700	400,700	400.70

Calibration Reviewed: _____

Date: Oct 14, 16