

FORGE ENGINEERING, INC.
FORENSIC, GEOTECHNICAL ENVIRONMENTAL AND
CONSTRUCTION CONSULTANTS

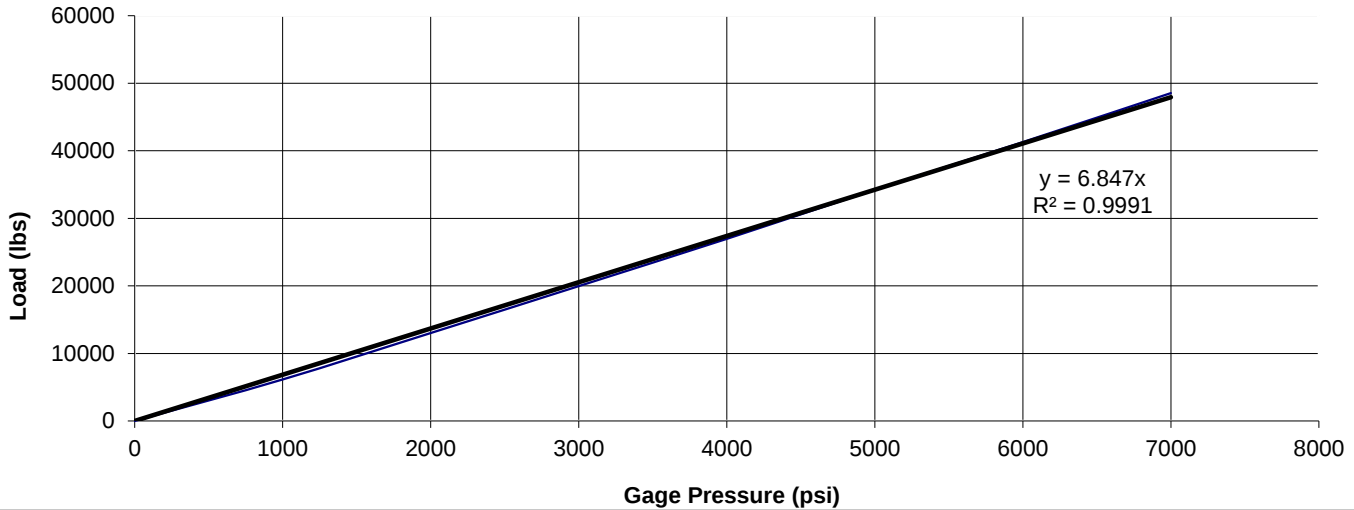
REPORT OF PUMP & RAM CALIBRATION

Client: Solid Foundation Solutions, LLC

Calibration Date: 12/4/2017

Project No.: 2895-001.01

30 ton Center Hole Ram & Hand Pump - 10,000 psi Gauge



Enerpac hand pump P-392

Calibrated 2/6/2015

Enerpac RCH302, 2.622"Ø Ram, 2.5" Stroke

10,000 psi gage

Load (lbs)	Pressure	USE	Load (lbs)	Pressure	USE
0	0	0	24,000	3,505	3,510
5,000	730	730	26,000	3,797	3,800
6,000	876	880	28,000	4,089	4,090
7,000	1,022	1,030	30,000	4,381	4,390
8,000	1,168	1,170	32,000	4,674	4,680
9,000	1,314	1,320	34,000	4,966	4,970
10,000	1,460	1,460	36,000	5,258	5,260
12,000	1,753	1,760	38,000	5,550	5,550
14,000	2,045	2,050	40,000	5,842	5,850
16,000	2,337	2,340	42,000	6,134	6,140
18,000	2,629	2,630	44,000	6,426	6,430
20,000	2,921	2,930	46,000	6,718	6,720
22,000	3,213	3,220	48,000	7,010	7,010

Reviewed By: _____ 12/4/2017

PO Box 113040, NAPLES, FLORIDA 34108 (239) 514-4100 FAX (239) 514-4161