

Load Cell Instrumentation System Design

S No	Weight	Voltage Output	ADC Value	Slope
1	0	5.15	1.05472	
2	50	23.3	4.77184	13.4512741
3	100	41.75	8.5504	13.2325542
4	150	60	12.288	13.37756849
5	200	77.4	15.85152	14.0310704
6	250	95.6	19.57888	13.41432005
7	300	114.1	23.36768	13.19679054
8	350	132.2	27.07456	13.48843232
9	400	150.95	30.91456	13.02083333
10	450	169.1	34.63168	13.4512741
11	500	187.5	38.4	13.26851223
12	550	206	42.1888	13.19679054
13	600	224	45.8752	13.56336806
14	650	242.5	49.664	13.19679054