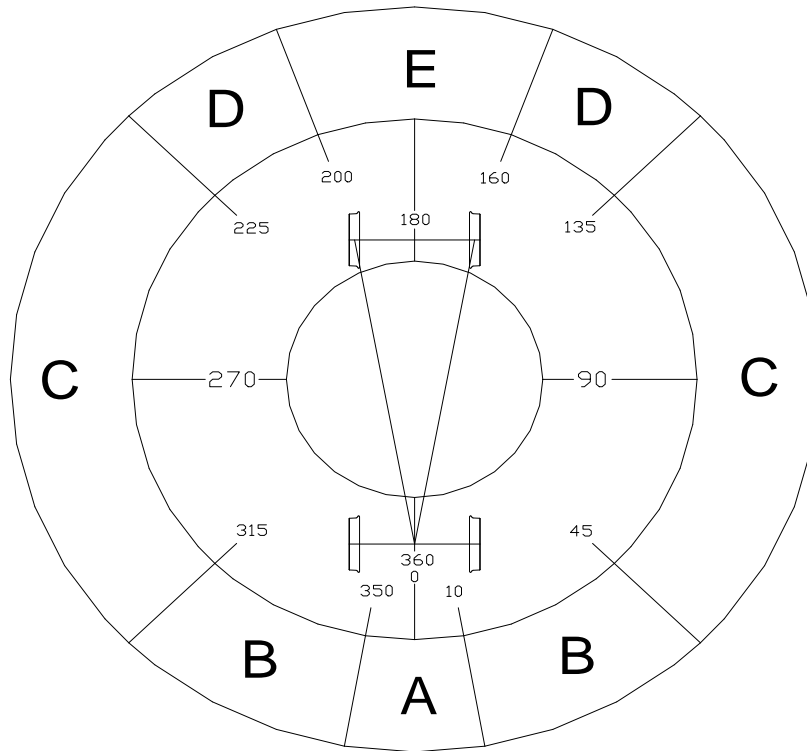


MEGARAILER

by REXQUOTE

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Fixed Axle



Oscillating Axle

Machine Type:	_____	Case 988
Serial Number:	_____	CGG0232322
Rail Axle Number:	_____	1684
Equipment:	_____	Boom 4.35m Dipper 2.1m
Date:	_____	4th September 2009
Issue:	_____	1
Software Version:	_____	V0.37a

This machine is equipped with a Rexquote Rated Capacity Indicator. This system is designed to comply with RAILWAY SAFETY STANDARD RIS-1530-PLT Issue 1


Radius / Height are given in METRES. Loads are given in TONNES, and assume that the load is suspended vertically below the lifting point with no other equipment attached. This machine is fitted with an hydraulically adjustable boom. This allows the machine to reach the same point in space with a variety of different equipment angles, each combination has a different safe working load. The charts above show both the upper & lower limits of the loads achievable. Loads marked 'b' boom, 'r' articulation, and 'a' arm are limited by hydraulic capacity (87% of 355 bar).

All rail duties listed are valid for use on up to a 1:29 gradient, and with a maximum track twist of 27mm.

NETWORK RAIL DUTIES


SECTOR A

Road
71% SWL
Unlocked




	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
7.0m											
6.0m	-	-	-	-	6.00b	5.82b	5.66	-	-	-	-
5.0m	-	-	-	-	5.30a	5.92b	5.64	4.71	3.98	-	-
4.0m	-	-	-	-	6.05a	5.52	4.63	3.96	3.41	-	-
3.0m	-	-	-	-	-	5.35	4.51	3.88	3.38	-	-
2.0m	-	-	-	-	-	5.17	4.38	3.79	3.32	-	-
1.0m	-	-	-	-	-	5.02	4.27	3.71	3.26	-	-
0.0m	-	-	-	-	-	5.95	4.93	4.2	3.66	3.23	-
-1.0m	-	-	-	-	7.44	5.91	4.9	4.18	3.66	-	-
-2.0m	-	-	8.20b	7.42b	6.64b	5.87b	4.95	4.07b	-	-	-

Level Rail
0-50mm
67% SWL
Unlocked




	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
7.0m	-	-	-	-	6.29b	5.26	-	-	-	-	-
6.0m	-	-	-	-	6.00b	5.33	4.53	3.87	-	-	-
5.0m	-	-	-	-	5.20a	5.27	4.49	3.89	3.39	-	-
4.0m	-	-	-	-	-	5.13	4.39	3.82	3.36	2.97	-
3.0m	-	-	-	-	-	-	4.26	3.73	3.3	2.94	-
2.0m	-	-	-	-	-	-	4.13	3.63	3.23	2.89	-
1.0m	-	-	-	-	-	-	4.03	3.55	3.17	2.85	-
0.0m	-	-	-	-	-	4.58	3.98	3.51	3.14	2.84	-
-1.0m	-	-	-	-	5.39	4.57	3.97	3.51	3.15	-	-
-2.0m	-	8.28b	7.65b	6.62	5.44	4.62	4.02	3.07b	-	-	-

Road
87% SWL
Locked




	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
7.0m											
6.0m	-	-	-	-	6.00b	5.82b	5.73b	-	-	-	-
5.0m	-	-	-	-	5.30a	5.92b	5.67b	5.48b	4.9	-	-
4.0m	-	-	-	-	6.05a	5.97b	5.63b	4.88	4.12	-	-
3.0m	-	-	-	-	-	6.42b	5.72	4.78	4.08	-	-
2.0m	-	-	-	-	-	6.81	5.56	4.67	4.01	-	-
1.0m	-	-	-	-	-	6.63	5.43	4.58	3.94	-	-
0.0m	-	-	-	-	7.81b	6.51	5.34	4.52	3.91	-	-
-1.0m	-	-	-	-	8.08b	7.16b	6.35b	5.32	4.52	-	-
-2.0m	-	-	8.20b	7.42b	6.64b	5.87b	5.08b	4.07b	-	-	-

Level Rail
0-50mm
87% SWL
Locked




	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
7.0m	-	-	-	-	6.29b	6.30b	-	-	-	-	-
6.0m	-	-	-	-	6.00b	5.80b	5.67b	5.67b	-	-	-
5.0m	-	-	-	-	5.20a	5.89a	5.71b	5.49b	5.36b	-	-
4.0m	-	-	-	-	6.26a	6.06b	5.69b	5.40b	5.18b	-	-
3.0m	-	-	-	-	-	6.52b	6.00b	5.58b	5.22b	-	-
2.0m	-	-	-	-	-	6.92b	6.26b	5.73b	5.27b	-	-
1.0m	-	-	-	-	-	7.07b	6.34b	5.72b	5.16b	-	-
0.0m	-	-	-	-	7.72b	6.85b	6.10b	5.43b	4.64b	-	-
-1.0m	-	-	-	-	7.83b	6.95b	6.15b	5.39b	4.49b	-	-
-2.0m	-	8.28b	7.65b	6.94b	6.21b	5.47b	4.64b	3.07b	-	-	-

Canted Rail
50-150mm
67% SWL
Unlocked




	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
7.0m	-	-	-	-	4.89	4.01	-	-	-	-	-
6.0m	-	-	-	-	4.91	4.08	3.46	2.94	-	-	-
5.0m	-	-	-	-	4.81	4.02	3.42	2.95	2.56	-	-
4.0m	-	-	-	-	-	3.88	3.33	2.89	2.53	2.23	-
3.0m	-	-	-	-	-	-	3.2	2.8	2.47	2.2	-
2.0m	-	-	-	-	-	-	3.08	2.71	2.4	2.15	-
1.0m	-	-	-	-	-	-	2.98	2.63	2.35	2.11	-
0.0m	-	-	-	-	-	3.36	2.93	2.59	2.32	2.1	-
-1.0m	-	-	-	-	3.93	3.35	2.92	2.58	2.33	-	-
-2.0m	-	8.19	6.07	4.81	3.98	3.39	2.96	2.68	-	-	-

Max Cant + Twist
150-177mm
67% SWL
Unlocked




	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
7.0m	-	-	-	-	2.44	1.96	-	-	-	-	-
6.0m	-	-	-	-	2.46	2.03	1.69	1.39	-	-	-
5.0m	-	-	-	-	2.37	1.97	1.66	1.4	1.18	-	-
4.0m	-	-	-	-	-	1.85	1.57	1.34	1.16	0.99	-
3.0m	-	-	-	-	-	-	1.45	1.26	1.1	0.96	-
2.0m	-	-	-	-	-	-	1.34	1.17	1.03	0.91	-
1.0m	-	-	-	-	-	-	1.25	1.1	0.98	0.88	-
0.0m	-	-	-	-	-	1.37	1.2	1.06	0.95	0.86	-
-1.0m	-	-	-	-	1.59	1.36	1.19	1.06	0.96	-	-
-2.0m	-	3.17	2.42	1.95	1.63	1.4	1.24	1.15	-	-	-

Canted Rail
50-150mm
90% SWL
Locked



	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
7.0m	-	-	-	-	6.29b	6.30b	-	-	-	-	-
6.0m	-	-	-	-	6.00b	5.80b	5.67b	5.17	-	-	-
5.0m	-	-	-	-	5.20a	5.89a	5.71b	5.19	4.5	-	-
4.0m	-	-	-	-	6.26a	5.9	5.09	4.45	3.92	-	-
3.0m	-	-	-	-	-	5.71	4.96	4.36	3.87	-	-
2.0m	-	-	-	-	-	5.53	4.83	4.27	3.8	-	-
1.0m	-	-	-	-	-	5.39	4.72	4.18	3.75	-	-
0.0m	-	-	-	-	-	6.17	5.31	4.66	4.14	3.73	-
-1.0m	-	-	-	-	7.34	6.15	5.3	4.65	4.16	-	-
-2.0m	-	8.28b	7.65b	6.94b	6.21b	5.47b	4.64b	3.07b	-	-	-

Max Cant + Twist
150-177mm
90% SWL
Locked




	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
7.0m	-	-	-	-	4.68	3.74	-	-	-	-	-
6.0m	-	-	-	-	4.71	3.84	3.18	2.62	-	-	-
5.0m	-	-	-	-	4.57	3.75	3.13	2.64	2.2	-	-
4.0m	-	-	-	-	-	3.56	3	2.54	2.15	1.81	-
3.0m	-	-	-	-	-	-	2.82	2.4	2.05	1.76	-
2.0m	-	-	-	-	-	-	2.65	2.26	1.95	1.69	-
1.0m	-	-	-	-	-	-	2.5	2.15	1.86	1.63	-
0.0m	-	-	-	-	-	2.83	2.41	2.08	1.81	1.61	-
-1.0m	-	-	-	-	3.34	2.81	2.4	2.07	1.84	-	-
-2.0m	-	7.5	5.39	4.18	3.41	2.87	2.47	2.22	-	-	-

NETWORK RAIL DUTIES


SECTOR B

Road
71% SWL
Unlocked




	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
7.0m											
6.0m	-	-	-	-	3.8	3.16	2.67	-	-	-	-
5.0m	-	-	-	-	3.72	3.12	2.65	2.28	1.96	-	-
4.0m	-	-	-	-	-	3	2.57	2.23	1.94	1.69	-
3.0m	-	-	-	-	-	-	2.45	2.14	1.88	1.67	-
2.0m	-	-	-	-	-	-	2.32	2.05	1.82	1.62	-
1.0m	-	-	-	-	-	-	2.22	1.97	1.75	1.58	-
0.0m	-	-	-	-	-	2.46	2.16	1.91	1.72	1.56	-
-1.0m	-	-	-	-	2.83	2.44	2.14	1.9	1.72	-	-
-2.0m	-	-	4.24	3.42	2.87	2.47	2.17	1.95	-	-	-

Level Rail
0-50mm
67% SWL
Unlocked



	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
7.0m	-	-	-	-	3.23	2.63	-	-	-	-	-
6.0m	-	-	-	-	3.25	2.7	2.27	1.91	-	-	-
5.0m	-	-	-	-	3.15	2.64	2.24	1.92	1.65	-	-
4.0m	-	-	-	-	-	2.51	2.15	1.86	1.62	1.41	-
3.0m	-	-	-	-	-	-	2.03	1.77	1.56	1.38	-
2.0m	-	-	-	-	-	-	1.92	1.69	1.5	1.33	-
1.0m	-	-	-	-	-	-	1.83	1.62	1.44	1.3	-
0.0m	-	-	-	-	-	2.03	1.78	1.57	1.41	1.28	-
-1.0m	-	-	-	-	2.35	2.02	1.77	1.57	1.42	-	-
-2.0m	-	4.65	3.55	2.86	2.39	2.06	1.81	1.66	-	-	-

Road
71% SWL
Locked




	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
7.0m											
6.0m	-	-	-	-	5.33	4.56	3.94	-	-	-	-
5.0m	-	-	-	-	5.26	4.52	3.93	3.45	3.04	-	-
4.0m	-	-	-	-	-	4.4	3.85	3.4	3.03	2.7	-
3.0m	-	-	-	-	-	-	3.74	3.32	2.97	2.68	-
2.0m	-	-	-	-	-	-	3.62	3.23	2.91	2.63	-
1.0m	-	-	-	-	-	-	3.52	3.16	2.85	2.59	-
0.0m	-	-	-	-	-	3.9	3.46	3.11	2.82	2.57	-
-1.0m	-	-	-	-	4.45	3.88	3.45	3.1	2.82	-	-
-2.0m	-	-	6.31	5.24	4.48	3.91	3.47	3.14	-	-	-

Level Rail
0-50mm
90% SWL
Locked




	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
7.0m	-	-	-	-	5.93	4.8	-	-	-	-	-
6.0m	-	-	-	-	5.96	4.9	4.09	3.44	-	-	-
5.0m	-	-	-	-	5.20a	4.8	4.05	3.46	2.97	-	-
4.0m	-	-	-	-	-	4.61	3.91	3.37	2.93	2.54	-
3.0m	-	-	-	-	-	-	3.74	3.24	2.84	2.48	-
2.0m	-	-	-	-	-	-	3.56	3.11	2.74	2.41	-
1.0m	-	-	-	-	-	-	3.43	3.01	2.66	2.35	-
0.0m	-	-	-	-	-	3.88	3.35	2.95	2.62	2.33	-
-1.0m	-	-	-	-	4.58	3.86	3.34	2.94	2.64	-	-
-2.0m	-	8.28b	7.32	5.69	4.64	3.92	3.4	3.07b	-	-	-

Canted Rail
50-150mm
67% SWL
Unlocked




	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
7.0m	-	-	-	-	2.78	2.25	-	-	-	-	-
6.0m	-	-	-	-	2.8	2.32	1.94	1.61	-	-	-
5.0m	-	-	-	-	2.71	2.26	1.91	1.63	1.38	-	-
4.0m	-	-	-	-	-	2.13	1.82	1.57	1.36	1.17	-
3.0m	-	-	-	-	-	-	1.7	1.48	1.3	1.14	-
2.0m	-	-	-	-	-	-	1.59	1.39	1.23	1.09	-
1.0m	-	-	-	-	-	-	1.5	1.32	1.18	1.06	-
0.0m	-	-	-	-	-	1.65	1.45	1.28	1.15	1.05	-
-1.0m	-	-	-	-	1.91	1.64	1.44	1.28	1.16	-	-
-2.0m	-	3.8	2.91	2.34	1.96	1.68	1.48	1.37	-	-	-

Max Cant + Twist 150-177mm
67% SWL
Unlocked




	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
7.0m	-	-	-	-	2.44	1.96	-	-	-	-	-
6.0m	-	-	-	-	2.46	2.03	1.69	1.39	-	-	-
5.0m	-	-	-	-	2.37	1.97	1.66	1.4	1.18	-	-
4.0m	-	-	-	-	-	1.85	1.57	1.34	1.16	0.99	-
3.0m	-	-	-	-	-	-	1.45	1.26	1.1	0.96	-
2.0m	-	-	-	-	-	-	1.34	1.17	1.03	0.91	-
1.0m	-	-	-	-	-	-	1.25	1.1	0.98	0.88	-
0.0m	-	-	-	-	-	1.37	1.2	1.06	0.95	0.86	-
-1.0m	-	-	-	-	1.59	1.36	1.19	1.06	0.96	-	-
-2.0m	-	3.17	2.42	1.95	1.63	1.4	1.24	1.15	-	-	-

Canted Rail
50-150mm
90% SWL
Locked



	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
7.0m	-	-	-	-	5.06	4.09	-	-	-	-	-
6.0m	-	-	-	-	5.09	4.19	3.5	2.93	-	-	-
5.0m	-	-	-	-	4.95	4.1	3.45	2.94	2.5	-	-
4.0m	-	-	-	-	-	3.91	3.32	2.86	2.46	2.1	-
3.0m	-	-	-	-	-	-	3.15	2.74	2.36	2.04	-
2.0m	-	-	-	-	-	-	2.98	2.6	2.26	1.97	-
1.0m	-	-	-	-	-	-	2.86	2.49	2.17	1.92	-
0.0m	-	-	-	-	-	3.21	2.78	2.42	2.13	1.9	-
-1.0m	-	-	-	-	3.76	3.19	2.77	2.42	2.15	-	-
-2.0m	-	8.07	5.92	4.65	3.83	3.25	2.83	2.56	-	-	-


Max Cant + Twist 150-177mm
90% SWL
Locked




	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
7.0m	-	-	-	-	4.68	3.74	-	-	-	-	-
6.0m	-	-	-	-	4.71	3.84	3.18	2.62	-	-	-
5.0m	-	-	-	-	4.57	3.75	3.13	2.64	2.2	-	-
4.0m	-	-	-	-	-	3.56	3	2.54	2.15	1.81	-
3.0m	-	-	-	-	-	-	2.82	2.4	2.05	1.76	-
2.0m	-	-	-	-	-	-	2.65	2.26	1.95	1.69	-
1.0m	-	-	-	-	-	-	2.5	2.15	1.86	1.63	-
0.0m	-	-	-	-	-	2.83	2.41	2.08	1.81	1.61	-
-1.0m	-	-	-	-	3.34	2.81	2.4	2.07	1.84	-	-
-2.0m	-	7.5	5.39	4.18	3.41	2.87	2.47	2.22	-	-	-

NETWORK RAIL DUTIES


SECTOR C

Road
71% SWL
Unlocked


	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
7.0m											
6.0m	-	-	-	-	3.8	3.16	2.67	-	-	-	-
5.0m	-	-	-	-	3.72	3.12	2.65	2.28	1.96	-	-
4.0m	-	-	-	-	-	3	2.57	2.23	1.94	1.69	-
3.0m	-	-	-	-	-	-	2.45	2.14	1.88	1.67	-
2.0m	-	-	-	-	-	-	2.32	2.04	1.81	1.62	-
1.0m	-	-	-	-	-	-	2.22	1.97	1.75	1.58	-
0.0m	-	-	-	-	-	2.46	2.16	1.91	1.72	1.56	-
-1.0m	-	-	-	-	2.83	2.44	2.14	1.9	1.72	-	-
-2.0m	-	-	4.24	3.42	2.87	2.47	2.17	1.95	-	-	-

Level Rail
0-50mm
67% SWL
Unlocked



	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
7.0m	-	-	-	-	2.78	2.28	-	-	-	-	-
6.0m	-	-	-	-	2.8	2.34	1.98	1.66	-	-	-
5.0m	-	-	-	-	2.72	2.28	1.95	1.67	1.44	-	-
4.0m	-	-	-	-	-	2.17	1.86	1.61	1.41	1.22	-
3.0m	-	-	-	-	-	-	1.75	1.53	1.35	1.19	-
2.0m	-	-	-	-	-	-	1.64	1.45	1.29	1.15	-
1.0m	-	-	-	-	-	-	1.56	1.38	1.24	1.11	-
0.0m	-	-	-	-	-	1.71	1.51	1.34	1.21	1.1	-
-1.0m	-	-	-	-	1.97	1.7	1.5	1.34	1.22	-	-
-2.0m	-	3.7	2.9	2.37	2.01	1.74	1.54	1.42	-	-	-

Road
71% SWL
Locked



	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
7.0m											
6.0m	-	-	-	-	5.33	4.56	3.94	-	-	-	-
5.0m	-	-	-	-	5.26	4.52	3.93	3.45	3.04	-	-
4.0m	-	-	-	-	-	4.4	3.85	3.4	3.03	2.7	-
3.0m	-	-	-	-	-	-	3.74	3.32	2.97	2.68	-
2.0m	-	-	-	-	-	-	3.62	3.23	2.91	2.63	-
1.0m	-	-	-	-	-	-	3.52	3.16	2.85	2.59	-
0.0m	-	-	-	-	-	3.9	3.46	3.11	2.82	2.57	-
-1.0m	-	-	-	-	4.45	3.88	3.45	3.1	2.82	-	-
-2.0m	-	-	6.31	5.24	4.48	3.91	3.47	3.14	-	-	-

Level Rail
0-50mm
90% SWL
Locked



	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
7.0m	-	-	-	-	5.29	4.29	-	-	-	-	-
6.0m	-	-	-	-	5.32	4.38	3.67	3.08	-	-	-
5.0m	-	-	-	-	5.18	4.3	3.63	3.1	2.66	-	-
4.0m	-	-	-	-	-	4.11	3.5	3.01	2.61	2.24	-
3.0m	-	-	-	-	-	-	3.33	2.89	2.52	2.18	-
2.0m	-	-	-	-	-	-	3.16	2.76	2.41	2.11	-
1.0m	-	-	-	-	-	-	3.03	2.66	2.33	2.06	-
0.0m	-	-	-	-	-	3.4	2.96	2.59	2.28	2.04	-
-1.0m	-	-	-	-	3.99	3.39	2.94	2.59	2.3	-	-
-2.0m	-	8.28b	6.27	4.93	4.06	3.45	3.01	2.73	-	-	-

Canted Rail
50-150mm
67% SWL
Unlocked



	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
7.0m	-	-	-	-	2.56	2.05	-	-	-	-	-
6.0m	-	-	-	-	2.58	2.12	1.76	1.45	-	-	-
5.0m	-	-	-	-	2.49	2.06	1.73	1.46	1.23	-	-
4.0m	-	-	-	-	-	1.93	1.64	1.4	1.2	1.03	-
3.0m	-	-	-	-	-	-	1.52	1.31	1.14	1	-
2.0m	-	-	-	-	-	-	1.4	1.23	1.08	0.95	-
1.0m	-	-	-	-	-	-	1.31	1.16	1.03	0.92	-
0.0m	-	-	-	-	-	1.45	1.26	1.12	1	0.9	-
-1.0m	-	-	-	-	1.68	1.44	1.25	1.11	1.01	-	-
-2.0m	-	3.42	2.59	2.07	1.72	1.48	1.3	1.2	-	-	-

Max Cant + Twist
150-177mm
67% SWL
Unlocked


	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
7.0m	-	-	-	-	2.44	1.96	-	-	-	-	-
6.0m	-	-	-	-	2.46	2.03	1.69	1.39	-	-	-
5.0m	-	-	-	-	2.37	1.97	1.66	1.4	1.18	-	-
4.0m	-	-	-	-	-	1.85	1.57	1.34	1.16	0.99	-
3.0m	-	-	-	-	-	-	1.45	1.26	1.1	0.96	-
2.0m	-	-	-	-	-	-	1.34	1.17	1.03	0.91	-
1.0m	-	-	-	-	-	-	1.25	1.1	0.98	0.88	-
0.0m	-	-	-	-	-	1.37	1.2	1.06	0.95	0.86	-
-1.0m	-	-	-	-	1.59	1.36	1.19	1.06	0.96	-	-
-2.0m	-	3.17	2.42	1.95	1.63	1.4	1.24	1.15	-	-	-

Canted Rail
50-150mm
90% SWL
Locked



	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
7.0m	-	-	-	-	4.78	3.83	-	-	-	-	-
6.0m	-	-	-	-	4.82	3.93	3.25	2.7	-	-	-
5.0m	-	-	-	-	4.67	3.83	3.21	2.72	2.26	-	-
4.0m	-	-	-	-	-	3.64	3.07	2.62	2.22	1.87	-
3.0m	-	-	-	-	-	-	2.9	2.48	2.12	1.82	-
2.0m	-	-	-	-	-	-	2.73	2.34	2.02	1.75	-
1.0m	-	-	-	-	-	-	2.58	2.22	1.93	1.69	-
0.0m	-	-	-	-	-	2.92	2.5	2.16	1.88	1.67	-
-1.0m	-	-	-	-	3.44	2.9	2.48	2.15	1.9	-	-
-2.0m	-	7.72	5.55	4.3	3.51	2.96	2.56	2.29	-	-	-


Max Cant + Twist
150-177mm
90% SWL
Locked



	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
7.0m	-	-	-	-	4.68	3.74	-	-	-	-	-
6.0m	-	-	-	-	4.71	3.84	3.18	2.62	-	-	-
5.0m	-	-	-	-	4.57	3.75	3.13	2.64	2.2	-	-
4.0m	-	-	-	-	-	3.56	3	2.54	2.15	1.81	-
3.0m	-	-	-	-	-	-	2.82	2.4	2.05	1.76	-
2.0m	-	-	-	-	-	-	2.65	2.26	1.95	1.69	-
1.0m	-	-	-	-	-	-	2.5	2.15	1.86	1.63	-
0.0m	-	-	-	-	-	2.83	2.41	2.08	1.81	1.61	-
-1.0m	-	-	-	-	3.34	2.81	2.4	2.07	1.84	-	-
-2.0m	-	7.5	5.39	4.18	3.41	2.87	2.47	2.22	-	-	-


NETWORK RAIL DUTIES


SECTOR D


	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
Road											
87% SWL											
Unlocked											
											
7.0m											
6.0m	-	-	-	-	6.00b	5.82b	5.73b	-	-	-	-
5.0m	-	-	-	-	5.30a	5.92b	5.67b	5.48b	4.9	-	-
4.0m	-	-	-	-	-	6.05a	5.97b	5.63b	4.88	4.12	-
3.0m	-	-	-	-	-	-	6.42b	5.72	4.78	4.08	-
2.0m	-	-	-	-	-	-	6.81	5.56	4.67	4.01	-
1.0m	-	-	-	-	-	-	6.63	5.43	4.58	3.94	-
0.0m	-	-	-	-	-	7.81b	6.51	5.34	4.52	3.91	-
-1.0m	-	-	-	-	8.08b	7.16b	6.35b	5.32	4.52	-	-
-2.0m	-	-	8.20b	7.42b	6.64b	5.87b	5.08b	4.07b	-	-	-


	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
Level Rail											
0-50mm											
67% SWL											
Unlocked											
											
7.0m	-	-	-	-	4.05	3.38	-	-	-	-	-
6.0m	-	-	-	-	4.07	3.45	2.95	2.54	-	-	-
5.0m	-	-	-	-	3.98	3.39	2.92	2.55	2.23	-	-
4.0m	-	-	-	-	-	3.27	2.84	2.49	2.2	1.95	-
3.0m	-	-	-	-	-	-	2.73	2.41	2.14	1.92	-
2.0m	-	-	-	-	-	-	2.61	2.32	2.08	1.88	-
1.0m	-	-	-	-	-	-	2.53	2.26	2.03	1.84	-
0.0m	-	-	-	-	-	2.81	2.48	2.22	2	1.83	-
-1.0m	-	-	-	-	3.22	2.8	2.47	2.21	2.01	-	-
-2.0m	-	5.94	4.68	3.85	3.26	2.84	2.51	2.3	-	-	-


	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
Road											
71% SWL											
Locked											
											
7.0m											
6.0m	-	-	-	-	5.33	4.56	3.94	-	-	-	-
5.0m	-	-	-	-	5.26	4.52	3.93	3.45	3.04	-	-
4.0m	-	-	-	-	-	4.4	3.85	3.4	3.03	2.7	-
3.0m	-	-	-	-	-	-	3.74	3.32	2.97	2.68	-
2.0m	-	-	-	-	-	-	3.62	3.23	2.91	2.63	-
1.0m	-	-	-	-	-	-	3.52	3.16	2.85	2.59	-
0.0m	-	-	-	-	-	3.9	3.46	3.11	2.82	2.57	-
-1.0m	-	-	-	-	4.45	3.88	3.45	3.1	2.82	-	-
-2.0m	-	-	6.31	5.24	4.48	3.91	3.47	3.14	-	-	-

	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
Level Rail											
0-50mm											
75% SWL											
Locked											
											
7.0m	-	-	-	-	6.29b	5.78	-	-	-	-	-
6.0m	-	-	-	-	6.00b	5.80b	4.99	4.29	-	-	-
5.0m	-	-	-	-	5.20a	5.79	4.95	4.3	3.76	-	-
4.0m	-	-	-	-	-	5.63	4.85	4.23	3.73	3.31	-
3.0m	-	-	-	-	-	-	4.7	4.13	3.66	3.27	-
2.0m	-	-	-	-	-	-	4.56	4.02	3.58	3.22	-
1.0m	-	-	-	-	-	-	4.46	3.94	3.52	3.17	-
0.0m	-	-	-	-	-	5.05	4.4	3.89	3.48	3.16	-
-1.0m	-	-	-	-	5.9	5.03	4.38	3.88	3.5	-	-
-2.0m	-	8.28b	7.65b	6.94b	5.96	5.08	4.44	3.07b	-	-	-

	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
Canted Rail											
50-150mm											
67% SWL											
Unlocked											
											
7.0m	-	-	-	-	3.22	2.71	-	-	-	-	-
6.0m	-	-	-	-	3.24	2.76	2.38	2.05	-	-	-
5.0m	-	-	-	-	3.16	2.71	2.35	2.06	1.8	-	-
4.0m	-	-	-	-	-	2.6	2.27	2.01	1.78	1.58	-
3.0m	-	-	-	-	-	-	2.17	1.93	1.72	1.55	-
2.0m	-	-	-	-	-	-	2.07	1.85	1.67	1.51	-
1.0m	-	-	-	-	-	-	1.99	1.79	1.62	1.47	-
0.0m	-	-	-	-	-	2.18	1.95	1.75	1.59	1.46	-
-1.0m	-	-	-	-	2.47	2.17	1.94	1.75	1.6	-	-
-2.0m	-	4.28	3.47	2.92	2.51	2.21	1.98	1.83	-	-	-

	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
Max Cant + Twist											
150-177mm											
67% SWL											
Unlocked											
											
7.0m	-	-	-	-	2.44	1.96	-	-	-	-	-
6.0m	-	-	-	-	2.46	2.03	1.69	1.39	-	-	-
5.0m	-	-	-	-	2.37	1.97	1.66	1.4	1.18	-	-
4.0m	-	-	-	-	-	1.85	1.57	1.34	1.16	0.99	-
3.0m	-	-	-	-	-	-	1.45	1.26	1.1	0.96	-
2.0m	-	-	-	-	-	-	1.34	1.17	1.03	0.91	-
1.0m	-	-	-	-	-	-	1.25	1.1	0.98	0.88	-
0.0m	-	-	-	-	-	1.37	1.2	1.06	0.95	0.86	-
-1.0m	-	-	-	-	1.59	1.36	1.19	1.06	0.96	-	-
-2.0m	-	3.17	2.42	1.95	1.63	1.4	1.24	1.15	-	-	-


	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
Canted Rail											
50-150mm											
75% SWL											
Locked											
											
7.0m	-	-	-	-	6.05	5.06	-	-	-	-	-
6.0m	-	-	-	-	6.00b	5.14	4.41	3.81	-	-	-
5.0m	-	-	-	-	5.20a	5.07	4.38	3.83	3.36	-	-
4.0m	-	-	-	-	-	4.93	4.28	3.76	3.33	2.97	-
3.0m	-	-	-	-	-	-	4.15	3.66	3.26	2.93	-
2.0m	-	-	-	-	-	-	4.02	3.56	3.19	2.88	-
1.0m	-	-	-	-	-	-	3.92	3.49	3.13	2.84	-
0.0m	-	-	-	-	-	4.39	3.86	3.44	3.1	2.83	-
-1.0m	-	-	-	-	5.07	4.37	3.85	3.44	3.11	-	-
-2.0m	-	8.28b	7.47	6.08	5.12	4.42	3.9	3.07b	-	-	-

	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
Max Cant + Twist											
150-177mm											
90% SWL											
Locked											
											
7.0m	-	-	-	-	4.68	3.74	-	-	-	-	-
6.0m	-	-	-	-	4.71	3.84	3.18	2.62	-	-	-
5.0m	-	-	-	-	4.57	3.75	3.13	2.64	2.2	-	-
4.0m	-	-	-	-	-	3.56	3	2.54	2.15	1.81	-
3.0m	-	-	-	-	-	-	2.82	2.4	2.05	1.76	-
2.0m	-	-	-	-	-	-	2.65	2.26	1.95	1.69	-
1.0m	-	-	-	-	-	-	2.5	2.15	1.86	1.63	-
0.0m</											

NETWORK RAIL DUTIES

SECTOR E

Road
87% SWL
Unlocked



	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
7.0m											
6.0m	-	-	-	-	6.00b	5.82b	5.73b	-	-	-	-
5.0m	-	-	-	-	5.30a	5.92b	5.67b	5.48b	4.9	-	-
4.0m	-	-	-	-	-	6.05a	5.97b	5.63b	4.88	4.12	-
3.0m	-	-	-	-	-	-	6.42b	5.72	4.78	4.08	-
2.0m	-	-	-	-	-	-	6.81	5.56	4.67	4.01	-
1.0m	-	-	-	-	-	-	6.63	5.43	4.58	3.94	-
0.0m	-	-	-	-	-	7.81b	6.51	5.34	4.52	3.91	-
-1.0m	-	-	-	-	8.08b	7.16b	6.35b	5.32	4.52	-	-
-2.0m	-	-	8.20b	7.42b	6.64b	5.87b	5.08b	4.07b	-	-	-

Level Rail

0-50mm


87% SWL

Unlocked



	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
7.0m	-	-	-	-	6.29b	6.30b	-	-	-	-	-
6.0m	-	-	-	-	6.00b	5.80b	5.67b	5.67b	-	-	-
5.0m	-	-	-	-	5.20a	5.89a	5.71b	5.49b	5.36b	-	-
4.0m	-	-	-	-	-	6.26a	6.06b	5.69b	5.40b	5.18b	-
3.0m	-	-	-	-	-	-	6.52b	6.00b	5.58b	5.22b	-
2.0m	-	-	-	-	-	-	6.92b	6.26b	5.73b	5.27b	-
1.0m	-	-	-	-	-	-	7.07b	6.34b	5.72b	5.16b	-
0.0m	-	-	-	-	-	7.72b	6.85b	6.10b	5.43b	4.64b	-
-1.0m	-	-	-	-	7.83b	6.95b	6.15b	5.39b	4.49b	-	-
-2.0m	-	8.28b	7.65b	6.94b	6.21b	5.47b	4.64b	3.07b	-	-	-

Road
71% SWL
Locked



	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
7.0m											
6.0m	-	-	-	-	6.00b	5.63	4.85	-	-	-	-
5.0m	-	-	-	-	5.30a	5.58	4.84	4.24	3.73	-	-
4.0m	-	-	-	-	-	5.46	4.75	4.18	3.72	3.32	-
3.0m	-	-	-	-	-	-	4.63	4.1	3.66	3.29	-
2.0m	-	-	-	-	-	-	4.51	4	3.59	3.24	-
1.0m	-	-	-	-	-	-	4.4	3.92	3.53	3.2	-
0.0m	-	-	-	-	-	4.93	4.34	3.87	3.49	3.18	-
-1.0m	-	-	-	-	5.67	4.91	4.32	3.86	3.49	-	-
-2.0m	-	-	8.20b	6.76	5.7	4.93	4.35	3.91	-	-	-

Level Rail

0-50mm


87% SWL

Locked



	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
7.0m	-	-	-	-	6.29b	6.30b	-	-	-	-	-
6.0m	-	-	-	-	6.00b	5.80b	5.67b	5.67b	-	-	-
5.0m	-	-	-	-	5.20a	5.89a	5.71b	5.49b	5.36b	-	-
4.0m	-	-	-	-	-	6.26a	6.06b	5.69b	5.40b	5.18b	-
3.0m	-	-	-	-	-	-	6.52b	6.00b	5.58b	5.22b	-
2.0m	-	-	-	-	-	-	6.92b	6.26b	5.73b	5.27b	-
1.0m	-	-	-	-	-	-	7.07b	6.34b	5.72b	5.16b	-
0.0m	-	-	-	-	-	7.72b	6.85b	6.10b	5.43b	4.64b	-
-1.0m	-	-	-	-	7.83b	6.95b	6.15b	5.39b	4.49b	-	-
-2.0m	-	8.28b	7.65b	6.94b	6.21b	5.47b	4.64b	3.07b	-	-	-

Canted Rail
50-150mm
87% SWL
Unlocked



	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
7.0m	-	-	-	-	6.29b	6.30b	-	-	-	-	-
6.0m	-	-	-	-	6.00b	5.80b	5.67b	5.67b	-	-	-
5.0m	-	-	-	-	5.20a	5.89a	5.71b	5.49b	5.36b	-	-
4.0m	-	-	-	-	-	6.26a	6.06b	5.69b	5.40b	5.18b	-
3.0m	-	-	-	-	-	-	6.52b	6.00b	5.58b	5.22b	-
2.0m	-	-	-	-	-	-	6.92b	6.26b	5.73b	5.27b	-
1.0m	-	-	-	-	-	-	7.07b	6.34b	5.72b	5.16b	-
0.0m	-	-	-	-	-	7.72b	6.85b	6.10b	5.43b	4.64b	-
-1.0m	-	-	-	-	7.83b	6.95b	6.15b	5.39b	4.49b	-	-
-2.0m	-	8.28b	7.65b	6.94b	6.21b	5.47b	4.64b	3.07b	-	-	-

Max Cant

+ Twist
150-177mm


67% SWL

Unlocked



	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
7.0m	-	-	-	-	2.44	1.96	-	-	-	-	-
6.0m	-	-	-	-	2.46	2.03	1.69	1.39	-	-	-
5.0m	-	-	-	-	2.37	1.97	1.66	1.4	1.18	-	-
4.0m	-	-	-	-	-	1.85	1.57	1.34	1.16	0.99	-
3.0m	-	-	-	-	-	-	1.45	1.26	1.1	0.96	-
2.0m	-	-	-	-	-	-	1.34	1.17	1.03	0.91	-
1.0m	-	-	-	-	-	-	1.25	1.1	0.98	0.88	-
0.0m	-	-	-	-	-	1.37	1.2	1.06	0.95	0.86	-
-1.0m	-	-	-	-	1.59	1.36	1.19	1.06	0.96	-	-
-2.0m	-	3.17	2.42	1.95	1.63	1.4	1.24	1.15	-	-	-

Canted Rail
50-150mm
87% SWL
Locked



	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
7.0m	-	-	-	-	6.29b	6.30b	-	-	-	-	-
6.0m	-	-	-	-	6.00b	5.80b	5.67b	5.67b	-	-	-
5.0m	-	-	-	-	5.20a	5.89a	5.71b	5.49b	5.36b	-	-
4.0m	-	-	-	-	-	6.26a	6.06b	5.69b	5.40b	5.18b	-
3.0m	-	-	-	-	-	-	6.52b	6.00b	5.58b	5.22b	-
2.0m	-	-	-	-	-	-	6.92b	6.26b	5.73b	5.27b	-
1.0m	-	-	-	-	-	-	7.07b	6.34b	5.72b	5.16b	-
0.0m	-	-	-	-	-	7.72b	6.85b	6.10b	5.43b	4.64b	-
-1.0m	-	-	-	-	7.83b	6.95b	6.15b	5.39b	4.49b	-	-
-2.0m	-	8.28b	7.65b	6.94b	6.21b	5.47b	4.64b	3.07b	-	-	-

Max Cant

+ Twist
150-177mm

90% SWL

Locked



	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
7.0m	-	-	-	-	4.68	3.74	-	-	-	-	-
6.0m	-	-	-	-	4.71	3.84	3.18	2.62	-	-	-
5.0m	-	-	-	-	4.57	3.75	3.13	2.64	2.2	-	-
4.0m	-	-	-	-	-	3.56	3	2.54	2.15	1.81	-
3.0m	-	-	-	-	-	-	2.82	2.4	2.05	1.76	-
2.0m	-	-	-	-	-	-	2.65	2.26	1.95	1.69	-
1.0m	-	-	-	-	-	-	2.5	2.15	1.86	1.63	-
0.0m	-	-	-	-	-	2.83	2.41	2.08	1.81	1.61	-
-1.0m	-	-	-	-	3.34	2.81	2.4	2.07	1.84	-	-
-2.0m	-	7.5	5.39	4.18	3.41	2.87	2.47	2.22	-	-	-

LUL DUTIES

SECTOR A

	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
Road											
75% SWL					6.00b	5.82b	5.73b	-	-	-	-
Unlocked					5.30a	5.92b	5.67b	4.97	4.2	-	-
					6.05a	5.83	4.89	4.18	3.6	-	-
					-	5.65	4.77	4.1	3.57	-	-
					-	5.46	4.63	4	3.5	-	-
					-	5.3	4.51	3.91	3.44	-	-
					6.28	5.21	4.44	3.86	3.42	-	-
					7.85	6.25	5.18	4.42	3.86	-	-
			8.20b	7.42b	6.64b	5.87b	5.08b	4.07b	-	-	-



Level Rail

0-50mm

75% SWL

Unlocked



	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
Level Rail					6.29b	5.89	-	-	-	-	-
0-50mm					6.00b	5.80b	5.07	4.33	-	-	-
75% SWL					5.20a	5.89a	5.03	4.35	3.8	-	-
Unlocked					5.74	4.92	4.28	3.76	3.33	-	-
					-	4.77	4.17	3.69	3.29	-	-
					-	4.63	4.06	3.61	3.24	-	-
					-	4.52	3.98	3.55	3.19	-	-
					5.13	4.45	3.93	3.51	3.18	-	-
					6.03	5.12	4.44	3.92	3.53	-	-
		8.28b	7.65b	6.94b	6.09	5.17	4.5	3.07b	-	-	-

	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
Road											
75% SWL					6.00b	5.82b	5.73b	-	-	-	-
Locked					5.30a	5.92b	5.67b	5.48b	5.18	-	-
					6.05a	5.97b	5.63b	5.15	4.35	-	-
					-	6.42b	5.93b	5.05	4.31	-	-
					-	6.85b	5.87	4.94	4.23	-	-
					-	7	5.73	4.83	4.17	-	-
					7.81b	6.88	5.64	4.77	4.13	-	-
					8.08b	7.16b	6.35b	5.60b	4.77	-	-
			8.20b	7.42b	6.64b	5.87b	5.08b	4.07b	-	-	-



Level Rail

0-50mm

75% SWL

Locked



	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
Level Rail					6.29b	6.30b	-	-	-	-	-
0-50mm					6.00b	5.80b	5.67b	5.67b	-	-	-
75% SWL					5.20a	5.89a	5.71b	5.49b	5.36b	-	-
Locked					6.26a	6.06b	5.69b	5.40b	5.18b	-	-
					-	6.52b	6.00b	5.58b	5.22b	-	-
					-	6.92b	6.26b	5.73b	5.27b	-	-
					-	7.07b	6.34b	5.72b	5.16b	-	-
					7.72b	6.85b	6.10b	5.43b	4.64b	-	-
					7.83b	6.95b	6.15b	5.39b	4.49b	-	-
		8.28b	7.65b	6.94b	6.21b	5.47b	4.64b	3.07b	-	-	-

	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
Canted Rail					5.47	4.49	-	-	-	-	-
50-150mm					5.5	4.57	3.87	3.29	-	-	-
75% SWL					5.20a	4.5	3.83	3.31	2.87	-	-
Unlocked					4.35	3.72	3.23	2.84	2.5	-	-
					-	3.58	3.13	2.77	2.46	-	-
					-	3.44	3.03	2.69	2.41	-	-
					-	3.34	2.95	2.63	2.36	-	-
					3.76	3.28	2.9	2.59	2.35	-	-
					4.4	3.75	3.26	2.89	2.61	-	-
		8.28b	6.8	5.39	4.45	3.8	3.32	3	-	-	-



Max Cant + Twist

150-177mm

75% SWL

Unlocked



	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
Max Cant + Twist					2.73	2.2	-	-	-	-	-
150-177mm					2.76	2.27	1.89	1.56	-	-	-
75% SWL					2.65	2.2	1.85	1.57	1.32	-	-
Unlocked					2.07	1.75	1.5	1.29	1.11	-	-
					-	1.63	1.41	1.23	1.07	-	-
					-	1.5	1.31	1.16	1.02	-	-
					-	1.4	1.24	1.1	0.98	-	-
					1.54	1.34	1.19	1.07	0.97	-	-
					1.78	1.53	1.33	1.19	1.08	-	-
		3.54	2.71	2.19	1.83	1.57	1.38	1.28	-	-	-

	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
Canted Rail					6.29b	5.95	-	-	-	-	-
50-150mm					6.00b	5.80b	5.07	4.31	-	-	-
75% SWL					5.20a	5.89a	5.03	4.32	3.75	-	-
Locked					5.79	4.91	4.25	3.71	3.27	-	-
					-	4.76	4.14	3.64	3.23	-	-
					-	4.61	4.02	3.55	3.17	-	-
					-	4.49	3.93	3.49	3.12	-	-
					5.14	4.43	3.88	3.45	3.11	-	-
					6.11	5.13	4.41	3.88	3.47	-	-
		8.28b	7.65b	6.94b	6.17	5.18	4.47	3.07b	-	-	-



Max Cant + Twist

150-177mm

75% SWL

Locked



	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
Max Cant + Twist					3.9	3.12	-	-	-	-	-
150-177mm					3.93	3.2	2.65	2.19	-	-	-
75% SWL					3.81	3.12	2.61	2.21	1.87	-	-
Locked					2.96	2.5	2.13	1.84	1.58	-	-
					-	2.35	2.03	1.77	1.54	-	-
					-	2.21	1.92	1.69	1.49	-	-
					-	2.1	1.84	1.62	1.45	-	-
					2.36	2.04	1.79	1.59	1.43	-	-
					2.78	2.34	2.02	1.78	1.6	-	-
		6.25	4.49	3.48	2.84	2.39	2.08	1.89	-	-	-

LUL DUTIES

SECTOR B

	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
Road											
75% SWL					4.01	3.34	2.82	-	-	-	-
Unlocked					3.93	3.29	2.8	2.41	2.07	-	-
					3.17	2.71	2.35	2.05	1.79	-	-
					-	2.59	2.26	1.99	1.76	-	-
					-	2.45	2.16	1.92	1.71	-	-
					-	2.34	2.08	1.85	1.67	-	-
					2.6	2.28	2.02	1.81	1.65	-	-
					2.99	2.57	2.26	2.01	1.81	-	-
			4.48	3.62	3.03	2.61	2.29	2.06	-	-	-



Level Rail

0-50mm

75% SWL

Unlocked



	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
Level Rail					3.61	2.95	-	-	-	-	-
0-50mm					3.64	3.02	2.54	2.14	-	-	-
75% SWL					3.53	2.95	2.51	2.15	1.85	-	-
Unlocked					2.81	2.41	2.08	1.81	1.58	-	-
					-	2.27	1.99	1.75	1.54	-	-
					-	2.14	1.89	1.67	1.49	-	-
					-	2.04	1.81	1.61	1.45	-	-
					2.27	1.99	1.76	1.58	1.44	-	-
					2.63	2.26	1.98	1.76	1.59	-	-
		5.2	3.97	3.2	2.68	2.3	2.03	1.86	-	-	-

	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
Road											
75% SWL					5.63	4.81	4.16	-	-	-	-
Locked					5.30a	4.77	4.15	3.65	3.22	-	-
					4.65	4.07	3.59	3.2	2.85	-	-
					-	3.95	3.51	3.14	2.83	-	-
					-	3.82	3.41	3.07	2.78	-	-
					-	3.72	3.33	3.01	2.74	-	-
					4.12	3.66	3.28	2.97	2.72	-	-
					4.7	4.1	3.64	3.27	2.97	-	-
		6.67	5.54	4.73	4.13	3.67	3.32	-	-	-	-



Level Rail

0-50mm

75% SWL

Locked



	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
Level Rail					4.94	4	-	-	-	-	-
0-50mm					4.97	4.08	3.41	2.86	-	-	-
75% SWL					4.85	4	3.37	2.88	2.47	-	-
Locked					3.84	3.26	2.81	2.44	2.13	-	-
					-	3.11	2.7	2.37	2.09	-	-
					-	2.97	2.59	2.29	2.03	-	-
					-	2.86	2.51	2.22	1.99	-	-
					3.23	2.79	2.46	2.19	1.98	-	-
					3.81	3.22	2.78	2.45	2.2	-	-
		8.28b	6.1	4.74	3.87	3.27	2.84	2.56	-	-	-

	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
Canted Rail					3.11	2.52	-	-	-	-	-
50-150mm					3.13	2.59	2.17	1.81	-	-	-
75% SWL					3.03	2.53	2.13	1.82	1.55	-	-
Unlocked					2.39	2.04	1.75	1.52	1.31	-	-
					-	1.91	1.66	1.45	1.27	-	-
					-	1.78	1.56	1.38	1.22	-	-
					-	1.68	1.48	1.32	1.18	-	-
					1.85	1.62	1.44	1.29	1.17	-	-
					2.14	1.84	1.61	1.43	1.3	-	-
		4.25	3.25	2.62	2.19	1.88	1.66	1.53	-	-	-



**Max Cant + Twist
150-177mm**

75% SWL

Unlocked



	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
Max Cant + Twist 150-177mm					2.73	2.2	-	-	-	-	-
75% SWL					2.76	2.27	1.89	1.56	-	-	-
Unlocked					2.65	2.2	1.85	1.57	1.32	-	-
					2.07	1.75	1.5	1.29	1.11	-	-
					-	1.63	1.41	1.23	1.07	-	-
					-	1.5	1.31	1.16	1.02	-	-
					-	1.4	1.24	1.1	0.98	-	-
					1.54	1.34	1.19	1.07	0.97	-	-
					1.78	1.53	1.33	1.19	1.08	-	-
		3.54	2.71	2.19	1.83	1.57	1.38	1.28	-	-	-

	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
Canted Rail					4.21	3.41	-	-	-	-	-
50-150mm					4.24	3.49	2.91	2.44	-	-	-
75% SWL					4.13	3.41	2.88	2.45	2.1	-	-
Locked					3.26	2.77	2.38	2.07	1.8	-	-
					-	2.63	2.28	2	1.76	-	-
					-	2.49	2.18	1.92	1.71	-	-
					-	2.38	2.09	1.86	1.66	-	-
					2.67	2.32	2.04	1.82	1.65	-	-
					3.13	2.66	2.31	2.04	1.84	-	-
		6.72	4.93	3.88	3.19	2.71	2.36	2.14	-	-	-



**Max Cant + Twist
150-177mm**

75% SWL

Locked



	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
Max Cant + Twist 150-177mm					3.9	3.12	-	-	-	-	-
75% SWL					3.93	3.2	2.65	2.19	-	-	-
Locked					3.81	3.12	2.61	2.21	1.87	-	-
					2.96	2.5	2.13	1.84	1.58	-	-
					-	2.35	2.03	1.77	1.54	-	-
					-	2.21	1.92	1.69	1.49	-	-
					-	2.1	1.84	1.62	1.45	-	-
					2.36	2.04	1.79	1.59	1.43	-	-
					2.78	2.34	2.02	1.78	1.6	-	-
		6.25	4.49	3.48	2.84	2.39	2.08	1.89	-	-	-

LUL DUTIES

SECTOR C

	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
Road											
75% SWL					4.01	3.34	2.82	-	-	-	-
Unlocked					3.93	3.29	2.8	2.41	2.07	-	-
					3.17	2.71	2.35	2.05	1.79	-	-
					-	2.59	2.26	1.99	1.76	-	-
					-	2.45	2.16	1.92	1.71	-	-
					-	2.34	2.08	1.85	1.67	-	-
					2.6	2.28	2.02	1.81	1.65	-	-
					2.99	2.57	2.26	2.01	1.81	-	-
			4.48	3.62	3.03	2.61	2.29	2.06	-	-	-



Level Rail

0-50mm

75% SWL

Unlocked



	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
Level Rail						3.11	2.55	-	-	-	-
0-50mm					3.14	2.62	2.21	1.86	-	-	-
75% SWL					3.04	2.56	2.18	1.87	1.61	-	-
Unlocked					2.42	2.08	1.81	1.58	1.37	-	-
					-	1.96	1.72	1.51	1.34	-	-
					-	1.84	1.62	1.44	1.29	-	-
					-	1.74	1.55	1.39	1.25	-	-
					1.92	1.69	1.5	1.35	1.24	-	-
					2.2	1.9	1.68	1.5	1.37	-	-
		4.14	3.24	2.66	2.25	1.95	1.72	1.59	-	-	-

	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
Road											
75% SWL					5.63	4.81	4.16	-	-	-	-
Locked					5.30a	4.77	4.15	3.65	3.22	-	-
					4.65	4.07	3.59	3.2	2.85	-	-
					-	3.95	3.51	3.14	2.83	-	-
					-	3.82	3.41	3.07	2.78	-	-
					-	3.72	3.33	3.01	2.74	-	-
					4.12	3.66	3.28	2.97	2.72	-	-
					4.7	4.1	3.64	3.27	2.97	-	-
		6.67	5.54	4.73	4.13	3.67	3.32	-	-	-	-



Level Rail

0-50mm

75% SWL

Locked



	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
Level Rail						4.41	3.57	-	-	-	-
0-50mm					4.43	3.65	3.06	2.57	-	-	-
75% SWL					4.32	3.58	3.02	2.58	2.22	-	-
Locked					3.43	2.91	2.51	2.18	1.9	-	-
					-	2.77	2.41	2.11	1.86	-	-
					-	2.63	2.3	2.04	1.81	-	-
					-	2.52	2.22	1.97	1.77	-	-
					2.84	2.46	2.17	1.94	1.75	-	-
					3.33	2.82	2.45	2.17	1.95	-	-
		7.11	5.22	4.11	3.38	2.87	2.5	2.27	-	-	-

	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
Canted Rail						2.86	2.3	-	-	-	-
50-150mm					2.89	2.37	1.97	1.62	-	-	-
75% SWL					2.78	2.3	1.93	1.63	1.38	-	-
Unlocked					2.16	1.83	1.57	1.35	1.15	-	-
					-	1.7	1.47	1.28	1.12	-	-
					-	1.57	1.37	1.21	1.07	-	-
					-	1.47	1.29	1.15	1.02	-	-
					1.62	1.41	1.25	1.12	1.01	-	-
					1.88	1.61	1.4	1.24	1.13	-	-
		3.83	2.9	2.32	1.93	1.65	1.45	1.34	-	-	-



Max Cant + Twist 150-177mm

75% SWL

Unlocked



	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
Max Cant + Twist 150-177mm						2.73	2.2	-	-	-	-
75% SWL					2.76	2.27	1.89	1.56	-	-	-
Unlocked					2.65	2.2	1.85	1.57	1.32	-	-
					2.07	1.75	1.5	1.29	1.11	-	-
					-	1.63	1.41	1.23	1.07	-	-
					-	1.5	1.31	1.16	1.02	-	-
					-	1.4	1.24	1.1	0.98	-	-
					1.54	1.34	1.19	1.07	0.97	-	-
					1.78	1.53	1.33	1.19	1.08	-	-
		3.54	2.71	2.19	1.83	1.57	1.38	1.28	-	-	-

	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
Canted Rail						3.99	3.19	-	-	-	-
50-150mm					4.01	3.27	2.71	2.25	-	-	-
75% SWL					3.89	3.19	2.67	2.26	1.92	-	-
Locked					3.04	2.56	2.19	1.89	1.63	-	-
					-	2.42	2.08	1.82	1.59	-	-
					-	2.27	1.98	1.74	1.54	-	-
					-	2.16	1.89	1.67	1.49	-	-
					2.43	2.1	1.84	1.64	1.48	-	-
					2.87	2.42	2.09	1.84	1.65	-	-
		6.43	4.62	3.59	2.92	2.47	2.14	1.95	-	-	-



Max Cant + Twist 150-177mm

75% SWL

Locked



	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
Max Cant + Twist 150-177mm						3.9	3.12	-	-	-	-
75% SWL					3.93	3.2	2.65	2.19	-	-	-
Locked					3.81	3.12	2.61	2.21	1.87	-	-
					2.96	2.5	2.13	1.84	1.58	-	-
					-	2.35	2.03	1.77	1.54	-	-
					-	2.21	1.92	1.69	1.49	-	-
					-	2.1	1.84	1.62	1.45	-	-
					2.36	2.04	1.79	1.59	1.43	-	-
					2.78	2.34	2.02	1.78	1.6	-	-
		6.25	4.49	3.48	2.84	2.39	2.08	1.89	-	-	-

LUL DUTIES

SECTOR D

	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
Road											
75% SWL					6.00b	5.82b	5.73b	-	-	-	-
Unlocked					5.30a	5.92b	5.67b	5.48b	5.18	-	-
					6.05a	5.97b	5.63b	5.15	4.35	-	-
					-	6.42b	5.93b	5.05	4.31	-	-
					-	6.85b	5.87	4.94	4.23	-	-
					-	-	7	5.73	4.83	4.17	-
					-	7.81b	6.88	5.64	4.77	4.13	-
					8.08b	7.16b	6.35b	5.60b	4.77	-	-
					8.20b	7.42b	6.64b	5.87b	5.08b	4.07b	-



Level Rail

0-50mm

75% SWL

Unlocked



	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
Level Rail					4.53	3.79	-	-	-	-	-
0-50mm					4.56	3.86	3.31	2.84	-	-	-
75% SWL					4.46	3.79	3.27	2.85	2.5	-	-
Unlocked					-	3.66	3.18	2.79	2.47	2.18	-
					-	-	3.05	2.7	2.4	2.15	-
					-	-	2.93	2.6	2.33	2.1	-
					-	-	2.83	2.53	2.27	2.06	-
					-	3.14	2.78	2.48	2.24	2.05	-
					3.61	3.13	2.77	2.48	2.25	-	-
					6.65	5.23	4.31	3.65	3.17	2.81	2.57

	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
Road					5.63	4.81	4.16	-	-	-	-
75% SWL					5.30a	4.77	4.15	3.65	3.22	-	-
Locked					-	4.65	4.07	3.59	3.2	2.85	-
					-	3.95	3.51	3.14	2.83	-	-
					-	3.82	3.41	3.07	2.78	-	-
					-	3.72	3.33	3.01	2.74	-	-
					-	4.12	3.66	3.28	2.97	2.72	-
					4.7	4.1	3.64	3.27	2.97	-	-
					6.67	5.54	4.73	4.13	3.67	3.32	-



Level Rail

0-50mm

75% SWL

Locked



	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
Level Rail					6.29b	5.23	-	-	-	-	-
0-50mm					6.00b	5.31	4.51	3.86	-	-	-
75% SWL					5.20a	5.24	4.47	3.87	3.38	-	-
Locked					-	5.08	4.36	3.8	3.34	2.96	-
					-	-	4.22	3.7	3.27	2.92	-
					-	-	4.08	3.59	3.2	2.87	-
					-	-	3.97	3.51	3.13	2.82	-
					-	4.49	3.91	3.46	3.1	2.81	-
					5.26	4.48	3.9	3.46	3.11	-	-
					8.28b	7.65b	6.43	5.31	4.53	3.95	3.07b

	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
Canted Rail					4.53	3.79	-	-	-	-	-
50-150mm					4.56	3.86	3.31	2.84	-	-	-
75% SWL					4.46	3.79	3.27	2.85	2.5	-	-
Unlocked					-	3.66	3.18	2.79	2.47	2.18	-
					-	-	3.05	2.7	2.4	2.15	-
					-	-	2.93	2.6	2.33	2.1	-
					-	-	2.83	2.53	2.27	2.06	-
					-	3.14	2.78	2.48	2.24	2.05	-
					3.61	3.13	2.77	2.48	2.25	-	-
					6.65	5.23	4.31	3.65	3.17	2.81	2.57



Max Cant + Twist 150-177mm

75% SWL

Unlocked



	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
Max Cant + Twist 150-177mm					2.73	2.2	-	-	-	-	-
75% SWL					2.76	2.27	1.89	1.56	-	-	-
Unlocked					2.65	2.2	1.85	1.57	1.32	-	-
					-	2.07	1.75	1.5	1.29	1.11	-
					-	-	1.63	1.41	1.23	1.07	-
					-	-	1.5	1.31	1.16	1.02	-
					-	-	1.4	1.24	1.1	0.98	-
					-	1.54	1.34	1.19	1.07	0.97	-
					1.78	1.53	1.33	1.19	1.08	-	-
					3.54	2.71	2.19	1.83	1.57	1.38	1.28

	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
Canted Rail					5.18	4.31	-	-	-	-	-
50-150mm					5.2	4.38	3.75	3.21	-	-	-
75% SWL					5.1	4.32	3.71	3.23	2.82	-	-
Locked					-	4.17	3.61	3.16	2.79	2.47	-
					-	-	3.48	3.07	2.72	2.43	-
					-	-	3.35	2.97	2.65	2.38	-
					-	-	3.25	2.89	2.59	2.34	-
					-	3.63	3.19	2.84	2.56	2.33	-
					4.2	3.62	3.18	2.84	2.57	-	-
					8.08	6.23	5.05	4.25	3.66	3.23	2.94



Max Cant + Twist 150-177mm

75% SWL

Locked



	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
Max Cant + Twist 150-177mm					3.9	3.12	-	-	-	-	-
75% SWL					3.93	3.2	2.65	2.19	-	-	-
Locked					3.81	3.12	2.61	2.21	1.87	-	-
					-	2.96	2.5	2.13	1.84	1.58	-
					-	-	2.35	2.03	1.77	1.54	-
					-	-	2.21	1.92	1.69	1.49	-
					-	-	2.1	1.84	1.62	1.45	-
					-	2.36	2.04	1.79	1.59	1.43	-
					2.78	2.34	2.02	1.78	1.6	-	-
					6.25	4.49	3.48	2.84	2.39	2.08	1.89

LUL DUTIES

SECTOR E

	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
Road											
75% SWL					6.00b	5.82b	5.73b	-	-	-	-
Unlocked					5.30a	5.92b	5.67b	5.48b	5.18	-	-
					6.05a	5.97b	5.63b	5.15	4.35	-	-
					-	6.42b	5.93b	5.05	4.31	-	-
					-	-	6.85b	5.87	4.94	4.23	-
					-	-	-	7	5.73	4.83	4.17
					-	7.81b	6.88	5.64	4.77	4.13	-
					-	8.08b	7.16b	6.35b	5.60b	4.77	-
					-	-	-	-	-	-	-



Level Rail

0-50mm

75% SWL

Unlocked



	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
Level Rail					6.29b	6.30b	-	-	-	-	-
0-50mm					6.00b	5.80b	5.67b	5.67b	-	-	-
75% SWL					5.20a	5.89a	5.71b	5.49b	5.36b	-	-
Unlocked					-	6.26a	6.06b	5.69b	5.40b	5.18b	-
					-	-	6.52b	6.00b	5.58b	5.22b	-
					-	-	-	6.92b	6.26b	5.73b	5.27b
					-	-	-	-	7.07b	6.34b	5.72b
					-	-	-	-	-	7.72b	6.85b
					-	-	-	-	-	-	7.72b
					-	-	-	-	-	-	-

	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
Road											
75% SWL					6.00b	5.82b	5.12	-	-	-	-
Locked					5.30a	5.9	5.11	4.48	3.94	-	-
					-	5.77	5.02	4.42	3.93	3.5	-
					-	-	4.89	4.33	3.87	3.47	-
					-	-	-	4.76	4.23	3.79	3.43
					-	-	-	4.65	4.14	3.73	3.38
					-	5.2	4.58	4.09	3.69	3.36	-
					-	5.99	5.18	4.56	4.08	3.69	-
					-	-	-	-	-	-	-



Level Rail

0-50mm

75% SWL

Locked



	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
Level Rail					6.29b	6.30b	-	-	-	-	-
0-50mm					6.00b	5.80b	5.67b	5.67b	-	-	-
75% SWL					5.20a	5.89a	5.71b	5.49b	5.36b	-	-
Locked					-	6.26a	6.06b	5.69b	5.40b	5.18b	-
					-	-	6.52b	6.00b	5.58b	5.22b	-
					-	-	-	6.92b	6.26b	5.73b	5.27b
					-	-	-	-	7.07b	6.34b	5.72b
					-	-	-	-	-	7.72b	6.85b
					-	-	-	-	-	-	7.72b
					-	-	-	-	-	-	-

	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
Canted Rail					6.29b	6.30b	-	-	-	-	-
50-150mm					6.00b	5.80b	5.67b	5.67b	-	-	-
75% SWL					5.20a	5.89a	5.71b	5.49b	5.36b	-	-
Unlocked					-	6.26a	6.06b	5.69b	5.40b	5.18b	-
					-	-	6.52b	6.00b	5.58b	5.22b	-
					-	-	6.92b	6.26b	5.73b	5.27b	-
					-	-	7.07b	6.34b	5.72b	5.16b	-
					-	7.72b	6.85b	6.10b	5.43b	4.64b	-
					-	7.83b	6.95b	6.15b	5.39b	4.49b	-
					-	8.28b	7.65b	6.94b	6.21b	5.47b	4.64b



Max Cant + Twist 150-177mm

75% SWL

Unlocked



	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
Max Cant + Twist 150-177mm					2.73	2.2	-	-	-	-	-
75% SWL					2.76	2.27	1.89	1.56	-	-	-
Unlocked					2.65	2.2	1.85	1.57	1.32	-	-
					-	2.07	1.75	1.5	1.29	1.11	-
					-	-	1.63	1.41	1.23	1.07	-
					-	-	-	1.5	1.31	1.16	1.02
					-	-	-	-	1.4	1.24	1.1
					-	-	-	-	-	1.54	1.34
					-	-	-	-	-	-	1.54
					-	-	-	-	-	-	-

	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
Canted Rail					6.29b	6.30b	-	-	-	-	-
50-150mm					6.00b	5.80b	5.67b	5.67b	-	-	-
75% SWL					5.20a	5.89a	5.71b	5.49b	5.36b	-	-
Locked					-	6.26a	6.06b	5.69b	5.40b	5.18b	-
					-	-	6.52b	6.00b	5.58b	5.22b	-
					-	-	6.92b	6.26b	5.73b	5.27b	-
					-	-	7.07b	6.34b	5.72b	5.16b	-
					-	7.72b	6.85b	6.10b	5.43b	4.64b	-
					-	7.83b	6.95b	6.15b	5.39b	4.49b	-
					-	8.28b	7.65b	6.94b	6.21b	5.47b	4.64b



Max Cant + Twist 150-177mm

75% SWL

Locked



	2.0m	2.5m	3.0m	3.5m	4.0m	4.5m	5.0m	5.5m	6.0m	6.5m	7.0m
Max Cant + Twist 150-177mm					3.9	3.12	-	-	-	-	-
75% SWL					3.93	3.2	2.65	2.19	-	-	-
Locked					3.81	3.12	2.61	2.21	1.87	-	-
					-	2.96	2.5	2.13	1.84	1.58	-
					-	-	2.35	2.03	1.77	1.54	-
					-	-	-	2.21	1.92	1.69	1.49
					-	-	-	-	2.1	1.84	1.62
					-	-	-	-	-	2.36	2.04
					-	-	-	-	-	-	2.36
					-	-	-	-	-	-	-