

Project: STANDARD
Date: 2023/2/20
Version: A

Wooden Equivalent Steel Pole reference sheet

Height/ Pole Class	POLE								Top Cap Weight(KG)	Bearing Plate Weight (KG)	TOTAL Galvanized Weight (KG)	Embedded (ft)	Diameter at Groundline (mm)
	QTY	Height (ft)	BASE D (mm)	TOP D (mm)	Section No.	Thick each section (mm)	SHAFT BLACK WEIGHT (KG)	SHAFT GAL. WEIGHT (KG)					
40/C2	1	40	305	190	2	5-5	401	421	1	5	427	6	288
45/C2	1	45	321	190	2	5-5	460	483	1	5	490	6.5	302
50/C2	1	50	336	190	2	5-5	522	548	1	6	556	7	316
55/C2	1	55	352	190	2	5-5	600	630	1	6	638	7.5	330
60/C2	1	60	368	190	2	5-5	669	702	1	7	711	8	344
65/C2	1	65	383	190	2	5-5	740	777	1	7	786	8.5	358
70/C2	1	70	399	190	2	5-5	814	855	1	8	864	9	372
75/C2	1	75	414	190	2	5-5	891	936	1	8	946	9.5	386
80/C2	1	80	420	190	3	5-5-5	1006	1056	1	9	1067	10	391
85/C2	1	85	436	190	3	5-5-5	1087	1141	1	9	1152	10.5	406
90/C2	1	90	451	190	3	5-5-5	1184	1243	1	10	1255	11	419
95/C2	1	95	467	190	3	5-5-5	1271	1335	1	10	1347	11.5	433
100/C2	1	100	482	190	3	5-5-5	1361	1429	1	11	1442	12	447
105/C2	1	105	498	190	3	5-5-5	1454	1527	1	12	1541	12.5	461
110/C2	1	110	514	190	3	5-5-5	1550	1628	1	13	1642	13	476
115/C2	1	115	519	190	4	5-5-5-5	1704	1789	1	13	1804	13.5	480
120/C2	1	120	535	190	4	5-5-5-5	1804	1894	1	14	1910	14	495
40/C1	1	40	328	210	2	5-5	436	458	2	5	465	6	310
45/C1	1	45	344	210	2	5-5	500	525	2	6	533	6.5	325
50/C1	1	50	360	210	2	5-5	567	595	2	6	604	7	339
55/C1	1	55	376	210	2	5-5	650	683	2	7	692	7.5	353
60/C1	1	60	392	210	2	5-5	723	759	2	8	769	8	368
65/C1	1	65	408	210	2	5-5	799	839	2	8	849	8.5	382
70/C1	1	70	424	210	2	5-5	877	921	2	9	932	9	396
75/C1	1	75	440	210	2	5-5	959	1007	2	9	1019	9.5	411
80/C1	1	80	446	210	3	5-5-5	1084	1138	2	10	1150	10	417
85/C1	1	85	462	210	3	5-5-5	1170	1229	2	10	1241	10.5	431
90/C1	1	90	478	210	3	5-5-5	1272	1336	2	11	1349	11	445
95/C1	1	95	494	210	3	5-5-5	1364	1432	2	12	1446	11.5	460
100/C1	1	100	510	210	3	5-5-5	1459	1532	2	12	1547	12	474
105/C1	1	105	526	210	3	5-5-5	1557	1635	2	13	1650	12.5	488
110/C1	1	110	542	210	3	5-5-5	1658	1741	2	14	1757	13	503
115/C1	1	115	548	210	4	5-5-5-5	1824	1915	2	14	1932	13.5	508
120/C1	1	120	564	210	4	5-5-5-5	1929	2025	2	15	2043	14	523
40/H1	1	40	351	230	2	5-5	472	496	2	6	504	6	333
45/H1	1	45	367	230	2	5-5	540	567	2	7	576	6.5	347
50/H1	1	50	383	230	2	5-5	611	642	2	7	651	7	362
55/H1	1	55	400	230	2	5-5	699	734	2	8	744	7.5	377
60/H1	1	60	417	230	2	5-5	777	816	2	8	827	8	392
65/H1	1	65	433	230	2	5-5	857	900	2	9	911	8.5	406
70/H1	1	70	449	230	2	5-5	941	988	2	10	1000	9	421
75/H1	1	75	466	230	2	5-5	1028	1079	2	10	1092	9.5	436
80/H1	1	80	472	230	3	5-5-5	1161	1219	2	11	1232	10	442
85/H1	1	85	489	230	3	5-5-5	1252	1315	2	11	1329	10.5	457
90/H1	1	90	505	230	3	5-5-5	1360	1428	2	12	1443	11	471
95/H1	1	95	521	230	3	5-5-5	1457	1530	2	13	1545	11.5	486
100/H1	1	100	538	230	3	5-5-5	1558	1636	2	14	1652	12	501
105/H1	1	105	554	230	3	5-5-5	1661	1744	2	14	1761	12.5	515
110/H1	1	110	570	230	3	5-5-5	1768	1856	2	15	1875	13	530
115/H1	1	115	577	230	4	5-5-5-5	1944	2041	2	16	2060	13.5	536
120/H1	1	120	593	230	4	5-5-5-5	2055	2158	2	16	2177	14	551
40/H2	1	40	380	250	2	5-5	512	538	2	7	547	6	361
45/H2	1	45	398	250	2	5-5	586	615	2	8	626	6.5	377
50/H2	1	50	415	250	2	5-5	663	696	2	8	707	7	392
55/H2	1	55	433	250	2	5-5	758	796	2	9	808	7.5	408
60/H2	1	60	450	250	2	5-5	842	884	2	10	897	8	423
65/H2	1	65	468	250	2	5-5	929	975	2	10	989	8.5	439
70/H2	1	70	485	250	2	5-5	1020	1071	2	11	1085	9	455
75/H2	1	75	503	250	2	5-5	1113	1169	2	12	1184	9.5	471
80/H2	1	80	510	250	3	5-5-5	1259	1322	2	12	1337	10	478
85/H2	1	85	528	250	3	5-5-5	1358	1426	2	13	1442	10.5	494
90/H2	1	90	545	250	3	5-5-5	1474	1548	2	14	1565	11	509
95/H2	1	95	563	250	3	5-5-5	1579	1658	2	15	1676	11.5	525
100/H2	1	100	581	250	3	5-5-5	1687	1771	2	16	1790	12	541
105/H2	1	105	598	250	3	5-5-5	1799	1889	2	17	1909	12.5	557
110/H2	1	110	616	250	3	5-5-5	1914	2010	2	18	2031	13	573
115/H2	1	115	623	250	4	6-5-5-5	2203	2313	2	18	2335	13.5	579
120/H2	1	120	640	250	4	6-5-5-5	2347	2464	2	19	2487	14	595
40/H3	1	40	408	270	2	5-5	552	580	3	8	591	6	387
45/H3	1	45	427	270	2	5-5	631	663	3	9	675	6.5	404
50/H3	1	50	445	270	2	5-5	714	750	3	10	763	7	421
55/H3	1	55	464	270	2	5-5	816	857	3	10	870	7.5	438
60/H3	1	60	482	270	2	5-5	906	951	3	11	966	8	454
65/H3	1	65	501	270	2	5-5	999	1049	3	12	1064	8.5	471
70/H3	1	70	519	270	2	5-5	1096	1151	3	13	1167	9	487
75/H3	1	75	538	270	2	5-5	1196	1256	3	14	1273	9.5	504
80/H3	1	80	547	270	3	5-5-5	1354	1422	3	14	1439	10	512
85/H3	1	85	565	270	3	5-5-5	1460	1533	3	15	1552	10.5	529
90/H3	1	90	584	270	3	5-5-5	1584	1663	3	16	1683	11	546
95/H3	1	95	602	270	3	5-5-5	1696	1781	3	17	1801	11.5	562
100/H3	1	100	621	270	3	5-5-5	1812	1903	3	18	1924	12	579
105/H3	1	105	639	270	3	5-5-5	1932	2029	3	19	2051	12.5	595

110/H3	1	110	658	270	3	5-5-5	2055	2158	3	20	2182	13	612
115/H3	1	115	666	270	4	6-5-5-5	2368	2486	3	21	2511	13.5	620
120/H3	1	120	685	270	4	6-5-5-5	2522	2648	3	22	2674	14	637
40/H4	1	40	447	305	2	5-5	614	645	3	10	658	6	426
45/H4	1	45	466	305	2	5-5	701	736	3	10	750	6.5	443
50/H4	1	50	486	305	2	5-5	791	831	3	11	846	7	461
55/H4	1	55	505	305	2	5-5	902	947	3	12	963	7.5	478
60/H4	1	60	524	305	2	5-5	999	1049	3	13	1066	8	495
65/H4	1	65	543	305	2	5-5	1101	1156	3	14	1174	8.5	512
70/H4	1	70	562	305	2	5-5	1205	1265	3	15	1284	9	529
75/H4	1	75	571	305	2	5-5	1375	1444	3	15	1463	9.5	537
80/H4	1	80	590	305	3	5-5-5	1489	1563	3	16	1584	10	554
85/H4	1	85	609	305	3	5-5-5	1603	1683	3	17	1705	10.5	571
90/H4	1	90	628	305	3	5-5-5	1736	1823	3	18	1846	11	589
95/H4	1	95	647	305	3	5-5-5	1857	1950	3	19	1974	11.5	606
100/H4	1	100	666	305	3	5-5-5	1981	2080	3	21	2105	12	623
105/H4	1	105	685	305	3	5-5-5	2110	2216	3	22	2242	12.5	640
110/H4	1	110	694	305	3	5-5-5	2435	2557	3	22	2584	13	648
115/H4	1	115	713	305	4	6-5-5-5	2595	2725	3	24	2753	13.5	665
120/H4	1	120	732	305	4	6-5-5-5	2760	2898	3	25	2927	14	682
40/H5	1	40	468	320	2	5-5	645	677	4	10	692	6	446
45/H5	1	45	488	320	2	5-5	735	772	4	11	788	6.5	464
50/H5	1	50	508	320	2	5-5	830	872	4	12	888	7	482
55/H5	1	55	528	320	2	5-5	946	993	4	13	1011	7.5	500
60/H5	1	60	547	320	2	5-5	1048	1100	4	14	1119	8	517
65/H5	1	65	568	320	2	5-5	1153	1211	4	15	1230	8.5	536
70/H5	1	70	587	320	2	5-5	1263	1326	4	16	1347	9	553
75/H5	1	75	597	320	2	6-5-5	1527	1603	4	17	1625	9.5	562
80/H5	1	80	617	320	3	6-5-5	1656	1739	4	18	1761	10	580
85/H5	1	85	637	320	3	6-5-5	1799	1889	4	19	1913	10.5	598
90/H5	1	90	657	320	3	6-5-5	1911	2007	4	20	2031	11	616
95/H5	1	95	676	320	3	6-5-5	2063	2166	4	21	2192	11.5	633
100/H5	1	100	696	320	3	6-5-5	2219	2330	4	22	2357	12	651
105/H5	1	105	716	320	3	6-5-5	2380	2499	4	24	2528	12.5	669
110/H5	1	110	724	320	3	6-6-5-5	2661	2794	4	24	2823	13	676
115/H5	1	115	744	320	4	6-6-5-5	2828	2969	4	26	3000	13.5	694
120/H5	1	120	763	320	4	6-6-5-5	3000	3150	4	27	3182	14	711
40/H6	1	40	511	360	2	5-5	715	751	5	12	769	6	488
45/H6	1	45	531	360	2	5-5	814	855	5	13	874	6.5	506
50/H6	1	50	552	360	2	5-5	917	963	5	14	983	7	525
55/H6	1	55	572	360	2	5-5	1042	1094	5	15	1115	7.5	543
60/H6	1	60	592	360	2	5-5	1153	1211	5	16	1233	8	561
65/H6	1	65	613	360	2	5-5	1267	1330	5	18	1354	8.5	580
70/H6	1	70	633	360	2	5-5	1385	1454	5	19	1479	9	598
75/H6	1	75	643	360	2	6-5-5	1676	1760	5	19	1785	9.5	607
80/H6	1	80	663	360	3	6-5-5	1815	1906	5	20	1932	10	625
85/H6	1	85	683	360	3	6-5-5	1969	2067	5	22	2095	10.5	643
90/H6	1	90	703	360	3	6-5-5	2088	2192	5	23	2221	11	661
95/H6	1	95	724	360	3	6-5-5	2251	2364	5	24	2394	11.5	680
100/H6	1	100	744	360	3	6-5-5	2418	2539	5	26	2570	12	698
105/H6	1	105	764	360	3	6-5-5	2589	2718	5	27	2751	12.5	716
110/H6	1	110	772	360	3	6-6-5-5	2897	3042	5	27	3075	13	723
115/H6	1	115	792	360	4	6-6-5-5	3075	3229	5	29	3264	13.5	741
120/H6	1	120	813	360	4	6-6-5-5	3258	3421	5	30	3458	14	760
40/H7	1	40	525	370	2	6-5	806	846	5	13	865	6	502
45/H7	1	45	545	370	2	6-5	928	974	5	14	994	6.5	520
50/H7	1	50	566	370	2	6-5	1055	1108	5	15	1129	7	539
55/H7	1	55	586	370	2	6-5	1151	1209	5	16	1231	7.5	557
60/H7	1	60	607	370	2	6-5	1287	1351	5	17	1375	8	575
65/H7	1	65	628	370	2	6-5	1428	1499	5	18	1524	8.5	594
70/H7	1	70	648	370	2	6-5	1573	1652	5	20	1677	9	612
75/H7	1	75	657	370	2	6-6-5	1815	1906	5	20	1932	9.5	621
80/H7	1	80	677	370	3	6-6-5	1973	2072	5	21	2099	10	639
85/H7	1	85	698	370	3	6-6-5	2129	2235	5	23	2264	10.5	657
90/H7	1	90	718	370	3	6-6-5	2314	2430	5	24	2460	11	675
95/H7	1	95	739	370	3	6-6-5	2480	2604	5	25	2636	11.5	694
100/H7	1	100	759	370	3	6-6-5	2650	2783	5	27	2815	12	712
105/H7	1	105	780	370	3	6-6-5	2825	2966	5	28	3001	12.5	731
110/H7	1	110	788	370	3	6-6-6-5	3141	3298	5	29	3333	13	739
115/H7	1	115	809	370	4	6-6-6-5	3323	3489	5	30	3526	13.5	757
120/H7	1	120	830	370	4	6-6-6-5	3510	3686	5	32	3724	14	776
40/H8	1	40	538	380	2	6-5	828	869	5	14	889	6	514
45/H8	1	45	559	380	2	6-5	953	1001	5	15	1021	6.5	533
50/H8	1	50	580	380	2	6-5	1082	1136	5	16	1158	7	552
55/H8	1	55	601	380	2	6-5	1182	1241	5	17	1264	7.5	571
60/H8	1	60	621	380	2	6-5	1321	1387	5	18	1411	8	589
65/H8	1	65	642	380	2	6-5	1464	1537	5	19	1563	8.5	608
70/H8	1	70	663	380	2	6-5	1613	1694	5	20	1720	9	627
75/H8	1	75	672	380	2	6-6-5	1863	1956	5	21	1983	9.5	635
80/H8	1	80	693	380	3	6-6-5	2024	2125	5	22	2154	10	654
85/H8	1	85	714	380	3	6-6-5	2184	2293	5	24	2323	10.5	673
90/H8	1	90	735	380	3	6-6-5	2373	2492	5	25	2523	11	692
95/H8	1	95	756	380	3	6-6-5	2543	2670	5	26	2703	11.5	710
100/H8	1	100	777	380	3	6-6-5	2718	2854	5	28	2888	12	729
105/H8	1	105	798	380	3	6-6-5	2897	3042	5	29	3078	12.5	748
110/H8	1	110	807	380	3	7-6-6-5	3347	3514	5	30	3551	13	757
115/H8	1	115	828	380	4	7-6-6-5	3564	3742	5	31	3780	13.5	775
120/H8	1	120	849	380	4	7-6-6-5	3787	3976	5	33	4016	14	794
40/H9	1	40	564	400	2	6-5	871	915	6	15	936	6	539
45/H9	1	45	585	400	2	6-5	1002	1052	6	16	1075	6.5	558
50/H9	1	50	607	400	2	6-5	1138	1195	6	17	1219	7	578

55/H9	1	55	629	400	2	6-5	1242	1304	6	18	1329	7.5	598
60/H9	1	60	650	400	2	6-5	1387	1456	6	20	1483	8	617
65/H9	1	65	672	400	2	6-5	1538	1615	6	21	1643	8.5	636
70/H9	1	70	694	400	2	6-5	1693	1778	6	22	1807	9	656
75/H9	1	75	704	400	2	7-6-5	2062	2165	6	23	2195	9.5	665
80/H9	1	80	725	400	3	7-6-5	2243	2355	6	24	2386	10	684
85/H9	1	85	747	400	3	7-6-5	2439	2561	6	26	2594	10.5	704
90/H9	1	90	769	400	3	7-6-5	2604	2734	6	27	2769	11	724
95/H9	1	95	791	400	3	7-6-5	2811	2952	6	29	2988	11.5	744
100/H9	1	100	812	400	3	7-6-5	3024	3175	6	30	3213	12	763
105/H9	1	105	834	400	3	7-6-5	3242	3404	6	32	3443	12.5	782
110/H9	1	110	842	400	3	7-7-6-5	3642	3824	6	32	3864	13	790
115/H9	1	115	863	400	4	7-7-6-5	3868	4061	6	34	4103	13.5	809
120/H9	1	120	885	400	4	7-7-6-5	4100	4305	6	36	4348	14	828
40/H10	1	40	564	400	2	6-5	871	915	6	15	936	6	539
45/H10	1	45	585	400	2	6-5	1002	1052	6	16	1075	6.5	558
50/H10	1	50	607	400	2	6-5	1138	1195	6	17	1219	7	578
55/H10	1	55	629	400	2	6-5	1242	1304	6	18	1329	7.5	598
60/H10	1	60	650	400	2	6-5	1387	1456	6	20	1483	8	617
65/H10	1	65	672	400	2	6-5	1538	1615	6	21	1643	8.5	636
70/H10	1	70	694	400	2	6-5	1693	1778	6	22	1807	9	656
75/H10	1	75	704	400	2	7-6-5	2062	2165	6	23	2195	9.5	665
80/H10	1	80	725	400	3	7-6-5	2243	2355	6	24	2386	10	684
85/H10	1	85	747	400	3	7-6-5	2439	2561	6	26	2594	10.5	704
90/H10	1	90	769	400	3	7-6-5	2604	2734	6	27	2769	11	724
95/H10	1	95	791	400	3	7-6-5	2811	2952	6	29	2988	11.5	744
100/H10	1	100	812	400	3	7-6-5	3024	3175	6	30	3213	12	763
105/H10	1	105	834	400	3	7-6-5	3242	3404	6	32	3443	12.5	782
110/H10	1	110	842	400	3	7-7-6-5	3642	3824	6	32	3864	13	790
115/H10	1	115	863	400	4	7-7-6-5	3868	4061	6	34	4103	13.5	809
120/H10	1	120	885	400	4	7-7-6-5	4100	4305	6	36	4348	14	828
40/H11	1	40	590	420	2	6-5	915	961	6	16	984	6	565
45/H11	1	45	612	420	2	6-5	1052	1105	6	18	1129	6.5	584
50/H11	1	50	635	420	2	6-5	1194	1254	6	19	1280	7	605
55/H11	1	55	657	420	2	6-5	1302	1367	6	20	1395	7.5	625
60/H11	1	60	680	420	2	6-5	1454	1527	6	21	1556	8	645
65/H11	1	65	702	420	2	6-5	1612	1693	6	23	1723	8.5	665
70/H11	1	70	725	420	2	6-5	1774	1863	6	24	1895	9	686
75/H11	1	75	735	420	2	7-6-5	2164	2272	6	25	2305	9.5	695
80/H11	1	80	758	420	3	7-6-5	2353	2471	6	26	2505	10	716
85/H11	1	85	780	420	3	7-6-5	2557	2685	6	28	2721	10.5	736
90/H11	1	90	803	420	3	7-6-5	2730	2867	6	30	2904	11	756
95/H11	1	95	825	420	3	7-6-5	2946	3093	6	31	3132	11.5	776
100/H11	1	100	848	420	3	7-6-5	3168	3326	6	33	3367	12	797
105/H11	1	105	870	420	3	7-6-5	3396	3566	6	35	3609	12.5	816
110/H11	1	110	879	420	3	7-7-6-5	3819	4010	6	35	4053	13	825
115/H11	1	115	901	420	4	7-7-6-5	4055	4258	6	37	4303	13.5	845
120/H11	1	120	924	420	4	7-7-6-5	4297	4512	6	39	4559	14	865