

22104-90891-1 1 st SHOT																						
ITEM REF. NO. FIG. OD		A	B	C	D	E	F	WINDING FORMULA				HYDROSTATIC TEST OF WIRE MOUND.		COPPER CONTENT IN KG.	NICKEL CONTENT IN KG.	TOTAL WEIGHT IN KG.						
001	01	12.7 (1/2")	759	757	759	31	29	2395	22	1/2	201.515	30.8	52.6	0.05	150	20	kg/cm ² (g)	2.7	0.0725	2.7725		
002	01	19.05 (3/4")	967	967	—	31	29	2025	22	3/4	19.2	125	23	43	0.12536	20	kg/cm ² (g)	3.152	0.1042	3.2562		
003	03	19.05 (3/4")	817	817	—	31	29	1725	22	3/4	19.1	774	28	57	8.0	0.05	150	20	kg/cm ² (g)	3.013	0.0888	3.1018
004	03	19.05 (3/4")	539.5	539.5	—	31	29	1170	22	3/4	19.2	125	23	43	0.12536	20	kg/cm ² (g)	1.777	0.0602	1.8372		
005	01	19.05 (3/4")	707	721	707	31	29	2255	22	3/4	19.2	125	23	43	0.12536	20	kg/cm ² (g)	3.489	0.116	3.605		
006	03	19.05 (3/4")	907	907	—	31	29	1905	22	3/4	19.2	125	23	43	0.12536	20	kg/cm ² (g)	2.959	0.098	3.057		
007	01	19.05 (3/4")	882	771	882	31	29	2655	22	3/4	19.2	125	23	43	0.12536	20	kg/cm ² (g)	4.132	0.1366	4.2686		
008	01	19.05 (3/4")	660	660	31	29	2105	22	3/4	19.2	125	23	43	0.12536	20	kg/cm ² (g)	3.248	0.1083	3.3563			
009	01	19.05 (3/4")	882	771	882	36	29	2665	22	3/4	19.2	125	23	43	0.12536	20	kg/cm ² (g)	4.137	0.1371	4.2741		
010	03	19.05 (3/4")	582	582	—	31	29	1255	22	3/4	19.2	125	23	43	0.12536	20	kg/cm ² (g)	1.881	0.0646	1.9456		
011	02	19.05 (3/4")	1193	—	—	31	—	1255	22	3/4	19.1	774	28	57	8.0	0.05	150	20	kg/cm ² (g)	2.198	0.0646	2.2626
012	03	19.05 (3/4")	732	732	—	31	29	1555	22	3/4	19.2	125	23	43	0.12536	20	kg/cm ² (g)	2.396	0.08	2.476		
013	02	12.7 (1/2")	1041	—	—	28	—	1097	22	1/2	201.515	30.8	52.6	0.05	150	20	kg/cm ² (g)	1.234	0.0332	1.2672		
014	01	19.05 (3/4")	745	745	31	29	2355	22	3/4	19.2	125	23	43	0.12536	20	kg/cm ² (g)	3.65	0.1212	3.7712			
015	03	19.05 (3/4")	882	882	—	31	29	1855	22	3/4	19.2	125	23	43	0.12536	20	kg/cm ² (g)	2.879	0.0955	2.9745		
016	02	19.05 (3/4")	653	—	—	31	—	715	22	3/4	19.1	774	28	57	8.0	0.05	150	20	kg/cm ² (g)	1.216	0.0368	1.2528
017	01	19.05 (3/4")	612	612	31	29	1955	22	3/4	19.2	125	23	43	0.12536	20	kg/cm ² (g)	3.006	0.1006	3.1066			
018	03	19.05 (3/4")	482	482	—	31	29	1055	22	3/4	19.2	125	23	43	0.12536	20	kg/cm ² (g)	1.593	0.0543	1.6473		
019	03	19.05 (3/4")	832	832	—	31	29	1755	22	3/4	19.2	125	23	43	0.12536	20	kg/cm ² (g)	2.718	0.0903	2.8083		
020	03	19.05 (3/4")	353	353	—	31	30	2798	22	3/4	19.2	125	23	43	0.12536	20	kg/cm ² (g)	4.394	0.144	4.538		
021	01	19.05 (3/4")	763	759	763	31	29	2405	22	3/4	19.2	125	23	43	0.12536	20	kg/cm ² (g)	3.73	0.1238	3.8538		
022	02	9.50 (3/8")	892	—	—	31	—	954	24	3/8	201.3	45	67.9	0.05	—	20	kg/cm ² (g)	1.21	0.0444	1.2544		
023	03	19.05 (3/4")	532	532	—	31	29	1155	22	3/4	19.1	774	28	57	8.0	0.05	150	20	kg/cm ² (g)	1.977	0.0594	2.0364
024	03	19.05 (3/4")	732	732	—	31	29	1555	22	3/4	19.1	774	28	57	8.0	0.05	150	30	kg/cm ² (g)	2.704	0.08	2.784
025	03	19.05 (3/4")	982	982	—	31	29	2055	22	3/4	19.1	774	28	57	8.0	0.05	150	20	kg/cm ² (g)	3.613	0.1058	3.7188
026	02	12.7 (1/2")	906	—	—	28	—	962	22	1/2	201.515	30.8	52.6	0.05	150	20	kg/cm ² (g)	1.076	0.0291	1.1051		
027	03	19.05 (3/4")	932	932	—	31	29	1955	22	3/4	19.2	125	23	43	0.12536	20	kg/cm ² (g)	3.04	0.1006	3.1406		
028	03	19.05 (3/4")	982	982	—	31	29	2055	22	3/4	19.2	125	23	43	0.12536	20	kg/cm ² (g)	3.2	0.1058	3.3058		
029	03	19.05 (3/4")	1032	1032	—	31	29	2155	22	3/4	19.2	125	23	43	0.12536	20	kg/cm ² (g)	3.361	0.1109	3.4719		
030	03	19.05 (3/4")	1032	1032	—	31	29	2155	22	3/4	19.1	774	28	57	8.0	0.05	150	20	kg/cm ² (g)	3.795	0.1109	3.9059
031	03	19.05 (3/4")	1182	1182	—	31	29	2455	22	3/4	19.1	774	28	57	8.0	0.05	150	20	kg/cm ² (g)	4.341	0.1263	4.4673
032	03	19.05 (3/4")	1087	1087	—	31	29	2265	22	3/4	19.2	125	23	43	0.12536	20	kg/cm ² (g)	3.538	0.1166	3.6546		
033	01	19.05 (3/4")	832	832	31	29	2555	22	3/4	19.1	774	28	57	8.0	0.05	150	20	kg/cm ² (g)	4.483	0.1315	4.6145	
034	03	19.05 (3/4")	353.5	353.5	—	31	29	2798	22	3/4	19.2	125	23	48	0.125150	20	kg/cm ² (g)	4.752	0.144	4.896		
035	03	16 mm	532	532	—	26	29	1145	22	16	1	41.8	30.8	52.6	—	—	20	kg/cm ² (g)				
036	01	9.5 (3/8")	485	485	25	28	1567	25	3/8	201.3	50	45	67.8	0.05	157	20	kg/cm ² (g)	1.162	0.0345	1.1965		
037	02	12.7 (1/2")	906	—	—	31	—	968	22	1/2	201.515	30.8	52.6	0.05	150	20	kg/cm ² (g)	1.078	0.0293	1.1073		
038	03	19.05 (3/4")	632	632	—	31	29	1355	22	3/4	19.2	125	23	43	0.12536	24	kg/cm ² (g)	2.075	0.0697	2.1447		
039	03	19.05 (3/4")	682	682	—	31	29	1455	22	3/4	19.2	125	23	43	0.12536	20	kg/cm ² (g)	2.236	0.0749	2.3109		
040	03	19.05 (3/4")	532	532	—	31	29	1155	22	3/4	19.2	125	23	43	0.12536	20	kg/cm ² (g)	1.753	0.0594	1.8124		
041	01	19.05 (3/4")	765	765	31	29	2415	22	3/4	19.2	125	23	43	0.12536	20	kg/cm ² (g)	3.756	0.1243	3.8803			
042	03	19.05 (3/4")	762	762	—	61	29	1675	22	3/4	19.2	125	23	43	0.12536	45	kg/cm ² (g)	2.521	0.0862	2.6072		
043	03	19.05 (3/4")	732	732	—	36	29	1565	22	3/4	19.2	125	23	43	0.12536	20	kg/cm ² (g)	2.401	0.0805	2.4815		
044	03	19.05 (3/4")	482	482	—	31	29	1055	22	3/4	19.2	125	23	48	0.12536	20	kg/cm ² (g)	1.72	0.0543	1.7743		
045	03	19.05 (3/4")	607	607	—	31	29	1305	22	3/4	19.2	125	23	43	0.12536	20	kg/cm ² (g)	1.994	0.0672	2.0612		
046	03	19.05 (3/4")	457	457	—	31	29	1005	22	3/4	19.2	125	23	43	0.12536	20	kg/cm ² (g)	1.512	0.0517	1.5637		
047	01	19.05 (3/4")	945	945	31	29	2955	22	3/4	19.2	125	23	43	0.12536	20	kg/cm ² (g)	4.615	0.1521	4.7671			
048	03	19.05 (3/4")	382	382	—	31	29	855	22	3/4	19.2	125	23	43	0.12536	20	kg/cm ² (g)	1.2706	0.044	1.3146		
049	03	19.05 (3/4")	807	807	—	31	29	1705	22	3/4	19.2	125	23	43	0.12536	20	kg/cm ² (g)	2.6374	0.0877	2.7252		
050	03	19.05 (3/4")	857	857	—	31	29	1805	22	3/4	19.2	125	23	43	0.12536	20	kg/cm ² (g)	2.7982	0.0929	2.8911		
051	03	19.05 (3/4")	582	582	—	36	29	1265	22	3/4	19.2	125	23	43	0.12536	20	kg/cm (g)	1.9185	0.0651	1.9836		
052	03	19.05 (3/4")	898	898	—	31	29	1887	22	3/4	19.2	125	23	43	0.12536	20	kg/cm (g)	2.7359	0.0913	2.8272		
053	02	19.05 (3/4")	1493	—	—	31	—	1555	22	3/4	19.2	125	23	43	0.12536	20	kg/cm (g)	2.4294	0.0800	2.5095		
054	02	19.05 (3/4")	893	—	—	31	—	955	22	3/4	19.2	125	23	43	0.12536	20	kg/cm (g)	1.4646	0.0491	1.5138		
055	02	19.05 (3/4")	1823	—	—	31	29	1885	22	3/4	19.2	125	23	43	0.12536	20	kg/cm (g)	2.9600	0.0970	3.0570		
056	02	19.05 (3/4")	993	—	—	31	—	1055	22	3/4	19.2	125	23	43	0.12536	20	kg/cm (g)	1.6254	0.0543	1.6797		
057	02	19.05 (3/4")	2441	—	—	31	—	2503	22	3/4	19.2	125	23	43	0.12536	20	kg/cm (g)	3.6962	0.3864	4.0826		
058	02	19.05 (3/4")	1893	—	—	31	—	1955	22	3/4	19.2	125	23	43	0.12536	20	kg/cm (g)	3.0726	0.1006	3.1732		
059	02	19.05 (3/4")	1743	—	—	31	—	1805	22	3/4	19.2	125	23	43	0.12536	20	kg/cm (g)	2.8314	0.0929	2.9243		

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