



BANGKOK STEEL WIRE CO., LTD.

24/10 MOO 6 BANGSAOTHONG, SAMUTPRAKARN 10570, THAILAND.

TEL. (66) 2105-0204 FAX. (66) 2105-0208

MILL TEST CERTIFICATE

Customer : BANGKOK STEEL WIRE CO.,LTD.
Description of Goods : 7-WIRE STRANDS FOR PRESTRESSED CONCRETE
(BS 5896 - Y1860S7 - 9.3 - P)
Nominal Diameter : 9.3 mm
Specification : BS 5896:2012
Certificate No : 001
Page No : 1/1
Date : MARCH 07, 2019
Invoice No :



No.	Coil No.	Diameter (mm)	Mass (g/m)	Section Area (mm ²)	Tensile Load (kN)	0.1% Yield Load (kN)	Elongation (%)	Young's Modulus (kN/mm ²)	Straight- ness (mm)	Length (Meters)	Weight Coil (Kgs)	
1	B258-993-870-11	9.33	414.1272	53.03	103.19	97.51	7.40	193.52	4.40	8,167	3,382	
2	B258-993-870-12	9.33	414.1272	53.03	103.19	97.51	7.40	193.52	4.40	8,174	3,385	
3	B258-993-870-13	9.33	414.1272	53.03	103.19	97.51	7.40	193.52	4.40	7,522	3,115	
4	B258-994-871-11	9.29	410.6146	52.58	100.86	95.14	8.10	191.66	4.71	7,837	3,218	
5	B258-994-871-12	9.29	410.6146	52.58	100.86	95.14	8.10	191.66	4.71	8,171	3,355	
6	B258-993-872-11	9.33	414.1805	53.03	103.80	97.30	7.75	195.36	4.80	8,134	3,369	
7	B258-993-872-12	9.33	414.1805	53.03	103.80	97.30	7.75	195.36	4.80	8,139	3,371	
8	B258-993-872-13	9.33	414.1805	53.03	103.80	97.30	7.75	195.36	4.80	8,139	3,371	
Min.		9.29	410.6146	52.58	100.86	95.14	7.40	191.66	4.40		8	
Max.		9.33	414.1805	53.03	103.80	97.51	8.10	195.36	4.80	Grand total	26,566	
Avg.		9.32	413.2690	52.92	102.84	96.84	7.71	193.74	4.63	-	-	
Lower Spec Limit.		-	397.9780	52.00	96.70	85.10	3.50	-	-	BS 5896:2012		
Upper Spec Limit.		-	414.2220	-	111.00	-	-	-	25.00	TIS. 420-2540(1997)		
Remark : Left Hand Lay							Approve		Check		Issue	
 												

