



Head Office :
SISCO
SCSC
NTS

QUALITY CERTIFICATE

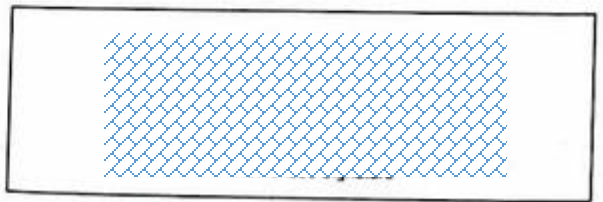


Products: Deformed bar (Non TMT) Grade: SD 40 DB 16 Standard: TIS 24-2559(2016) Customer: Date of Issue: 08.04.2021

ITEM	CHEMICAL COMPOSITION														MECHANICAL PROPERTIES													
	C %	Si %	Mn %	P %	S %	CMnS	Al %	Mo %	B %	Ni %	Cr %	Nb %	Co %	Cu %	Ti %	Ph %	TS kg/mm ²			EL %			BEND	U.W. kg/m				
HEAT NO																												
LOWER																												
UPPER	0.59	1.80	0.050	0.050	0.55	0.29	0.079	0.0007	0.29	0.29	0.059																	
																MIN	AVG	MAX	MIN	AVG	MAX	MIN	AVG	MAX				
211827	0.30	0.30	1.27	0.026	0.015	0.51	0.00	0.017	0.0002	0.10						0.00	0.001	43.28	43.45	43.62	67.93	68.00	68.06	17.05	17.06	17.06	Pass	1.513
211849	0.31	0.31	1.26	0.023	0.009	0.52	0.00	0.016	0.0002							0.00	0.001	44.32	44.44	44.55	68.81	69.03	69.24	17.03	17.03	17.04	Pass	1.512

Sample of Quality Certificate ตัวอย่างใบเซอร์

Remark : Feedback - if any - to be registered within 6 months from delivery date
Non heat treatment rebar should be uniform macroscopic structure as picture
Car No 71-0253



Note: Tramp = Cu+Cr+Ni+Mo, CMnS = C+MnS, CEQ = C+[(MnS)]+[(Cr+Mo+V)/5]+[(Ni+Cu)/15]
YS = Yield Strength, TS = Tensile Strength, RA = Reduction of Area, EL = Elongation