



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
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CHEMICAL COMPOSITION																	MECHANICAL PROPERTIES											
ITEM	C	Si	Mn	P	S	CMnS	Al	Mo	B	Ni	Cr	Nb	Co	Cu	Ti	Ph	TS kgf/mm ²			EL %			BEND	U.W kg/m				
HEAT NO	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%												
LOWER																		57.00		15.00								
UPPER		0.55	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								43.28	43.45	43.62	67.93	68.00	68.06	17.05	17.06	17.06	Pass	1.512
211849	0.31	0.31	1.26	0.023	0.009	0.52	0.00	0.016	0.0003									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)/5+[(Cr+Mo+V)/5]+[(Ni+Cu)/15]
YS = Yield Strength, TS = Tensile Strength, RA = Reduction of Area, EL = Elongation