



SHIJIAZHUANG IRON & STEEL CO., LTD



NO.25034469

SG-MES-PZ-1001

Customer's contract No. ZTH25311 Customer TOYOTA TSUSHO (THAILAND) CO., LTD. Shape of Product Round Bar Standard JSXY1B32-2018 Steel grade S45C Certificate No. 2505230314																
Heat No.	2512108	Rolling plan No.		B212540070				Delivery condition	Hot rolled	Size (mm)	DIA. 60	Weight (MT)	6.782	Bundles	5	
Chemical Composition (%)																
Item		C	Si	Mn	P	S	Cr	Ni	Cu	SP1						
Ladle Result		0.43	0.23	0.74	0.012	0.005	0.16	0.05	0.06	0.21						
S	R	C	Yield strength	Tensile strength	Elongation	Reduction of area	Hardness	A(T)	A(H)	B(T)	B(H)	C(T)	D(H)	D(T)	Surface quality & Shape size	
Grade	Grade	Grade	Rp0.2 MPa	Rm MPa	A %	Z %	HBW	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Grade	Inspection
1	1	2	421	685	23.5	51	195	1	0	0.5	0	0	0	1	0.5	Qualified
1	1	2	415	678	23.5	50	194	1	0	0.5	0	0	0	1	0.5	Qualified
HSIS GROUP SHISTEEL COMPANY																
Note	SPI-Cr+Ni: PASS Date : 28 / 09 / 69 Checked By : AMM 31706 Approved By : JHCS 															

Quality department director: ZhangYongjun 3021

Address: Hebei, Shijiazhuang, China 363 Heping donglu, Code:050031, Tel:(0311) 86913195

Date : 28 / 09 / 69
Checked By : AMITABH
Approved By : DINESH

