

Customer Name	SAMPLE			Standard	ZS433:2006	Test Date	2024/11/20	QC Code	A0190
Address	Sample			Type	Rebar	Grade	HRB450	Length	12 METERS
Customer ID	0001	E-mail		Size	Y20	Bundle No.	A1213	Batch	A0010

SIZES TOLERANCE

Cross-sectional Area	Permissible Deviation not exceed +/-8%:	Yes	Mass Per Metre	Permissible Deviation not exceed +/-8%(Y8), +/-5%(Y10-20), +/-8%(Y25-32):	Yes
Length	Permissible Deviation not exceed +/-25mm:	Yes			

CHEMICAL PARAMETERS

Test Piece	%C	%Mn	%Si	%S	%P	%Cr	%Ni	%Mo	%Al	%Cu	%V	%Ti	%Pb	%Sn	CE	RESULT
A0190	0.202	1.481	0.560	0.042	0.010	0.029	0.024	0.012	0.000	0.004	0.007	0.014	0.012	0.000	0.46	PASS

Carbon Equivalent (CE)= C + (Mn/6) + (Cr +Mo + V)/5 + (Ni +Cu)/15

MECHANICAL PARAMETERS

Test Piece	Yield Stress (Mpa)			Tensile Strength (Mpa)			Elongation %			Bend / Rebend Test				RESULT	OVERALL RESULT	
	1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd	1st	2nd	3rd	RESULT			
A0190	571	595	588	692	707	703	21	25	21	PASS	PASS	PASS	PASS	PASS		

QR Code

Sampling By:		Checked by (Stamp):		Approved By:	
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