

# Cold Reduced Mild Steel Bar for Reinforcement of Concrete

SPECIFICATION	GRADE	CHEMICAL COMPOSITION (%)				TENSILE AND BEND TEST REQUIREMENTS			
		C.E.	C	P	S	Yield Strength (N/mm <sup>2</sup> )	Tensile Strength (N/mm <sup>2</sup> )	Minimum Elongation (%)	Bend Test
MS144 (BS4482) Cold Reduced Mild Steel Wire	<b>460</b> (High Yield Steel Bar)	Max. 0.51	Max. 0.30	Max. 0.05	Max. 0.05	<b>500</b>	Actual Yield Stress <b>x 1.05</b>	<b>12</b>	Bend Angle (3d) = 180° Rebend (5d) = 1st Bend 45°, Rebend 23°