

About

At Mujahid Steel, headquartered in Islamabad and operating from Hattar, Pakistan, we pride ourselves on manufacturing top-quality deformed steel bars, with Grade 40 and Grade 60 options available. With a state-of-the-art facility boasting a production capacity of 300 metric tons per day, we are committed to meeting the diverse needs of our clientele, ranging from individual homeowners to large-scale construction projects. Our dedication to excellence is evident through our adherence to ISO 9001:2008 standards and sourcing premium raw materials from international suppliers.



History

Mujahid Group after achieving success in the field of Soap, Oil and Ghee has launched another subsidiary by the name of Mujahid Enterprises (Steel Re-Rolling Mills) at Hattar, District Haripur. The company was launched in 2008 with one rolling mill at Hattar. After building consumers confidence in the market, it has installed yet another rolling mill by the name of Mujahid Steel. The production of MS bars in 400M tons per day. An ISO-9001-2008 certified company which is producing quality steel of grade 40/60 as per ASTM standards.



Summary



01 Mission

To be a model steel manufacturing organization by keeping three pillars of business in the mind which are commitment, involvement and dedication coupled with honesty.

By concentrating on our consumer's need, we conceive ourselves as value builders, determined to build and innovative to touch lives beyond expectations for industry.

02 Quality Assurance

To achieve the quality products, Mujahid Steel has installed CC plant, which would result in producing the standard MS Bars of Grade 40 and Grade 60 as per ASTM-615A

04

International Standards

ASTM A6 15/A6 15M	Grade 40 & 60
BS 4449	Grade 250 &
460	
ASHTO	M31 4
JIS	3D 35/40

O1Certificates









Certificates







- Clients







































Projects

Islamabad International Airport



Islamabad International Airport



CMH Rawalpindi





- Projects

Paradise Mall Bharia



Army Housing



Nelum Jhelum Hydro Power





- Projects

Park-One Tower



RWP/Multan Metro Projects





Islamabad Peshawar Mor Project



Projects

Tarebela Dam Extension





Deformed Bar Designation numbers, Nominal Weights (Masses)

Nominal Dimensions

BAR DESIGNATION	Nominal Weight Lbs/ft Nominal Mass Kg/m	Nominal Dimension		
		Diameter in (mm)	Cross-Sectional Area in (mm) ²	Perimeter in (mm)
3 (10)	0.376 (0.560)	0.375 (9.5)	0.11 (71)	1.178 (29.9)
4 (13)	0.668 (0.994)	0.500 (12.7)	0.20 (129)	1.571 (39.9)
5 (16)	1.043 (1.552)	0.625 (15.9)	0.31 (199)	1.963 (49.9)
6 (19)	1.502 (2.235)	0.750 (19.1)	0.44 (284)	2.356 (59.8)
7(22)	2.044 (3.042)	0.875 (22.2)	0.60 (387)	2.749 (69.8)
8 (25)	2.670 (3.973)	1.000 (25.4)	0.79 (510)	3.142 (79.8)
9 (29)	3.400 (5.060)	1.128 (28.7)	1.00 (645)	3.544 (90.0)
10(32)	4.303 (6.404)	1.270 (32.3)	1.27 (819)	3.990(101.3
11 (36)	5.313 (7.907)	1.410 (35.8)	1.56 (1006)	4.430 (112.5
14 (43)	7.65 (11.38)	1.693 (43.0)	2.25 (1452)	5.32 (135.1)
18 (57)	13.60 (20.24)	2.257 (57.3)	4.00 (2581)	7.09 (180.0)



Tensile Requirements

	Grade 40 (300)	Grade 60 (420)
Tensile strength. min, psi (Mpa)	70 000(500)	40 000(300)
Yield strength, min, psi (Mpa)	90 000(620)	60 000(420)
Elongation in 8 in (203.2 mm) min %		
Bar Designation No.		
3 (10)	11	9
4.5 (13, 16)	12	9
6 (19)	12	9
7,8 (22,25)	•••	8
9, 10, 11 (29,32,36)	***	8
14, 18 (43,57)	•••	7



Tensile Properties

Grade	Yield Strength Re ¹ N/mm ²	stress ratio Rm/Re ² (min)	Elongation at fracture A5(min) %	total elongation at maximum force Agt ³ (min) %
250	250	1.15	22	
460A	460	1.05	12	2.5
460B	460	1.08	14	5



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