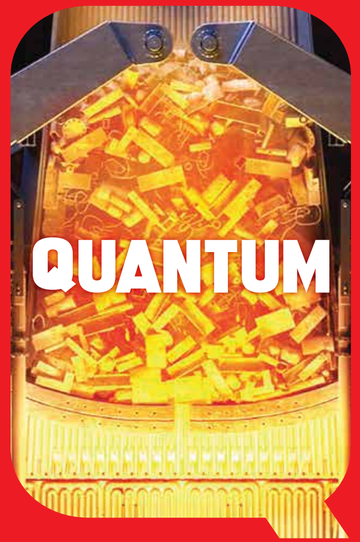
UNVEILING A NEW ERA OF



PURITY AND STRENGTH

GPH ispat

The Ultimate Fusion of Power and Precision

Our Quantum Steel, Asia's first of its kind, is engineered for unmatched strength, precision, and durability. Every inch of our steel embodies our vision for growth and our dedication to quality. We produce 100% pure Quantum Steel with a drive for progress and a commitment to sustainability.

World's Best GPH Quantum Steel

THE STORY WE'VE BUILT

Every inch of the steel we produce reflects our vision for growth, promises quality, and is dedicated to building tomorrow's infrastructure today.

GPH ispat is the future of steel, where innovation and excellence converge.

Committing to sustainability, we make products that are built to last and designed to uplift communities and drive progress. We are the backbone for modern life, bringing the revolutionary Quantum Electric Arc Furnace to Asia and crafting the world's finest 100% pure Quantum Steel, an innovation unmatched in South Asia.

MISSION

The trusted brand of Bangladesh leading the steel sector with innovative products leveraging cutting edge technology.

VISION

To provide the foundation for building the infrastructure of Bangladesh towards High-Income-Country (HIC) with the true GPH philosophy.

VALUES

-Appreciate what is given to us by Almighty

-Grow through learning best practices home and beyond

-Innovation is key to our product and service delivery

-Leverage the power of Teamwork

-Empower people to deliver excellence

OUR BRAND

At GPH ispat, our brand is built around **Forging the Future**. Everything we do and how we do it revolves around enabling progress and empowering our customers, communities, employees, partners, businesses, and shareholders to shape a stronger and more sustainable tomorrow.

The promise of **Forging the Future** stands on a foundation of:

- Unwavering commitment to long-term growth and excellence
- Innovation and advancement through state-of-the-art technology
- Sustainability in action for a greener, more resilient planet
- Delivering trust through reliability and quality
- Collaboration that builds bonds, not just transactions

We embody this vision with the WORLD'S BEST GPH QUANTUM STEEL. As a Bangladeshi steel manufacturer with global standards, GPH ispat is more than just steel; we are the backbone of progress and development. Together, we are shaping the infrastructure, dreams, and ambitions of today and tomorrow.

WE EMBODY THIS VISION TOWARD

A GREEN FUTURE WITH SUSTAINABLE STEEL

As a Bangladeshi steel manufacturer with global standards, GPH ispat is more than just steel; we are the backbone of sustainable progress and development. We are committed to manufacturing sustainable steel with our green practices. We are shaping the infrastructure, dreams, and ambitions of today while preserving the future for generations to come.

COMPANY OVERVIEW

GPH ispat Ltd., one of the leading steel manufacturers in Bangladesh, stands for God Fearing, Plain Living, and High Thinking. Established in 2006, the company began commercial production in 2008 with an initial capacity of 84,000 metric tons of M.S. Billet and 120,000 metric tons of M.S. Rod. Over the years, GPH has expanded its footprint in the steel industry with a commitment to quality, innovation, and sustainability.

GPH ispat is a pioneer in producing low and medium-carbon alloy steel billets, the primary ingredient for manufacturing graded steel bars. The company not only caters to domestic demand but also exports billets and bars, meeting international standards with world-class quality. This positions GPH as a key contributor to the growth of Bangladesh's economy and infrastructure.

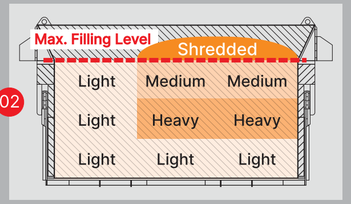
In 2020, GPH revolutionized steel manufacturing in Asia by introducing the first Quantum Electric Arc Furnace and Winlink Technology. This state-of-the-art innovation ensures production efficiency, reduced energy consumption, and annual production capacity exceeding one million metric tons, including rebar and medium-section products. With a Level-2 automation system, GPH maintains superior product quality and consistent production.

GPH is deeply committed to sustainability and environmental preservation. The company has implemented a rainwater harvesting system, avoiding the use of underground water in production. Its Water Treatment Plant (WTP) operates with a zero-discharge system, ensuring 100% recycling of water. Additionally, GPH is equipped with the world's most efficient de-dusting system, meeting World Bank environmental standards.

With a focus on innovation, sustainability and community welfare. GPH ispat is shaping a stronger. brighter tomorrow, making it a cornerstone of Bangladesh's industrial progress.

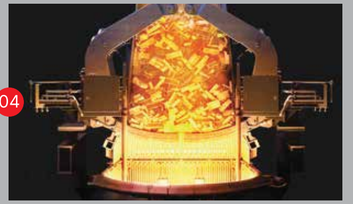
PRODUCTION PROCESS ROUTE

01 Scrap Processing



02 Recipe Preparation

03 Scrap Charging



04 Scrap Pre-heating

05 Quantum EAF Steel Making and Primary Refining

06 Siphonic Tapping

07 Secondary Refining Through LRF

08 Continuous Close Casting Through High-speed CCM

09 Hot Charging Through IH/Reheating

10 Rolling Through H-V Stands

11 Tying and Bundling

12 Storing

13 Delivery

TECHNOLOGICAL UNIQUE FEATURES

To guarantee the highest quality steel bar, GPH Ispat Limited has introduced Quantum EAF technology in Bangladesh, the first installment of such advanced technology in Asia. Quantum Electric Arc Furnace (QEAF) technology enables four iconic features that none have yet!

The scrap Pre-heating system, Siphonic Tapping system, High-speed Caster, and Winlink system have given GPH ispat supreme capability to dominate in the market, producing 100% reliable steel bars for the reinforcement in concrete.

UNIQUE FEATURES OF GPH ISPAT

Pre-heating

The main raw material scrap is collected from different sources, and it contains harmful elements like paint, galvanized coating materials, dust, rust, moisture and other impurities. The scrap pre-heating system of QEAF burns out toxic impurities at 600°C from steel scrap. It helps make steel pure, and free from toxic elements like zinc, phosphorus, lead, sulfur, etc. This optimized preheating system enables maximum use of off-gas energy, which otherwise would have been wasted, leading to a sustainable process.

Siphonic Tapping

Efficient slag-making and ensuring steel is free from slag are both crucial in steel-making. Slag-free pure steel collection is possible in QEAF as it facilitates the Siphonic Tapping system. Thanks to the Furnace Advanced Slag-free Tapping (FAST) System, having a special dam made from refractory helps collect steel from the furnace bottom with 4° tilting angle maintaining 70-ton hot heel. For which, no slag is permitted to mix with liquid steel in the ladle.

Fast Casting

High-speed casting enables casting billets at higher speeds compared to conventional steel plants. Such speeds are possible only when the steel is of the highest purity and quality. At GPH Ispat Limited, lower levels of sulfur are maintained and the rest sulfur is compensated using manganese in such a way as to have Mn/S ratio over 30.

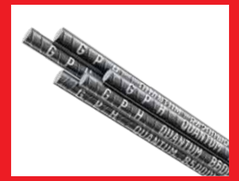
Winlink

Strength in rebar comes from the combined effect of chemical composition, grain refinement, and thermo-mechanical treatment (TMT). Winlink feature of GPH ispat synchronizes steel temperature, water pressure, water flow, and mill speed in a scientific way to get perfect match in mechanical properties, with close tolerance, like yield strength, tensile strength, elongation and in bending properties.

PRODUCT AND SERVICE PORTFOLIO

1. MS Billet
- 160 mm², 12 meters
- 130 mm², 12 meters

2. MS Rebar
- Diameter 8, 10, 12, 14, 16, 18, 20, 22, 25, 28, 32, 40 and 50 mm
- B420DWR, B500DWR, B600C-R and B600D-R



3. Square bar
10 mm² bar, 6 meters
12 mm² bar, 6 meters

4. Rebar Couplers
- JT regular coupler (12 mm to 40 mm)
- JT reducer coupler (40-32, 32-25, 25-20, 32-28, 28-25)
- JT terminator coupler (25 mm and 32 mm)
- Locknut (20, 25 and 32 mm)

5. Cut & Bend Service
- Design optimization service
- BBS service
- 'Q-Cut' service (up to 14 meter as per BBS)
- 'Q-Bend' service (Any shape as per BBS)
- 'Q-Ring' service (As per BBS)
- 'Q-Thread'

CHEMICAL PROPERTIES OF RIBBED BAR

		Chemical composition of product analysis (Maximum values of mass fractions, in percentage)						
Grade*	Standard*	Carbon	Silicon	Manganese	Phosphorus	Sulfur	Nitrogen	CEV**
B420DWR	*GPH QUANTUM STANDARD	0.32	0.30	1.10	0.025	0.035	0.011	0.56
	BANGLADESH STANDARD	0.33	0.60	1.56	0.048	0.048	0.014	0.61
B500DWR	*GPH QUANTUM STANDARD	0.32	0.30	1.00	0.025	0.035	0.011	0.54
	BANGLADESH STANDARD	0.35	0.60	1.88	0.048	0.048	0.014	0.66
B600C-R	*GPH QUANTUM STANDARD	0.30	0.30	1.00	0.025	0.035	0.011	0.52
	BANGLADESH STANDARD	-	-	-	0.070	0.070	-	-
B600D-R	*GPH QUANTUM STANDARD	0.33	0.30	1.30	0.025	0.035	0.011	0.61
	BANGLADESH STANDARD	0.40	0.60	1.88	0.048	0.048	-	0.72

Alloy elements, such as Cu, Ni, Cr, Mo, V, Nb, Ti and Zr, may be added by agreement between the manufacturer and purchaser.

* Typical values for 95% of batch

**Aligned with ASTM A706

MECHANICAL PROPERTIES OF RIBBED BAR

Grade	Standard*	Yield Strength, YS		Tensile Strength, YS MPa (min.)	TS/YS Ratio (min.)	% Elongation at max.force Agt, G.L. 200mm (min.)	% Elongation after fracture, G.L.=5D mm (min.)
		MPa (min.)	MPa (max.)				
B420DWR	*GPH QUANTUM STANDARD	440	480	550	1.26	8.5	18
	BANGLADESH STANDARD (ISO 6935-2:2021)	420	546	525	1.25	8	16
B500DWR	*GPH QUANTUM STANDARD	520	580	655	1.26	8.5	16
	BANGLADESH STANDARD (ISO 6935-2:2021)	500	650	625	1.25	8	13
B600C-R	*GPH QUANTUM STANDARD	620	675	720	1.16	7.5	12
	BANGLADESH STANDARD (ISO 6935-2:2021)	600	-	690	1.15	7	10
B600D-R	*GPH QUANTUM STANDARD	620	675	780	1.26	8.5	12
	BANGLADESH STANDARD (ISO 6935-2:2021)	600	720	750	1.25	8	10

Note: All the ductility properties are aligned with ASTM A706

* Typical values for 95% of batch

BEND AND REBEND PROPERTIES OF RIBBED BAR

Standard*	Rebar Diameter, d (mm)	Mandrel Diameter (mm)
GPH QUANTUM B500DWR/ B600C-R/ B600D-R/ B420DWR	d ≤ 16	3d
	16 < d ≤ 32	6d
	32< d ≤ 50	7d
BDS ISO 6935-2:2021 B500DWR/ B600C-R/B600D-R/ B420DWR	d ≤ 16	3d
	16 < d ≤ 32	6d
	32< d ≤ 50	7d

Standard*	Rebar Diameter, d (mm)	Mandrel Diameter (mm)
GPH QUANTUM B500DWR/ B420DWR	d ≤ 16	5d
	16 < d ≤ 25	8d
	25< d ≤ 50	10d
BDS ISO 6935-2:2021 B500DWR/ B420DWR	d ≤ 16	5d
	16 < d ≤ 25	8d
	25 < d ≤ 50	10d

As per BDS ISO 6935-2:2021, Re-bending is not **prescribed** in rebar grades B600C-R, B600D-R.

Rebar Diameter. d mm	ACI 318-19	BNBC2020
	Minimum inside Bend Diameter, mm	Minimum Diameter of Bend, mm
10 ≤ d ≤ 25	6d	6d
25 ≤ d ≤ 40	8d	8d
40 ≤ d ≤ 57	10d	10d

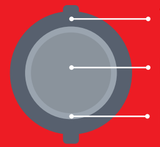
"THE GOOD LORD MADE US ALL OUT OF IRON. THEN HE TURNS UP THE HEAT TO FORGE SOME OF US INTO STEEL."

— MARIE OSMOND

WHY IS GPH QUANTUM THE WORLD'S BEST?

World's best, **100% pure GPH Quantum steel** is made within the **Quantum Electric Arc Furnace**. GPH has brought Quantum technology to **Asia for the first time**, which is also the only one of its kind **in South Asia**.

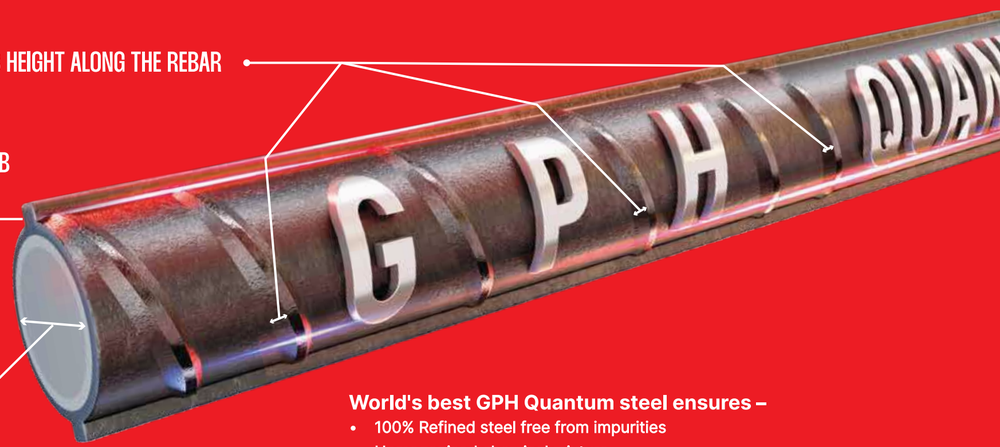
THREE LAYERS DEPICTING THE INTERNATIONAL QUALITY



- Tempered Martensite Ring for STRENGTH
- Ferrite & Pearlite Core for Enhancing DUCTILITY
- Mixed Bainite Ring

UNIFORM TRANSVERSE RIB HEIGHT ALONG THE REBAR

UNIFORM LONGITUDINAL RIB



UNIFORM DIAMETER

World's best GPH Quantum steel ensures –

- 100% Refined steel free from impurities
- Homogenised chemical mixture
- Superior ductility, perfect bendability
- Excellent weldability and firm bonding strength
- Uniform strength
- Earthquake resistant
- Corrosion resistant

Can be customized from 8 to 50 mm as per requirement.

MASS PER UNIT LENGTH & ITS TOLERANCES

All Grade	Nominal Diameter (mm)	Nominal Mass per unit length (Kg/m)	Tolerances (%)	Mass per unit length (Kg/m)	
				Minimum	Maximum
*GPH QUANTUM Standard	8	0.395	-5.1 to 0.0	0.375	0.395
Bangladesh Standard (ISO 6935-2:2021)		0.395	±8	0.363	0.427
*GPH QUANTUM Standard	10	0.617	-4.1 to 0.0	0.592	0.617
Bangladesh Standard (ISO 6935-2:2021)		0.617	±6	0.580	0.654
*GPH QUANTUM Standard	12	0.888	-3.4 to 0.0	0.858	0.888
Bangladesh Standard (ISO 6935-2:2021)		0.888	±6	0.835	0.941
*GPH QUANTUM Standard	14	1.210	-3.0 to 0.0	1.173	1.210
Bangladesh Standard (ISO 6935-2:2021)		1.210	±5	1.137	1.283
*GPH QUANTUM Standard	16	1.580	-2.6 to 0.0	1.539	1.580
Bangladesh Standard (ISO 6935-2:2021)		1.580	±5	1.501	1.659
*GPH QUANTUM Standard	18	2.000	-2.4 to 0.0	1.952	2.000
Bangladesh Standard (ISO 6935-2:2021)		2.000	±5	1.900	2.100
*GPH QUANTUM Standard	20	2.470	-2.1 to 0.0	2.417	2.470
Bangladesh Standard (ISO 6935-2:2021)		2.470	±5	2.347	2.594
*GPH QUANTUM Standard	22	2.980	-1.7 to 0.0	2.930	2.980
Bangladesh Standard (ISO 6935-2:2021)		2.980	±4	2.831	3.129
*GPH QUANTUM Standard	25	3.850	-1.5 to 0.0	3.792	3.850
Bangladesh Standard (ISO 6935-2:2021)		3.850	±4	3.696	4.004
*GPH QUANTUM Standard	28	4.840	-1.5 to 0.0	4.765	4.840
Bangladesh Standard (ISO 6935-2:2021)		4.840	±4	4.646	5.034
*GPH QUANTUM Standard	32	6.310	-1.2 to 0.0	6.235	6.310
Bangladesh Standard (BDS ISO 6935-2:2021)		6.310	±4	6.058	6.562
*GPH QUANTUM Standard	40	9.860	-1.2 to 0.0	9.741	9.860
Bangladesh Standard (ISO 6935-2:2021)		9.860	±4	9.466	10.254
*GPH QUANTUM Standard	50	15.420	-1.0 to 0.0	15.266	15.420
Bangladesh Standard (ISO 6935-2:2021)		15.420	±4	14.803	16.037

Variation Limit		Mass of each 12 meter pcs per KG			No. of 12 meter pcs per MT		
Minimum	Maximum	Nominal weight	Minimum	Maximum	Nominal weight	Minimum	Maximum
7.80	8.00	4.740	4.500	4.740	211.0	222.2	211.0
7.68	8.32	4.740	4.361	5.119	211.0	229.3	195.3
9.80	10.00	7.404	7.104	7.404	135.1	140.8	135.1
9.70	10.30	7.404	6.960	7.848	135.1	143.7	127.4
11.80	12.00	10.656	10.296	10.656	93.8	97.1	93.8
11.64	12.36	10.656	10.017	11.295	93.8	99.8	88.5
13.80	14.00	14.520	14.076	14.520	68.9	71.0	68.9
13.58	14.42	14.520	13.649	15.391	68.9	73.3	65.0
15.80	16.00	18.960	18.468	18.960	52.7	54.1	52.7
15.60	16.40	18.960	18.012	19.908	52.7	55.5	50.2
17.80	18.00	24.000	23.424	24.000	41.7	42.7	41.7
17.56	18.46	24.000	22.800	25.200	41.7	43.9	39.7
19.81	20.00	29.640	29.004	29.640	33.7	34.5	33.7
19.51	20.51	29.640	28.158	31.122	33.7	35.5	32.1
21.81	22.00	35.760	35.160	35.760	28.0	28.4	28.0
21.43	22.53	35.760	33.972	37.548	28.0	29.4	26.6
24.81	25.00	46.200	45.504	46.200	21.6	22.0	21.6
24.48	25.48	46.200	44.352	48.048	21.6	22.5	20.8
27.81	28.00	58.080	57.180	58.080	17.2	17.5	17.2
27.45	28.57	58.080	55.757	60.403	17.2	17.9	16.6
31.81	32.00	75.720	74.820	75.720	13.2	13.4	13.2
31.35	32.63	75.720	72.691	78.749	13.2	13.8	12.7
39.76	40.00	118.320	116.892	118.320	8.5	8.6	8.5
39.18	40.78	118.320	113.587	123.053	8.5	8.8	8.1
49.78	50.00	185.040	183.192	185.040	5.4	5.5	5.4
49.00	51.00	185.040	177.638	192.442	5.4	5.6	5.2

2 TYPES OF SERVICE

COUPLER AND GCTL SERVICE

Introducing GPH Construction Technologies Ltd. (GCTL): Transforming Rebar Solutions

GCTL, a sister concern of GPH ispat, proudly brings an all-in-one service designed to revolutionize the construction process through simplifying rebar-related tasks, reducing material waste, and saving time for contractors, engineers, and developers. With GCTL, GPH ispat takes a significant step forward in enhancing customer satisfaction and setting new benchmarks in the construction industry.

"THE FINEST STEEL HAS TO GO THROUGH THE HOTTEST FIRE"

— RICHARD M. NIXON

GCTL: TRANSFORMING REBAR SOLUTIONS

Design Optimization Service

Our Design Optimization Service simplifies construction while cutting costs and reducing waste to accelerate project timelines.

- **Efficient Material Utilization**
- **Enhanced Structural Integrity**
- **Time Savings in Execution**

Bar Bending Schedule (BBS) Service

Our BBS Service delivers precise and detailed rebar schedules, ensuring a seamless construction process and eliminating errors in execution.

- **Accurate Rebar Quantification**
- **Simplified Construction Planning**
- **Cost and Time Efficiency**

Customized Rebar Cut and Bend Service

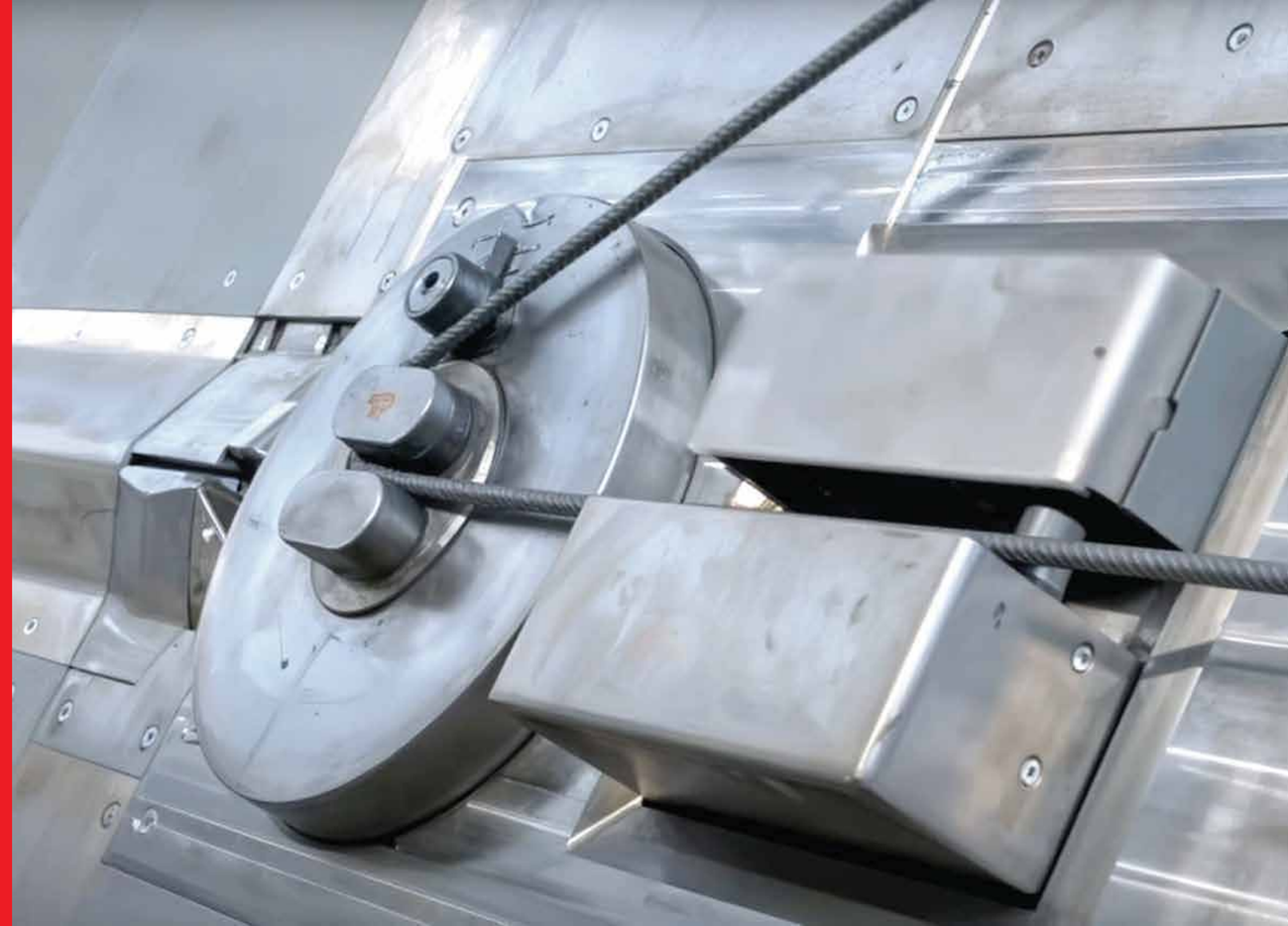
Our Customized Rebar Cut and Bend Service provides ready-to-use rebar tailored to your project's specific requirements, saving time and resources.

- **Precision Tailoring**
- **Enhanced Construction Speed**
- **Reduced Labor Costs**

Coupler and Threading Service

Our Coupler and Threading Service offers a reliable and innovative solution for rebar splicing, ensuring strength and efficiency in construction projects.

- **Strong and Reliable Joints**
- **Ease of Assembly**
- **Material Savings**



REINFORCING THE FUTURE RESPONSIBLY

ESTABLISHMENT OF ECO-FRIENDLY ADVANCED TECHNOLOGY

In its pursuit of national prosperity, GPH ispat has been contributing to the steel industry for years. However, with a growing awareness of environmental conservation, GPH ispat became the first in Bangladesh and Asia to adopt the environment friendly Quantum Electric Arc Furnace (QEAF) technology, aligning with Bangladesh's Nationally Determined Contribution (NDC) to mitigate the adverse effects of climate change. This technology directly contributes to environmental improvement by pre-heating scrap, reducing electricity consumption by 50%, and cutting natural gas usage by over 50%, saving approximately 26.46 million cubic meters annually. Instead of mining raw iron ore, GPH ispat recycles steel scrap. This recycling process reduces CO_2, emissions by 1.67 tons per ton of steel produced, compared to using raw iron ore. Through this initiative, GPH ispat significantly reduces environmental waste and greenhouse gas emissions, making a crucial contribution to the environment.

AIR POLLUTION CONTROL

To control air pollution, GPH ispat has installed a world-class Off-Gas Treatment Plant, reducing emissions to 10 micrograms per cubic meter, significantly below national and international standards. This plant captures harmful emissions, such as nitrogen oxides, carbon monoxide and other pollutants, keeping the air clean and free from harmful elements. In addition to meeting the International Finance Corporation (IFC) air emission standards, GPH ispat contributes directly to the NDC Roadmap, which focuses on reducing industrial greenhouse gas emissions and improving air quality. This initiative reinforces the company's sustainability strategy and positions GPH ispat as a pioneer in implementing innovative pollution control methods.

RAINWATER HARVESTING

To alleviate water scarcity and reduce dependence on groundwater, GPH ispat, based on research by the Institute of Water Modeling (IWM), has constructed a rainwater harvesting reservoir at the foothills. By building artificial dams along the slopes, GPH ispat has created a reservoir capable of storing 1.5 million cubic meters of rainwater across a 55-acre area. Additionally, GPH ispat ensures 100% water reuse in production through the Zero Liquid Discharge (ZLD) system. Wastewater from the plant is treated in a state-of-the-art water treatment plant, allowing it to be reused entirely, with no water being wasted or discharged into drains or sewers. This initiative has eliminated reliance on groundwater and contributes significantly to the United Nations Sustainable Development Goal (SDG) 6: Clean Water and Sanitation.

USE OF RENEWABLE ENERGY

To reduce carbon impact and electricity costs, GPH ispat has implemented renewable energy solutions, including a 6.05 MW Solar Photovoltaic (PV) System on its factory rooftops. This system reduces carbon emissions by approximately 89,000 tons annually, decreasing dependency on fossil fuels and contributing to Bangladesh's renewable energy goals. GPH ispat collaborates with the government and international organizations to expand its renewable energy capacity, directly supporting SDG 7: Affordable and Clean Energy. This initiative reflects GPH ispat's active role in transforming Bangladesh into a low-carbon economy.

QUALITY MANAGEMENT

Quality management in GPH Ispat Limited is of the utmost importance to ensure absolute purity in steel. We ensure all pillars of a reliable QMS system through:

- **Raw Material Quality Control**
- **Process Monitoring**
- **Testing and Inspection**
- **Documentation and Traceability**
- **Compliance and Certifications**

Effective quality management and an accredited laboratory in GPH ispat ensure product reliability, safety, and customer satisfaction while minimizing waste and production costs, maintaining the highest level of quality.

PAY EXTRA FOR THE QUALITY, NOT ONLY FOR THE BRAND

Testing and Inspection

Figure: Laboratory facilities of GPH ispat accredited laboratory.

RESEARCH & DEVELOPMENT

At GPH ispat, innovation drives our relentless pursuit of excellence through our Research & Development (R&D) the department has led to the introduction of new products, including the high-strength 600 grade rebars, with the highest ductility class in the world. Our R&D efforts extend beyond the present, paving the way for a stronger, more sustainable future in steelmaking and construction. At GPH ispat, we don't just adapt to change - we lead it.

INTERNAL RESEARCH

Manual bending machine

Our newly designed manual rebar bending machine, developed by our R&D department to offer enhanced precision and durability for construction projects. This is especially important for Bangladesh, where a lack of proper rebar bending practice in rural areas may lead to sub-standard construction projects.

1. Ergonomic Design
2. Precision Bending
3. Durability
4. Compact & Portable
5. Multi-size Compatibility

RESEARCH WITH EXTERNAL COLLABORATORS

1. Bangladesh University of Engineering and Technology (BUET)
    1.1. Department of Civil Engineering, BUET
    1.2. Material Research Center, BUET
2. Public Works Department
    2.1. Ministry of Housing and Public Works
3. Military Institute of Science and Technology (MIST)
    3.1. Department of Civil Engineering
4. Chittagong University of Engineering and Technology (CUET)

FROM ENVIRONMENTAL AND SAFETY

GPH Ispat Limited stands as a beacon of innovation and sustainability in Bangladesh's steel industry, redefining industrial growth with a commitment to environmental stewardship and cutting-edge technology. As the first in Asia to adopt the revolutionary Quantum Electric Arc Furnace (QEAF), GPH has set new benchmarks by slashing CO_2 emissions and energy consumption, achieving Bangladesh's NDC goals a decade ahead of schedule. Instead of mining raw iron ore, GPH ispat recycles steel scrap, which reduces CO_2 emissions by 1.67 tons per ton of steel produced. Its advanced

Off-Gas Treatment Plant ensures air emissions far below international standards, a 55-acre rainwater harvesting reservoir stores 1.5 million cubic meters, coupled with a Zero Liquid Discharge system, eliminates water waste. A 6.05 MW solar PV system further underscores GPH's dedication to renewable energy, cutting carbon emissions by 89,000 tons annually.

Beyond technology, GPH has planted over 200,000 trees, fostering biodiversity and creating a vibrant ecosystem. GPH's excellence is recognized globally through certifications like ISO 9001, ISO 14001, and

ISO 45001, reflecting its high standards in quality, environmental management, and occupational health and safety. Adding to its accolades, GPH has been honored as SDG Brand Champion in 2023 and 2024, showcasing its alignment with the United Nations Sustainable Development Goals. Recognized for its alignment with UN SDGs and ethical values, GPH ispat is not just a leader in sustainable steel but a global trailblazer in sustainable industrial transformation.

Monthly PEP Talk

In-house training

In-house Best EHS Performer

Mock Drill

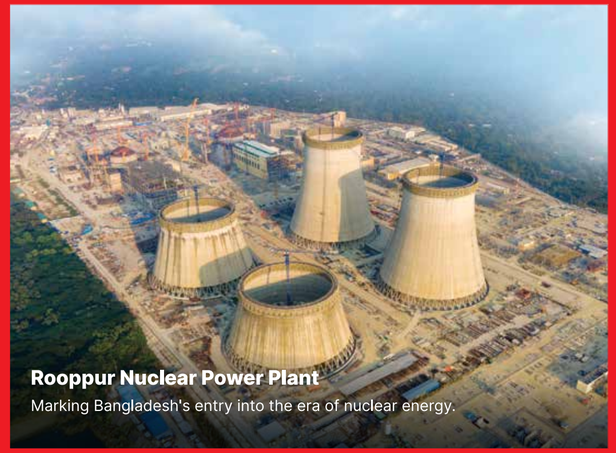
MEGA PROJECTS IN BANGLADESH

Padma Multipurpose Bridge

A groundbreaking step in facilitating seamless connectivity between Southern Bangladesh and the rest of the country.

Payra Thermal Power Plant

A milestone in achieving 100% electrification across Bangladesh.



Rooppur Nuclear Power Plant

Marking Bangladesh's entry into the era of nuclear energy.

Karnaphuli Tunnel

A marvel of engineering, setting a new milestone in effortless connectivity between Cox's Bazar, the deep-sea port, and the rest of the country.

Dhaka Metro Rail

A state-of-the-art addition to the transportation system in the densely populated capital.

TA Tower

A spectacular addition to the busy arena of Malibagh. The tallest building of the country.

GPH ONE

WELCOMES SMART CONSTRUCTION

GPH ONE is a game-changing service transforming construction with 'Engineering Intelligence'. Designed to address inefficiencies in traditional rebar cutting, bending and management, this integrated solution reduces cost, time, and material waste bringing precision and speed to every project.

From design optimization by expert engineers to pre-cut and pre-bend rebar, precise Bar Bending Schedule (BBS), Q-Cut, Q-Bend, and Q-Joint services; GPH ispat brings the world renowned coupler brand Leviat, from a Fortune 500 company, to Bangladesh to ensure perfect coordination at every stage of construction. Certified by UK CARES, Leviat couplers are tested for slip and fatigue. They feature a special thread and unique chemical composition. Using couplers reduces the need for too many rebars, saving on costs. Couplers also reduce rebars congestion at joints, thereby improving the overall quality of the concrete.

GPH ONE SERVICES

- Q-Cutting
- Q-Bending
- Q-Joint
- Q-Threading
- Design Optimization
- Bar Bending Schedule (BBS)
- Vetting & Value Engineering

GPH ispat

GPH ISPAT LIMITED

Registered Office

Crown Chamber, 325 Asadgonj, Chattogram-4000, Bangladesh
Tel: +88 031 631460, Fax: +88 031 610995, Email: info@gphispat.com.bd

Dhaka Office

Land View Commercial Center (7th & 8th Floor)
28 Gulshan North C/A, Circle-2, Dhaka-1212, Bangladesh
Tel: +88 02 222260177, 222280366, Email: salesdhk@gphispat.com.bd

Corporate Office & Plant

Masjiddah, Kumira, Sitakunda, Chattogram, Email: factory@gphispat.com.bd

www.gphispat.com.bd

QUANTUM