

THE LEGACY CONTINUES...



FROM THE D'S DESK



With India moving ahead with confidence on the economic growth trajectory, secondary steel industry in the country is also growing at a matching pace.

KVS Premier Group, having seen various trade cycles and having achieved many laurels during its journey spanning last thirty one years, continues to stand fully committed to producing innovative products conforming to strict quality standards, so as to retain the hard earned customer satisfaction and make its humble contribution in nation building.

KVS Premier group has always been known as a symbol of excellence and customer service. As a part of its endeavor, KVS Premier Group offers a wide range of more than 60 product combinations in the field of construction steel and light structural sections to its customers to meet their total requirements under one roof.

Not one to sit on the laurels of its past achievements, KVS premier Group strives consistently to adopt latest technology and practice cost cutting measures so as to minimize product cost without compromising on quality and staying sensitive towards environmental conservation.

With the intent to protect and promote interests of all its stakeholders, KVS Premier Group rededicates itself to the object of continued exploration of new horizons and achieving greater heights in the times to come.

SH. DEVENDRA KUMAR AGRAWAL

(Managing Director)

CONTENTS

KVS PREMIER GROUP	01
TRADITION OF EXELLANCE	02
THE VISIONARIES	03
STRATEGIC GOALS & MANAGEMENT POLICY	04
OUR CUSTOMERS & OUR SUPPLIERS	05
OUR QUALITY & QUALITY ASSURANCE PLAN	06
CORPORATE SOCIAL RESPONSIBILITIES	07
KASHI VISHWANATH STEELS PVT. LTD.	08
MANUFACTURING FACILITIES	09
HEAT TREATMENT PROCESS	10
THE TECHNOLOGICAL ADVANTAGE IN PROCESS	11
THE STEEL REDEFINE AN ULTIMATE COMPOSITION	12
WITH IMPRESSIVE FINESSE PROCESS	
FOR TOUGHER DUCTILITY	14
IN HOUSE LABORATORY & QUALITY CONTROL	15
EXCELLENCE ENDORSED	16
PRODUCT MANUFACTURED BY KVS PREMIER GROUP	17
CERTIFICATE	18
TEST REPORT	19
IMPANELMENT	20
KVS INFRAATECH LLP	23
(KVS FORZA - THE HIGH STRENGTH STEEL)	
PRODUCT RANGE	24
KVS FORZA BARS FEATURE	25
BENEFITS OF HIGH FORZA BARS	26
CUT & BENT REINFORCEMENT STEEL, QUANTITY SAVING CHART	28
CONVERSION FORZA BARS STIRRUPS	29
KVS FORZA BAR PROPERTIES	30
IN HOUSE LABORATORY & QUALITY CONTROL & EXCELLENCE ENDORSED	31
CERTIFICATE TEST REPORT	32 32
. 20 2	
PURCHASE ORDER	34
KASHI ENTERPRISES	35
(DELIVERING FOUNDRY SOLUTIONS UNDER ONE ROOF)	
THE PRODUCT RANGE	35
INFRASTRUCTURE - SEAMLESS & ENHANCED	37
MELTING SHOP & PATTERN SHOP	38
MOULDING SHOP - SHAPING THE GEOMETRY	39
FITTING EXCELLENCE IN FINISHING	40
HEAT TREATMENT ENHANCING STRENGTH DURABILITY OF COMPONENTS	40
QUALITY CONTROL DELIVERING VALUE FOR MONEY	41
OTHER EQUIPMENT GAUGING DIMENTIONS	42
CONVENTIONAL MACHINE SHOP ADDING VALUE TO COMPONENTS	42
CNC MACHINE SHOP TURNING ACCURACY	42
OUR INCESSANT ENDEAVOUR TOWARDS BETTER TOMMORROW	43
(FRITHE ATE	/1 /1



Born Out of A Heritage

It's the era of technology where a visionary was born who foresighted the future of steel and its essentiality in all aspects of life. Sh. Mithilesh Kumar Agarwal had a vision to take India to the epitome of progress and prosperity which led him to establish KVS Premier Group with the business of manufacturing Katha in 1954. The group has been technology-driven and has a broad product portfolio with significant concentration in Steel, complemented by Castings and consumer products. Beside these, the Group has ventured into diverse business activities, ranging from Refined Oil, Vegetable Ghee, Horticulture and Agriculture.

Carrying forward the heritage of the Group, Sh. Devendra Kumar

Agarwal spearheaded the company to a new height of excellence and recognition with their years of experience. An enterprising spirit and the ability to discern future trends have always been the driving force behind the company's remarkable growth story.

We do not pursue quantitative growth as an end in itself. By qualitative growth, we mean all measures that strengthen the company, even if sales remain flat or even decrease. In this respect, key points for us are:

- High profitability
- Expanding the product line
- Penetration into new markets
- We want to retain our independence, both from an ownership standpoint and with regard to our



ATRADITION OF EXCELLENCE



With leading-edge manufacturing technologies, KVS Premier Group seeks to excel by providing the best quality products and the best possible service to the customers. The focus on continuous improvement and proficient R&D has enabled the group to stay ahead in the industry. Applauded for its tough construction, superb finishing & high durability, KVS Premier Group Construction Steel range (TMT Bars & Light Structural Steel) represents reliability and quality to customers.

KVS Premier Group is proud to be a part of the legacy that is earned over last three decades and aspires to become an epitome of excellence. Highly Respectable Jindal-Galwalia family have always been the driving force behind the company's outstanding growth story. The group also feels privileged and enjoys the blessings of the Group Chairman Mr. Mithlesh Kumar Galwalia.

Under the enterprising, dynamic & visionary leadership of Mr. Devendra Kumar Agrawal as Managing Director, ably supported by his son Mr. Arpan Jindal, Director, the group has attained new heights of excellence and recognition. With the combined force of innovation, adaptation of new technologies, the group, is consistently striving to attain its set goals of delivering assured quality, responsive service, establishing new benchmarks and achieve the pinnacle of success in the industry.

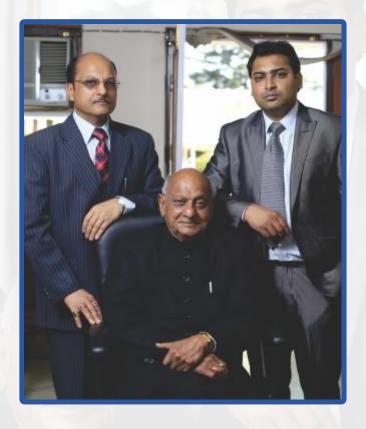
THE VISIONARIES

SH. MITHLESH KUMAR AGRAWAL (Chairman)

An commerce graduate, Shri Mithlesh Kumar Agrawal was born in an affluent family of forest contractors and food grain traders. With a desire to do something innovative, he started his career with manufacturing of Katha in 1954 and entered into the manufacturing sector. The product portfolio was further expanded by adding rice mill and sugar in to it. Shri Mithlesh Kumar Agrawal was awarded 'UDYOG RATNA' by the Government of Uttarakhand in recognition of his contribution to the industry in the State of Uttarakhand. Apart from his business activities, Shri Mithlesh Kumar Agrawal has always been active in the fields of social organizations and Trade Associations. A Chartered Member of Lions Club, he was President of Vyapar Mandal, Ramnagar and Chairman, Nagar Palika, Ram Nagar.

SH. DEVENDRA KUMAR AGRAWAL (Managing Director)

Shri Devendra Kumar Agrawal, Managing Director of KVS Premier Group was born on June 17th. 1957 in an industrial family of Ramnagar in Devbhumi, Uttarakhand. Under his leadership, the group reached new heights. He is an active ROTARIAN and served as Rotary District Governor for the year 2014-15. Shri Devendra Kumar Agrawal is the proud recipient of UDYOG PATRA Award for his contribution to the business sector from Mr. Sharad Yadav, the then Union Minister of Consumer Affairs, Food & Public Distribution. For his contribution to the industrial development of the state, he was also given the "JEWELS OF UP AND UTTRAKHAND AWARD" by the erstwhile Chief Minister of Uttrakhand Dr. Ramesh Pokhrival Nishank. Shri Devendra Kumar Agrawal 's concerns for environment protection and conservation were well appreciated by the Govt. of Uttarakhand by honoring him PARYAVARAN PURASKAR for operating the best environment friendly industrial unit in the state of Uttarakhand.



ARPAN JINDAL (Director)

Arpan Jindal is the Director of KVS Premier Group. Son of Shri Devendra Kumar Agrawal, Managing Director, young entrepreneur, he done his Master of Business Administration. Shri Arpan Jindal is having about 10 years experience in running industrial units. He was instrumental in setting up the casting manufacturing facility and lining up the supply of Sugar Mills, Rolling Mill, Railway, Hydro Power Projects, Automobile castings to automobile majors such as Mahindra & Mahindra Ltd., TATA Motors and Bajaj Auto Limited at Pantnagar.

STRATEGIC GOALS

- Investing to earn superior returns with due regard for risk.
- Partnering with like-minded business associates.
- Providing quality products to our esteemed customers & fulfill other requirements for delivery and services.
- Delivering value for money.
- Continue to focus on improving our cost competitiveness.
- Creating employment opportunities.
- Building a culture of excellence and pride in KVS Group.
- KVS be the quality, price & volume leader in every industry of its presence.
- Among the most technologically advanced, both from a technical and a quality standpoint.
- A provider of exceptional customer care and service in market place.
- \varTheta Adopting high standards of occupational health and safety, environmental management and ethics

MANAGEMENT POLCY

- To view change in the market as an opportunity to grow; to use our profits and our ability to develop and produce innovative products, services and solutions that satisfy emerging customer needs.
- KVS performance starts with motivated employees; their loyalty is key. We trust our employees to do the right thing and to make a difference.
- Everyone has something to contribute: Its not about title, level or tenure.
- An exciting, stimulating work environment is critical to invention.
- A diverse workforce gives us a competitive advantage.
- Employees are responsible for lifelong learning.
- 🛑 The highest standards of honesty and integrity are critical to developing customer and stakeholder loyalty.
- The betterment of our society is not a job to be left to a few; it is the responsibility to be shared by all. This objective is essential to delivering on the brand promise.



OUR CUSTOMERS

Satisfying our customers' needs is the fundamental to our survival and our prosperity. These needs can best be understood in terms of the support we lend to our customers in helping them meet their objectives with the minimum use of their resources. Thus, our goal is to provide superior, easy to use, reliable products that conform to specifications and offer innovative solutions to our customers' problems. We endeavour hard to back up these products with excellent product literature and strong customer service that includes highly effective applications assistance, quick response to inquiries and dependable delivery. We work hard at understanding our customers businesses so that we may anticipate their needs and enhance their effectiveness. We wish to be major suppliers to our key customers and to establish long lasting business relationships based on quality, performance and integrity. The performance certificates released by some of our satisfied customers from Public & Private Sectors that are included in the annexure reflects our spirited efforts in addressing various customised requirements of our valuable customers.

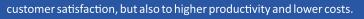
OUR SUPPLIERS

Our suppliers are partners in our efforts to develop market share by fulfilling our customers' needs. This requires that we be open and frank about our plans and requirements as they would affect them. It also requires that we seek to understand the constraints placed upon our suppliers by their technology, cost structure and financial resources. We place strong emphasis on associating with suppliers who are financially stable, competent and honest, and who are consistent in meeting their delivery and quality commitments to us. We value our suppliers & the raw material & services rendered by them. Our major raw material suppliers TATA Sponge Jindal, Monnet, Visa Steel & various auto components & ancillaries makers based in SIDCUL Pantnagar and our workmanship collectively ensure inducement of quality in our end products.

OUR Quality

Customer satisfaction, and thus our success, is critically dependent on dependable delivery of high quality products and services. A high quality product or service is one that is delivered when promised and performs as specified under all intended operating conditions throughout its intended life.

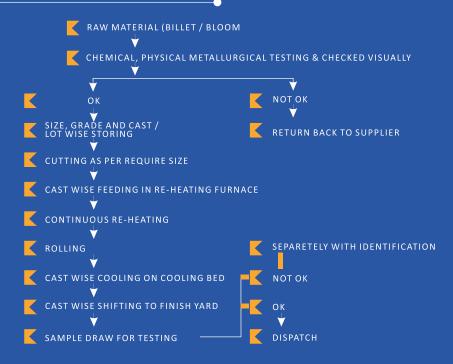
The achievement of high quality begins with product planning, but it is an integral part of product design and implementation of manufacturing processes. High quality depends upon the commitment of all employees to the on-time production of defect free products and services. High quality is not a static condition rather it is susceptible to continuous improvement through systematic identification and elimination of causes of errors and variances, through development of improved designs, processes and through education & training. continuous improvement of quality leads not only to greater



The concept of quality improvement is applicable to every area of the company, including marketing, customer service, finance and human resources, as well as manufacturing and engineering. Every employee should be committed to quality improvement and should be determined to do it right at first time and do it better the next time

QUALITY ASSURANCE PLAN

PROCESS FLOW CHART





CORPORATE

SOCIAL RESPONSIBILITIES

GENEROUS CONTRIBUTION FOR BETTER TOMORROW

KVS Premier has substantial exposure in the field of corporate social responsibilities. To name a few:

- KVS Premier established charitable trust in the name of Galwalia Seva Shiksha Sansthan undertaking progressive initiative in education and other social issues.
- KVS Premier has set up Pyare Lal Nand kishore Galwalia Rajkiya Mahavidyala Ramnagar. It has also built the fully furnished Computer Education block and renovation of school building at Mahadev Nagar near Bheem Nagar, Kashipur.
- Established Library at Gomti Pooran Prasad Garg Inter College, Ramnagar for the benefit of the readers at large.
- 4 KVS Premier has also extended assistance by creating and maintaining the infra-structure of Girls Govt. Inter College, Kashipur.
- KVS Premier has Constructed "Jindal Auditorium" at Kumaon Garhwal Chamber of Commerce & Industry, Kashipur to facilitate various social and corporate activities for the entire business community.
- **6** KVS Premier has encouraged search for local talents in sports and athletics in the region. Stress has been laid in fitness and healthcare as well.
- KVS Premier has sponsored a Blood Donation Camp in a large scale associate with L.D. Bhatt Govt. Hospital, Kashipur at KVS Premier Campus.
- Last but not least, the group provides scholarships to meritorious students of the region and some of those have excelled in their lives and have now a respectable identity of their own in the society.





KASHI VISHWANATH STEELS PVT. LTD



KVS POWERCON TMT BARS

KVS POWERCON HEAT TREATED TMT BARS with superior and elastic energy absorbing features are best suited for construction in seismic / non seismic zones, modern construction and structures of high public and strategic importance.

KVS POWERCON TMT BARS are characterized by higher UTS / YS ratio due to which they are capable of absorbing more energy if loaded beyond yield point due to sudden loading as experienced during an earthquake.

KVS POWERCON TMT BARS exhibit minimum Elongation with guaranteed UTS / YS ratio as per BIS. This enables the material to withstand sudden load absorption capacity, which is encountered during earthquake, cyclones, tsunamis etc. thus providing higher safety.

KVS POWERCON TMT BARS are in full conformity with IS: 1786:2008 Grade Fe 415 /415D, Fe500 /500D and Fe 550 /550D specifications.



MANUFACTURING FACILITIES

- Multiple Induction Furnaces for production of superior and regulated quality of Billets.
- Double Stand 4 / 7 meter Continuous Casting Machine (CCM)
 Integrated with an Automated Rolling Mill.

KVS POWERCON TMT Bars Available Sizes (in mm)

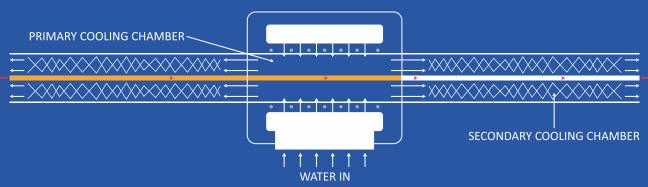
8	10	12	16
20	25	28	32







HEAT TREATMENT PROCESS





THE TECHNOLOGICAL ADVANTAGE IN PROCESS

TURBO COOLING SYSTEM

FOR HEAT TREATMENT PROCESS

KVS POWERCON TMT BARS draw their strength from a computer controlled inline process of hardening & tempering, which involves:

QUENCHING

The hot rolled bar leaves the final mill stand and is rapidly quenched by a special water spray system. This converts the surface layer of the bar to a hardened structure called Martensite while the core remains austenitic.

SELF TEMPERING

The bar leaves the quenching box with the core temperature being higher than that at the surface. This allows the heat to flow to the surface from the core, thereby tempering the surface, resulting in a structure called Martensite. The core remains austenitic at this stage.

ATMOSPHERIC COOLING

Cooling takes place on the walking cooling bed, where the austentic core is transefered to a ductile Ferrite-Pearlite core leaving a strong outer layer of tempered Martensite and a ductile core of Ferrite-Pearlite.

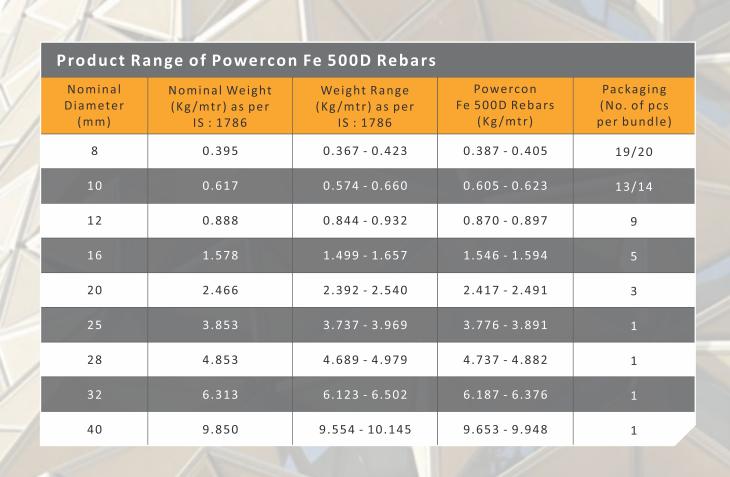


THE STEEL REDEFINED AN ULTIMATE COMPOSITION WITH IMPRESSIVE FINESSE

KVS POWERCON TMT BARS PROPERTIES

Chemical Properties of KVS POWERCON Fe 500D TMT Bars			
Test	IS : 1786 Fe 500D Gr. (%)	KVS Powercon Fe 500D Gr. (Observed Values)%	
Carbon (Max.)	0.25%	0.25%	
Sulphur (Max.)	0.040%	0.035%	
Phosphorus (Max.)	0.040%	0.035%	
Sulphur + Phosphorus (Max.)	0.075%	0.070%	

Mechanical Properties of KVS POWERCON Fe 500D TMT Bars			
Test	IS : 1786 Fe 500D Gr. (%)	KVS Powercon Fe 500D Gr. (Observed Values)%	
Yield Stress / Proof Stress (N/mm²)(Min.)	500	520	
Tensile Strength (N/mm²)(Min.)	565	590	
Elongation (Min.)	16%	17%	

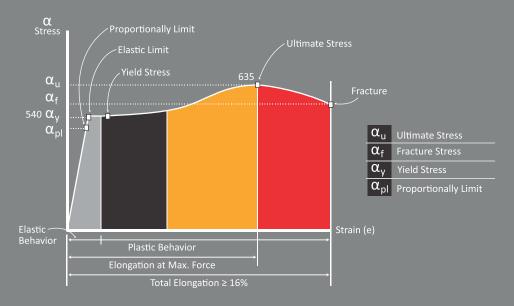


FORTOUGHER DUCTILITY

Ductility is a property which helps in elongation of TMT Bar and prevents it from snapping abruptly. KVS POWERCON TMT Bars have the rare combination of high strength with ductility. Elongation along with its Yield stress / Proof Strees [Uy] of a steel rebar plays a major role in its ductility. Elongation of a Steel TMT Bar refers to ability to elongate before failure. It is an ultimate stress / deformation [Um] at fracture. Yield stress corresponds to the Yield Strength [Fy]: which is maximum load that an element can undertake. UTS or Ultimate Tensile Strength defined as ultimate stress a material can withstand, defines the ductility for the material. **Studies prove a higher tensile strength in TMT Bars result in less consumption of steel.**

STRESS STRAIN CURVE FOR KVS POWERCON TMT BARS

(SHOWING LOADING & UNLOADING PATH)



IN-HOUSE LABORATORY &QUALITY CONTROL

IN-HOUSE LABORATORY AND QUALITY CONTROL

- Well equipped Chemical Laboratory for Wet Analysis with Strohlien Apparatus Oven, Hardness Tester,
- Electronic Balances etc.
- Spectrometers Model GDS 500A, Leco Make, USA with 22 elements.
- UTM of 60 Tons Capacity to check physical properties.

Team of specialized and qualified technicians to ensure utmost conformity of the product to laid down stringent parameters.



EXCELLENCE ENDORSED

KVS Premier Group is endeavoring in manufacturing Construction Steel & Structural Steel Sections as per BIS Specification IS:2830:2012, IS:2831:2012, IS:1786:2008, IS:2062:2011, IS:15911:2010.

- An ISO 9001:2008 & ISO 14001:2004 Certified company and also possesses OHSAS 18001:2007 Certification.
- Registered with various Central & State Govt. undertaking viz.
 - 1. RDSO (Research Design Standards Organisation).
 - 2. MES (Military Engineer Services).
 - 3. IOCL (Indian Oil Corporation Limited).
 - 4. AWHO (Army Welfare Housing Organisation).
 - 5. DGS&D (Director General of Supplies & Disposals).
 - 6. Uttaranchal Payjal Nigam (Construction Division).
 - 7. PTCUL (Power Transmission Corporation Of Uttarakhand Limited).
 - 8. **UPSRTC** (Uttar Pradesh State Road Transport Corporation).
 - 9. NTPC (National Thermal Power Corporation).
 - 10. NHPC (National Hydro Power Corporation).
 - 11. PSPCL (Punjab State Power Corporation Limited)
 - 12. U.P. State Bridge Corporation
 - 13. UPCL (Uttrakhand Power Corporation)
 - 14. UPPCL (U.P. Power Corporation Limited)
 - 15. UPRNN (Uttar Pradesh Rajkiya Nirman Nigam Limited)
 - 16. U.P. Samaj Kalyan Nirman Nigam
 - 17. Rural Engineering Services, etc.

KVS POWERCON TMT BARS FEATURES

- 1 EXCELLENT BOND STRENGTH 2 BENDABILITY
- 3 WELDABILITY 4 SUPERIOR DUCTILITY
- **T** EARTHQUAKE RESISTANT







PRODUCTS MANUFACTURED

BY KVS PREMIER GROUP

PRODUCT PORTFOLIO - TMT BARS

KVS POWERCON TMT BARS (As per IS: 1786:2008)

(Grades Fe 415/415D, Fe 500/500D, Fe 550/550D)

Sections: 8mm, 10mm, 12mm, 16mm, 20mm, 25mm, 28mm, 32mm

KVS LIGHT STRUCTURAL STEEL

KVS PLAIN ROUNDS (As per IS: 2062:2011, IS: 15911:2010) Sections: 8mm, 10mm, 12mm, 16mm, 20mm, 25mm, 28mm, 32mm, 40mm

KVS ANGLES (As per IS: 2062:2011, IS: 15911:2010)

Sections: A25X25X3mm, A32X32X3mm, A35X35X5mm, A40X40X4/5/6mm,

A50X50X4/5/6mm, A65X65X5/6mm, A75X75X6/8mm

KVS FLATS (As per IS: 2062:2011, IS: 15911:2010)

Sections: F20X3mm, F20X4mm, F20X5mm, F25X6mm, F32X6mm, F38X8mm, F40X6mm, F50X5/6/10/12/16/20mm, F65X6/8/10/12/16/20mm, F75X6/10mm*, F100X6/12mm

KVS CHANNELS

(As per IS: 2062:2011, IS: 15911:2010)

Sections: C75X40mm (LC),

C75X40mm (MC), C100X50mm

KVS SQUARES

(As per IS: 2062:2011, IS: 15911:2010)

Sections: 8mm, 10mm, 12mm,

16mm, 20mm, 25mm

 $KVS\ T$ - IRON (As per IS : 2062:2011, IS : 15911:2010) Sections : T-50X5/6, T-75X8/10

KVS LIGHT STRUCTURAL STEEL PROPERTIES (As per IS: 2062:2011)

CHEMICAL PROPE	RTIES	MECHANICAL PROPERTIES	
TEST	As per IS: 2062:2011	TEST As	per IS : 2062:2011
Carbon (Max.)	0.23%	Yield Stress / Proof Stress (N/mm²) (Min.)	>250
Sulphur (Max.)	0.045%	Tensile Strength (N/mm²) (Min.)	>410
Phosphorus (Max.)	0.045%	Elongation (Min.)	23%
Manganese (Max.)	1.50%		
(As per IS : 15911	:2010)		
CHEMICAL PROPE	RTIES	MECHANICAL PROPERTIES	
TEST	As per IS : 15911:2010	TEST As	per IS : 15911:2010
Carbon (Max.)	0.25%	Yield Stress / Proof Stress (N/mm²) (Min.)	>215
Sulphur (Max.)	0.060%	Tensile Strength (N/mm²) (Min.)	>370
Phosphorus (Max.)	0.075%	Elongation (Min.)	23%
Manganese (Max.)	1.25%		
Manganese (Max.)	1.23/0		

CERTIFICATES

BIS 1786 - 2008 FOR TMT BAR



BIS 2062 - 2011 FOR STRUCTURAL STEEL



ISO 14001



ISO 9001



ISO 18001



TEST REPORTS

IIT ROORKEE



IIT ROORKEE



IIT ROORKEE



SHRIRAM LAB DELHI TEST REPORT FE 500 8MM



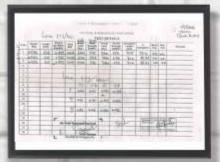
SHRIRAM LAB DELHI TEST REPORT FE 500 25MM



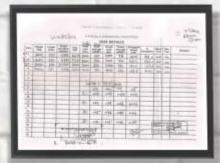
SGS TEST REPORT FE 500 10MM TMT



SGS TEST REPORT FE 500 12MM TMT



SGS TEST REPORT FE 500 28MM TMT



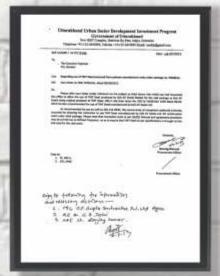


EMPANELMENT &

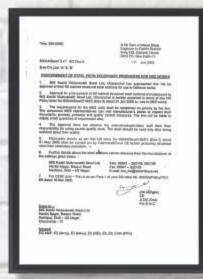
INDIAN OIL



UUSDIP (UTTARAKHAND)



MES STRUCTURAL STEEL



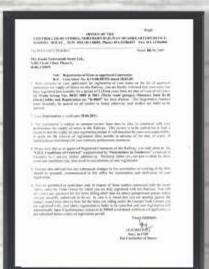
MES TMT BAR



PTCUL



NORTHERN RAILWAY



GOVT. PURCHASE ORDERS

UPSRTC KANPUR



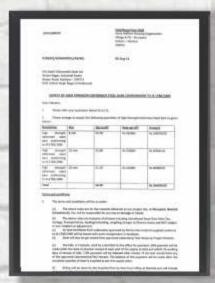
UPSRTC KANPUR



CPWD JAIPUR



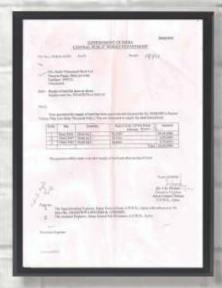
AWHO NAINITAL



UP JAL NIGAM LUCKNOW



CPWD AJMER



GOVT. PURCHASE ORDERS

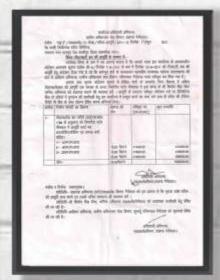
NTPC DADRI



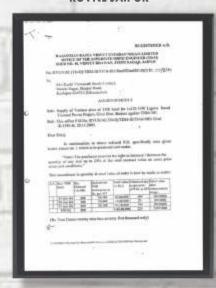
EASTERN RAILWAY



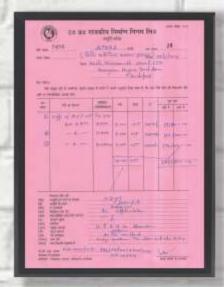
CPWD RES NAINITAL



RUVNL JAIPUR



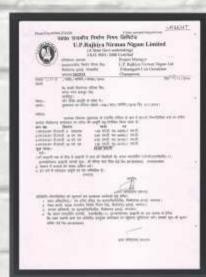
UPRNN ALMORA



UTTER PRADESH SAMAJ KALYAN VIBHAG HALDWANI



UP RAJKIYA NIGAM CHAMPAWAT



UPCL DEHRADUN

