



FOR YOUR STRONGER WORLD



VIJAY SHRI STEEL PVT LTD
Krishnanagar, Kapilvastu, **Nepal**



VIJAY SHRI STEEL Plant at Shivaraj, Kapilvastu, Nepal



Born to Rule

कडा मेहनतको कुनै विकल्प छैन

This is a very common saying in Nepal "**Hard work has no substitute**". Nurtured on this philosophy, today **Vijayshri Group** very proudly stands tall on Nepal's business horizon with various flourishing enterprises to its credit. This is the core value of the group which strengthens our belief and confidence that helps us excel and be the pioneers in the market.

Vijaya Group is one of the leading Business Houses of Nepal and have been into the industry for more than three decades. Started as a trading house, its Promoter **Shri Rajendra Kedia** and **Shri Vijay Kedia**, incorporated and installed a Cement Plant under the parent Company **Vijaya Cement Private Limited** at Krishnanagar Kapilvastu Nepal in 2001. With a huge chain of dealers and distributors pan-Nepal, the product '**Vijaya Cement**' is a highly acclaimed Cement brand of Nepal today.

Taking forward the legacy of hard work, ethics and commitment the group's gen-next has come into fore to establish a state-of-the-art **TMT rebar plant** here at Shivaraj, Kapilvastu. The new entity **Vijay Shri Steel Pvt Ltd.** is Nepal's first ever fully automated most modern TMT plant equipped with **TEGUM**, a **German Quenching System**. It has a 3 lacs MT per annum production capacity.

Born to Rule, the brand **Vijay Steel** is all set to contribute to the ever growing demand of housing and infrastructure development of the Nation. Manufacturing under the stringent quality control and R&D, **Vijay Steel** is approved by **N. S. Standard**. It is best TMT Rebar available in the Market which has all the essential qualities needed for a stronger and durable construction.

The **Vijaya Group** is also into the manufacturing of batteries, bitumen import and trading of agricultural wares.



Core Value:
Providing a quality
product with
honesty to our
nation

Mission

Conforming to our tag line '**Born to Rule**', our mission is to become pioneers in the TMT Steel manufacturing by utilizing the most modern technologies and engineering that would maintain and deliver excellence, perfection and high standards of products to our clients at an affordable price.

Vision

Our vision is to be nationally recognized as a top contributors to the ever growing demand of the world class steel re-bars for country's most sustainable and stronger infrastructure.

Objectives

- To develop a Pan Nepal Brand Loyalty for 'Vijayshri Steel' with our untiring sincere efforts towards producing quality TMT Re-bars and its flawless supplies.
- To work in cohesion with the customers' honest feedback to improve our products and supplies.
- To broaden our dealers network base across the length and breadth of our country
- To develop and promote work culture where an employee always tries to excel in their professional, personal and social life.



Mission & Vision

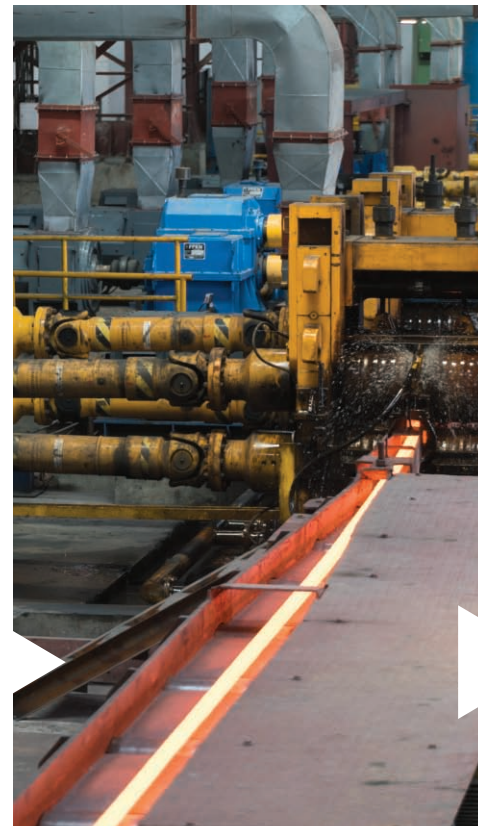
Processing Line



Prime Raw Material
Steel Billets



Steel Billet **heated** in
Computerized Controlled
Furnace at 1200-1250°C



Rolling and forming
Reinforced bars



German **TEGUM**
Quenching System



Atmospheric **Cooling**



Automatic Tagging,
Bundling, Bending,
weighing & dispatch

Ours is the most modern Plant in Nepal with
a production capacity of 3,00,000 MT / annum
i.e. a production speed of 28 meters / second.



Modern Plant

The plant is fully automatic and can be operated by one person at a control desk. It has the latest **German TEGUM Quenching System** (The first in Nepal) that can produce high strength TMT bars of **FE500, FE550, FE500D, FE550D** and **FE600** grade.

Ours is the only plant in the country having **German Technology** to lubricate the Mill where oil flows through pneumatic system automatically that helps the plant run smoothly.



German TEGUM **Quenching System**



UTM: Computerized Universal Testing Machine

Maintaining Standard Mass/Meter

On a regular interval our lab testing facility ensures the Sectional Weight (kg/m) of produced TMT Re-bars maintaining consistent quality of the products as per the N.S. Standards.

Quality Control

To maintain the quality of the products we take samples of every alternate piece from the production line to check its various parameters like **weight per meter, chemical and physical qualities** as per the **N.S. Standards**.

Operating under highly qualified experts our state-of-the-art testing lab keeps stringent control on the quality of products testing through various equipments and processes for the chemical composition of raw material (Billets).

The 100 ton **UTM** tests **yield stress, tensile strength, elongation, weight/meter** and **total elongation** thus ensuring the perfect product for our esteemed customers.



Our Main Products



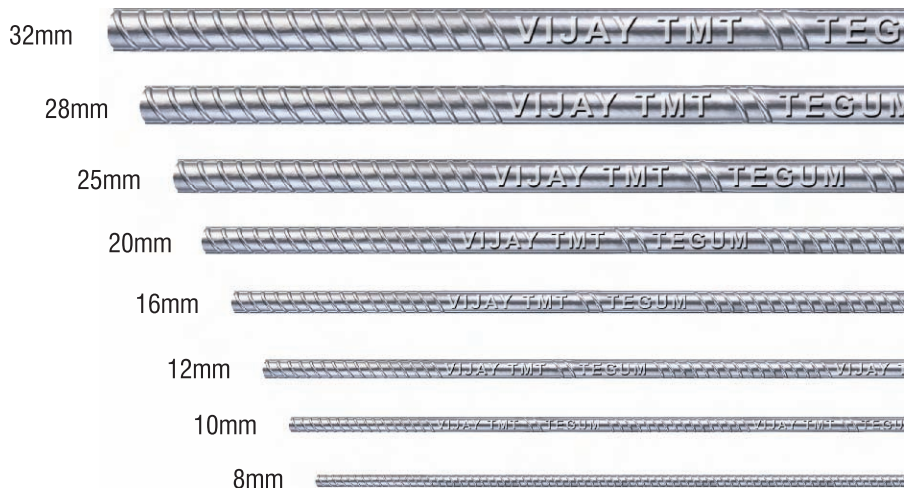
Chemical Composition of VSSPL		Chemical Composition As Per NS:191		Mechanical Properties							
				Size in MM	0.2% Proof stress N/MM²	Tensile Strength N/MM²	TS/YS Ratio	Elongation %	Bend Test	Rebend Test	Grade
%C	0.12-0.25	%C 0.30	Max	8MM	542	650	1.20	22.12	OK	OK	Fe-500
%Mn	0.60-0.90	%Mn 0.60	Min	10MM	540	655	1.21	21.30	OK	OK	Fe-500
%S	0.016-0.050	%S 0.055	Max	12MM	550	654	1.19	21.65	OK	OK	Fe-500
%P	0.017-0.050	%P 0.055	Max	16MM	539	648	1.20	20.10	OK	OK	Fe-500
				20MM	549	667	1.21	19.54	OK	OK	Fe-500
				25MM	538	675	1.25	19.51	OK	OK	Fe-500
				28MM	540	656	1.21	20.15	OK	OK	Fe-500
				32MM	545	680	1.25	20.88	OK	OK	Fe-500



Fe500D



Chemical Composition of VSSPL		Chemical composition As Per NS:191		Mechanical Properties							
				Size in MM	0.2% Proof stress N/MM²	Tensile Strength N/MM²	TS/YS Ratio	Elongation %	Bend Test	Rebend Test	Grade
%C	0.12-0.21	%C 0.25	Max	8MM	560	650	1.16	22.12	OK	OK	Fe-500 D
%Mn	0.60-1.00	%Mn 0.60	Min	10MM	550	688	1.25	21.30	OK	OK	Fe-500 D
%S	0.014-0.035	%S 0.040	Max	12MM	564	654	1.16	21.65	OK	OK	Fe-500 D
%P	0.015-0.035	%P 0.040	Max	16MM	558	648	1.16	20.10	OK	OK	Fe-500 D
				20MM	563	667	1.18	19.54	OK	OK	Fe-500 D
				25MM	552	681	1.23	19.51	OK	OK	Fe-500 D
				28MM	544	688	1.26	20.15	OK	OK	Fe-500 D
				32MM	549	695	1.27	20.88	OK	OK	Fe-500 D



Product Qualities



GERMAN TECHNOLOGY



SAVE MONEY



HIGHER BILLETS



EARTH QUAKE RESISTANT



LAB TESTED



EXTRA RIB



EXCELLENT STRENGTH



BETTER WELD ABILITY



SUPERIOR BENDABILITY



BETTER ANTI-CORROSIVES
PROPERTIES



FIRE RESISTANT



CONSISTENT QUALITY



HIGHER ELONGATION



Our prime raw material is tested for chemical and physical analysis. Once raw material is out of reheating furnace we check its temperature so that quality product is produced.



PLC Controlled Furnace



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