



NILKANTH STEEL

MAJBOOTI KA MAJBOOT BHAROSA

1st INTEGRATED STEEL PLANT OF
GUJARAT AND WESTERN INDIA



| About Us

Nilkanth Concast Pvt Ltd is one of the largest manufacturers of international quality steel bars in India as per IS: 1786-1985, it has the prestigious ISO 9001:2000 certification, manufacturing "Nilkanth TMT". Nilkanth Concast Pvt. Ltd is the first integrated steel plant set up in Gujarat to start production of TMT Bars from Billets. The company has the highest 400+ dealer network in the state.

Nilkanth Concast Private Limited with the brand name "Nilkanth Steel" has setup first integrated plant which is spread over 125 acres land with complete integrated facilities like sponge iron production Unit, Billet Manufacturing and its rolling Mill division & its captive power plant of 20 MW that makes a complete integrated steel manufacturing plant for manufacturing international quality TMT Bars. NilkanthConcast Pvt. Ltd has setup its plant at strategic location in proximity of Kandla & Mundra Port to ensure procurement of Iron-ore, Iron -ore Pellets & Imported coal.

From its humble beginnings in the steel industry from Kutch (Gujarat), the Nilkanth Concast Pvt. Ltd has expanded its presence across western region of India. Nilkanth Concast Pvt. Ltd is known to be the "strategic first mover" to venture away from status quo, have the conviction to make fundamental changes and drive operational excellence on its quest to become best every day.





SPONGE IRON

Nilkanth Concast manufactures sponge iron through DRI Process in Rotary Kilns with capacity of 0.2 Millions Tonnes Per Annum with High Grade Iron Ore and Imported Coal and dolomite.



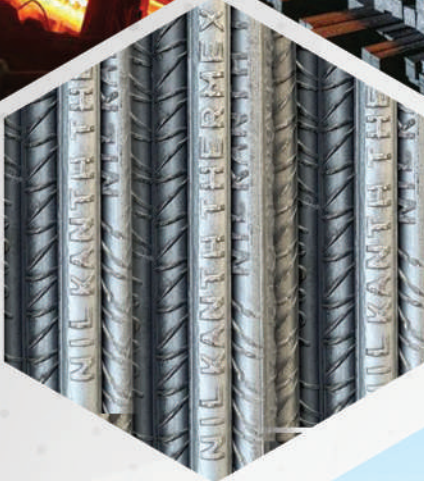
CAPTIVE POWER

NCPL Generates 20 MW Power through waste heat recovery boilers and AFBC. It is most advanced environment friendly technology for generation of Power



MELTING UNIT

Nilkanth Concast melts sponge iron through its Induction Furnaces and LRF Furnaces and manufactures Billets through CCM Directly. It has capacity to produce 0.5 Millions Tonnes Low Sulphur and Low Phosphorous Billets per Annum



NILKANTH THERMAX TMT

Nilkanth Fe 500 and 500D is superior quality bars having lower percentage of carbon, sulphur and phosphorous and easily bendable with great ductile characteristics and also have capacity to absorb sudden load which make them ideal solution for all natural calamities and disaster



DISTINCTIVE CHARACTERISTICS OF NILKANTH STEELS

- Nilkanth Thermax TMT Bars FE 500 and 500D is made from 100% billets according to BIS Certification and IS:2830:2012, which is manufactured by chemical controlled process and highest quality pure raw materials in a BIS, ISO and ISI certified company.
- Nilkanth Thermax TMT Bars are manufactured by latest THERMEX QST German Technology. There is In-house Modern Quality lab with multiple UTM Machine and spectrometers for chemical and physical testing of raw materials and final products at every stage of the process for steel making.
- Nilkanth TMT Bars can be bent and re-bent around small mandrels and they have high yield strength coupled with ductibility and suitable choices for special seismic zones.
- Nilkanth TMT Bars is approved make in government departments and projects and the only make with approval in all western india refineries like IOCL, Vadodara, Jamnagar Refinery and HRRL Refinery, Pachpadra (Raj.)

CHEMICAL COMPOSITION

Properties	Nilkanth 500	Nilkanth 500D	Nilkanth 550	Nilkanth 550D	Nilkanth CRS
Carbon	0.25	0.22	0.25	0.22	0.12
Sulphur	0.040	0.035	0.040	0.035	0.035
Phosphorus	0.040	0.035	0.040	0.035	0.12
S+P	0.075	0.070	0.075	0.070	1.5
CE %	0.42	0.42	0.42	0.42	0.40

MECHANICAL COMPOSITION

Properties	Nilkanth 500	Nilkanth 500D	Nilkanth 550	Nilkanth 550D	Nilkanth CRS
Y Stress Min	525	525	575	575	600
Tensile Strength	560	600	645	645	650
Elongation	20	20	20	20	20
UTS/YS Ratio	1.12	1.12	1.10	1.10	1.10
Bend & Re-Bend		Satisfactory			

PROMINENT CLIENTS



NILKANTH STEEL

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Works/Factory

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