GK WIRE

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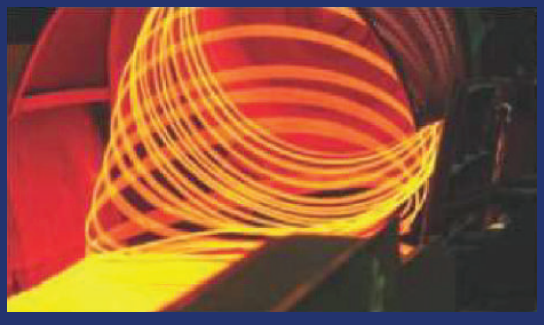
## Real Ispat And Power Limited

Integrated steel plants having facilities to produce high quality Sponge Iron, Billets, TMT Re-bars, Wire Rod, HB wire, Binding wire, GI wire & Barbed wire, coupled with our own power plant to meet captive requirements. We cater to the stringent quality application of industries like Agriculture, Manufacturing, Construction, Automotive, Power & Energy.



## AWARD & RECOGNITION

Ministry of Steel, Govt of India has awarded Real Ispat and Power Limited & API Ispat & Powertech Pvt Ltd with Gold & Silver Certificate in the composite category of manufacturing of TMT/Wire Rod through DRI/EAF /EIF-RM Route

Certificate of Appreciation from **UNDP**

## WIRE ROD

- High mill availability united with high productivity and wide product range.
- Quality surface finish and close dimensional tolerance.
- Superior micro structure and consistent mechanical properties.
- Superior Drawability
- Size Range — 5.0 mm, 5.5 mm, 6.0 mm, 7.0 mm, 8.0 mm, 10.0 mm, 12.0 mm, 14.0 mm and 16.0 mm
- Grades — Commercial, Low Carbon,
  GK 10-SAE 1008
  GK 06-SAE 1012
  GK 08-SAE 1006
  GK 08-CAQ grade
  GK 08-(High Mn)
  Electrode quality (EQ IS-2879)
- Dimensional Tolerance: — +/-0.20mm
- Testing Facilities — Testing Facilities
  Diameter checking, Tensile test
  Wrapping test (HB)
  Itching test (Billet)
  Yield strength, Tensile Strength (Wire Rod)
  Bend-Re bend test
  Weight
  Elongation (WRD)
  Spectro meter & UTM
  Resistivity
  Product Specifications
- Product Specifications — Inner Diameter: 800 mm
  Outer Diameter: 1200 mm
  Coil weight: 1200/1500 kg

Green Pro Certificate

National Accreditation Board for Testing and Calibration Laboratories

CERTIFICATE OF ACCREDITATION

RESEARCH AND QUALITY CONTROL LABORATORY,
REAL ISPAT AND POWER LIMITED

has been assessed and accredited in accordance with the standard

ISO/IEC 17025:2017

"General Requirements for the Competence of Testing & Calibration Laboratories"

for its facilities at

BORJHARA, URLA, BENDRI ROAD, RAIPUR, CHHATTISGARH, INDIA

in the field of

TESTING

Certificate Number: TC-15523

Issue Date: 19/02/2025 Valid Until: 18/02/2029

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL.
(To see the scope of accreditation of thislaboratory, you may also visit NABL website www.nabl-india.org)

Name of Legal Entity: REAL ISPAT AND POWER LIMITED

Signed for and on behalf of NABL

Anita Rani
Director

N. Venkateswaran
Chief Executive Officer

**In House NABL Approved Lab for Testing Facility**

## GK WIRE ROD SPECIFICATIONS

| PARTICULARS | Test | Commercial | Low Carbon | Real 10 (Eqv.1008) | Real 08 (Eqv.1006) | Real 08 (CAQ) | Electrode Quality (EQ) IS 2879 |
|---|---|---|---|---|---|---|---|
| CHEMICAL SPECIFICATION | Carbon | 0.11-0.13 | 0.10 Max | 0.10 Max | 0.08 Max | 0.10 Max | 0.10 Max |
| | Manganese | 0.30-0.60 | 0.30-0.60 | 0.40-0.60 | 0.60 Max | 0.40 Max | 0.38-0.62 |
| | Sulphur | 0.055 Max | 0.050 Max | 0.040 Max | 0.030 Max | 0.040 Max | 0.030 Max |
| | Phosphorous | 0.050 Max | 0.045 Max | 0.045 Max | 0.040 Max | 0.040 Max | 0.030 Max |
| | Silicon | 0.20 Max | 0.20 Max | 0.15 Max | Optona1 -0.15 Min Optona2 -0.15 Max | 0.08 Max | 0.03 Max |
| MECHANICAL PROPERTIES | Ultimate Tensile Strength (UTS) Nmm | 480 Max | 450 Max | 420 Max | 415 Max | 415 Max | 400 Max |
| | Elongation | 28% | 32% | 35% | 38% | 38% | 39% |
| | Ys (N/mm) | 365 | 345 | 320 | 300 | 300 | 290 |

### G.I. WIRE

We offer Galvanized wire in size range of 1.90 mm to 4.00 mm being produced using our own wire rods with uniform zinc coating for highly resistance to moisture & rust, thus giving consistent mechanical properties, bright and smooth surface finish.

## GI WIRE SPECIFICATIONS

| | |
|---|---|
| Galvanized Technique | Hot Dip |
| Sizes | 8-14 guage/1.90-4.00 mm |
| Coil weight | 100-800 kg |
| Zinc Coating | 40-120 GSM |
| Tensile Strengh | 300-550 Nmm2 |
| IS Certification | IS 280-2006 |
| Grades | Commercial, Low Carbon, GK 10 (Redraw Quality) |

BIS Certificate (IS 280:2006)

NABL Certificate

TSGENCO Vendor Approval Certificate

CSPDCL Vendor Approval Certificate

## H.B. WIRE

Produced through cold drawing of captive wire rod.
Wide range and consistent quality parameters.

| | |
|---|---|
| **Grade** | Commercial, Low Carbon,<br>GK 10, Grade 06, GK 08 EQ. |
| **Size Range** | 3/0 SWG to 14 SWG. |

## BINDING WIRE

Superior quality and 100% reliability
GradesCommercial/Low Carbon
Size Range 18-20 guage.
With/without wrapper in 5, 10 & 25 kgs Bundle.

## GK TMT REBARS

- The identity name & the walves travels across the nation.
- Integration helps us to use controlled chemistry billets, making it quiet easy primary producers in quality.
- Combined level of sulphur and phosphorous is restricted through desulphurisation and dephosphorization complying BIS specifications.

## Our Esteemed Clients

TATA STEEL · APAR · GR Infraprojects Ltd. · ador peace of mind · POLYCAB Connection Zindagi Ka
H.D. WIRES PVT. LTD. · BANSAL Trusted Strength Since 1938 · SYSTEMATIC · ADITYA BIRLA GRASIM · GTN Gabion Technologies Nepal Pvt. Ltd.

*Manufactured at:*

Real Ispat & Power Ltd.
Borjhara, Urla Bendri Road,
Raipur (C.G.)

API Ispat & Powertech P.Ltd
Siltara, Raipur (C.G.)

REAL GROUP

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