

## Who We Are

We are a part of Bansal Group having an experience of over 6 decades in the Iron & Steel Industry

Today, our group has presence in Recycling, Manufacturing and Supply of Steel.

We have business presence in the states of Maharashtra and Gujarat.

## What Do we Do

We are Stockist and Importer of Flat steel Products along with being a SAIL MOU dealer in Mumbai.

We believe in providing one stop solution to for your Flat product needs from our factory/warehouse in the steel hub Taloja, Panvel.

Our approach to business is oriented towards a seamless customer experience from enquiry to reorder.



## Our Strength

1. Variety of products
2. Tailor made supply quantity
3. Products in customized dimensions
4. Clear and Precise communication
5. Direct sourcing from manufacturers
6. After Sales support

## Hot Rolled Coils/ Sheets:

With rich experience of 25 years in trading, processing and supply of Hot Rolled Steel, our company has attained milestone.

This has been a main product our company.

It is used in varied applications such as for infrastructure, engineering, railways and automobile industry in varied forms.



We can provide HR Coils as well as sheets mainly from SAIL (Steel Authority of India Ltd), we are MOU Dealer for the Western Region of India. Apart from this we can provide material from JSW India, AM/NS India and other international mills.

We have ready stock available in IS 10748, IS 1079, IS 5986, IS 2062 E250 / E350 grade material. If required we can get a grade rolled from the mill as per customers requirement.

| Sr. No. | Item           | Mill          | Thickness Range | Width Range    | Length Range |
|---------|----------------|---------------|-----------------|----------------|--------------|
| 1       | HR Coils       | SAIL Bokaro   | 2.0 – 16 mm     | 1030 – 1830 mm | -            |
| 2       | HR Coils       | SAIL RSP HSM2 | 1.6 – 25 mm     | 910 – 2000 mm  | -            |
| 3       | HR Strip Coils | -             | 1.6 – 4 mm      | 50 – 800 mm    | As per order |
| 4       | HR Sheets      | -             | 1.6 – 20 mm     | 50 – 2000 mm   | As per order |

## Hot Rolled Plates

We can provide HR Plates (PM Plates) mainly from SAIL (Steel Authority of India Ltd), we are MOU Dealer for the Western Region of India. Apart from this we can provide material from POSCO Korea and other international mills.



We have ready stock available in IS 2062 E250 BR, E350 BR/C, S355J2N grade material. If required we can get material rolled from the mill as per customer grade or testing requirements

We have in house plate UT testing which ensures quality checking capability at every level.

| Sr. No. | Item     | Mill              | Thickness Range | Width Range    | Length Range    |
|---------|----------|-------------------|-----------------|----------------|-----------------|
| 1       | PM Plate | SAIL RSP NPM      | 8.0 – 100 mm    | 2000 – 3000 mm | As per order    |
| 2       | PM Plate | SAIL RSP OPM      | 12 – 63 mm      | 1500 – 2500 mm | As per order    |
| 3       | PM Plate | SAIL Bhilai (BSP) | 8 – 50 mm       | 2000 – 2800 mm | As per order    |
| 4       | PM Plate | POSCO Korea       | 10 – 100 mm     | 2000 – 2500 mm | 6000 / 12000 mm |

## Chequered Coils/ Plates

We have extensive stock of Chequered Coils and Plates available in standard sizes all major Indian Mills namely SAIL, JSW, AM/NS.

We have the capability to provide material in customized sizes as per our customers requirements which helps them save on unnecessary wastage material as well as man-power.

It is utilised by all major infrastructure projects, engineering and EPC companies, railways.

| Sr. No. | Item      | Mill       | Thickness Range | Width Range    | Length Range |
|---------|-----------|------------|-----------------|----------------|--------------|
| 1       | CHQ Coils | SAIL RSP   | 4 – 10 mm       | 1250 – 1500 mm | -            |
| 2       | CHQ Coils | JSW / AMNS | 2.6 – 10 mm     | 1250 – 1500 mm | -            |
| 2       | CHQ Plate | -          | 2.6 – 10 mm     | 100 – 1500 mm  | As per order |

### Chemical Composition: IS 2062/2011

| Grade Designation | Quality   | Ladle Analysis %, max |      |       |       |      | Carbon Equivalent (CE), max | Method of Deoxidation |
|-------------------|-----------|-----------------------|------|-------|-------|------|-----------------------------|-----------------------|
|                   |           | C                     | Mn   | S     | P     | Si   |                             |                       |
| E 250             | A         | 0.23                  | 1.50 | 0.045 | 0.045 | 0.40 | 0.42                        | Killed                |
|                   | BR, B0    | 0.22                  | 1.50 | 0.045 | 0.045 | 0.40 | 0.41                        | Killed                |
|                   | C         | 0.20                  | 1.50 | 0.040 | 0.040 | 0.40 | 0.39                        | Killed                |
| E 275             | A         | 0.23                  | 1.50 | 0.045 | 0.045 | 0.40 | 0.43                        | Killed                |
|                   | BR, B0    | 0.22                  | 1.50 | 0.045 | 0.045 | 0.40 | 0.42                        | Killed                |
|                   | C         | 0.20                  | 1.50 | 0.040 | 0.040 | 0.40 | 0.41                        | Killed                |
| E 300             | A, BR, B0 | 0.20                  | 1.50 | 0.045 | 0.045 | 0.45 | 0.44                        | Killed                |
|                   | C         | 0.20                  | 1.50 | 0.040 | 0.040 | 0.45 | 0.44                        | Killed                |
| E 350             | A, BR, B0 | 0.20                  | 1.55 | 0.045 | 0.045 | 0.45 | 0.47                        | Killed                |
|                   | C         | 0.20                  | 1.60 | 0.040 | 0.040 | 0.45 | 0.50                        | Killed                |
| E 450             | A, BR     | 0.22                  | 1.65 | 0.045 | 0.045 | 0.45 | 0.52                        | Killed                |

### Chemical Composition : IS 10748/2004

| Grade                            | C% max | Mn% max | P% max | S% max |
|----------------------------------|--------|---------|--------|--------|
| I                                | 0.10   | 0.50    | 0.040  | 0.040  |
| II                               | 0.12   | 0.60    | 0.040  | 0.040  |
| III                              | 0.16   | 1.20    | 0.040  | 0.040  |
| IV                               | 0.20   | 1.30    | 0.040  | 0.040  |
| V                                | 0.25   | 1.30    | 0.040  | 0.040  |
| CE: 0.45 max for grades IV and V |        |         |        |        |

### Mechanical Properties : IS 10748/2004

| Grade | Yield Strength (MPa) min | Ultimate Tensile Strength (MPa) min | Elongation% GL=5.65 √S <sub>0</sub> | Internal Diameter of bend |
|-------|--------------------------|-------------------------------------|-------------------------------------|---------------------------|
| 1     | 170                      | 290                                 | 30                                  | t                         |
| 2     | 210                      | 330                                 | 28                                  | 2t                        |
| 3     | 240                      | 410                                 | 25                                  | 2t                        |
| 4     | 275                      | 430                                 | 20                                  | 3t                        |
| 5     | 310                      | 490                                 | 15                                  | 3t                        |

## Mechanical Properties : 2062 / 2011

| Grade Designation | Quality | Tensile Strength (MPa) Min | Yield Stress (MPa) Min |       |     | %age Elongation A, at Gaug Length, L=5.65 √SoMin | Internal Bend Diameter Min |     | Charpy Impact Test |        |
|-------------------|---------|----------------------------|------------------------|-------|-----|--------------------------------------------------|----------------------------|-----|--------------------|--------|
|                   |         |                            | <20                    | 20-40 | >40 |                                                  | 25                         | >25 | Temp °C            | J, Min |
| E-250             | A       | 410                        | 250                    | 240   | 230 | 23                                               | 2t                         | 3t  | -                  | -      |
|                   | BR      |                            |                        |       |     |                                                  |                            |     | RT                 | 27     |
|                   | B0      |                            |                        |       |     |                                                  |                            |     | 0                  | 27     |
|                   | C       |                            |                        |       |     |                                                  |                            |     | (-) 20             | 27     |
| E-275             | A       | 430                        | 275                    | 265   | 255 | 22                                               | 2t                         | 3t  | -                  | -      |
|                   | BR      |                            |                        |       |     |                                                  |                            |     | RT                 | 27     |
|                   | B0      |                            |                        |       |     |                                                  |                            |     | 0                  | 27     |
|                   | C       |                            |                        |       |     |                                                  |                            |     | (-) 20             | 27     |
| E-300             | A       | 440                        | 300                    | 290   | 280 | 22                                               | 2t                         | -   | -                  | -      |
|                   | BR      |                            |                        |       |     |                                                  |                            |     | RT                 | 27     |
|                   | B0      |                            |                        |       |     |                                                  |                            |     | 0                  | 27     |
|                   | C       |                            |                        |       |     |                                                  |                            |     | (-) 20             | 27     |
| E-350             | A       | 490                        | 350                    | 330   | 320 | 22                                               | 2t                         | -   | -                  | -      |
|                   | BR      |                            |                        |       |     |                                                  |                            |     | RT                 | 27     |
|                   | B0      |                            |                        |       |     |                                                  |                            |     | 0                  | 27     |
|                   | C       |                            |                        |       |     |                                                  |                            |     | (-) 20             | 27     |
| E-410             | A       | 540                        | 410                    | 390   | 380 | 20                                               | 2t                         | -   | -                  | -      |
|                   | BR      |                            |                        |       |     |                                                  |                            |     | RT                 | 25     |
|                   | B0      |                            |                        |       |     |                                                  |                            |     | 0                  | 25     |
|                   | C       |                            |                        |       |     |                                                  |                            |     | (-) 20             | 25     |
| E-450             | A       | 570                        | 450                    | 430   | 420 | 20                                               | 2.5t                       | -   | -                  | -      |
|                   | BR      |                            |                        |       |     |                                                  |                            |     | RT                 | 20     |



## Mechanical Properties of PM Plates as per IS: 2041

(Steel Plates for pressure vessels used at moderate and low temperature)

| Grade | Yield Stress (MPa) Min |              |              |               | Tensile Strength (MPa) | Elongation percent on Gauge Length $5.65 \sqrt{S_0}$ Min. | Impact Energy (J) (min) at a temperature in deg. C |    |     |     |
|-------|------------------------|--------------|--------------|---------------|------------------------|-----------------------------------------------------------|----------------------------------------------------|----|-----|-----|
|       | ≤16                    | >16 to 40 mm | >40 to 60 mm | >60 to 100 mm |                        |                                                           | 20                                                 | 0  | -20 | -40 |
| R 220 | 220                    | 220          | 220          | 220           | 415-540                | 21                                                        | 50                                                 | 40 | 27  | 20  |
| R 260 | 260                    | 260          | 260          | 260           | 490-620                | 21                                                        | 50                                                 | 40 | 27  | 20  |
| R 275 | 275                    | 265          | 255          | 235           | 390-510                | 23                                                        | 80                                                 | 70 | 50  | 40  |
| R 355 | 355                    | 345          | 335          | 315           | 490-640                | 21                                                        | 80                                                 | 70 | 50  | 40  |

**NOTES :** Impact test shall be at any one temperature as mutually agreed.

Impact test is optional for Grades R220 and R 260.

| IS: 2002      | YS (MPa) Min |          |          | UTS (MPa) | Elongation (%) Min | Int. Dia. of Bend |
|---------------|--------------|----------|----------|-----------|--------------------|-------------------|
|               | <16 mm       | 16-40 mm | 40-60 mm |           |                    |                   |
| IS 2002 Gr. 1 | 235          | 225      | 215      | 360-480   | 24                 | 2t                |
| IS 2002 Gr. 2 | 265          | 255      | 245      | 410-530   | 22                 | 2t                |
| IS 2002 Gr. 3 | 290          | 285      | 280      | 460-580   | 21                 | 3t                |

| Specification / Grade | Yield Strength, (MPa) Min | UTS (MPa) | Elongation (%) Min |          |
|-----------------------|---------------------------|-----------|--------------------|----------|
|                       |                           |           | 200 mm GL          | 50 mm GL |
| ASTM-A-285 C          | 205                       | 385-515   | 23                 | 27       |
| ASTM-A-515 Gr. 60     | 220                       | 415-550   | 21                 | 25       |
| ASTM-A-515 Gr. 65     | 240                       | 450-585   | 19                 | 23       |
| ASTM-A-515 Gr. 70     | 260                       | 485-620   | 17                 | 21       |
| ASTM-A516 Gr. 55      | 205                       | 380-515   | 23                 | 27       |
| ASTM-A516 Gr. 60      | 220                       | 415-550   | 21                 | 25       |
| ASTM-A516 Gr. 65      | 240                       | 450-585   | 19                 | 23       |
| ASTM-A516 Gr. 70      | 260                       | 485-620   | 17                 | 21       |
| ASTM-A-537 Class I    | 345                       | 485-620   | 18                 | 22       |



# Our Companies



- **Bansal Cutter**

Bansal Cutter is one of the most reputed Steel Service Centre in Western India. A trusted name across traders and steel manufacturers

- **Bansal Iron Processors Pvt Ltd**

Bansal Iron Processors Pvt Ltd is a Steel Service Centre that is state-of-the-art and equipped with cutting-edge technologies, located in MIDC Talaja's industrial hub.

- **Shree Ganesh MetCo LLP**

Located in the Engineering Zone of MIDC Talaja, Shree Ganesh MetCo LLP is involved in the manufacturing of parts and components for OEM's.



Scan to know more

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