

**Instruction No. 16/2025-Customs**

F. No.401/24/2025-Cus.III  
Government of India  
Ministry of Finance,  
Department of Revenue  
(Central Board of Indirect Taxes & Customs)  
\*\*\*\*\*

Room No. 229A, North Block, New Delhi  
Dated 18th June, 2025

To

All Principal Chief Commissioners / Chief Commissioners of Customs/  
Customs (Preventive) / Customs & Central Taxes.  
All Principal Commissioners / Commissioners of Customs / Customs  
(Preventive).  
All Pr. Director General/Director Generals under CBIC.

**Subject: Ensuring adherence of Indian Standard of respective Input material of Steel and Steel Products intended for import which are notified in QCO and requires mandatory registration on SIMS portal - reg.**

Madam/Sir,

Reference is invited to the Order dated 13.06.2025 issued by the Deputy Secretary, Ministry of Steel vide F.no. S-20011/15/2024-TECH on the above subject (copy attached).

2. Vide the above order dated 13.06.2025, it has been stated that presently 151 Indian Standards, covering steel and steel products of chapter 72 and 73 of ITC(HS) codes, are incorporated in the Steel and Steel Products (Quality Control) Order, 2024 (QCO) notified vide S.O 3716(E) dated 29.08.2024. In connection to compliance with QCO, adherence of Indian Standard of respective input material, which are also part of the QCO, shall be ensured. In respect of steel and steel products defined under aforesaid Indian Standards, respective Indian Standard(s) of input material is mapped (copy attached). This will be effective for the imports having Bill of Lading dated on or after 16th June 2025.

3. It is requested that necessary action may be taken to sensitize officers under your jurisdiction regarding the said matter.

4. The difficulties, if any, may be brought to the notice of the Board.

Hindi version follows.

Encls: as above.

Yours faithfully,

(Neeraj Goyal)  
OSD (Cus-III)  
Email: uscus.3-dor@gov.in

Copy to: - (for information and necessary action)

1. The Webmaster, CBIC.

**F.no.S-20011/15/2024-TECH  
Ministry of Steel  
Government of India  
Technical Division**

**Udyog Bhawan, New Delhi  
Dated: 13 June , 2025**

**ORDER**

**Subject: Ensuring adherence of Indian Standard of respective input material of Steel and Steel Products Intended for Import which are notified in QCO and requires mandatory registration on SIMS portal - reg**

Presently 151 Indian Standards, covering steel and steel products of chapter 72 and 73 of ITC(HS) codes, are incorporated in the Steel and Steel Products (Quality Control) Order, 2024 (QCO) notified vide S.O 3716(E) dated 29.08.2024. In connection to compliance with QCO, adherence of Indian Standard of respective input material, which are also part of the QCO, shall be ensured.

**2.0** In respect of steel and steel products defined under aforesaid Indian Standards, respective Indian Standard(s) of input material is mapped (enclosed).

**3.0** This will be effective for the imports having Bill of Lading dated on or after 16<sup>th</sup> June 2025.

**4.0** This issues with the approval of competent authority.



**(G. Sarathy Raja)  
Deputy Secretary to the Government of India  
Tel: 23061064  
Email: g.sarathyraja@gov.in**

**Copy to,**

1. The Chairman, CBIC, D/o Revenue, M/o Finance.
2. The Director General, Bureau of Indian Standard.

| S.No. | A: Product             |                                                                                                                                                                       | Number of Possible standards for input steel/base material | B: Input for product mentioned at A |                                                                                                                                                                                 |
|-------|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|-------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|       | IS Number              | IS Title                                                                                                                                                              |                                                            | IS Number                           | IS Title                                                                                                                                                                        |
| 1     | IS 1785 (Part-1): 1983 | Specification for plain Hard- drawn Steel Wire for Pre-stressed Concrete; Part 1 Cold - Drawn Stress relieved Wire.                                                   | 1                                                          | IS 7904: 2018                       | High Carbon Steel Wire Rods – Specification.                                                                                                                                    |
| 2     | IS 1785 (Part-2): 1983 | Plain Hard-drawn Steel Wire for Pre-stressed Concrete; Part 2 as Drawn Wire.                                                                                          | 1                                                          | IS 7904: 2018                       | High Carbon Steel Wire Rods – Specification.                                                                                                                                    |
| 3     | IS 6003: 2010          | Indented Wire for Pre-stressed Concrete – Specification.                                                                                                              | 1                                                          | IS 7904: 2018                       | High Carbon Steel Wire Rods – Specification.                                                                                                                                    |
| 4     | IS 6006: 2014          | Uncoated Stress Relieved Strand for Pre-stressed Concrete – Specification.                                                                                            | 1                                                          | IS 7904: 2018                       | High Carbon Steel Wire Rods – Specification.                                                                                                                                    |
| 5     | IS 13620: 1993         | Fusion Bonded Epoxy Coated Reinforcing Bars – Specification.                                                                                                          | 1                                                          | IS 1786: 2008                       | High strength deformed steel bars and wires for concrete reinforcement- Specification except for High strength deformed steel bars and wires of sizes less than 8 mm.           |
| 6     | IS 14268: 2022         | Uncoated Stress Relieved Low Relaxation Seven- wire (Ply) Strand for Pre-stressed Concrete – Specification.                                                           | 1                                                          | IS 7904: 2018                       | High Carbon Steel Wire Rods – Specification.                                                                                                                                    |
| 7     | IS 277: 2018           | Galvanized Steel Sheets (Plain and Corrugated) – Specification.                                                                                                       | 5                                                          | IS 513 (Part 1): 2016               | Cold reduced carbon steel sheets and strip: Part 1 Cold Forming and Drawing Purpose.                                                                                            |
|       |                        |                                                                                                                                                                       |                                                            | IS 513 (Part 2): 2016               | Cold reduced low carbon steel sheets and strip: Part 2 High Tensile and Multi- phase Steel.                                                                                     |
|       |                        |                                                                                                                                                                       |                                                            | IS 1079: 2017                       | Hot Rolled Carbon Steel Sheet, Plate and Strip.                                                                                                                                 |
|       |                        |                                                                                                                                                                       |                                                            | IS 2062 :2011                       | Hot rolled medium and high tensile structural steel except for bars and rods of diameter or thickness less than 6 mm and structurals below (50 mm x 50 mm x 6 mm).              |
|       |                        |                                                                                                                                                                       |                                                            | IS 5986 :2017                       | Hot Rolled Steel Sheet, Plate and Strip for Forming and Flanging purposes.                                                                                                      |
| 8     | IS 2002 : 2024         | Steel plates for pressure vessels for intermediate and high temperature service including boilers.                                                                    | 1                                                          | IS 14650: 2023                      | Carbon Steel Cast Billet Ingots Billets Blooms and Slabs for Re- rolling purposes- Specification.                                                                               |
| 9     | IS 2041 : 2024         | Steel Plates for Pressure Vessels Used at Moderate and Low Temperature – Specification.                                                                               | 1                                                          | IS 14650: 2023                      | Carbon Steel Cast Billet Ingots Billets Blooms and Slabs for Re- rolling purposes- Specification.                                                                               |
| 10    | IS 1786: 2008          | High strength deformed steel bars and wires for concrete reinforcement- Specification except for High strength deformed steel bars and wires of sizes less than 8 mm. | 1                                                          | IS 14650: 2023                      | Carbon Steel Cast Billet Ingots Billets Blooms and Slabs for Re- rolling purposes- Specification.                                                                               |
| 11    | IS 648: 2022           | Cold rolled non-oriented electrical steel sheet and strip - Fully processed type- Specification.                                                                      | 1                                                          | IS 18316 : 2023                     | Hot Rolled and Cold Rolled Steel Strips Intended For Processing Of Semi/Fully Processed Non- Grain Oriented Electrical Steel Or Fully Processed Grain Oriented Electrical Steel |
| 12    | IS 3024: 2015          | Grain Oriented Electrical Steel Sheet and Strip.                                                                                                                      | NA                                                         | Not applicable                      | Not applicable                                                                                                                                                                  |
| 13    | IS 15391: 2003         | Cold Rolled Non-Oriented Electrical Steel Sheet and Strip – Semi-Processed Type- Specification.                                                                       | 1                                                          | IS 18316 : 2023                     | Hot Rolled and Cold Rolled Steel Strips Intended For Processing Of Semi/Fully Processed NonGrain Oriented Electrical Steel Or Fully Processed Grain Oriented Electrical Steel   |
| 14    | IS 1875: 1992          | Carbon steel billets, blooms, slabs and bars for forgings.                                                                                                            | NA                                                         | Not applicable                      | Not applicable                                                                                                                                                                  |
| 15    | IS 3502: 2009          | Steel Chequered Plates.                                                                                                                                               | 1                                                          | IS 14650: 2023                      | Carbon Steel Cast Billet Ingots Billets Blooms and Slabs for Re- rolling purposes- Specification.                                                                               |

|       | A: Product            |                                                                                                                                                                    | Number of Possible standards for input steel/base material | B: Input for product mentioned at A                                                 |                                                                                                                                               |
|-------|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| S.No. | IS Number             | IS Title                                                                                                                                                           |                                                            | IS Number                                                                           | IS Title                                                                                                                                      |
| 16    | IS 2062: 2011         | Hot rolled medium and high tensile structural steel except for bars and rods of diameter or thickness less than 6 mm and structurals below (50 mm x 50 mm x 6 mm). | 1                                                          | IS 14650: 2023                                                                      | Carbon Steel Cast Billet Ingots Billets Blooms and Slabs for Re- rolling purposes- Specification.                                             |
| 17    | IS 432 (Part 1): 1982 | Specification for Mild Steel and Medium Tensile Steel Bars and Hard–Drawn Steel Wire for Concrete Reinforcement: Part 1 Mild steel and medium tensile steel bars.  | 1                                                          | IS 14650: 2023                                                                      | Carbon Steel Cast Billet Ingots Billets Blooms and Slabs for Re- rolling purposes- Specification.                                             |
| 18    | IS 432 (Part 2): 1982 | Specification for Mild steel and Medium Tensile steel bars and Hard–Drawn Steel Wire for Concrete Reinforcement: Part 2 Hard-Drawn Steel Wire.                     | 1                                                          | IS 7887: 1992                                                                       | Mild steel wire rods for general engineering purposes.                                                                                        |
| 19    | IS 513 (Part 1): 2016 | Cold reduced carbon steel sheets and strip: Part 1 Cold Forming and Drawing Purpose.                                                                               | 1                                                          | IS 11513: 2017                                                                      | Hot Rolled Carbon Steel Strip for Cold Rolling Purposes.                                                                                      |
| 20    | IS 513 (Part 2): 2016 | Cold reduced low carbon steel sheets and strip: Part 2 High Tensile and Multi- phase Steel.                                                                        | 1                                                          | IS 11513: 2017                                                                      | Hot Rolled Carbon Steel Strip for Cold Rolling Purposes.                                                                                      |
| 21    | IS 1079: 2017         | Hot Rolled Carbon Steel Sheet, Plate and Strip.                                                                                                                    | 1                                                          | IS 14650: 2023                                                                      | Carbon Steel Cast Billet Ingots Billets Blooms and Slabs for Re- rolling purposes- Specification.                                             |
| 22    | IS 2879: 1998         | Mild steel for metal arc welding electrodes.                                                                                                                       | 1                                                          | IS 2879: 1998 (for wire rod and bar)                                                | Mild steel for metal arc welding electrodes.                                                                                                  |
| 23    | IS 5872: 2025         | Steel strapping for packaging                                                                                                                                      | 3                                                          | For grade 2 & 3 in hot rolled condition -<br>a)IS 1079: 2017 &<br>b) IS 11513: 2017 | a)Hot rolled carbon steel sheet, plate and strip - Specification<br>b)Hot rolled carbon steel strip for cold rolling purposes - Specification |
|       |                       |                                                                                                                                                                    |                                                            | For grade 2 & 3 in cold rolled condition -<br>a) IS 513 (part 1 ): 2016             | a)Cold reduced carbon steel sheet and strip: Part 1 Cold forming and drawing purpose                                                          |
|       |                       |                                                                                                                                                                    |                                                            | For grade 1 & 4 in hot rolled and cold rolled condition - Not applicable            |                                                                                                                                               |
| 24    | IS 5986: 2017         | Hot Rolled Steel Sheet, Plate and Strip for Forming and Flanging purposes.                                                                                         | 1                                                          | IS 14650: 2023                                                                      | Carbon Steel Cast Billet Ingots Billets Blooms and Slabs for Re- rolling purposes- Specification.                                             |
| 25    | IS 6240: 2008         | Hot Rolled Steel Plate (up to 6 mm) Sheet and Strip for the Manufacture of Low-Pressure Liquefiable Gas Cylinders.                                                 | 1                                                          | IS 14650: 2023                                                                      | Carbon Steel Cast Billet Ingots Billets Blooms and Slabs for Re- rolling purposes- Specification.                                             |
| 26    | IS 7283: 1992         | Hot Rolled bars for production of bright bars and machined parts for engineering applications.                                                                     | 1                                                          | IS 14650: 2023                                                                      | Carbon Steel Cast Billet Ingots Billets Blooms and Slabs for Re- rolling purposes- Specification.                                             |
| 27    | IS 7887: 1992         | Mild steel wire rods for general engineering purposes.                                                                                                             | 1                                                          | IS 14650: 2023                                                                      | Carbon Steel Cast Billet Ingots Billets Blooms and Slabs for Re- rolling purposes- Specification.                                             |
| 28    | IS 10748: 2004        | Hot Rolled Steel Strip for Welded Tubes and Pipes.                                                                                                                 | 1                                                          | IS 14650: 2023                                                                      | Carbon Steel Cast Billet Ingots Billets Blooms and Slabs for Re- rolling purposes- Specification.                                             |
| 29    | IS 11513: 2017        | Hot Rolled Carbon Steel Strip for Cold Rolling Purposes.                                                                                                           | 1                                                          | IS 14650: 2023                                                                      | Carbon Steel Cast Billet Ingots Billets Blooms and Slabs for Re- rolling purposes- Specification.                                             |

| S.No. | A: Product              |                                                                                                                         | Number of Possible standards for input steel/base material | B: Input for product mentioned at A |                                                                                                   |
|-------|-------------------------|-------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|-------------------------------------|---------------------------------------------------------------------------------------------------|
|       | IS Number               | IS Title                                                                                                                |                                                            | IS Number                           | IS Title                                                                                          |
| 30    | IS 15647: 2006          | Hot rolled steel narrow width strip for welded tubes and pipes.                                                         | 1                                                          | IS 14650: 2023                      | Carbon Steel Cast Billet Ingots Billets Blooms and Slabs for Re- rolling purposes- Specification. |
| 31    | IS 7904: 2018           | High Carbon Steel Wire Rods – Specification.                                                                            | 1                                                          | IS 14650: 2023                      | Carbon Steel Cast Billet Ingots Billets Blooms and Slabs for Re- rolling purposes- Specification. |
| 32    | IS 14246 : 2024         | Continuously pre-painted galvanized steel sheets and coils.                                                             | 1                                                          | IS 277: 2018                        | Galvanized Steel Sheets (Plain and Corrugated) – Specification.                                   |
| 33    | IS 15965: 2012          | Pre-painted aluminium zinc alloy metallic coated steel strip and sheet (plain).                                         | 1                                                          | IS 15961: 2012                      | Hot Dip aluminium – Zinc alloy metallic coated steel strip and sheet (plain).                     |
| 34    | IS 280: 2006            | Mild steel wire for General Engineering purposes.                                                                       | 1                                                          | IS 7887: 1992                       | Mild steel wire rods for general engineering purposes.                                            |
| 35    | IS 1835: 1976           | Round steel wire for ropes.                                                                                             | 1                                                          | IS 7904: 2018                       | High Carbon Steel Wire Rods – Specification.                                                      |
| 36    | IS 3975: 1999           | Low carbon Galvanized steel wires, formed wires and Tapes for armouring of cables.                                      | 1                                                          | IS 7887: 1992                       | Mild steel wire rods for general engineering purposes.                                            |
| 37    | IS 4368: 1967           | Alloy Steel billets, blooms and slabs for forging for general engineering purposes.                                     | NA                                                         | Not applicable                      | Not applicable                                                                                    |
| 38    | IS 4454 (Part 1): 2001  | Steel wires for mechanical springs, Part 1 cold drawn unalloyed steel wire.                                             | 1                                                          | IS 7904: 2018                       | High Carbon Steel Wire Rods – Specification.                                                      |
| 39    | IS 4454 (Part 2): 2001  | Steel wire for mechanical springs Part 2: oil hardened and tempered steel wire.                                         | 2                                                          | IS 7904: 2018                       | High Carbon Steel Wire Rods – Specification.                                                      |
|       |                         |                                                                                                                         |                                                            | IS 5517: 1993                       | Steel for hardening and tempering –Specification.                                                 |
| 40    | IS 4824: 2022           | Bead Wires for Tyres.                                                                                                   | 1                                                          | IS 7904: 2018                       | High Carbon Steel Wire Rods – Specification.                                                      |
| 41    | IS 11169 (Part 1): 2022 | Steels for Cold Heading/ Cold extrusion application<br>Part-1 Wrought carbon and low alloy steels.                      | 1                                                          | IS 14650: 2023                      | Carbon Steel Cast Billet Ingots Billets Blooms and Slabs for Re- rolling purposes- Specification. |
| 42    | IS 11587: 1986          | Structural Weather resistant steel.                                                                                     | 1                                                          | IS 14650: 2023                      | Carbon Steel Cast Billet Ingots Billets Blooms and Slabs for Re- rolling purposes- Specification. |
| 43    | IS 15103: 2002          | Fire resistant steel – Specification.                                                                                   | 1                                                          | IS 14650: 2023                      | Carbon Steel Cast Billet Ingots Billets Blooms and Slabs for Re- rolling purposes- Specification. |
| 44    | IS 15914: 2011          | High Tensile Strength Flat Rolled Steel Plate (Up To 6 mm), Sheet and Strip for the Manufacture of Welded Gas Cylinder. | 1                                                          | IS 14650: 2023                      | Carbon Steel Cast Billet Ingots Billets Blooms and Slabs for Re- rolling purposes- Specification. |
| 45    | IS 15961: 2012          | Hot Dip aluminium – Zinc alloy metallic coated steel strip and sheet (plain).                                           | 2                                                          | IS 513 (Part 1): 2016               | Cold reduced carbon steel sheets and strip: Part 1 Cold Forming and Drawing Purpose               |
|       |                         |                                                                                                                         |                                                            | IS 513 (Part 2): 2016               | Cold reduced low carbon steel sheets and strip: Part 2 High Tensile and Multiphase Steel.         |
| 46    | IS 15962: 2012          | Structural Steel for Building for Structures with improved seismic Resistance.                                          | 1                                                          | IS 14650: 2023                      | Carbon Steel Cast Billet Ingots Billets Blooms and Slabs for Re- rolling purposes- Specification. |
| 47    | IS 6528 :1995           | Stainless Steel Wires.                                                                                                  | 1                                                          | IS 6603 : 2024                      | Stainless Steel Bars and Flats.                                                                   |
| 48    | IS 6603 : 2024          | Stainless Steel Bars and Flats.                                                                                         | 2                                                          | IS 14650: 2023                      | Carbon Steel Cast Billet Ingots Billets Blooms and Slabs for Re- rolling purposes- Specification. |
|       |                         |                                                                                                                         |                                                            | IS 6529: 1996                       | Stainless Steel Blooms Billets and Slabs for Forging.                                             |
| 49    | IS 5522: 2014           | Stainless steel sheets and strips for utensils – Specification.                                                         | 3                                                          | IS 14650: 2023 (for hot Rolled)     | Carbon Steel Cast Billet Ingots Billets Blooms and Slabs for Re- rolling purposes- Specification. |
|       |                         |                                                                                                                         |                                                            | IS 5522: 2014 (for cold Rolled)     | Stainless steel sheets and strips for utensils – Specification.                                   |
|       |                         |                                                                                                                         |                                                            | IS 6911 : 2017(for cold Rolled)     | Stainless steel plate, sheet and strip – Specification.                                           |

| S.No. | A: Product     |                                                                                                                              | Number of Possible standards for input steel/base material | B: Input for product mentioned at A                     |                                                                                                                                                |
|-------|----------------|------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|---------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
|       | IS Number      | IS Title                                                                                                                     |                                                            | IS Number                                               | IS Title                                                                                                                                       |
| 50    | IS 6911: 2017  | Stainless steel plate, sheet and strip – Specification.                                                                      | 2                                                          | IS 14650: 2023 (for hot Rolled)                         | Carbon Steel Cast Billet Ingots Billets Blooms and Slabs for Re- rolling purposes- Specification.                                              |
|       |                |                                                                                                                              |                                                            | IS 6911 : 2017 (for cold rolled)                        | Stainless steel plate, sheet and strip – Specification.                                                                                        |
| 51    | IS 15997: 2012 | Low Nickel Austenitic Stainless- Steel Sheet and Strip for Utensils and Kitchen Appliances – Specification.                  | 3                                                          | IS 14650: 2023 (for hot Rolled)                         | Carbon Steel Cast Billet Ingots Billets Blooms and Slabs for Re- rolling purposes- Specification.                                              |
|       |                |                                                                                                                              |                                                            | IS 6911 : 2017 (for cold rolled)                        | Stainless steel plate, sheet and strip – Specification.                                                                                        |
|       |                |                                                                                                                              |                                                            | IS 15997: 2012 (for cold rolled)                        | Low Nickel Austenitic StainlessSteel Sheet and Strip for Utensils and Kitchen Appliances – Specification.                                      |
| 52    | IS 1110 : 2023 | Ferrosilicon – Specification.                                                                                                | NA                                                         | Not applicable                                          | Not applicable                                                                                                                                 |
| 53    | IS 4409: 2023  | Specification for Ferronickel.                                                                                               | NA                                                         | Not applicable                                          | Not applicable                                                                                                                                 |
| 54    | IS 1029: 1970  | Specification for Hot rolled steel strip (bailing).                                                                          | 1                                                          | IS 14650: 2023                                          | Carbon Steel Cast Billet Ingots Billets Blooms and Slabs for Re- rolling purposes- Specification.                                              |
| 55    | IS 2385: 1977  | Specification for Hot-rolled mild steel sheet and strip in coil form for cold-reduced tinplate and cold-reduced black plate. | 1                                                          | IS 14650: 2023                                          | Carbon Steel Cast Billet Ingots Billets Blooms and Slabs for Re- rolling purposes- Specification.                                              |
| 56    | IS 3039 : 2024 | Structural Steel for Ship Construction-Specification                                                                         | 1                                                          | IS 14650: 2023                                          | Carbon Steel Cast Billet Ingots Billets Blooms and Slabs for Re- rolling purposes- Specification.                                              |
| 57    | IS 9550 : 2024 | Bright Steel Bars - Specification                                                                                            | 11                                                         | IS 7283                                                 | Hot Rolled bars for production of bright bars and machined parts for engineering applications.                                                 |
|       |                |                                                                                                                              |                                                            | IS 5517: 1993                                           | Steel for hardening and tempering –Specification.                                                                                              |
|       |                |                                                                                                                              |                                                            | IS 4431: 1978                                           | Specification for Carbon and Carbon-Manganese Free-Cutting Steels.                                                                             |
|       |                |                                                                                                                              |                                                            | IS 3930                                                 | Flame and Induction Hardening Steels – Specification.                                                                                          |
|       |                |                                                                                                                              |                                                            | IS 3431                                                 | Specification for Steel for the manufacture of volute, helical and laminated springs for automotive suspension.                                |
|       |                |                                                                                                                              |                                                            | IS 3195                                                 | Steel For the Manufacture of Volute and Helical Springs (for Railway Rolling Stock) – Specification.                                           |
|       |                |                                                                                                                              |                                                            | IS 4432                                                 | Specification for Case Hardening Steels.                                                                                                       |
|       |                |                                                                                                                              |                                                            | IS 11947                                                | Soft Magnetic Iron Rods, Bars, Flats and Sections.                                                                                             |
|       |                |                                                                                                                              |                                                            | IS 3298                                                 | Specification for Mild Steel Rivet Bars for Ship Building.                                                                                     |
|       |                |                                                                                                                              |                                                            | IS 14698                                                | Carbon and Low Alloy Billets, Blooms, Slabs and Bars for Manufacture of Shell Bodies and Proof Shots Used in Defence Services - Specification. |
|       |                |                                                                                                                              |                                                            | IS 7494                                                 | Specification for Steel for valves for Internal Combustion Engines                                                                             |
| 58    | IS 3748: 2022  | Tool Steels – Specification.                                                                                                 | 3                                                          | IS 14650: 2023                                          | Carbon Steel Cast Billet Ingots Billets Blooms and Slabs for Re- rolling purposes- Specification.                                              |
|       |                |                                                                                                                              |                                                            | IS 1875: 1992                                           | Carbon steel billets, blooms, slabs and bars for forgings.                                                                                     |
|       |                |                                                                                                                              |                                                            | NIL FOR POWDER METALLURGY                               |                                                                                                                                                |
|       |                |                                                                                                                              |                                                            | IS 3748 :2022 (for cold drawn and cold rolled products) | Tool Steels – Specification.                                                                                                                   |
| 59    | IS 5517: 1993  | Steel for hardening and tempering –Specification.                                                                            | 2                                                          | IS 14650: 2023                                          | Carbon Steel Cast Billet Ingots Billets Blooms and Slabs for Re- rolling purposes- Specification.                                              |
|       |                |                                                                                                                              |                                                            | IS 1875: 1992                                           | Carbon steel billets, blooms, slabs and bars for forgings.                                                                                     |
| 60    | IS 7494 : 2023 | Specification for Steel for valves for Internal Combustion Engines                                                           | 1                                                          | IS 14650: 2023                                          | Carbon Steel Cast Billet Ingots Billets Blooms and Slabs for Re- rolling purposes- Specification.                                              |

| S.No. | A: Product           |                                                                                                                               | Number of Possible standards for input steel/base material | B: Input for product mentioned at A        |                                                                                                                                                                    |
|-------|----------------------|-------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|--------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|       | IS Number            | IS Title                                                                                                                      |                                                            | IS Number                                  | IS Title                                                                                                                                                           |
| 61    | IS 12146: 1987       | Specification for Carbon manganese steel forgings for pressure vessels.                                                       | 1                                                          | IS 1875: 1992                              | Carbon steel billets, blooms, slabs and bars for forgings.                                                                                                         |
| 62    | IS 16585:2023        | Magnetic Materials — Specifications for Individual Materials — Fe-Based Amorphous Strip Delivered in the Semi-Processed State | NA                                                         | Not applicable                             | Not applicable                                                                                                                                                     |
| 63    | IS 1148: 2009        | Steel Rivet Bars (medium And High Tensile) – For Structural Purposes.                                                         | 2                                                          | IS 14650: 2023                             | Carbon Steel Cast Billet Ingots Billets Blooms and Slabs for Re- rolling purposes- Specification.                                                                  |
|       |                      |                                                                                                                               |                                                            | IS 2062: 2011                              | Hot rolled medium and high tensile structural steel except for bars and rods of diameter or thickness less than 6 mm and structurals below (50 mm x 50 mm x 6 mm). |
| 64    | IS 1673: 1984        | Specification for Mild Steel Wire, Cold Heading Quality.                                                                      | 2                                                          | IS 7887: 1992                              | 1. Mild steel wire rods for general engineering purposes.                                                                                                          |
|       |                      |                                                                                                                               |                                                            | IS 11169(part-1): 2022                     | Steels for Cold Heading/ Cold extrusion application<br>Part-1 Wrought carbon and low alloy steels                                                                  |
| 65    | IS 1812: 1982        | Specification for Carbon Steel Wire for the Manufacture of Wood Screws.                                                       | 1                                                          | IS 7887: 1992                              | Mild steel wire rods for general engineering purposes.                                                                                                             |
| 66    | IS 2507: 1975        | Specification for Cold – rolled Steel Strips for Springs.                                                                     | NA                                                         | Not applicable                             | Not applicable                                                                                                                                                     |
| 67    | IS 2255: 1977        | Specification for Mild Steel Wire Rod for the Manufacture of Machine Screws (By Cold Heading Process).                        | 2                                                          | IS 7887: 1992                              | 1. Mild steel wire rods for general engineering purposes.                                                                                                          |
|       |                      |                                                                                                                               |                                                            | IS 11169(part-1): 2022                     | Steels for Cold Heading/ Cold extrusion application<br>Part-1 Wrought carbon and low alloy steels                                                                  |
| 68    | IS 3195: 1992        | Steel For the Manufacture of Volute and Helical Springs (for Railway Rolling Stock) – Specification.                          | 1                                                          | IS 14650: 2023                             | Carbon Steel Cast Billet Ingots Billets Blooms and Slabs for Re- rolling purposes- Specification.                                                                  |
| 69    | IS 3431: 1982        | Specification for Steel for the manufacture of volute, helical and laminated springs for automotive suspension.               | 1                                                          | IS 14650: 2023                             | Carbon Steel Cast Billet Ingots Billets Blooms and Slabs for Re- rolling purposes- Specification.                                                                  |
| 70    | IS 3885 Part-1: 1992 | Steel for the manufacture of laminated springs (railway rolling stock) Part 1: Flat Sections – Specification.                 | 1                                                          | IS 14650: 2023                             | Carbon Steel Cast Billet Ingots Billets Blooms and Slabs for Re- rolling purposes- Specification.                                                                  |
| 71    | IS 3885 Part-2: 1992 | Steel for the manufacture of laminated springs (railway rolling stock) Part 2: Rib and Groove Sections- Specification.        | 1                                                          | IS 14650: 2023                             | Carbon Steel Cast Billet Ingots Billets Blooms and Slabs for Re- rolling purposes- Specification.                                                                  |
| 72    | IS 4223: 1975        | Specification for Steel Wire for Umbrella Ribs.                                                                               | 1                                                          | IS 7904: 2018                              | High Carbon Steel Wire Rods – Specification.                                                                                                                       |
| 73    | IS 4224: 1972        | Specification for Steel Wire for Staples, Pins and Clips.                                                                     | 2                                                          | IS 7887 : 1992                             | Mild steel wire rods for general engineering purposes.                                                                                                             |
|       |                      |                                                                                                                               |                                                            | IS 7904 : 2018                             | High Carbon Steel Wire Rods – Specification.                                                                                                                       |
| 74    | IS 4398: 1994        | Carbon-chromium Steel for the Manufacture of Balls, Rollers and Bearing Races- Specification.                                 | 1                                                          | IS 4398: 1994 (for bars, wire rods, wires) | Carbon-chromium Steel for the Manufacture of Balls, Rollers and Bearing Races- Specification.                                                                      |
| 75    | IS 6902: 1973        | Specification for Steel Wire for spokes.                                                                                      | 1                                                          | IS 7904: 2018                              | High Carbon Steel Wire Rods – Specification.                                                                                                                       |

| S.No. | A: Product               |                                                                                                                                           | Number of Possible standards for input steel/base material | B: Input for product mentioned at A |                                                                                                   |
|-------|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|-------------------------------------|---------------------------------------------------------------------------------------------------|
|       | IS Number                | IS Title                                                                                                                                  |                                                            | IS Number                           | IS Title                                                                                          |
| 76    | IS 6967: 1973            | Specification for Steel for Electrically welded round Link Chains.                                                                        | 1                                                          | IS 6967: 1973 (for bars)            | Specification for Steel for Electrically welded round Link Chains.                                |
| 77    | IS 7226: 1974            | Specification for Cold rolled medium, high carbon and low alloy steel strip for general engineering purposes.                             | NA                                                         | Not applicable                      | Not applicable                                                                                    |
| 78    | IS 7557: 1982            | Specification for Steel Wire: (Up to 20 mm) for the manufacture of cold-forged rivets.                                                    | 2                                                          | IS 7887 : 1992                      | Mild steel wire rods for general engineering purposes.                                            |
|       |                          |                                                                                                                                           |                                                            | IS 11169(part-1): 2022              | Steels for Cold Heading/ Cold extrusion application<br>Part-1 Wrought carbon and low alloy steels |
| 79    | IS 9476: 1980            | Specification for Cold rolled steel strips for carbon steel razor blades.                                                                 | NA                                                         | Not applicable                      | Not applicable                                                                                    |
| 80    | IS 9962: 1981            | Specification for Steel Wire for Needles.                                                                                                 | 2                                                          | IS 7904: 2018                       | High Carbon Steel Wire Rods – Specification.                                                      |
|       |                          |                                                                                                                                           |                                                            | IS 7887 : 1992                      | Mild steel wire rods for general engineering purposes.                                            |
| 81    | IS 14331: 1995           | Steels for High Temperature Bolting Applications – Specification.                                                                         | 1                                                          | IS 14650: 2023                      | Carbon Steel Cast Billet Ingots Billets Blooms and Slabs for Re- rolling purposes- Specification. |
| 82    | IS 14650: 2023           | Carbon Steel Cast Billet Ingots Billets Blooms and Slabs for Re- rolling purposes- Specification.                                         | NA                                                         | Not applicable                      | Not applicable                                                                                    |
| 83    | IS 4882: 1979            | Specification for Low Carbon Steel Wire for Rivets for Use in Bearing Industry.                                                           | 2                                                          | IS 7887 : 1992                      | Mild steel wire rods for general engineering purposes.                                            |
|       |                          |                                                                                                                                           |                                                            | IS 11169(part-1): 2022              | Steels for Cold Heading/ Cold extrusion application<br>Part-1 Wrought carbon and low alloy steels |
| 84    | IS 2090: 1983            | Specification For High Tensile Steel Bars Used in Pre-stressed Concrete.                                                                  | 1                                                          | IS 14650: 2023                      | Carbon Steel Cast Billet Ingots Billets Blooms and Slabs for Re- rolling purposes- Specification. |
| 85    | IS 6529: 1996            | Stainless Steel Blooms Billets and Slabs for Forging.                                                                                     | NA                                                         | Not applicable                      | Not applicable                                                                                    |
| 86    | IS 9294: 2023            | Cold-Rolled Stainless-Steel Strips for Razor Blades.                                                                                      | NA                                                         | Not applicable                      | Not applicable                                                                                    |
| 87    | IS 10631: 1983           | Stainless steel for welding electrode core wire.                                                                                          | 1                                                          | IS 6603: 2024                       | Stainless Steel Bars and Flats.                                                                   |
| 88    | IS 10632 (Part 2): 1983  | Specification for Non-Magnetic stainless steels for electrical applications: Part 2 Specific requirements for binding wire.               | NA                                                         | Not applicable                      | Not applicable                                                                                    |
| 89    | IS 10632 (Part 3): 1983  | Specifications for Non-Magnetic stainless steels for electrical applications: Part 3 Specific requirements for sheets, strips and plates. | NA                                                         | Not applicable                      | Not applicable                                                                                    |
| 90    | IS 11169 (Part 2) : 2023 | Steels for cold heading/ cold extrusion applications – specification: Part 2 Stainless steel.                                             | 2                                                          | IS 14650: 2023                      | Carbon Steel Cast Billet Ingots Billets Blooms and Slabs for Re- rolling purposes- Specification. |
|       |                          |                                                                                                                                           |                                                            | IS 11169 (Part 2) : 2023 for wires  | Steels for cold heading/ cold extrusion applications – specification: Part 2 Stainless steel.     |

|       | A: Product               |                                                                                                                                         | Number of Possible standards for input steel/base material | B: Input for product mentioned at A           |                                                                                                                                                |
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| S.No. | IS Number                | IS Title                                                                                                                                |                                                            | IS Number                                     | IS Title                                                                                                                                       |
| 91    | IS 5651: 1987            | Steels for Pneumatic Tools.                                                                                                             | 2                                                          | IS 1875: 1992                                 | Carbon steel billets, blooms, slabs and bars for forgings.                                                                                     |
|       |                          |                                                                                                                                         |                                                            | IS 14650: 2023                                | Carbon Steel Cast Billet Ingots Billets Blooms and Slabs for Re- rolling purposes-Specification.                                               |
| 92    | IS 9516: 1980            | Heat Resisting Steel.                                                                                                                   | 2                                                          | IS 1875: 1992                                 | Carbon steel billets, blooms, slabs and bars for forgings.                                                                                     |
|       |                          |                                                                                                                                         |                                                            | IS 14650: 2023                                | Carbon Steel Cast Billet Ingots Billets Blooms and Slabs for Re- rolling purposes-Specification.                                               |
| 93    | IS 11952: 1986           | Steels For Piston Pins (gudgeon Pins).                                                                                                  | 1                                                          | IS 14650: 2023                                | Carbon Steel Cast Billet Ingots Billets Blooms and Slabs for Re- rolling purposes-Specification.                                               |
| 94    | IS 12045: 1987           | Alloys Used in Electrical Resistance Metallic Heating Elements.                                                                         | 2                                                          | IS 12045: 1987 (for cold rolled strips)       | Alloys Used in Electrical Resistance Metallic Heating Elements.                                                                                |
|       |                          |                                                                                                                                         |                                                            | IS 14650: 2023 (for hot rolled strips)        | Carbon Steel Cast Billet Ingots Billets Blooms and Slabs for Re- rolling purposes-Specification.                                               |
| 95    | IS 14652: 1999           | 18 Percent Nickel Maraging Steel Bars and Rods.                                                                                         | 1                                                          | IS 14650: 2023                                | Carbon Steel Cast Billet Ingots Billets Blooms and Slabs for Re- rolling purposes-Specification.                                               |
| 96    | IS 1566: 1982            | Specification for Hard-drawn Steel Wire Fabric for Concrete Reinforcement.                                                              | 1                                                          | IS 432 (Part 2): 1982                         | Specification for Mild steel and Medium Tensile steel bars and Hard–Drawn Steel Wire for Concrete Reinforcement: Part 2 Hard-Drawn Steel Wire. |
| 97    | IS 11946: 1987           | Soft Magnetic Iron Strips.                                                                                                              | 1                                                          | IS 11513: 2017                                | Hot Rolled Carbon Steel Strip for Cold Rolling Purposes.                                                                                       |
| 98    | IS 11947: 1987           | Soft Magnetic Iron Rods, Bars, Flats and Sections.                                                                                      | 1                                                          | IS 14650: 2023                                | Carbon Steel Cast Billet Ingots Billets Blooms and Slabs for Re- rolling purposes-Specification.                                               |
| 99    | IS 963: 1958             | Chrome molybdenum steel bars and rods for aircraft purposes.                                                                            | 2                                                          | IS 1875: 1992                                 | Carbon steel billets, blooms, slabs and bars for forgings.                                                                                     |
|       |                          |                                                                                                                                         |                                                            | IS 14650: 2023                                | Carbon Steel Cast Billet Ingots Billets Blooms and Slabs for Re- rolling purposes-Specification.                                               |
| 100   | IS 4454 (Part 4): 2001   | Steel Wires for Mechanical Springs - Part 4: Stainless Steel Wire.                                                                      | 1                                                          | IS 6603 : 2024                                | Stainless Steel Bars and Flats.                                                                                                                |
| 101   | IS 1993: 2018            | Cold-reduced Electrolytic Tin Plate.                                                                                                    | 1                                                          | IS/ISO 11951: 2016                            | Cold - Reduced Tinmill Products – Blackplate.                                                                                                  |
| 102   | IS 12591: 2018           | Cold reduced electrolytic chromium / Chromium oxide – coated steel.                                                                     | 1                                                          | IS/ISO 11951: 2016                            | Cold - Reduced Tinmill Products – Blackplate.                                                                                                  |
| 103   | IS 412: 1975             | Specification for Expanded Metal Steel Sheets for General Purposes.                                                                     | 1                                                          | IS 14650: 2023                                | Carbon Steel Cast Billet Ingots Billets Blooms and Slabs for Re- rolling purposes-Specification.                                               |
| 104   | IS 2100: 1970            | Specification for Steel Billets, Bars and Sections for Boilers.                                                                         | 1                                                          | IS 2100: 1970 (for bars and sections)         | Specification for Steel Billets, Bars and Sections for Boilers.                                                                                |
| 105   | IS 2589: 1975            | Specification for Hard Drawn Steel Wire for Upholstery Springs.                                                                         | 1                                                          | IS 7904: 2018                                 | High Carbon Steel Wire Rods – Specification.                                                                                                   |
| 106   | IS 3298: 1981            | Specification for Mild Steel Rivet Bars for Ship Building.                                                                              | 1                                                          | IS 14650: 2023                                | Carbon Steel Cast Billet Ingots Billets Blooms and Slabs for Re- rolling purposes-Specification.                                               |
| 107   | IS 4072: 1975            | Specification for Steel for Spring Washers.                                                                                             | 1                                                          | IS 4072: 1975 (for plate, sheet, wire or rod) | Specification for Steel for Spring Washers.                                                                                                    |
| 108   | IS 8510 (Part II): 1977  | Specification for Tinned Steel Wire for Banding of Armatures and Rotors: Part II Specific Requirements for magnetic banding wires.      | 1                                                          | IS 7904: 2018                                 | High Carbon Steel Wire Rods – Specification.                                                                                                   |
| 109   | IS 8510 (Part III): 1977 | Specification for Tinned Steel Wire for Banding of Armatures and Rotors: Part III Specific Requirements for non-magnetic banding wires. | 1                                                          | IS 6603 : 2024                                | Stainless Steel Bars and Flats.                                                                                                                |

|       | A: Product         |                                                                                                                                                | Number of Possible standards for input steel/base material | B: Input for product mentioned at A |                                                                                                  |
|-------|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|-------------------------------------|--------------------------------------------------------------------------------------------------|
| S.No. | IS Number          | IS Title                                                                                                                                       |                                                            | IS Number                           | IS Title                                                                                         |
| 110   | IS 8563: 1977      | Specification for Half Round Mild Steel Wire for The Manufacture of Split Pins.                                                                | 1                                                          | IS 7887: 1992                       | Mild steel wire rods for general engineering purposes.                                           |
| 111   | IS 8564: 1977      | Specification for Steel Wire for Nipples for Spokes.                                                                                           | NA                                                         | Not applicable                      | Not applicable                                                                                   |
| 112   | IS 8565: 1977      | Specification for Heald Wire.                                                                                                                  | 1                                                          | IS 7904: 2018                       | High Carbon Steel Wire Rods – Specification.                                                     |
| 113   | IS 8566: 1977      | Specification for Steel Wire for Reeds.                                                                                                        | 1                                                          | IS 7887: 1992                       | Mild steel wire rods for general engineering purposes.                                           |
| 114   | IS 8917: 1978      | Specification for Steel Plates for Galvanizing Pots.                                                                                           | 1                                                          | IS 14650: 2023                      | Carbon Steel Cast Billet Ingots Billets Blooms and Slabs for Re- rolling purposes-Specification. |
| 115   | IS 9442: 1980      | Specification for Hot -Rolled Steel Plates, Sheets and Strips for Manufacture of Agricultural Tillage Discs.                                   | 1                                                          | IS 14650: 2023                      | Carbon Steel Cast Billet Ingots Billets Blooms and Slabs for Re- rolling purposes-Specification. |
| 116   | IS 9485: 1980      | Specification For Cold-Reduced and Hot-Rolled Carbon Steel Sheet for Porcelain Enamelling.                                                     | 2                                                          | IS 14650: 2023 (for hot rolled)     | Carbon Steel Cast Billet Ingots Billets Blooms and Slabs for Re- rolling purposes-Specification. |
|       |                    |                                                                                                                                                |                                                            | IS 9485: 1980 (for cold rolled)     | Specification For Cold-Reduced and Hot-Rolled Carbon Steel Sheet for Porcelain Enamelling.       |
| 117   | IS 10794: 1984     | Specification for Mild Steel Wire for Cotter Pins.                                                                                             | 1                                                          | IS 7887: 1992                       | Mild steel wire rods for general engineering purposes.                                           |
| 118   | IS 12262: 1988     | Specification for Trapezoidal Steel Wire for Springs Washers.                                                                                  | 1                                                          | IS 7904: 2018                       | High Carbon Steel Wire Rods – Specification.                                                     |
| 119   | IS 15911: 2010     | Structural Steel (Ordinary Quality)-Specification.                                                                                             | 1                                                          | IS 14650: 2023                      | Carbon Steel Cast Billet Ingots Billets Blooms and Slabs for Re- rolling purposes-Specification. |
| 120   | IS 4431: 1978      | Specification for Carbon and Carbon-Manganese Free-Cutting Steels.                                                                             | 1                                                          | IS 4431: 1978 (for bars)            | Specification for Carbon and Carbon-Manganese Free-Cutting Steels.                               |
| 121   | IS 4432: 1988      | Specification for Case Hardening Steels.                                                                                                       | 1                                                          | IS 4432: 1988 (for bars and rods)   | Specification for Case Hardening Steels.                                                         |
| 122   | IS 5518: 1996      | Steels for Die Blocks for Drop Forging Specification.                                                                                          | 1                                                          | IS 1875: 1992                       | Carbon steel billets, blooms, slabs and bars for forgings.                                       |
| 123   | IS 8748: 1978      | Specification for Forged/Rolled CTC Segments.                                                                                                  | 2                                                          | IS 14650: 2023 (for rolled)         | Carbon Steel Cast Billet Ingots Billets Blooms and Slabs for Re- rolling purposes-Specification. |
|       |                    |                                                                                                                                                |                                                            | IS 6529: 1996 (for forged)          | Stainless Steel Blooms Billets and Slabs for Forging.                                            |
| 124   | IS 12145: 1987     | Specification for Quenched and Tempered Alloy Steel Forgings for Pressure Vessels.                                                             | 1                                                          | IS 1875: 1992                       | Carbon steel billets, blooms, slabs and bars for forgings.                                       |
| 125   | IS 13387: 1992     | Tool Steel Forgings for Metal Forming – Specification.                                                                                         | 1                                                          | IS 1875: 1992                       | Carbon steel billets, blooms, slabs and bars for forgings.                                       |
| 126   | IS 14698: 1999     | Carbon and Low Alloy Billets, Blooms, Slabs and Bars for Manufacture of Shell Bodies and Proof Shots Used in Defence Services - Specification. | NA                                                         | Not applicable                      | Not applicable                                                                                   |
| 127   | IS/ISO 11951: 2016 | Cold - Reduced Tinmill Products – Blackplate.                                                                                                  | 1                                                          | IS 11513: 2017                      | Hot Rolled Carbon Steel Strip for Cold Rolling Purposes.                                         |
| 128   | IS 3930: 1994      | Flame and Induction Hardening Steels – Specification.                                                                                          | 2                                                          | IS 14650: 2023                      | Carbon Steel Cast Billet Ingots Billets Blooms and Slabs for Re- rolling purposes-Specification. |
|       |                    |                                                                                                                                                |                                                            | IS 1875: 1992                       | Carbon steel billets, blooms, slabs and bars for forgings.                                       |
| 129   | IS 5478: 1969      | Specification for Thermostat Metal Sheet and Strip.                                                                                            | 1                                                          | IS 14650: 2023                      | Carbon Steel Cast Billet Ingots Billets Blooms and Slabs for Re- rolling purposes-Specification. |

| S.No. | A: Product                         |                                                                                                                                                                                 | Number of Possible standards for input steel/base material | B: Input for product mentioned at A     |                                                                                                                                                                               |
|-------|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|       | IS Number                          | IS Title                                                                                                                                                                        |                                                            | IS Number                               | IS Title                                                                                                                                                                      |
| 130   | IS 13352: 1992                     | Stock for Forgings produced from Continuously Cast Blooms, Billets and Slabs – Specification.                                                                                   | NA                                                         | Not applicable                          | Not applicable                                                                                                                                                                |
| 131   | IS 16644: 2018                     | Stress-Relieved, Low Relaxation Steel Wire for Pre-stressed Concrete — Specification.                                                                                           | 1                                                          | IS 7904: 2018                           | High Carbon Steel Wire Rods – Specification.                                                                                                                                  |
| 132   | IS 17404: 2020                     | Electrogalvanized Hot Rolled and Cold Reduced Carbon Steel Sheets and Strips — Specification.                                                                                   | 4                                                          | IS 1079:2017                            | Hot Rolled Carbon Steel Sheet, Plate and Strip - Specification.                                                                                                               |
|       |                                    |                                                                                                                                                                                 |                                                            | IS 5986: 2017                           | Hot Rolled Steel Sheet, Plate and Strip for Forming and Flanging purposes.                                                                                                    |
|       |                                    |                                                                                                                                                                                 |                                                            | IS 513 (Part-1 ): 2016                  | Cold reduced carbon steel sheets and strip: Part 1 Cold Forming and Drawing Purpose.                                                                                          |
|       |                                    |                                                                                                                                                                                 |                                                            | IS 513 (Part-2): 2016                   | Cold reduced low carbon steel sheets and strip: Part 2 High Tensile and Multi- phase Steel.                                                                                   |
| 133   | IS 16732: 2019                     | Galvanized Structural Steel – Specification.                                                                                                                                    | 1                                                          | IS 2062: 2011                           | Hot rolled medium and high tensile structural steel except for bars and rods of diameter or thickness less than 6 mm and structurals below (50 mm x 50 mm x 6 mm).            |
| 134   | IS 17111: 2019 (ISO 683- 17: 2014) | Heat-Treated Steels Alloy and Free-Cutting Steels — Ball and Roller Bearing Steels.                                                                                             | 1                                                          | IS 14650: 2023                          | Carbon Steel Cast Billet Ingots Billets Blooms and Slabs for Re- rolling purposes- Specification.                                                                             |
| 135   | IS 12594: 1988                     | Hot-dip Zinc Coating on Structural Steel Bars for Concrete Reinforcement – Specification.                                                                                       | 3                                                          | IS 1786: 2008                           | High strength deformed steel bars and wires for concrete reinforcement- Specification except for High strength deformed steel bars and wires of sizes less than 8 mm.         |
|       |                                    |                                                                                                                                                                                 |                                                            | IS 2062: 2011                           | Hot rolled medium and high tensile structural steel except for bars and rods of diameter or thickness less than 6 mm and structurals below (50 mm x 50 mm x 6 mm).            |
|       |                                    |                                                                                                                                                                                 |                                                            | IS 432 (Part1): 1982                    | Specification for Mild Steel and Medium Tensile Steel Bars and Hard–Drawn Steel Wire for Concrete Reinforcement; Part 1 Mild steel and medium tensile steel bars              |
| 136   | IS 1170: 1992                      | Ferrochromium – Specification.                                                                                                                                                  | NA                                                         | Not applicable                          | Not applicable                                                                                                                                                                |
| 137   | IS 1171: 2011                      | Ferromanganese – Specification.                                                                                                                                                 | NA                                                         | Not applicable                          | Not applicable                                                                                                                                                                |
| 138   | IS 1470: 2013                      | Silicomanganese – Specification.                                                                                                                                                | NA                                                         | Not applicable                          | Not applicable                                                                                                                                                                |
| 139   | IS 18316: 2023                     | Hot Rolled and Cold Rolled Steel Strips Intended For Processing Of Semi/Fully Processed Non- Grain Oriented Electrical Steel Or Fully Processed Grain Oriented Electrical Steel | 2                                                          | IS 14650: 2023( for hot rolled)         | Carbon Steel Cast Billet Ingots Billets Blooms and Slabs for Re- rolling purposes- Specification.                                                                             |
|       |                                    |                                                                                                                                                                                 |                                                            | IS 18316: 2023 (for cold rolled)        | Hot Rolled and Cold Rolled Steel Strips Intended For Processing Of semi/Fully Processed NonGrain Oriented Electrical Steel Or Fully processed Grain Oriented Electrical Steel |
| 140   | IS 18384: 2023                     | Hot-Rolled Steel Strip, Sheet and Plates for Welded Steel Pipe for Pipeline Transportation Systems                                                                              | 1                                                          | IS 14650: 2023                          | Carbon Steel Cast Billet Ingots Billets Blooms and Slabs for Re- rolling purposes- Specification.                                                                             |
| 141   | IS 18385: 2023                     | Hot- Dip galvanized/ galvannealed Steel Sheet and strips for Automotive Applications                                                                                            | 2                                                          | IS 14650: 2023 for hot rolled substrate | Carbon Steel Cast Billet Ingots Billets Blooms and Slabs for Re- rolling purposes- Specification.                                                                             |
|       |                                    |                                                                                                                                                                                 |                                                            | IS 11513: 2017 for cold rolled          | Hot Rolled Carbon Steel Strip for Cold Rolling Purposes.                                                                                                                      |
| 142   | IS 18513: 2023                     | Hot-Dip Zinc-Aluminium-Magnesium Alloy Coated Steel Sheets, Plates and Strips - Specification                                                                                   | 3                                                          | IS 1079: 2017 for Hot rolled            | Hot rolled carbon steel sheet, plate and strip - Specification                                                                                                                |
|       |                                    |                                                                                                                                                                                 |                                                            | IS 5986: 2017 for Hot rolled            | Hot rolled steel sheet, plate and strip for forming and flanging purposes                                                                                                     |

| S.No. | A: Product    |                                  | Number of Possible standards for input steel/base material | B: Input for product mentioned at A |                                           |
|-------|---------------|----------------------------------|------------------------------------------------------------|-------------------------------------|-------------------------------------------|
|       | IS Number     | IS Title                         |                                                            | IS Number                           | IS Title                                  |
|       |               |                                  |                                                            | IS 513 (Part 1 & 2) for cold rolled | Cold reduced carbon steel sheet and strip |
| 143   | IS 1469: 1993 | Ferromolybdenum - Specification  | NA                                                         | Not applicable                      | Not applicable                            |
| 144   | IS 1466: 1985 | Specification for Ferro Vanadium | NA                                                         | Not applicable                      | Not applicable                            |