

**LOK SABHA**  
**UNSTARRED QUESTION NO.4576**  
FOR ANSWER ON 22/07/2019

**HIGH QUALITY STEEL**

4576. SHRI VISHNU DAYAL RAM:

Will the Minister of STEEL be pleased to state:

- (a) whether the Government proposes to introduce a new technology to produce high quality steel to counter the competition at international level and if so, the details thereof;
- (b) whether the Government proposes to make the ISI certification mandatory for steel products; and
- (c) if so, the details thereof?

**ANSWER**

THE MINISTER OF STEEL

(SHRI DHARMENDRA PRADHAN)

- (a) Steel is a deregulated sector wherein steel companies can select and acquire the technologies based on their techno-economic and techno-commercial parameters to produce the desired quality of steel.
- (b) Government has already made ISI certification mandatory for 53 Indian Standards related to Steel. Making ISI certification mandatory is an on-going process.
- (c) The list of 53 Indian Standards brought under the mandatory ISI certification is **annexed**.

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**List of Indian Standards for Steel brought under the purview of mandatory ISI Certification**

<b>Sl. No.</b>	<b>Indian Standards</b>	<b>Title of Indian Standards</b>
<b>(1)</b>	<b>(2)</b>	<b>(3)</b>
1.	IS 1785 (Part-1) : 1983	Specification for plain Hard-drawn Steel Wire For Pre-stressed Concrete; Part 1 Cold - Drawn Stress relieved Wire.
2.	IS 1785 (Part-2) : 1983	Plain Hard-drawn Steel Wire for Pre-stressed Concrete; Part 2 as Drawn Wire.
3.	IS 6003 : 2010	Indented Wire for Pre-stressed Concrete - Specification
4.	IS 6006 : 2014	Uncoated Stress Relieved Strand For Pre-stressed Concrete – Specification.
5.	IS 13620 : 1993	Fusion Bonded Epoxy Coated Reinforcing Bars – Specification.
6.	IS 14268 : 1995	Uncoated Stress Relieved Low Relaxation Seven-wire (ply) Strand for Pre-stressed Concrete – Specification.
7.	IS 277 : 2018	Galvanized Steel Sheets (Plain and Corrugated) – Specification.
8.	IS 2002 : 2009	Steel plates for pressure vessels for intermediate and high temperature service including boilers.
9.	IS 2041 : 2009	Steel Plates for Pressure Vessels Used at Moderate and Low Temperature – Specification.
10.	IS 2830 : 2012	Carbon steel cast billet ingots, billets, blooms and slabs for re-rolling into steel for general structural purposes – Specification.
11.	IS 1786 : 2008	High strength deformed steel bars and wires for concrete reinforcement- Specification.
12.	IS 648 : 2006	Cold rolled non-oriented electrical steel sheet and strip - Fully processed type- Specification.
13.	IS 3024 : 2015	Grain Oriented Electrical Steel Sheet and Strip
14.	IS 15391 : 2003	Cold Rolled Non-Oriented Electrical Steel Sheet and Strip – Semi-Processed Type- Specification.
15.	IS 2062 : 2011	Hot rolled medium and high tensile structural steel.
16.	IS 432 : Part 1 : 1982	Mild Steel and Medium Tensile Steel Bars and Hard-Drawn Steel Wire for Concrete Reinforcement: Part 1 Mild steel and medium tensile steel bars.
17.	IS 432 : Part 2 : 1982	Mild steel and Medium Tensile steel bars and Hard-Drawn Steel Wire for Concrete Reinforcement: Part 2 Hard-Drawn Steel Wire.
18.	IS 513 (Part 1) : 2016	Cold reduced carbon steel sheets and strip Part 1 Cold Forming and Drawing Purpose (Sixth Revision).
19..	IS 513 (Part 2) : 2016	Cold reduced low carbon steel sheets and strip Part 2 High Tensile and Multi-phase Steel (Sixth Revision).
20.	IS 1079 : 2017	Hot Rolled Carbon Steel Sheet, Plate and Strip.
21.	IS 1875 : 1992	Carbon steel billets, blooms, slabs and bars for forgings.
22.	IS 2879 : 1998	Mild steel for metal arc welding electrodes.

23.	IS 3502 : 2009	Steel Chequered Plates.
24.	IS 5872 : 1990	Cold Rolled Steel Strips (Box Strappings).
25.	IS 5986 : 2017	Hot Rolled Steel Sheet, Plate and Strip for Forming and Flanging purposes.
26.	IS 6240 : 2008	Hot Rolled Steel Plate (up to 6 mm) Sheet and Strip for the Manufacture of Low Pressure Liquefiable Gas Cylinders.
27.	IS 7283 : 1992	Hot Rolled bars for production of bright bars and machined parts for engineering applications.
28.	IS 7887 : 1992	Mild steel wire rods for general engineering purposes.
29.	IS 10748: 2004	Hot Rolled Steel Strip for Welded Tubes and Pipes.
30.	IS 11513 : 2017	Hot Rolled Carbon Steel Strip For Cold Rolling Purposes.
31.	IS 15647 : 2006	Hot rolled steel narrow width strip for welded tubes and pipes.
32.	IS 7904 : 2018	High Carbon Steel Wire Rods – Specification.
33.	IS 14246 : 2013	Continuously pre-painted galvanized steel sheets and coils.
34.	IS 15965 : 2012	Pre-painted aluminium zinc alloy metallic coated steel strip and sheet (plain).
35.	IS 280:2006	Mild steel wire for General Engineering purposes.
36.	IS 1835 : 1976	Round steel wire for ropes.
37.	IS 3975: 1999	Low carbon Galvanized steel wires, formed wires and Tapes for armouring of cables.
38.	IS 4368: 1967	Alloy Steel billets, blooms and slabs for forging for general engineering purposes.
39.	IS 4454 (part 1) : 2001	Steel wires for mechanical springs, Part 1 cold drawn unalloyed steel wire.
40.	IS 4454 (Part 2) : 2001	Steel wire for mechanical springs Part 2: oil hardened and tempered steel wire.
41.	IS 4824: 2006	Bead Wires for Tyres.
42.	IS 11169 (Part 1) : 1984	Steels for Cold Heading/Cold extrusion application Part-1 Wrought carbon and low alloy steels.
43.	IS 11587 : 1986	Structural Weather resistant steel.
44.	IS 15103 : 2002	Fire resistant steel – Specification.
45.	IS 15914 : 2011	High Tensile Strength Flat Rolled Steel Plate (Up to 6 mm) Sheet and Strip for the Manufacture of Welded Gas Cylinder.
46.	IS 15961 : 2012	Hot Dip aluminium – Zinc alloy metallic coated steel strip and sheet (plain).
47.	IS 15962 : 2012	Structural Steel for Building for Structures with improved seismic Resistance.
48.	IS 6527: 1995	Stainless Steel Wire Rod.
49.	IS 6528 :1995	Stainless Steel Wires.
50.	IS 6603 : 2001	Stainless Steel Bars and Flats.
51.	IS 5522 : 2014	Stainless steel sheets and strips for utensils Specification
52.	IS 6911: 2017	Stainless steel plate, sheet and strip - Specification
53.	IS 15997: 2012	Low Nickel Austenitic Stainless Steel Sheet and Strip For Utensils and Kitchen Appliances – Specification

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