



भारतीय मानक ब्यूरो

(उपभोक्ता मामले, खाद्य एवं सार्वजनिक वितरण मंत्रालय, भारत सरकार)

BUREAU OF INDIAN STANDARDS

(Ministry of Consumer Affairs, Food & Public Distribution, Govt. of India)

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Review Document

Basic Details

1.	Sectional Committee No. & Title:	MTD 4 - Wrought Steel Products Sectional Committee
2.	IS No :	IS 14491 : 1997
3.	Title :	Low carbon high strength cold rolled steel sheets and coils for cold forming - Specification
4.	Date of Previous Review:	March, 2022

Review Analysis

5.1 Status of standard(s), if any from which assistance had been drawn in the formulation of this IS.

S.No.	Standard (No.)	Standard (Title)	Whether the standard has since been revised	Major changes	Action proposed
No entry made in this table					

5.2 Status of standard referred in the IS.

S.No.	Referred standards (No.)	Referred standards (Title)	Since revised IS no. of the corresponding IS	Changes in the referred Standards since last review of IS	Changes in the referred standard which are affecting the standard under review	Action proposed
No entry made in this table						

5.3 Any other standards available related to the subject & scope of the standard being reviewed (International/regional/other national/association/consortia, etc or of new or revision of existing Indian Standard).

S.No.	Standard (No.)	Standard (Title)	Provisions that could be relevant while reviewing the IS	Action proposed
No entry made in this table				

5.4 Technical comments on the standard received, if any.

S.No.	Source	Clause of IS	Comment	Action proposed
No entry made in this table				

5.5 Information available on relevant technical developments

S.No.	Source	Development	Relevant clause of the IS under review that is likely to be impacted (Clause & IS No.)	Action proposed
No entry made in this table				

5.6 Issues arising out of changes in any related IS or due to formulation of new Indian Standard.

S.No.	Related IS (revised or new)	Related IS Title	Provision in the IS under review that would be impacted & the clause no. or addition of new clause/provision	Changes that may be necessary in the Standards under review	Action proposed
1	IS 513 : Part 2-2016	Cold reduced carbon steel sheet and strip: Part 2 high tensile and multi - Phase steel (Sixth Revision)	This standard had merged with IS 513 Part2: 2016 as the properties / delivery conditions of HSLA grades are defined in IS 513 part2 standard.	NA	Current IS 14491: 1997 may be withdrawn.

5.7 Any consequential changes to be considered in other IS.

S.No.	Related IS to get impacted	Related IS Title	Requirements to be impacted
No entry made in this table			

Other Details

6.	Any other observation:	This has reference to the Minutes of Meetings held on 25-26th April, 2016, it was agreed by committee on the following: a) Grade designations to be mentioned as ISC (Indian standard cold rolled) for cold rolled steel b) Grades will be designated based on the minimum tensile strength required in a single table. Besides, all the grades mentioned in the IS 14491:1997 have been reproduced in IS 513 Part 2 inform of ISC designation which is based upon the minimum tensile strength.
7.	Upload Supporting Document(s)	
7.1 ARP Report		70_6397_230306105031_ARP_Report.docx
7.2 Draft Document		No Document Uploaded
8.	Recommendations - On the basis of the analysis of the info available as mentioned above consideration of sectional committee is solicited on the following aspects of the IS under review:	In view of above, IS 14491 may be withdrawn and following suggestion and inputs may be considered for IS 513 Part 2: Cold reduced low carbon steel sheets and strips for High Strength and Multi Phase steel: i) Properties in L-direction for HSLA grades (Auto market requirements) to be included in the standard similar to EN 10268 HSLA grades. Reference - Table 3. Mechanical properties of longitudinal test pieces as per DIN EN 10268: 2013-12/ EN 10268:2006A1:2013(E).