

(PREVIEW)

Indian Standard
HOT-DIP ZINC COATINGS ON
STRUCTURAL STEEL AND OTHER ALLIED
PRODUCTS - SPECIFICATION

1 SCOPE

1.1 This standard specifies requirements for zinc coating applied by hot-dip galvanizing on iron and steel products, fabricated or assembled from cast, rolled, pressed and forged shapes, such as structural steel sections, plates and bars.

1.2 This standard makes no reference to the quality of iron and steel itself before hot-dip galvanizing. However guidance on the condition of the base material which may affect the result of hot-dip galvanizing are given in Annex A.

2. REFERENCE

The Indian Standards listed at Annex B are necessary adjuncts to this standard.

ANNEX B**(Clause 2)****LIST OF REFERRED INDIAN STANDARDS**

<i>IS No.</i>	<i>Title</i>
209: 1992	Zinc ingot (<i>fourth revision</i>)
1387 : 1993	General requirements for the supply of metallurgical materials (<i>second revision</i>)
2500 (Part 1): 1992	Sampling inspection procedure: Part 1 Attribute sampling plans indicated by acceptable quality level (AQL) for lot inspection (<i>second revision</i>)
2629: 1985	Recommended practice for hot-dip galvanizing of iron and steel (<i>first revision</i>)
2633 : 1986	Methods of testing uniformity of coating on zinc coated articles (<i>second revision</i>)
3203: 1982	Methods of testing local thickness of electroplated coatings (<i>first revision</i>)
4905: 1982	Methods of random sampling
6012: 1982	Measurement of coating thickness by eddy current methods (<i>first revision</i>)
6158: 1984	Recommended practice for safeguarding against embrittlement of hot-dipped galvanized iron and steel products (<i>second revision</i>)
6745: 1972	Method for determination of mass of zinc coating zinc coated iron and steel articles
13229: 1991	Zinc for galvanizing