

Code	Comments/Remarks
BS 4449:2005+A 2:2009	<p><b><u>8.1.2 Sampling and testing of finished products, 8.1.2.2 Bars and coils, The test unit shall be the cast or part quantity of the cast.</u></b></p> <p>a) For chemical composition, one analysis per test unit. The chemical composition (cast analysis) of the steel shall have been determined by the steel producer.</p> <p>b) For rebend tests, nominal mass per metre and surface geometry, one test piece per test unit and nominal diameter.</p> <p>c) For tensile tests, one test piece per 30 t with at least three test pieces per test unit and nominal diameter. Where bars and coils are produced for the manufacture of welded fabric only, one tensile test piece shall be taken per 30 t produced.</p>
BS 4449:2005+A 2:2009	<p><b>Annex B (normative)</b>  <b>Material not covered by a third party product certification scheme</b>  <b>B.2 Extent of sampling and testing</b></p> <p>For testing purposes, the batch shall be divided into test units with a maximum mass of 100 t. Each test unit shall comprise products of the same steel grade and nominal diameter from the same cast. The manufacturer shall certify that all products in the test unit originate from the same cast.</p>
IS 1786, R4 ,reaffirmed 2018	<p>For checking nominal mass, mechanical properties, bend test and rebend test, test specimen of sufficient length shall be cut from each size of the finished bar/wire at random at a frequency not less than that specified below:</p> <p><b>Chemical properties not covered</b></p> <p>Nominal Size Quantity (for all sizes)  For cast/Heats below 100 tonnes - 2 per cast  For cast/Heats 100 tonnes or more - 3 per cast</p>
MoRTH Rev 5	Testing and Acceptance : 1607 CI The sampling and test procedure shall be as laid down in <b>1786</b>
CPWD: 2009	<p><b>List of mandatory tests; Clause 5.1.3 For both physical and chemical</b></p> <p><b><u>For consignment below 100 tonnes</u></b>  :  Under 10mm dia – one sample for every 25 tonnes  10mm to 16mm dia – one sample for every 35 tonnes  Over 16mm dia – one sample for every 45 tonnes</p> <p><b><u>For consignment above 100 tonnes</u></b>  :  Under 10mm dia – one sample for every 40 tonnes  10mm to 16mm dia – one sample for every 45 tonnes  Over 16mm dia – one sample for every 50 tonnes</p>