

ISO 13899-2:2005-06 (E)

Steel - Determination of Mo, Nb and W contents in alloyed steel - Inductively coupled plasma atomic emission spectrometric method - Part 2: Determination of Nb content

Contents		Page
Foreword		iv
1	Scope	1
2	Normative references	1
3	Principle	1
4	Reagents	2
5	Apparatus	3
6	Sampling and samples	4
7	Procedure	4
7.1	Preparation of test solution, T_n	4
7.2	Preparation for spectrometric measurements	5
7.3	Pre-analysis of the test solution	5
7.4	Preparation of calibration solutions for bracketing, K_{Ln} and K_{Hn}	6
7.5	Analysis of test solutions	6
8	Expression of results	6
8.1	Method of calculation	6
8.2	Precision	6
9	Test report	7
Annex A (normative) Procedure for the determination of instrumental criteria		8
Annex B (informative) Suggested lines together with possible spectral interferences in the determination of Nb in steel by ICP-AES		10
Annex C (informative) Additional information on the international cooperative tests		11
Annex D (informative) Graphical representation of precision data		13