

# DIN EN 10355:2013-11 (E)

Chemical analysis of ferrous materials - Inductively coupled plasma optical emission spectrometric analysis of unalloyed and low alloyed steels - Determination of Si, Mn, P, Cu, Ni, Cr, Mo and Sn, following dissolution with nitric and sulphuric acids  
[Routine method]

---

<b>Contents</b>		<b>Page</b>
Foreword .....		3
1 Scope .....		4
2 Normative references .....		4
3 Principle .....		5
4 Reagents .....		5
5 Apparatus .....		7
6 Sampling .....		7
7 Sample solution preparation .....		7
8 Calibration process .....		9
9 Determination .....		11
10 Expression of results .....		14
11 Precision .....		14
12 Test report .....		17
Annex A (informative) Plasma optical emission spectrometer -- Suggested performance criteria to be checked .....		18
Annex B (normative) Synoptic of the operations related to Clause 9 .....		22
Annex C (informative) Composition of the test samples used for the validation precision test .....		23
Annex D (informative) Detailed results obtained from the validation precision test .....		24
Annex E (informative) Graphical representation of the precision data .....		32
Bibliography .....		39