

ISO 4992-2:2006-02 (E)

Steel castings - Ultrasonic examination - Part 2: Steel castings for highly stressed components

Contents		Page
Foreword		iv
1	Scope	1
2	Normative references	1
3	Terms and definitions	2
4	Requirements	2
4.1	Order information	2
4.2	Extent of examination	3
4.3	Maximum permissible size of discontinuities	3
4.4	Personnel qualification	3
4.5	Wall-section zones	4
4.6	Severity levels	4
5	Examination	4
5.1	Principles	4
5.2	Material	4
5.3	Equipment, coupling medium, sensitivity and resolution of detection	5
5.4	Preparation of casting surfaces for testing	6
5.5	Examination procedure	6
5.6	Examination report	9
Annex A (normative) Resolution of detection of the instrument/probe combination		16
Annex B (informative) Sound-beam diameters		17
Annex C (informative) Types of indications		19
Bibliography		31