

DIN EN 1371-2:2015-04 (E)

Founding - Liquid penetrant testing - Part 2: Investment castings

Contents		Page
Foreword		3
Introduction		4
1	Scope	5
2	Normative references	5
3	Conditions for liquid penetrant testing	5
4	Method of testing	6
4.1	Operating mode	6
4.2	Qualification of the operators	6
4.3	Surface preparation	6
4.4	Viewing conditions	6
5	Acceptance criteria	6
5.1	Indications of discontinuities	6
5.2	Definition of liquid penetrant indications	7
5.3	Severity levels	7
6	Classification of the indications and interpretation of results	8
7	Retesting	8
8	Post cleaning and protection	8
9	Test report	9
Annex A (informative) Indicative conversion of severity levels of linear (LP) and aligned (AP) indications		11
Annex B (informative) Nature of discontinuities and types of corresponding liquid penetrant indications		12
Annex C (informative) Reference figures - Non-linear clustered indications designated CP		13
Annex D (informative) Reference figures - Linear and aligned indications designated LP and AP		14
Annex E (informative) Model of a liquid penetrant test report		15
Annex F (informative) Significant technical changes between this European Standard and the previous edition		18
Bibliography		19