

# DIN 29595:2007-04 (E)

## Welding in aerospace - Fusion welded metallic components - Requirements

---

<b>Contents</b>		<b>Page</b>
Foreword .....		3
1	Scope .....	4
2	Normative references .....	4
3	Symbols .....	6
4	Requirements for fusion welding .....	6
5	Safety categories and quality levels .....	7
5.1	General .....	7
5.2	Safety category I .....	7
5.3	Safety category II .....	7
5.4	Safety category III .....	7
5.5	Quality levels .....	7
6	Requirements .....	7
6.1	General .....	7
6.2	Materials .....	7
6.3	Drawings and inspection schedules .....	8
6.4	Manufacturing conditions .....	8
6.5	Repair and maintenance .....	8
6.6	Manufacturing documentation .....	8
6.7	Limits for imperfections .....	8
7	Quality inspection .....	8
7.1	General .....	8
7.2	Test methods .....	9
7.3	Scope of testing .....	11
7.4	Repeat testing .....	11
Annex A (informative)	Calculated values .....	20