

# Table of Contents

Preface.....	5
Introduction.....	7
1. Scope.....	9
2. References.....	10
2.1 HART Field Communications Protocol Specifications.....	10
2.2 Device Family Specifications.....	10
2.3 Related HART Documents.....	10
3. Definitions.....	10
4. Symbols/Abbreviations.....	11
5. Data Format.....	12
6. Specification Control.....	12
6.1 Revision Numbers.....	13
6.2 Device Family Maturity Levels.....	13
6.3 Device Family Specification Process.....	14
6.3.1 Conceptual and Draft Device Family Specifications.....	14
6.3.2 Preliminary Device Family Specification.....	15
6.3.3 Final Device Family Specification.....	15
6.4 Device Family Modifications.....	15
6.5 The Device Family Committee.....	16
6.6 Appeals.....	17
6.6.1 Working Group Disputes.....	17
6.6.2 Device Family Committee Disputes.....	17
6.6.3 Appeals Procedure.....	17
7. Device Family Requirements.....	18
7.1 Device Family Specification Content.....	18
7.1.1 Device Family Commands.....	18
7.2 Developing a New Device Family.....	20
7.2.1 Device Family Status.....	21
7.3 Device Family WG Responsibilities.....	22
Annex A. Revision History.....	23
A1. Revision 1.0.....	23