

ISO 15746-3:2020-02 (E)

Automation systems and integration - Integration of advanced process control and optimization capabilities for manufacturing systems - Part 3: Verification and validation

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Abbreviated terms	2
5	Principle and purpose	2
5.1	Principle of verification and validation	2
5.2	Structures of indicators	3
5.2.1	General	3
5.2.2	Structure of quantitative indicators	3
5.2.3	Structure of judgement indicator	3
5.3	General process for verification and validation	4
5.4	Verification	5
5.5	Checkpoints in requirement analysis phase	5
5.6	Checkpoints of design phase	8
5.7	Checkpoints in development phase	9
5.8	Checkpoints in execution phase	11
5.9	Checkpoints in support phase	14
6	Validation	15
Bibliography		19