

ISO 22137:2020-02 (E)

Space systems - Program management - Test reviews

Contents	Page
Foreword	v
Introduction	vi
1 Scope	1
2 Normative references	1
3 Terms, definitions and abbreviated terms	1
3.1 Terms and definitions	1
3.2 Abbreviated terms	2
4 Management requirements for test reviews	2
4.1 Purpose of test reviews	2
4.2 Test reviews point	3
4.3 Organization of test reviews	3
4.4 Documentation of test reviews	4
5 Process for test reviews	4
5.1 Test review procedures	4
5.2 Process for a TRR	6
5.2.1 Overview	6
5.2.2 Initiate process of TRR	6
5.2.3 On-site review process of TRR	6
5.2.4 Implement review process of TRR	6
5.2.5 Conclude process of TRR	6
5.3 Process for PTR	6
5.3.1 Overview	6
5.3.2 Initiate process of PTR	7
5.3.3 Implement review process of PTR	7
5.3.4 Conclude process of PTR	7
5.4 Process for TRB	7
5.4.1 Overview	7
5.4.2 Initiate process of TRB	8
5.4.3 Implement review process of TRB	8
5.4.4 Conclude process of TRB	8
6 Content of test reviews	8
6.1 Content of TRR	8
6.1.1 Overview	8
6.1.2 Test documentation	9
6.1.3 Configuration of item under test	9
6.1.4 Test configuration	10
6.1.5 Inspection status of the KIP, the MIP	10
6.1.6 Test facility, environmental conditions, test instrumentation	10
6.1.7 Cleanliness conditions, hazards and safety	11
6.1.8 Ground Support Equipment	11
6.1.9 Status of test software	11
6.1.10 Status of non-conformance	11
6.1.11 Status of waivers and deviations	11
6.1.12 Engineering change status	11
6.1.13 Personnel qualification	11

6.1.14	Test procedure status	11
6.1.15	Test pass/fail criteria completeness	11
6.1.16	Assignment of responsibilities	12
6.1.17	Test schedule	12
6.1.18	Risk identification and control measures	12
6.2	Content of Post Test Review	12
6.2.1	Overview	12
6.2.2	Test data	12
6.2.3	Test anomalies and Non-Conformance Reports	12
6.2.4	Test performance	12
6.2.5	Status of the item under test	12
6.2.6	Ground Support Equipment status	12
6.2.7	Item under test configuration	13
6.2.8	Open points	13
6.3	Content of Test Review Board	13
6.3.1	Overview	13
6.3.2	Test documentation	13
6.3.3	Test performance	13
6.3.4	Test results	13
6.3.5	Status of the item under test	13
6.3.6	Open Non-Conformance Reports	14
6.3.7	Lessons to be drawn	14
7	Implement requirements for test reviews	14
Annex A (informative)	An example of a test readiness checklist	15
Annex B (informative)	TRR report plan	19
Bibliography	20	