

# ISO 18322:2017-10 (E)

## Space systems - General management requirements for space test centres

---

<b>Contents</b>		<b>Page</b>
Foreword .....		v
0	Introduction .....	vi
1	Scope .....	1
2	Normative references .....	1
3	Terms and definitions .....	1
4	Abbreviated terms .....	3
5	Space test centre management principles .....	3
5.1	Objective .....	3
5.2	General principles .....	3
6	Management requirements .....	4
6.1	General requirements .....	4
6.2	Documentation, records and data control .....	4
6.2.1	General .....	4
6.2.2	Facility description .....	5
6.3	Management responsibility .....	5
6.3.1	Organization .....	5
6.3.2	Planning .....	5
6.3.3	Responsibility and authority .....	5
6.3.4	Quality and safety representatives .....	5
7	Resource management .....	6
7.1	General .....	6
7.2	Competence, awareness and training .....	6
7.3	Infrastructure and work environment .....	7
7.3.1	General .....	7
7.3.2	Environment control .....	7
7.3.3	Cleanliness and contamination control .....	7
7.3.4	Site security and access control .....	8
8	Test facilities .....	9
8.1	Design and development of test facilities .....	9
8.2	Configuration control of test facilities .....	9
8.3	Calibration and maintenance control .....	10
8.3.1	Calibration of test facilities .....	10
8.3.2	Maintenance control of test facilities .....	11
8.4	Risk assessment of test facilities .....	11
8.5	Critical items control .....	12
9	Test process realization .....	13
9.1	Planning of the test process .....	13
9.2	Evaluation of customer requirements .....	13
9.3	Design and development of the test process .....	13
9.4	Test process and service provision .....	14
9.4.1	Facility test report .....	14
9.4.2	Validation of the test process and service provision .....	14

9.4.3	Test specimen .....	14
9.4.4	Handling, storage, transportation and preservation .....	15
9.5	Monitoring and measurement .....	15
9.5.1	Monitoring and measurement of test activities .....	15
9.5.2	Control and non-conformances .....	16
9.5.3	Lessons learned review .....	17
10	Safety .....	17
10.1	Safety programme .....	17
10.1.1	General .....	17
10.1.2	Accidents, incidents and emergencies .....	18
10.2	Safety policy and objectives .....	18
10.3	Safety manual of the space test centre .....	18
10.4	Safety management of test campaigns .....	18
Annex A (normative) Questionnaire on the use of hazardous items and operations - DRD .....		20
Bibliography .....		23