

# ISO 14620-2:2019-12 (E)

## Space systems - Safety requirements - Part 2: Launch site operations

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
Introduction .....		v
1	Scope .....	1
2	Normative reference .....	1
3	Terms and definitions .....	1
4	Operator's safety responsibilities .....	3
4.1	General .....	3
4.2	Occupational safety and health .....	4
4.3	Ground and environment safety .....	4
4.3.1	Ground safety operator .....	4
4.3.2	Ground safety operator responsibilities .....	4
4.3.3	Operator responsibilities .....	5
4.4	Flight safety .....	6
4.4.1	Flight safety operator .....	6
4.4.2	Flight safety operator responsibilities .....	6
4.4.3	Space vehicle operator responsibilities .....	7
5	Launch safety requirements .....	7
5.1	Safety risk expressions .....	7
5.2	Severity classes .....	8
5.3	Quantitative safety objectives .....	8
5.4	Qualitative safety principles .....	8
5.5	Qualitative ground safety principles .....	9
5.6	Qualitative flight safety principles .....	9
6	Launch safety process .....	10
6.1	Launch safety process requirement .....	10
6.2	Safety risk control .....	10
6.3	Procedure .....	11
6.4	Safety submission process .....	11
6.5	Processing of nonconformities .....	12
6.6	Safety training .....	12
6.6.1	General requirements .....	12
6.6.2	General safety training .....	12
6.6.3	Specific safety training by site .....	12
6.6.4	Particular safety training by speciality .....	13
6.6.5	Safety accreditation .....	13
6.6.6	Training of personnel assigned to safety responsibilities .....	13
6.7	Mishap investigation .....	13
7	Safety documentation .....	14
7.1	Structure .....	14
7.2	Safety regulations .....	14
7.3	Safety rules .....	14
7.4	Application documents .....	14
Annex A (informative)	Basic legislation -- International treaties and other legislative acts .....	15