

DIN ISO 22343-1:2025-04 (E)

Security and resilience - Vehicle security barriers - Part 1: Performance requirement, vehicle impact test method and performance rating (ISO 22343-1:2023)

Contents		Page
National foreword.....		4
National Annex NA (informative) Bibliography		5
Foreword.....		6
1	Scope	7
2	Normative references	7
3	Terms and definitions	8
4	VSB performance requirement	19
5	VSB documentation	20
	5.1 General.....	20
	5.2 Conformity between VSB and documentation.....	21
6	Test method	21
	6.1 Apparatus.....	21
	6.2 Test site.....	28
	6.3 Target impact point, initial contact point and impact angle.....	28
	6.3.1 Target impact point.....	28
	6.3.2 Initial contact point.....	29
	6.3.3 Impact angle.....	29
	6.4 VSB preparation.....	29
	6.4.1 General.....	29
	6.4.2 Installation.....	29
	6.4.3 Foundation.....	30
	6.4.4 Soil.....	31
	6.4.5 Markers.....	31
	6.5 Test vehicle preparation.....	31
	6.5.1 General.....	31
	6.5.2 Test vehicle dimensions.....	31
	6.5.3 Vehicle condition.....	31
	6.5.4 Ballast.....	32
	6.5.5 Reference points.....	32
	6.5.6 Occupant injury.....	32
	6.6 Impact speed.....	32
	6.7 Test procedure.....	33
	6.7.1 Pre-impact data.....	33
	6.7.2 Impact.....	36
	6.7.3 Impact data.....	36
	6.7.4 Post-impact data.....	36
	6.7.5 Disposal of the test vehicle.....	38
	6.8 Test report.....	38
	6.8.1 General.....	38
	6.8.2 Summary of results.....	40
7	Performance rating	41
	7.1 General.....	41

7.2	Classification code.....	41
8	Product information	42
Annex A	(normative) Test vehicle specification measurements	43
Annex B	(informative) Example of product and foundation drawings to be submitted to the test house	52
Annex C	(informative) Determination of post-impact access	56
Annex D	(informative) Post-impact measurements of foundation and VSB	58
Bibliography	61