

DIN EN 15433-6:2016-11 (E)

Transportation loads - Measurement and evaluation of dynamic-mechanica I loads - Part 6: Automatic recording systems for measuring randomly occurring shock during monitoring of transports

Contents		Page
European foreword		3
Introduction		4
1	Scope	5
2	Normative references	5
3	Terms and definitions	5
4	Requirements for automatic recording devices	7
4.1	Accelerometers	7
4.2	Signal processing	8
4.3	Recordings	8
4.3.1	Recording mode "event"	8
Figure 1 -- Shock event		8
4.3.2	Recording mode "plotter"	9
4.4	Storage modes	9
4.5	Time code	9
4.6	Power supply	10
4.7	Operating and display elements	10
4.8	Measuring range	10
4.9	Error limits	11
4.10	Saving of data	11
4.11	Evidence of calibration	11
4.12	Environmental conditions	11
5	Preparation for deployment	12
5.1	Mounting	12
5.2	Setting values	12
6	Analysis	13
Annex A(informative) Example set-up of shock recording equipment		15
Table A.1 -- Example set-up of a shock recording equipment		15