

ISO/TR 12353-3:2013-01 (E)

Road vehicles - Traffic accident analysis - Part 3: Guidelines for the interpretation of recorded crash pulse data to determine impact severity

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	References	1
3	Terms and definitions	1
4	Basic principles of crash pulse and derived measures	3
5	Guidelines for basic interpretation of crash pulse recorder data	5
5.1	General	5
5.2	Crash pulse definitions	6
5.3	Derived severity measures from crash pulse recorder output data	12
Annex A (informative) Extended application and calculations of impact severity parameters		13
Annex B (informative) Application and use of data recorded		27
Annex C (informative) Misuse, limitations and traps		33
Annex D (informative) Examples of measured acceleration and analysis		37
Annex E (informative) Calculation method for determination of t_0 and t_{end}, Methods A, B and C		44
Annex F (informative) Example pulses with calculated or measured characteristics according to the methods presented in this Technical Report		50
Bibliography		58