

ISO 7401:2003-02 (E)

Road vehicles - Lateral transient response tests methods - Open-loop test methods

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Principle	1
4	Reference system	2
5	Variables	3
6	Measuring equipment	3
6.1	Description	3
6.2	Transducer installation	3
6.3	Data processing	3
7	Test conditions	7
7.1	General	7
7.2	Test track	7
7.3	Weather conditions	7
7.4	Test vehicle	7
7.5	Warm-up	8
7.6	Test speed	8
8	Step input	9
8.1	Test procedure	9
8.2	Data analysis	9
8.3	Data presentation	9
9	Sinusoidal input -- One period (see ISO/TR 8725)	11
9.1	Test procedure	11
9.2	Data analysis	11
9.3	Data presentation	12
10	Random input (see ISO/TR 8726)	13
10.1	Test procedure	13
10.2	Data analysis	13
10.3	Data presentation	14
11	Pulse input	14
11.1	Test procedure	14
11.2	Data analysis	15
11.3	Data presentation	15
12	Continuous sinusoidal input	15
12.1	Test procedure	15
12.2	Data analysis	16
12.3	Data presentation	16

Annex A (normative) Test report -- General data	17
Annex B (normative) Test report -- Presentation of results	19
Bibliography	25