

DIN EN ISO 4254-7:2011-05 (E)

Agricultural machinery - Safety - Part 7: Combine harvesters, forage harvesters and cotton harvesters (ISO 4254-7:2008) (includes Corrigendum AC:2010)

Contents

	Page
Foreword.....	3
Introduction	5
1 Scope	6
2 Normative references	6
3 Terms and definitions.....	7
4 List of significant hazards	9
5 Safety requirements and/or measures for all machines.....	19
5.1 General.....	19
5.2 Controls	19
5.3 Operator's work station.....	20
5.4 Boarding means for other than operator's work station	27
5.5 Folding elements	28
5.6 Interchangeable and detachable harvesting devices	29
5.7 Automatic guidance systems	29
5.8 Hot surfaces	29
5.9 Service and maintenance.....	29
5.10 Fire hazard.....	30
5.11 Overhead power lines.....	31
5.12 Header drive	31
5.13 Header/feeding elements drive reverser	31
5.14 Noise	31
5.15 Hydraulic components and fittings.....	31
5.16 Electric equipment.....	31
6 Additional requirements for combine harvesters	32
6.1 General.....	32
6.2 Cabin	32
6.3 Cutting mechanism, feed augers, reel.....	32
6.4 Grain tank and grain handling systems	32
6.5 Maize harvesting attachment.....	34
6.6 Rear straw chopper, straw spreader and chaff spreader	36
6.7 Stone trap	38
6.8 Storage of sickle bars.....	38
7 Additional requirements for forage harvesters	39
7.1 Operator's work station.....	39
7.2 Infeed mechanism.....	39
7.3 Cutterhead drive	40
7.4 Alarm for run-down of cutterhead and blower	41
7.5 Knife sharpening device	41
8 Additional requirements for cotton harvesters	41
8.1 Harvest mechanism, feed augers, reel	41
8.2 Basket (cotton stripper and cotton picker)	41
8.3 Operating fluids	42
9 Verification of the safety requirements or protective measures	43

10	Information for use	45
10.1	Operator's manual	45
10.2	Marking	47
Annex A	(normative) Identification of hand controls by colour coding	48
Annex B	(normative) Noise measurement	49
Annex ZA	(informative) Relationship between this European Standard and the Essential Requirements of EU Directive 2006/42/EC	51
	Bibliography	52