

SUBJECT INDEX TO ASABE STANDARDS, ENGINEERING PRACTICES, AND DATA

See also numerical index of standards, engineering practices, and data on page 1159.

ASABE Notation:

The letters S, EP, and D designate the document classifications of Standard, Engineering Practice, and Data. The letter, T, after the numeric designation indicates Tentative Standard classification. The base 3-digit number has no significance. The digits following the decimal identify a specific technical revision of the original document. The month-year designation represents the most recent action on the document (adoption, revision, or reaffirmation). If the year is indicated with four digits it represents the adoption or last revision of the document. Parentheses following the four digit year indicate the year the document was last reaffirmed.

Examples: S318.14 SEP99	S = standard	.14 = fourteenth technical revision
D271.2 APR1979 (R2005)	318 = base number	SEP99 = last revision or reaffirmation
	D = data	.2 = second technical revision
	279 = base number	APR1979 = adoption or last revision (R2005) = last reaffirmation

NOTE: ASABE Standards, Engineering Practices, and Data are informational and advisory only. Their use by anyone engaged in industry or trade is entirely voluntary. The ASABE assumes no responsibility for results attributable to the application of these ASABE Standards, Engineering Practices, and Data. Conformity does not ensure compliance with applicable ordinances, laws and regulations. Prospective users are responsible for protecting themselves against liability for infringement of patents.

A

(Aerial application) Terminology and definitions for application of crop, animal, or forestry production and protection agents (S327.3 FEB2007)	171
Aerial application equipment, calibration and distribution pattern testing of agricultural (S386.2 FEB1988) (R2009)	243
*‡Agricultural equipment, Headlamps for (S608 AUG2008)	428
(Agricultural loaders) Procedure for determining recommended ballast and minimum rear wheel tread settings for agricultural tractors with agricultural front loaders (EP562 MAR2005)	396
(Agricultural loaders) Safety for agricultural front end loaders (S583 MAY2005)	414
(Air assist spraying) Procedure for measuring drift deposits from ground, orchard, and aerial sprayers (S561.1 APR2004) (R2009)	393
*‡Air quality systems for cabs-terminology and overview, Tractors and self-propelled machinery for agriculture (S613-1 FEB2009)	429
(Aircraft) Calibration and distribution pattern testing of agricultural aerial application equipment (S386.2 FEB1988) (R2009)	243
Airflow of grains, seeds, other agricultural products, and perforated metal sheets, Resistance to (D272.3 MAR1996) (R2007)	653
Alarm systems utilized in agricultural structures, Specifications for (S417.1 MAR1985) (R2008)	578
‡Anaerobic lagoons for animal waste management, Design of (EP403.3 DEC1998) (R2009)	808
‡Animal bone, Shear and three-point bending test of (S459 MAR1992) (R2002)	695
*‡Animal-drawn equipment, Lighting and marking of (EP576.1 JUL2008)	403
Application equipment, Calibration and distribution pattern testing of agricultural aerial (S386.2 FEB1988) (R2009)	243
Application of crop, animal, or forestry production and protection agents, Terminology and definitions for (S327.2 FEB2007)	171

*New standard since last publication.
 †Revised or reclassified standard since last publication.
 ‡Approved by ANSI as an American National Standard.
 §Earlier revision approved by ANSI as an American National Standard.

Applicators, Procedure for calibrating granular (EP371.2 MAR2002) (R2007)	228
(Applicators) Procedure for measuring drift deposits from ground, orchard, and aerial sprayers (S561.1 APR2004) (R2009)	393
(Atmospheric stability) Procedure for measuring drift deposits from ground, orchard, and aerial sprayers (S561.1 APR2004) (R2009)	393
(Attachment locking device) Safety for agricultural front end loaders (S583 MAY2005)	414
(Attachments) Safety for agricultural front end loaders (S583 MAY2005)	414
Auger conveying equipment, Safety for portable agricultural (S361.3 APR1990) (R2005)	210
Auger conveying equipment, Terminology and specification definitions for agricultural (S374 MAR1975) (R2006)	231
‡Auger flighting design considerations (EP389.2 JUN1993) (R2005)	247
Auxiliary power take-off drives, Agricultural tractor (S333.2 MAR1987) (R2005)	180

B

(Backflow) Safety devices for chemigation (EP409.1 MAR1989) (R2009)	1027
‡(Bale choppers) Safety for farmstead equipment (S354.5 JAN2006)	200
‡Balers, Baling wire for automatic (S229.6 DEC1976) (R2008)	105
‡Balers, Twine for automatic (S315.3 DEC2002) (R2008)	160
‡Baling wire for automatic balers (S229.6 DEC1976) (R2008)	105
Ballast and minimum rear wheel tread settings for agricultural tractors with agricultural front loaders, Procedure for determining recommended (EP562 MAR2005)	396
‡(Barn cleaners) Safety for farmstead equipment (S354.5 JAN2006)	200
Basins, Water and sediment control (S442 OCT1986) (R2008)	1050
‡Baskets, Capacity ratings and unloading dimensions for cotton harvester (S375.2 DEC1996) (R2009)	233
Belt and V-ribbed belt drives for agricultural machines,V- (S211.5 JUL1998) (R2008)	78
Bins, Agricultural pallet (S337.1 FEB1987) (R2008)	184

(Bins) Flow of grain and seeds through orifices (D274.1 JAN1992) (R2008)	660
(Bins) Ladders, cages, walkways and stairs (S412.1 MAR1990) (R2008)	828
‡Bins, Loads exerted by free-flowing grain on (EP433 DEC1988) (R2006)	841
Bins, Procedure for establishing volumetric capacities of cylindrical grain (S413.1 FEB1992) (R2008)	834
‡(Biobased) Terminology and definitions for biomass production, harvesting and collection, storage, processing, conversion and utilization (S593 MAY2006)	718
‡(Bioenergy) Terminology and definitions for biomass production, harvesting and collection, storage, processing, conversion and utilization (S593 MAY2006)	718
‡(Biofuels) Terminology and definitions for biomass production, harvesting and collection, storage, processing, conversion and utilization (S593 MAY2006)	718
‡Biomass production, harvesting and collection, storage, processing, conversion and utilization, Terminology and definitions for (S593 MAY2006)	718
‡(Biopower) Terminology and definitions for biomass production, harvesting and collection, storage, processing, conversion and utilization (S593 MAY2006)	718
‡Blade ductility test, Rotary mower (S483.1 NOV2005)	341
‡Blanchability, Method of determining peanut (S521 DEC1991) (R2007) ..	704
Blower pipe dimensions, Flanged steel (S347.1 MAR1981) (R2006)	199
Blowers, Dimensions for compatible operation of forage harvesters, forage transporters and forage (S328.3 JUL2003)	176
‡Bone, Shear and three-point bending test of animal (S459 MAR1992) (R2007)	695
Boxes, Safety for self-unloading forage (S373.1 FEB1994) (R2009)	230
‡Brackets and socket for warning lamp and slow-moving vehicle (SMV) identification emblem, Mounting (S277.2 FEB1972) (R2008)	113
‡(Brakes) Braking system test procedures and braking performance criteria for agricultural field equipment (S365.8 MAY2007)	214
‡(Braking) Safety for agricultural field equipment (S318.16 JUN2006)	164
(Braking) Safety for powered lawn and garden equipment (S440.3 MAR2005)	529
‡Braking system test procedures and braking performance criteria for agricultural field equipment (S365.8 MAY2007)	214
Brooding equipment, Installation of electric infrared (EP258.3 JUL1988) (R2009)	548
‡Buildings, Diaphragm design of metal-clad, wood-frame rectangular (EP484.2 JUN1998) (R2008)	872
(Buildings) Floor and suspended loads on agricultural structures due to use (EP378.3 FEB1987) (R2004)	770
‡Buildings, Guidelines for use of thermal insulation in agricultural (S401.2 FEB1993) (R2008)	805
‡Bunker (horizontal) silos, Design loads for (EP538.2 OCT2008)	904

*New standard since last publication.

†Revised or reclassified standard since last publication.

‡Approved by ANSI as an American National Standard.

§Earlier revision approved by ANSI as an American National Standard.

C

Cabs, Aperture for entry of electrical wiring into agricultural tractor (S434 MAR1990) (R2008)	281
*‡Cabs-Terminology and overview, Tractors and self-propelled machinery for agriculture-air quality systems for (S613-1 FEB2009)	429
Cages, walkways and stairs, Ladders (S412.1 MAR1990) (R2008)	828
Calibrating granular applicators, Procedure for (EP371.2 MAR2002) (R2007)	228
(Calibration) Yield monitor performance test standard (S578 JAN2007) ..	408
Calibration and distribution pattern testing of agricultural aerial application equipment (S386.2 FEB1988) (R2009)	243
Calibration procedures, Guide for preparing field sprayer (EP367.2 MAR1991) (R2008)	225
‡Canal linings, Concrete slip-form (S289.2 FEB1998) (R2009)	960
(Canals) Installation of flexible membrane linings (EP340.2 MAR1986) (R2008)	977
Capacities of cylindrical grain bins, Procedure for establishing volumetric (S413.1 FEB1992) (R2008)	834
Capacities, Tower silos: unit weight of silage and silo (D252.1 MAR1982) (R2005)	722
‡Capacity and performance test procedure, Combine (S396.2 APR1990) (R2009)	254
Capacity designation for fertilizer and pesticide hoppers and containers (S281.3 APR1987) (R2009)	126
‡Capacity and unloading device performance, Equipment for harvesting—combine harvesters—determination and designation of grain tank (ISO 5687:1999) FEB2004 (R2009)	502
Capacity of box type manure spreaders—dual rating method, Volumetric (S324.1 APR1986) (R2008)	168
Capacity of closed tank type manure spreaders, Volumetric (S326.1 JAN1989) (R2009)	170
Capacity of forage wagons, wagon boxes, and forage handling adaptations of manure spreaders, Volumetric (S238.1 APR1986) (R2006)	109
Capacity of open tank type manure spreaders, Volumetric (S325.1 JAN1989) (R2009)	169
‡Capacity ratings and unloading dimensions for cotton harvester baskets (S375.2 DEC1996) (R2009)	233
(Capacity) Test procedure and performance criteria for the under-carriage load carrying ability of farm materials transport equipment (S360.1 FEB2004) (R2009)	207
(Carbon dioxide) Shelled corn storage time for 0.5% dry matter loss (D535 MAY2005)	706
‡Chain for towed equipment, Field equipment for agriculture—safety (S338.5 MAY2006)	187
(Channel) Planning, design and construction of diversions (EP492 JAN2008) (R2008)	1097
Channels, Agricultural drainage outlets—open (EP407.1 MAR1990) (R2008)	1017
(Chemical) Terminology and definitions for application of crop, animal, or forestry production and protection agents (S327.3 FEB2007)	171
(Chemicals) Calibration and distribution pattern testing of agricultural aerial application equipment (S386.2 FEB1988) (R2009)	243

(Chemicals) Safety devices for chemigation (EP409.1 MAR1989) (R2009)	1027
(Chemicals) Spray nozzle classification by droplet spectra (S572 FEB04)	398
(Chemigation) Design and installation of microirrigation systems (EP405.1 APR1988) (R2008)	1012
Chemigation, Safety devices for (EP409.1 MAR1989) (R2009)	1027
Chisel plow, field and row crop cultivator shanks and ground tool mountings (S225.1 FEB1973) (R2009)	102
‡Classifications of agricultural-field equipment, Definitions and (S390.4 JAN2005)	249
(Clutch) Power take-off definitions and terminology for agricultural tractors (S205.2 DEC1978) (R2009)	75
‡Collapsible emitting hose (drip tape)—specifications and performance (S553 DEC2000) (R2008)	1135
Color code for educational and training laboratories, Safety (EP415.2 NOV1997) (R2008)	50
Color coding hand controls (EP443.1 FEB04)	298
(Color) Safety signs (S441.3 FEB1999) (R2005)	283
‡Columns, Design requirements and bending properties for mechanically laminated (EP559 DEC1996) (R2008)	916
‡Combine capacity and performance test procedure (S396.2 APR1990) (R2009)	254
‡Combine harvesters—determination and designation of grain tank capacity and unloading device performance, Equipment for harvesting (ISO 5687:1999 FEB2004) (R2009)	502
‡Combine harvester tire loading and inflation pressures (S385.5 JAN1993) (R2003)	237
‡Combines and grain harvesting, Terminology for (S343.3 APR1990) (R2009)	194
‡(Communication) Hand signals for use in agriculture (S351 FEB1972) (R2007)	45
(Compaction) Soil cone penetrometer (S313.3 FEB1999) (R2009)	975
(Compaction) Procedures for using and reporting data obtained with the soil cone penetrometer (EP542 FEB1999) (R2009)	1132
Compression test of food materials of convex shape (S368.4 DEC2000) (R2008)	679
‡Concrete irrigation pipe systems, Design and installation of nonreinforced (S261.7 FEB1989) (R2006)	944
‡Concrete slip-form canal linings (S289.2 FEB1998) (R2009)	960
‡Containers from pesticides and pesticide-related products, Recycling plastic (S596 FEB2006)	929
‡Control devices to lawn and garden ride-on tractor attachments and implements, Application of remote linear (S377 DEC1974) (R2005)	523
Controller, Test procedure for measuring the output characteristics of an electric fence (S500 MAR1990) (R2005)	587
§Controls and displays on agricultural equipment, Graphical symbols for operator (S304.8 MAY2006)	155

*New standard since last publication.

†Revised or reclassified standard since last publication.

‡Approved by ANSI as an American National Standard.

§Earlier revision approved by ANSI as an American National Standard.

‡Controls and other displays—Part 1: Common symbols, Tractors, machinery for agriculture and forestry, powered lawn and garden equipment—Symbols for operator (ISO 3767-1:1998 MAY2006)	459
‡Controls and other displays—Part 2: Symbols for agricultural tractors and machinery, Tractors, machinery for agriculture and forestry, powered lawn and garden equipment – Symbols for operator (ISO 3767-2:1998 W/Amd. 1-3 MAY2006)	473
Controls, Color coding hand (EP443.1 FEB04)	298
Controls on agricultural equipment, Operator (S335.4 FEB04)	181
‡(Controls) Safety for agricultural field equipment (S318.16 JUN2006)	164
(Controls) Safety for powered lawn and garden equipment (S440.3 MAR2005)	529
(Conversion factors) Use of SI (metric) units (EP285.7 MAR1988) (R2006)	30
Conveying equipment, Safety for portable agricultural auger (S361.3 APR1990) (R2005)	210
Conveying equipment, Terminology and specification definitions for agricultural auger (S374 MAR1975) (R2006)	231
‡(Conveyor) Pallet load transfer system for vegetable harvesters, shuttle vehicles, and road trucks (S515 JAN1993) (R2008)	372
‡(Conveyors) Auger flighting design considerations (EP389.2 JUN1993) (R2005)	247
‡Cooling greenhouses, Heating, ventilating and (EP406.4 JAN2003) (R2008)	813
Corn storage time for 0.5% dry matter loss, Shelled (D535 MAY2005)	706
(Costs) Agricultural machinery management (EP496.3 FEB2006)	354
(Costs) Agricultural machinery management data (D497.5 FEB2006)	360
Cotton drying systems, Temperature sensor locations for seed (S530.1 AUG2007)	392
Cotton Gins - method of utilizing emission factors in determining emission parameters (S582 MAR2005)	711
‡Cotton harvester baskets, Capacity ratings and unloading dimensions for (S375.2 DEC1996) (R2009)	233
‡Cotton module builder and transporter standard (S392.2 APR2005)	252
‡Coupler, Agricultural wheeled tractors and implements—Three-point hitch coupler—Part 1:U-frame (S278.7 JUL03)	115
‡Couplers for lawn and garden tractors. Dimensions for cylindrical hydraulic (S418 APR1983) (R2005)	525
‡Couplers, agricultural tractors and machinery-general purpose quick-action hydraulic (S366.2 MAY2004) (R2009)	222
‡Crops, Thin-layer drying of agricultural (S448.1 JUL2001) (R2006)	692
Crumbles—definitions and methods for determining density, durability, and moisture content, Cubes, pellets and (S269.4 DEC1991) (R2007)	650
Cubes, pellets, and crumbles—definitions and methods for determining density, durability, and moisture content (S269.4 DEC1991) (R2007)	650
Cultivator shanks and ground tool mountings, Chisel plow, field and row crop (S225.1 FEB1973) (R2009)	102

D

Dairy housing, freestalls, feedbunks, and feeding fences, Terminology and recommendations for free stall (EP444.1 DEC1999) (R2005)	845
(Dairy) Milking machine installations—construction and performance (S518.2 JUL1996) (R2003)	377

(Dairy) Milking machine installations—vocabulary (S300.4 FEB2008)	136
(Dairy) Test equipment and its application for measuring milking machine operating characteristics (EP445.1 JUL1996) (R2003)	299
(Definitions) Agricultural rotary mower safety (S474.1 FEB1999) (R2009)	325
‡(Definitions) for biomass production, harvesting and collection, storage, processing, conversion and utilization, Terminology and (S593 MAY2006)	718
Definitions and methods for determining density, durability, and moisture content, Cubes, pellets, and crumbles (S269.4 DEC1991) (R2007)	650
Definitions and terminology for agricultural tractors, Power take-off (S205.2 DEC1978) (R2009)	75
‡(Definitions) Braking system test procedures and braking performance criteria for agricultural field equipment (S365.8 MAY2007)	214
‡(Definitions) Lawn and garden ride on (riding) tractors—Three-point hitch (ISO 9191:1991 OCT2001) (R2007)	541
(Definitions) Construction and rating of equipment for drying farm crops (S248.3 MAR1976) (R2005)	639
(Definitions) Design and installation of microirrigation systems (EP405.1 APR1988) (R2008)	1012
‡(Definitions) Design and installation of nonreinforced concrete irrigation pipe systems (S261.7 FEB1989) (R2006)	944
‡(Definitions) Design requirements and bending properties for mechanically laminated columns (EP559 DEC1996) (R2008)	916
(Definitions) Evaluation of irrigation furrows (EP419.1 FEB1993) (R2008)	1030
Definitions for agricultural auger conveying equipment, Terminology and specification (S374 MAR1975) (R2006)	231
Definitions for agricultural tillage implements, Terminology and (S414.1 FEB04)	257
Definitions for soil tillage and soil-tool relationships, Terminology and (EP291.3 FEB2005) (R2009)	128
‡(Definitions) Guidelines for measuring and reporting environmental parameters for plant experiments in growth chambers (EP411.4 MAR2002) (R2007)	822
†(Definitions) Guidelines for selection of energy efficient agricultural ventilation fans (EP566.1 AUG2008)	589
‡(Definitions) Installation and maintenance of farm standby electric power (EP364.3 NOV2006)	560
‡(Definitions) Lawn and garden ride on (riding) tractors—One point tubular sleeve hitch (ISO 9192:1991 OCT2001) (R2007)	544
‡(Definitions) and classifications of agricultural field equipment (S390.4 JAN2005)	249
‡(Definitions) of powered lawn and garden equipment (S323.2 JUN1983) (R2005)	520
(Definitions) Operating requirements for tractors and power take-off driven implements (S207.12 MAR1994) (R2009)	76
(Definitions) Polyethylene pipe used for microirrigation laterals (S435 DEC1985) (R2009)	1040
‡(Definitions) Recycling plastic containers from pesticides and pesticide-related products (S596 FEB2006)	929

*New standard since last publication.

†Revised or reclassified standard since last publication.

‡Approved by ANSI as an American National Standard.

§Earlier revision approved by ANSI as an American National Standard.

*(Definitions) Rollover protective structures (ROPS) for wheeled agricultural tractors (SAE J1194 MAY1989) (R2008)	440
‡(Definitions) Safety for agricultural field equipment (S318.16 JUN2006)	164
(Definitions) Soil and water terminology (S526.3 SEP2007)	1104
§(Definitions) Technical publications for agricultural equipment (EP363.1 DEC1982) (R2008)	212
(Definitions) Temperature sensor locations for seed-cotton drying systems (S530.1 AUG2007)	392
(Definitions) Three-point free-link attachment for hitching implements to agricultural wheel tractors (S217.12 DEC2001) (R2007)	92
(Definitions) Uniform terminology for agricultural machinery management (S495.1 NOV2005)	352
(Definitions) Uniform terminology for rural waste management (S292.5 OCT1994) (R2009)	746
‡(Definitions) Wiring and equipment for electrically driven or controlled irrigation machines (S362.2 JAN1983) (R2005)	555
Density, durability, and moisture content, Cubes, pellets, and crumbles—definitions and methods for determining (S269.4 DEC1991) (R2007)	650
†Design loads for bunker (horizontal) silos (EP538.2 OCT2008)	904
‡Design of anaerobic lagoons for animal waste management (EP403.3 DEC1998) (R2009)	808
(Deterioration) Shelled corn storage time for 0.5% dry matter loss (D535 MAY2005)	706
Diaphragms, Load tests for metal-clad wood-frame (EP558 DEC1998) (R2009)	910
Dielectric properties of grain and seed (D293.2 JUN1989) (R2005)	662
Diesel engines with alternative fuels derived from biological materials, Reporting of fuel properties when testing (EP552 JAN1996) (R2007)	708
Disk harrows, Determining cutting width and designated weight of (S290.2 DEC2004)	127
§Displays on agricultural equipment, Graphic symbols for operator controls and (S304.8 MAY2006)	155
‡Displays—Part 1: Common symbols, Tractors, machinery for agriculture and forestry, powered lawn and garden equipment – Symbols for operator, Controls and other (ISO 3767-1:1998 MAY2006)	459
‡Displays—Part 2: Symbols for agricultural tractors and machinery, Tractors, machinery for agriculture and forestry, powered lawn and garden equipment - Symbols for operator, Controls and other (ISO 3767-2:1998 W/Amd. 1-3 MAY2006)	473
Distribution pattern testing of agricultural aerial application equipment, Calibration and (S386.2 FEB1988) (R2009)	243
Distribution uniformity and calibrating granular broadcast spreaders, Procedure for measuring (S341.3 FEB1999) (R2004)	190
Diversions, Planning, design and construction of (EP492 JAN2008)	1097
Drain restoration after utility construction (EP511 DEC2003) (R2009)	1099
Drainage in humid regions, Design, installation and operation of water table management systems for subirrigation/controlled (EP479 MAR1990) (R2005)	1072
Drainage outlets—open channels, Agricultural (EP407.1 MAR1990) (R2008)	1017
Drainage systems, Prevention of mosquito problems associated with irrigation and (EP267.7 NOV1996) (R2008)	950
Drainage pumping plants, Design of agricultural (EP369.1 DEC1987) (R2005)	981

(Drainage) Soil and water terminology (S526.3 SEP2007)	1104
‡Drainage systems on agricultural lands in humid areas, Design and construction of surface (EP302.4 FEB1993) (R2008)	967
Drains in arid and semiarid areas, Design, construction, and maintenance of subsurface (EP463.1 AUG1995) (R2008)	1053
Drains in humid areas, Design of subsurface (EP480 MAR1998) (R2008)	1077
Drains in humid areas, Construction of subsurface (EP481 MAR1988) (R2008)	1090
‡Drawbar, Lawn and garden ride-on (riding) tractors (ISO 9190:1990 OCT2001) (R2007)	539
Drawbars—Agricultural wheel tractors (S482 MAR1994) (R2004)	339
(Drawbars) Operating requirements for tractors and power take-off driven implements (S207.12 MAR1994) (R2009)	76
‡(Drawbar) Field-equipment for agriculture - safety chain for towed equipment (S338.5 MAY2006)	187
Drift deposits from ground, orchard, and aerial sprayers, Procedures for measuring (S561.1 APR2004) (R2009)	393
Drills and seeders, Terminology for soil-engaging components for conservation-tillage planters, (S477 APR1989) (R2007)	333
‡Drip-tape—specifications and performance testing, Collapsible emitting hose (S553 DEC2000) (R2008)	1135
‡Drive shafts-strength and wear tests and acceptance criteria, Tractors and machinery for agricultural and forestry-Guards for power take-off (PTO) (S522.1 JAN 2005)	383
‡Driveline specifications, Implement power take-off (S331.5 MAR1995) (R2005)	179
Droplet spectra, Spray nozzle classification by (S572 FEB2004)	398
Dry matter loss, Shelled corn storage time for 0.5% (D535 MAY2005)	706
(Drying) Energy efficiency of peanut curing systems (S488 MAR1990) (R2005)	699
Drying farm crops, Construction and rating of equipment for (S248.3 MAR1976) (R2005)	639
‡Drying of agricultural crops, Thin-layer (S448.1 JUL2001) (R2006)	692
(Drying) Resistance to airflow of grains, seeds, other agricultural products, and perforated metal sheets (D272.3 MAR1996) (R2007)	653
Drying systems, Temperature sensor locations for seed-cotton (S530.1 AUG2007)	392
Durability, and moisture content, Cubes, pellets, and crumbles—definitions and methods for determining density, (S269.4 DEC1991) (R2007)	650
E	
Educational and training laboratories, Safety color code for (EP415.2 NOV1997) (R2008)	50
(Efficiency) Agricultural machinery management data (D497.5 FEB2006)	360

*New standard since last publication.

†Revised or reclassified standard since last publication.

‡Approved by ANSI as an American National Standard.

§Earlier revision approved by ANSI as an American National Standard.

‡(Electric) Application of remote linear control devices to lawn and garden ride-on tractor attachments and implements (S377 DEC1974) (R2005)	523
(Electric) Equipotential plane in livestock containment areas (EP473.2 JAN2001) (R2006)	581
Electric fence controller, Installation of (EP568 APR1997) (R2007)	594
Electric fence controller, Test procedure for measuring the output characteristics of an (S500 MAR1990) (R2005)	587
Electric infrared brooding equipment, Installation of (EP258.3 JUL1988) (R2009)	548
‡Electric power, Installation and maintenance of farm standby (EP364.3 NOV2006)	560
Electrical demands for farms, Computing (EP294.3 SEP2003) (R2009)	550
‡Electrical/electronic components, Environmental considerations in development of mobile agricultural (EP455 DEC1990) (R2008)	305
(Electrical) Safety for electrically heated livestock waterers (EP342.2 MAR1995) (R2005)	553
‡Electrical service and equipment for irrigation (S397.3 OCT2007)	569
(Electrical) Single-phase rural distribution service for motors and phase converters (EP329.2 OCT2007)	551
(Electrical) Uniform terminology for livestock production facilities (S501 APR1990) (R2006)	893
‡(Electrical) Wiring and equipment for electrically driven or controlled irrigation machines (S362.2 JAN1983) (R2005)	555
‡Electronic components, Environmental considerations in development of mobile agricultural electrical/ (EP455 DEC1990) (R2008)	305
‡Emblem, Mounting brackets and socket for warning lamp and slow moving vehicle (SMV) identification (S277.2 FEB1972) (R2008)	113
‡Emblem (SMV Emblem), Slow moving vehicle identification (S276.6 JAN2005)	110
Emission factors in determining emission parameters, Cotton gins - methods of utilizing (S582 MAR2005)	711
‡(Emitter) Collapsible emitting hose (drip tape)—specifications and performance testing (S553 DEC2000) (R2008)	1135
‡Enclosure environment - Part 1: Vocabulary, Tractors and self-propelled machines for agriculture and forestry – Operator (ISO 14269-1:1997 SEP2006)	504
‡Enclosure environment – Part 2: Heating, ventilation and air-conditioning test method and performance, Tractors and self-propelled machines for agriculture and forestry – Operator (ISO 14269-2:1997 SEP2006)	506
‡Enclosure environment – Part 3: Determination of effect of solar heating, Tractors and self-propelled machines for agriculture and forestry – Operator (ISO 14269-3:1997 SEP2006)	510
‡Enclosure environment – Part 4: Air filter element test method, Tractors and self-propelled machines for agriculture and forestry – Operator (ISO 14269-4:1997 SEP2006)	512
‡Enclosure environment – Part 5: Pressurization system test method, Tractors and self-propelled machines for agriculture and forestry-Operator (ISO 14269-5:1997 SEP2006)	517
(Energy) Agricultural machinery management (EP496.3 FEB2006)	354
(Energy) Agricultural machinery management data (D497.5 FEB2006)	360
(Energy) Computing electrical demands for farms (EP294.3 SEP2003) (R2009)	550

(Energy) Construction and rating of equipment for drying farm crops (S248.3 MAR1976) (R2005)	639
(Energy) Design of ventilation systems for poultry and livestock shelters (EP270.5 DEC1986) (R2008)	724
†Energy efficient agricultural ventilation fans, Guidelines for selection of (EP566.1 AUG2008)	589
(Energy efficient) Agricultural ventilation constant speed fan test procedure (S565 OCT2005)	925
Energy efficiency of peanut curing systems (S488 MAR1990) (R2005)	699
*‡(Engineering control) Tractors and self-propelled machinery for agriculture—Air quality systems for cabs—Terminology and overview (S613-1 FEB2009)	429
Engines with alternative fuels derived from biological materials, Reporting of fuel properties when testing diesel (EP552 JAN1996) (R2007)	708
*‡(Environment) Tractors and self-propelled machinery for agriculture—Air quality systems for cabs—Terminology and overview (S613-1 FEB2009)	429
‡Environment – Part 1: Vocabulary, Tractors and self-propelled machines for agriculture and forestry – Operator enclosure (ISO 14269-1:1997 SEP2006)	504
‡Environment – Part 2: Heating, ventilation and air-conditioning test method and performance, Tractors and self-propelled machines for agriculture and forestry – Operator enclosure (ISO 14269-2:1997 SEP2006)	506
‡Environment – Part 3: Determination of effect of solar heating, Tractors and self-propelled machines for agriculture and forestry – Operator enclosure (ISO 14269-3:1997 SEP2006)	510
‡Environment – Part 4: Air filter element test method, Tractors and self-propelled machines for agriculture and forestry – Operator enclosure (ISO 14269-4:1997 SEP2006)	512
‡Environment – Part 5: Pressurization system test method, Tractors and self-propelled machines for agriculture and forestry – Operator enclosure (ISO 14269-5:1997 SEP2006)	517
‡(Environment) Guidelines for measuring and reporting environmental parameters for plant experiments in growth chambers (EP411.4 MAR2002) (R2007)	822
†(Environment) Guidelines for selection of energy efficient agricultural ventilation fans (EP566.1 AUG2008)	589
‡(Environmental protection) Best management practices for boom spraying (S592 JAN2007)	421
‡Equipment, Definitions and Classifications of agricultural field (S390.4 JAN2005)	249
‡Equipment, Definitions of powered lawn and garden (S323.2 JUN1983) (R2005)	520
‡Equipment, Safety for farmstead (S354.5 JAN2006)	200
‡Equipment, Lighting and marking of animal-drawn (EP576.1 JUL2008)	403
‡Erosion and sediment control plans for land disturbing activities, Mapping symbols and nomenclature for (S422 SEP1993) (R2005)	1036
‡(Erosion) Design and construction of surface drainage systems on agricultural lands in humid areas (EP302.4 FEB1993) (R2008)	967

*New standard since last publication.

†Revised or reclassified standard since last publication.

‡Approved by ANSI as an American National Standard.

§Earlier revision approved by ANSI as an American National Standard.

(Erosion) Design, layout, construction and maintenance of terrace systems (S268.4 APR1992) (R2008)	954
(Erosion) Soil and water terminology (S526.3 SEP2007)	1104
(Erosion) Water and sediment control basins (S442 OCT1986) (R2008)	1050
‡Experiments in growth chambers, Guidelines for measuring and reporting environmental parameters for plant (EP411.4 MAR2002) (R2007)	822
Experiments, Planning and reporting tillage (EP236.2 JUL2007)	106

F

Facilities, Lighting systems for agricultural (EP344.3 JAN2005)	758
Fan test standard, Agricultural ventilation constant speed (S565 OCT2005)	925
†Fans, Guidelines for selection of energy efficient agricultural ventilation (EP566.1 AUG2008)	589
‡Farmstead equipment, Safety for (S354.5 JAN2006)	200
(Fasteners) T-hook slots for securement in shipment of agricultural equipment (S356.1 MAR1980) (R2006)	206
Feedbunks, and feeding fences, Terminology and recommendations for freestall dairy housing, freestalls (EP444.1 DEC1999) (R2005)	845
‡‡Feed materials by sieving, Method of determining and expressing fineness of (S319.4 FEB2008)	672
‡Feeds, Test procedure for solids-mixing equipment for animal (S303.4 SEP2007)	149
Fence controllers, Installation of electric (EP568 APR1997) (R2007)	594
Fence controller, Test procedure for measuring the output characteristics of an electric (S500 MAR1990) (R2005)	587
(Fertilizer) Spray nozzle classification by droplet spectra (S572 FEB2004)	398
Fertilizer and pesticide hoppers and containers, Capacity designation for (S281.3 APR1987) (R2009)	126
*‡(Filters) Tractors and self-propelled machinery for agriculture—Air quality systems for cabs—Terminology and overview (S613-1 FEB2009)	429
‡Filters for irrigation—testing and performance reporting, Media (S539 MAR1994) (R2008)	1126
‡(Fire protection) Safety for agricultural field equipment (S318.16 JUN2006)	164
(Fire) Safety for powered lawn and garden equipment (S440.3 MAR2005)	529
‡Flighting design considerations, Auger (EP389.2 JUN1993) (R2005)	247
(Flooding) Grassed waterway for runoff control (EP464 DEC2006)	1067
Floor and suspended loads on agricultural structures due to use (EP378.3 FEB1987) (R2004)	770
(Flow sensor) Yield monitor performance test standard (S578 JAN2007)	408
Flow of grain and seeds through orifices (D274.1 JAN1992) (R2008)	660
Food materials of convex shape, Compression test of (S368.4 DEC2000) (R2008)	679
‡(Food) Method of determining peanut blanchability (S521 DEC1991) (R2007)	704
(FOPS) Overhead protection for agricultural tractors—test procedures and performance requirements (SAE J167 JUL1970) (R2008)	434
Forage boxes, Safety for self-unloading (S373.1 FEB1994) (R2009)	230

(Forage) Flanged steel blower pipe dimensions (S347.1 MAR1981) (R2006)	199
‡Forage harvester test data for varying crop moisture, Adjusting (EP502 DEC1990) (R2007)	368
‡Forage harvesters and forage harvesting, Terminology for (S472 DEC1986) (R2007)	321
Forage harvesters, forage transporters and forage blowers, Dimensions for compatible operation of (S328.3 JUL2003)	176
‡Forage materials by screening, Method of determining and expressing particle size of chopped (S424.1 MAR1992) (R2007)	689
Forage wagons, wagon boxes, and forage handling adaptations of manure spreaders, Volumetric capacity of (S238.1 APR1986) (R2006)	109
Forages, Friction coefficients of chopped (D251.2 APR2003) (R2008)	648
Forages, Moisture measurement (S358.2 DEC1988) (R2008)	678
‡Foundation design, Shallow post (EP486.1 DEC1999) (R2005)	883
Friction coefficients of chopped forages (D251.2 APR2003) (R2008)	648
Front-end agricultural loader ratings (S301.4 FEB2006)	146
Front-end loaders, Safety practices for agricultural (S355.3 DEC2002) (R2008)	205
(Front-end) Procedure for determining recommended ballast and minimum rear wheel tread settings for agricultural tractors with agricultural front loaders (EP562 MAR2005)	396
Front-end loaders, Safety for agricultural (S583 MAY2005)	414
(Fuel) Agricultural machinery management data (D497.5 FEB2006)	360
Fuels derived from biological materials, Reporting of fuel properties when testing diesel engines with alternative (EP552 JAN1996) (R2007)	708
Furrows, Evaluation of irrigation (EP419.1 FEB1993) (R2008)	1030

G

(Gases) Manure storage safety (EP470 JAN1992) (R2005)	863
‡(Generators) Installation and maintenance of farm standby electric power (EP364.3 NOV2006)	560
Grain and grain products, Thermal properties of (D243.4 MAY2003) (R2008)	601
Grain and seed, Dielectric properties of (D293.2 JUN1989) (R2005)	662
Grain and seeds, Moisture measurement—unground (S352.2 APR1988) (R2008)	676
Grain and seeds through orifices, Flow of (D274.1 JAN1992) (R2008)	660
Grain bins, Procedure for establishing volumetric capacities of cylindrical (S413.1 FEB1992) (R2008)	834
‡Grain for storage, Density, specific gravity, and mass-moisture relationships of (D241.4 OCT1992) (R2008)	598
‡Grain harvesting, Terminology for combines and (S343.3 APR1990) (R2009)	194
‡Grain on bins, Loads exerted by free-flowing (EP433 DEC1988) (R2006)	841

*New standard since last publication.
†Revised or reclassified standard since last publication.
‡Approved by ANSI as an American National Standard.
§Earlier revision approved by ANSI as an American National Standard.

‡Grain on shallow storage structures, Loads exerted by free-flowing (EP545 MAR1995) (R2005)	906
‡Grain tank capacity and unloading device performance, Equipment for harvesting—combine harvesters—determination and designation of (ISO 5687:1999 FEB2004) (R2009)	502
(Grains) Moisture relationships of plant-based agricultural products (D245.6 OCT2007)	604
Grains, seeds, other agricultural products, and perforated metal sheets, Resistance to airflow of (D272.3 MAR1996) (R2007)	653
Granular applicators, Procedure for calibrating (EP371.2 MAR2002) (R2007)	228
Granular broadcast spreaders, Procedure for measuring distribution uniformity and calibrating (S341.3 FEB1999) (R2004)	190
Grassed waterway for runoff control (EP464 DEC2006)	1067
Greenhouse design and layout, Commercial (EP460 JUL1993) (R2004)	853
‡Greenhouses, Heating, ventilating and cooling (EP406.4 JAN2003) (R2008)	813
(Ground sprayer) Terminology and definitions for application of crop, animal, or forestry production and protection agents (S327.3 FEB2007)	171
(Grounding) Specifications for lightning protection (EP381.1 JUL1988) (R2005)	776
‡Growth chambers, Guidelines for measuring and reporting environmental parameters for plant experiments in (EP411.4 MAR2002) (R2007)	822
(Guarding) Agricultural rotary mower safety (S474.1 FEB1999) (R2009)	325
‡Guarding for agricultural equipment (S493.1 JUL2003) (R2008)	348
‡(Guarding) Pallet load transfer system for vegetable harvesters, shuttle vehicles, and road trucks (S515 JAN1993) (R2008)	372
‡(Guarding) Safety for agricultural field equipment (S318.16 JUN2006)	164
‡(Guarding) Safety for farmstead equipment (S354.5 JAN2006)	200
‡(Guarding) Safety for portable agricultural auger conveying equipment (S361.3 APR1990) (R2005)	210
‡Guards for power take-off (PTO) drive shafts—strength and wear tests and acceptance criteria, Tractors and machinery for agricultural and forestry (S522.1 JAN2005)	383

H

‡Hand signals for use in agriculture (S351 FEB1972) (R2007)	45
Harrows, Determining cutting width and designated mass of disk (S290.2 DEC2004)	127
‡Harvester baskets, Capacity ratings and unloading dimensions for cotton (S375.2 DEC1996) (R2009)	233
‡Harvester test data for varying crop moisture, Adjusting (EP502 DEC1990) (R2007)	368
‡Harvester tire loading and inflation pressures, Combine (S385.5 JAN1993) (R2003)	237
‡Harvesters and forage harvesting, Terminology for forage (S472 DEC1986) (R2007)	321
Harvesters, forage transporters and forage blowers, Dimensions for compatible operation of forage (S328.3 JUL2003)	176
‡Harvesters, shuttle vehicles, and road trucks, Pallet load transfer system for vegetable (S515 JAN1993) (R2008)	372

‡(Harvesting) Combine capacity and performance test procedure (S396.2 APR1990) (R2009)	254
‡Harvesting, Terminology for combines and grain (S343.3 APR1990) (R2009)	194
‡Harvesting—combine harvesters—determination and designation of grain tank capacity and unloading device performance, Equipment for (ISO 5687:1999 FEB2004) (R2009)	502
*‡Headlamps for agricultural equipment (S608 AUG2008)	428
‡Heaters, Thermal performance testing of solar ambient air (S423 DEC1991) (R2007)	838
‡Heating, ventilating and cooling greenhouses (EP406.4 JAN2003) (R2008)	813
(Hitch) Drawbars—agricultural wheel tractors (S482 MAR1994) (R2004) ..	339
(Hitch) Agricultural wheeled tractors—front-mounted linkage (S513 MAR1990) (R2003)	370
‡Hitch couplers—Part 1:U-frame coupler, Agricultural wheeled tractors and implements—Three-point (S278.7 JUL03)	115
‡(Hitch) Field equipment for agriculture—safety chain for towed equipment (S338.5 MAY2006)	187
Hitch, Test procedure for measuring hydraulic lift capacity on agricultural tractors equipped with three-point (SAE J283 SEP1983) (R2008)	436
(Hitches) Operating requirements for tractors and power take-off driven implements (S207.12 MAR1994) (R2009)	76
Hitching implements to agricultural wheel tractors, Three-point free-link attachment for (S217.12 DEC2001) (R2007)	92
‡Hitch, Lawn and garden ride-on (riding) tractors-three-point (ISO 9191:1991 OCT2001) (R2007)	541
‡(Hitching) Lawn and garden ride-on (riding) tractors-one-point tubular sleeve hitch (ISO 9192:1991 OCT2001) (R2007)	544
Hoppers and containers, Capacity designation for fertilizer and pesticide (S281.3 APR1987) (R2009)	126
‡Humid areas, Design and construction of surface drainage systems on agricultural lands in (EP302.4 FEB1993) (R2008)	967
*‡(HVAC) Tractors and self-propelled machinery for agriculture-Air quality systems for cabs-Terminology and overview (S613-1 FEB2009)	429
‡(Hydraulic) Application of remote linear control devices to lawn and garden ride-on tractor attachments and implements (S377 DEC1974) (R2005)	523
(Hydraulic circuits) Safety for agricultural front end loaders (S583 MAY2005)	414
‡Hydraulic couplers, Agricultural tractors and machinery-General purpose quick-action (S366.2 MAY2004) (R2009)	222
Hydraulic couplers for lawn and garden tractors, Dimensions for cylindrical (S418 APR1983) (R2005)	525
Hydraulic lift capacity on agricultural tractors equipped with three-point hitch, Test procedure for measuring (SAE J283 SEP1983) (R2008)	436
Hydraulic pressure available on agricultural tractors for remote use with implements (S489 MAR1988) (R2008)	346

*New standard since last publication.

†Revised or reclassified standard since last publication.

‡Approved by ANSI as an American National Standard.

§Earlier revision approved by ANSI as an American National Standard.

‡Implement power take-off driveline specifications (S331.5 MAR1995) (R2005)	179
Implement mounted, screw-type jacks (S485.1 APR2007)	343
Implements, Hydraulic pressure available on agricultural tractors for remote use with (S489 MAR1988) (R2008)	346
Implements, Operating requirements for tractors and power take-off driven (S207.12 MAR1994) (R2009)	76
(Implements) Terminology and definitions for soil tillage and soil-tool relationships (EP291.3 FEB2005) (R2009)	128
‡Implements—Three-point hitch couplers—Part 1:U-frame couplers, Agricultural wheeled tractors and (S278.7 JUL03)	115
Implements to agricultural wheel tractors, Three-point free-link attachment for hitching (S217.12 DEC2001) (R2007)	92
‡Inflation pressures, Agricultural equipment tire loading and (S430.1 APR1994) (R2003)	269
‡Inflation pressures, Combine harvester tire loading and (S385.5 JAN1993) (R2003)	237
Infrared brooding equipment, Installation of electric (EP258.3 JUL1988) (R2009)	548
Injury classification (FAIC) code, Farm and agricultural (S575.1 MAR2002) (R2007)	64
‡Instructional seat for agricultural tractors (S574 AUG2000) (R2005)	401
§(Instructions) Technical publications for agricultural equipment (EP363.1 DEC1982) (R2008)	212
‡Insulation in agricultural buildings, Guidelines for use of thermal (S401.2 FEB1993) (R2008)	805
‡(Irrigation) Collapsible emitting hose (drip tape)—specifications and performance testing (S553 DEC2000) (R2008)	1135
‡(Irrigation) Concrete slip-form canal linings (S289.2 FEB1998) (R2009) ..	960
(Irrigation) Design and installation of microirrigation systems (EP405.1 APR1988) (R2008)	1012
(Irrigation) Design, installation and operation of water table management systems for subirrigation/controlled drainage in humid regions (EP479 MAR1990) (R2005)	1072
‡Irrigation, Electrical service and equipment (S397.3 OCT2007)	569
Irrigation furrows, Evaluation of (EP419.1 FEB1993) (R2003)	1030
‡Irrigation machines, Wiring and equipment for electrically driven or controlled (S362.2 JAN1983) (R2005)	555
‡Irrigation pipe systems, Design and installation of nonreinforced concrete (S261.7 FEB1989) (R2006)	944
‡Irrigation pipelines, Design, installation and performance of underground, thermoplastic (S376.2 JAN1998) (R2004)	988
(Irrigation) Polyethylene pipe used for microirrigation laterals (S435 DEC1985) (R2009)	1040
Irrigation and drainage systems, Prevention of mosquito problems associated with (EP267.7 NOV1996) (R2008)	950
(Irrigation) Procedure for sprinkler testing and performance reporting (S398.1 MAR1985) (R2007)	1003
Irrigation runoff reuse systems, Surface (EP408.2 MAR1995) (R2005) ..	1023
(Irrigation) Safety devices for chemigation (EP409.1 MAR1989) (R2009) .	1027
(Irrigation) Soil and water terminology (S526.3 SEP2007)	1104

Irrigation system design, Graphic symbols for pressurized (S491 APR1992) (R2008)	1095
‡(Irrigation) Test procedure for determining the uniformity of water distribution of center pivot and lateral move irrigation machines equipped with spray or sprinkler nozzles (S436.1 JUN1996) (R2007)	1043
‡Irrigation—testing and performance reporting, Media filters for (S539 MAR1994) (R2008)	1126
‡Irrigation wells, Designing and constructing (EP400.3 OCT2007)	1006
J	
Jacks, Implement mounted, screw-type (S485.1 APR2007)	343
L	
(Labeling) Capacity designation for fertilizer and pesticide hoppers and containers (S281.3 APR1987) (R2009)	126
(Laboratory) Safety color code for educational and training laboratories (EP415.2 NOV1997) (R2008)	50
Ladders, cages, walkways and stairs (S412.1 MAR1990) (R2008)	828
‡Lagoons for animal waste management, Design of anaerobic (EP403.3 DEC1998) (R2009)	808
(Lagoons) Installation of flexible membrane linings (EP340.2 MAR1986) (R2008)	977
(Lamp lighting) Flashing warning lamp for agricultural equipment (SAE J974 JUN1967) (R2008)	439
‡Lamp and slow-moving vehicle (SMV) identification emblem, Mounting brackets and socket for warning (S277.2 FEB1972) (R2008)	113
Lawn and garden tractors, Dimensions for cylindrical hydraulic couplers for (S418 APR1983) (R2005)	525
‡Lawn and garden equipment, Definitions of powered (S323.2 JUN1983) (R2005)	520
Lawn and garden equipment, Safety for powered (S440.3 MAR2005)	529
‡Lawn and garden ride-on tractor attachments and implements, Application of remote linear control devices to (S377 DEC1974) (R2005)	523
‡Lawn and garden ride-on (riding) tractors - three-point hitch (ISO 9191:1991 OCT2001) (R2007)	541
‡Lawn and garden ride-on (riding) tractors - drawbar (ISO 9190:1990 OCT2001) (R2007)	539
‡Lawn and garden ride-on (riding) tractors - one-point tubular sleeve hitch (ISO 9192:1991 OCT2001) (R2007)	544
Lawn and garden ride-on tractors, 2000-rpm front and mid PTO for (S431.1 AUG2001) (R2006)	527
‡Lawn and garden ride-on tractors, 2000-rpm power take-off for (S370.4 AUG2001) (R2006)	521
Lift capacity on agricultural tractors equipped with three-point hitch, Test procedure for measuring hydraulic (SAE J283 SEP1983) (R2008)	436
(Lift capacity) Three-point free-link attachment for hitching implements to agricultural wheel tractors (S217.12 DEC2001) (R2007)	92
‡‡Lighting and marking of agricultural equipment on highways (S279.14 JUL2008)	119

*New standard since last publication.

†Revised or reclassified standard since last publication.

‡Approved by ANSI as an American National Standard.

§Earlier revision approved by ANSI as an American National Standard.

Lighting systems for agricultural facilities (EP344.3 JAN2005)	758
*‡Lighting and marking of animal-drawn equipment (EP576.1 JUL2008)	403
(Lighting) Flashing warning lamp for agricultural equipment (SAE J974 JUN1967) (R2008)	439
*‡(Lighting) Headlamps for agricultural equipment (S608 AUG2008)	428
Lightning protection, Specifications for (EP381.1 JUL1988) (R2005)	776
‡Linings, Concrete slip-form canal (S289.2 FEB1998) (R2009)	960
Linings, Installation of flexible membrane (EP340.2 MAR1986) (R2008)	977
‡Livestock and poultry, Design values for emergency ventilation and care of (EP282.2 FEB1993) (R2009)	743
Livestock and poultry, Dimensions of (D321.2 MAR1985) (R2006)	750
Livestock containment areas, Equipotential plane in (EP473.2 JAN2001) (R2006)	581
(Livestock) Manure production and characteristics (D384.2 MAR2005)	781
Livestock production facilities, Uniform terminology for (S501 APR1990) (R2006)	893
Livestock shelters, Design of ventilation systems for poultry and (EP270.5 DEC1986) (R2008)	724
Livestock manure handling equipment, Nomenclature/terminology for (S466.1 DEC1998) (R2009)	860
Livestock waterers, Safety for electrically heated (EP342.2 MAR1995) (R2005)	553
Load carrying ability of farm materials transport equipment, Test procedure and performance criteria for the under-carriage (S360.1 FEB2004) (R2009)	207
Loader ratings, Front-end agricultural (S301.4 FEB2006)	146
Loaders, Safety for agricultural front-end (S355.3 DEC2002) (R2008)	205
†Loads for bunker (horizontal) silos, Design (EP538.2 OCT2008)	904
‡(Loads) Agricultural equipment tire loading and inflation pressures (S430.1 APR1994) (R2003)	269
‡Loads exerted by free-flowing grain on bins (EP433 DEC1988) (R2006)	841
‡Loads exerted by free-flowing grain on shallow storage structures (EP545 MAR1995) (R2005)	906
‡‡Loads exerted by Irish potatoes in shallow bulk storage structures (EP446.3 APR2008)	850
Loads on agricultural structures due to use, Floor and suspended (EP378.3 FEB1987) (R2004)	770

M

‡(Machinery) Definitions and classifications of agricultural-field equipment (S390.4 JAN2005)	249
Machinery management data, Agricultural (D497.5 FEB2006)	360
Management, Agricultural machinery (EP496.3 FEB2006)	354
Management data, Agricultural machinery (D497.5 FEB2006)	360
Management of storages for bulk, fall-crop, Irish potatoes, Design and (EP475.1 JUN1996) (R2006)	868
Management systems for subirrigation/controlled drainage in humid regions, Design, installation and operation of water table (EP479 MAR1990) (R2005)	1072

Management, Uniform terminology for agricultural machinery (S495.1 NOV2005)	352
Management, Uniform terminology for rural waste (S292.5. OCT1994) (R2009)	746
(Manuals) Safety alert symbol for agricultural, construction and industrial equipment (SAE J284 JUN1975) (R2008)	438
‡(Manuals) Safety for agricultural field equipment (S318.16 JUN2006)	164
(Manuals) Safety for powered lawn and garden equipment (S440.3 MAR2005)	529
§(Manuals) Technical publications for agricultural equipment (EP363.1 DEC1982) (R2008)	212
‡(Manure auger elevator) Safety for farmstead equipment (S354.5 JAN2006)	200
‡(Manure) Design of anaerobic lagoons for animal waste management (EP403.3 DEC1998) (R2009)	808
Manure handling equipment, Nomenclature/terminology for livestock (S466.1 DEC1998) (R2009)	860
Manure odors, Management of (EP379.4 JAN2007)	772
Manure production and characteristics (D384.2 MAR2005)	781
Manure spreaders—dual rating method, Volumetric capacity of box type (S324.1 APR1986) (R2008)	168
Manure spreaders, Volumetric capacity of closed tank type (S326.1 JAN1989) (R2009)	170
Manure spreaders, Volumetric capacity of forage wagons, wagon boxes, and forage handling adaptations of (S238.1 APR1986) (R2006)	109
Manure spreaders, Volumetric capacity of open tank type (S325.1 JAN1989) (R2009)	169
Manure storage safety (EP470 JAN1992) (R2005)	863
Manure storages (EP393.3 DEC1998) (R2004)	800
(Manure) Uniform terminology for livestock production facilities (S501 APR1990) (R2006)	893
‡‡Marking of agricultural equipment on highways, lighting and (S279.14 JUL2008)	119
*‡Marking of animal-drawn equipment, Lighting and (EP576.1 JUL2008)	403
(Mass balance) Procedure for measuring drift deposits from ground, orchard, and aerial sprayers (S561.1 APR2004) (R2009)	393
(Master shield) Front and rear power take-off for agricultural tractors (S203.14 FEB2004)	71
‡(Master shield) 2000-rpm power take-off for lawn and garden ride-on tractors (S370.4 AUG2001) (R2006)	521
(Material flow rate) Yield monitor performance test standard (S578 JAN2007)	408
Meat and meat products, Moisture measurement (S353 MAR1972) (R2008)	677
(Meteorology) Measurement and reporting practices for automatic agricultural weather stations (EP505 APR2004) (R2009)	53
(Metric) units, Use of SI (EP285.7 MAR1988) (R2006)	30

*New standard since last publication.

†Revised or reclassified standard since last publication.

‡Approved by ANSI as an American National Standard.

§Earlier revision approved by ANSI as an American National Standard.

‡(Microirrigation) Collapsible emitting hose (drip tape)—specifications and performance testing (S553 DEC2000) (R2008)	1135
Microirrigation laterals, Polyethylene pipe used for (S435 DEC1985) (R2009)	1040
Microirrigation systems, Design and installation of (EP405.1 APR1988) (R2008)	1012
Milking machine installations—construction and performance (S518.2 JUL1996) (R2003)	377
Milking machine operating characteristics, Test equipment and its application for measuring (EP445.1 JUL1996) (R2003)	299
Milking machine installations—vocabulary (S300.4 FEB2008)	136
‡(Mills) Safety for farmstead equipment (S354.5 JAN2006)	200
‡(Mixers) Safety for farmstead equipment (S354.5 JAN2006)	200
Mixers, Test procedure to measure mixing ability of portable farm batch (S380 DEC1975) (R2006)	235
Mixing ability of portable farm batch mixers, Test procedure to measure (S380 DEC1975) (R2006)	235
‡Mixing equipment for animal feeds, Test procedure for solids (S303.4 SEP2007)	149
‡Module builder and transporter standard, Cotton (S392.2 APR2005)	252
Moisture content, Cubes, pellets and crumbles—definitions and methods for determining density, durability, and (S269.4 DEC1991) (R2007)	650
Moisture measurement—forages (S358.2 DEC1988) (R2008)	678
Moisture measurement—meat and meat products (S353 MAR1972) (R2008)	677
Moisture measurement—peanuts (S410.1 DEC1982) (R2008)	687
Moisture measurement—tobacco (S487 DEC1987) (R2008)	698
Moisture measurement—unground grain and seeds (S352.2 APR1988) (R2008)	676
Moisture relationships of plant-based agricultural products (D245.6 OCT2007)	604
Mosquito problems associated with irrigation and drainage systems, Prevention of (EP267.7 NOV1996) (R2008)	950
Motors and phase converters, Single-phase rural distribution service for (EP329.2 OCT2007)	551
(Motors) Construction and rating of equipment for drying farm crops (S248.3 MAR1976) (R2005)	639
(Motors) Design of agricultural drainage pumping plants (EP369.1 DEC1987) (R2005)	981
Mounted, screw-type jacks, Implement (S485.1 APR2007)	343
‡Mounting brackets and socket for warning lamp and slow-moving vehicle (SMV) identification emblem (S277.2 FEB1972) (R2008)	113
Mountings, Chisel plow, field and row crop cultivator shanks and ground tool (S225.1 FEB1973) (R2009)	102
‡Mower blade ductility test, Rotary (S483.1 NOV2005)	341
‡(Mower) Definitions of powered lawn and garden equipment (S323.2 JUN1983) (R2005)	520
Mower safety, Agricultural rotary (S474.1 FEB1999) (R2009)	325

N

‡(Nozzle selection) Best management practices for boom spraying (S592 JAN2007)	421
--	-----

(Nozzle) Spray nozzle classification by droplet spectra (S572 FEB04) . . .	398
Nozzle wear rate, Procedure for measuring sprayer (S471 MAR1991) (R2008)	319
O	
Odors, Management of manure (EP379.4 JAN2007)	772
‡One-point tubular sleeve hitch, Lawn and garden ride-on (riding) tractors (ISO 9192:1991 OCT2001) (R2007)	544
(Open channel) Grassed waterway for runoff control (EP464 DEC2006)	1067
Operating requirements for tractors and power take-off driven implements (S207.12 MAR1994) (R2009)	76
‡Operator, Agricultural wheeled tractors and field machinery—Measurement of whole-body vibration of the (ISO 5008:2002 W/Cor. 1 MAY2006)	491
‡Operator enclosure environment - Part 1: Vocabulary, Tractors and self-propelled machines for agriculture and forestry (ISO 14269-1:1997 SEP2006)	504
‡Operator enclosure environment - Part 2: Heating, ventilation and air-conditioning test method and performance, Tractors and self-propelled machines for agriculture and forestry (ISO 14269-2:1997 SEP2006)	506
‡Operator enclosure environment - Part 3: Determination of effect of solar heating, Tractors and self-propelled machines for agriculture and forestry (ISO 14269-3:1997 SEP2006)	510
‡Operator enclosure environment - Part 4: Air filter element test method, Tractors and self-propelled machines for agriculture and forestry (ISO 14269-4:1997 SEP2006)	512
‡Operator enclosure environment - Part 5: Pressurization system test method, Tractors and self-propelled machines for agriculture and forestry (ISO 14269-5:1997 SEP2006)	517
‡Operator's seat - Laboratory measurement of transmitted vibration, Agricultural wheeled tractors (ISO 5007:2003 MAY2006)	484
Operator controls on agricultural equipment (S335.4 FEB04)	181
Overhead protection for agricultural tractors—test procedures and performance requirements (SAE J167 JUL1970) (R2008)	434
P	
Pallet bins, Agricultural (S337.1 FEB1987) (R2008)	184
‡Pallet load transfer system for vegetable harvesters, shuttle vehicles, and road trucks (S515 JAN1993) (R2008)	372
‡‡(Particle size) Method of determining and expressing fineness of feed materials by sieving (S319.4 FEB2008)	672
‡Particle size of chopped forage materials by screening, Method of determining and expressing (S424.1 MAR1992) (R2007)	689
‡Peanut blanchability, Method of determining (S521 DEC1991) (R2007) ..	704
Peanut curing systems, Energy efficiency of (S488 MAR1990) (R2005) ..	699
Peanuts, Moisture measurement (S410.1 DEC1982) (R2008)	687
Pellets, and crumbles—definitions and methods for determining density, durability, and moisture content, Cubes, (S269.4 DEC1991) (R2007)	650

*New standard since last publication.

†Revised or reclassified standard since last publication.

‡Approved by ANSI as an American National Standard.

§Earlier revision approved by ANSI as an American National Standard.

Penetrometer, Soil cone (S313.3 FEB1999) (R2009)	975
Penetrometer, Procedures for using and reporting data obtained with the soil cone (EP542 FEB1999) (R2009)	1132
Pesticide and fertilizer hoppers and containers, Capacity designations for (S281.3 APR1987) (R2009)	126
‡Pesticides and pesticide-related products, Recycling plastic containers from (S596 FEB2006)	929
(Pesticide) Procedures for measuring drift deposits from ground, orchard, and aerial sprayers (S561.1 APR2004) (R2009)	393
(Pesticide) Terminology and definitions for application of crop, animal, or forestry production and protection agents (S327.3 FEB2007)	171
Phase converters, Single-phase rural distribution service for motors and (EP329.2 OCT2007)	551
‡(Physical properties) Density, specific gravity, and mass-moisture relationships of grain for storage (D241.4 OCT1992) (R2008)	598
Pipe dimensions, Flanged steel blower (S347.1 MAR1981) (R2006)	199
‡Pipe systems, Design and installation of nonreinforced concrete irrigation (S261.7 FEB1989) (R2006)	944
Pipe used for microirrigation laterals, Polyethylene (S435 DEC1985) (R2009)	1040
(Piping systems) Safety color code for educational and training laboratories (EP415.2 NOV1997) (R2008)	50
‡Pipelines, Design, installation and performance of underground, thermoplastic irrigation (S376.2 JAN1998) (R2004)	988
‡Plant experiments in growth chambers, Guidelines for measuring and reporting environmental parameters for (EP411.4 MAR2002) (R2007)	822
(Plant materials) Moisture relationships of plant-based agricultural products (D245.6 OCT2007)	604
Planters, drills and seeders, Terminology for soil-engaging components for conservation-tillage (S477 APR1989) (R2007)	333
‡Plastic containers from pesticides and pesticide-related products, Recycling (S596 FEB2006)	929
Plow, field and row crop cultivator shanks and ground tool mountings, Chisel (S225.1 FEB1973) (R2009)	102
*(Point force) Procedure for measuring point trip force and maximum trip height of tillage shank assemblies (S591 MAY2008)	419
*(Point load) Procedure for measuring point trip force and maximum trip height of tillage shank assemblies (S591 MAY2008)	419
(Ponds) Installation of flexible membrane linings (EP340.2 MAR1986) (R2008)	977
‡Post, Foundation design, shallow (EP486.1 DEC1999) (R2005)	883
Potatoes, Design and management of storages for bulk, fall-crop, Irish (EP475.1 JUN1996) (R2006)	868
‡‡Potatoes in shallow bulk storage structures, Loads exerted by Irish (EP446.3 APR2008)	850
Poultry and livestock shelters, Design of ventilation systems for (EP270.5 DEC1986) (R2008)	724
‡Poultry, Design values for emergency ventilation and care of livestock and (EP282.2 FEB1993) (R2009)	743
Poultry, Dimensions of livestock and (D321.2 MAR1985) (R2006)	750
(Power) Agricultural machinery management (EP496.3 FEB2006)	354
(Power) Agricultural machinery management data (D497.5 FEB2006) . . .	360

(Power take-off) Drawbars—agricultural wheel tractors (S482 MAR1994) (R2004)	339
Power take-off definitions and terminology for agricultural tractors (S205.2 DEC1978) (R2009)	75
(Power take-off) Dimensions for compatible operation of forage harvesters, forage transporters and forage blowers (S328.3 JUL2003)	176
(Power take-off) Lawn and garden ride-on (riding) tractors - drawbar (ISO 9190:1990 OCT2001) (R2007)	539
‡Power take-off driveline specifications, Implement (S331.5 MAR1995) (R2005)	179
Power take-off driven implements, Operating requirements for tractors and (S207.12 MAR1994) (R2009)	76
Power take-off drives, Agricultural tractor auxiliary (S333.2 MAR1987) (R2005)	180
Power take-off for agricultural tractors, Front and rear (S203.14 FEB2004)	71
‡Power take-off for lawn and garden ride-on tractors, 2000-rpm (S370.4 AUG2001) (R2006)	521
‡Power take-off (PTO) drive shafts-strength and wear tests-acceptance criteria, Tractors and machinery for agricultural and forestry-Guards for (S522.1 JAN2005)	383
‡(Power take-off) Safety for agricultural field equipment (S318.16 JUN2006)	164
(Power take-off) 2000-rpm front and mid PTO for lawn and garden ride-on tractors (S431.1 AUG2001) (R2006)	527
‡(Pressure) Loads exerted by free-flowing grain on bins (EP433 DEC1988) (R2006)	841
‡(Pressure) Loads exerted by free-flowing grain on shallow storage structures (EP545 MAR1995) (R2005)	906
‡‡(Pressure) Loads exerted by Irish potatoes in shallow bulk storage structures (EP446.3 APR2008)	850
*‡(Procedures) Tractors and self-propelled machinery for agriculture-Air quality systems for cabs-Terminology and overview (S613-1 FEB2009)	429
‡(Product labels) Best management practices for boom spraying (S592 JAN2007)	421
‡(Product agriculture) Best Management Practices for boom spraying (S592 JAN2007)	421
Psychrometric data (D271.2 APR1979) (R2005)	22
§Publications for agricultural equipment, Technical (EP363.1 DEC1982) (R2008)	212
Pumping plants, Design of agricultural drainage (EP369.1 DEC1987) (R2005)	981

Q

‡(Quick disconnect) Agricultural tractors and machinery—General purpose quick-action hydraulic couplers (S366.2 MAY2004) (R2009)	222
--	-----

R

Radiation quantities and units (EP402 DEC1980) (R2007)	47
--	----

*New standard since last publication.
†Revised or reclassified standard since last publication.
‡Approved by ANSI as an American National Standard.
§Earlier revision approved by ANSI as an American National Standard.

‡Recycling plastic containers from pesticides and pesticide-related products (S596 FEB2006)	929
(Reference sprayers) Procedure for measuring drift deposits from ground, orchard, and aerial sprayers (S561.1 APR2004) (R2009)	393
(Reliability) Agricultural machinery management (EP496.3 FEB2006)	354
Reliability guidelines, Test and (EP456 DEC1986) (R2006)	313
Reporting solar cooker performance, Testing and (S580 JAN2003) (R2008)	927
Restoration after utility construction, Drain (EP511 DEC2003) (R2009)	1099
‡(ROPS) Instructional seat for agricultural tractors (S574 AUG2000) (R2005)	401
(ROPS) Overhead protection for agricultural tractors—test procedures and performance requirements (SAE J167 JUL1970) (R2008)	434
‡Roll-over protective structures (ROPS) for compact utility tractors (S478 SEP1995) (R2005)	532
*Rollover protective structures (ROPS) for wheeled agricultural tractors (SAE J1194 MAY1989) (R2008)	440
Roll-over protective structures (ROPS) for wheeled agricultural tractors (SAE J2194 DEC1987) (R2008)	446
‡(ROPS) for compact utility tractors, Roll-over protective structures (S478 SEP1995) (R2005)	532
* (ROPS) for wheeled agricultural tractors, Rollover protective structures (SAE J1194 MAY1989) (R2008)	440
(ROPS) for wheeled agricultural tractors, Roll-over protective structures (SAE J2194 DEC1987) (R2008)	446
‡(ROPS) Safety practices for agricultural field equipment (S318.16 JUN2006)	164
‡Rotary mower blade ductility test (S483.1 NOV2005)	341
Rotary mower safety, Agricultural (S474.1 FEB1999) (R2009)	325
(Rounding) Use of SI (metric) units (EP285.7 MAR1988) (R2006)	30
Runoff control, Grassed waterway for (EP464 DEC2006)	1067
Runoff reuse systems, Surface irrigation (EP408.2 MAR1995) (R2005)	1023

S

Safety, Agricultural rotary mower (S474.1 FEB1999) (R2009)	325
(Safety) Agricultural tractor auxiliary power take-off drives (S333.2 MAR1987) (R2005)	180
Safety practices for agricultural front end loaders (S583 MAY2005)	414
Safety alert symbol for agricultural, construction and industrial equipment (SAE J284 JUN1975) (R2008)	438
‡(Safety) Braking system test procedures and braking performance criteria for agricultural field equipment (S365.8 MAY2007)	214
‡Safety chain for towed equipment, Field equipment for agriculture (S338.5 MAY2006)	187
Safety color code for educational and training laboratories (EP415.2 NOV1997) (R2008)	50
(Safety) Color coding hand controls (EP443.1 FEB04)	298
(Safety) Construction and rating of equipment for drying farm crops (S248.3 MAR1976) (R2005)	639
‡(Safety) Cotton module builder and transporter standard (S392.2 APR2005)	252

(Safety) Construction of subsurface drains in humid areas (EP481 MAR1988) (R2008)	1090
(Safety) Design and installation of microirrigation systems (EP405.1 APR1988) (R2008)	1012
(Safety) Design, layout, construction and maintenance of terrace systems (S268.4 APR1992) (R2008)	954
‡(Safety) Design values for emergency ventilation and care of livestock and poultry (EP282.2 FEB1993) (R2009)	743
Safety devices for chemigation (EP409.1 MAR1989) (R2009)	1027
‡(Safety) Electrical service and equipment for irrigation (S397.3 OCT2007)	569
(Safety) Floor and suspended loads on agricultural structures due to use (EP378.3 FEB1987) (R2004)	770
‡Safety for agricultural field equipment (S318.16 JUN2006)	164
Safety practices for agricultural front-end loaders (S355.3 DEC2002) (R2008)	205
Safety for electrically heated livestock waterers (EP342.2 MAR1995) (R2005)	553
‡Safety for farmstead equipment (S354.5 JAN2006)	200
Safety for portable agricultural auger conveying equipment (S361.3 APR1990) (R2005)	210
Safety for powered lawn and garden equipment (S440.3 MAR2005)	529
Safety for self-unloading forage boxes (S373.1 FEB1994) (R2009)	230
(Safety) Front and rear power take-off for agricultural tractors (S203.14 FEB2004)	71
*‡Safety standard for agricultural tractors in scraper applications, General (S602 AUG2008)	426
‡(Safety) Guarding for agricultural equipment (S493.1 JUL2003) (R2008)	348
(Safety) Guide for preparing field sprayer calibration procedures (EP367.2 MAR1991) (R2008)	225
‡(Safety) Hand signals for use in agriculture (S351 FEB1972) (R2007)	45
‡(Safety) Installation and maintenance of farm standby electric power (EP364.3 NOV2006)	560
(Safety) Installation of electric infrared brooding equipment (EP258.3 JUL1988) (R2009)	548
‡(Safety) Instructional seat for agricultural equipment (S574 AUG2000) (R2005)	401
(Safety) Ladders, cages, walkways and stairs (S412.1 MAR1990) (R2008)	828
‡‡(Safety) Lighting and marking of agricultural equipment on highways (S279.14 JUL2008)	119
(Safety) Flashing warning lamp for agricultural equipment (SAE J974 JUN1967) (R2008)	439
*‡(Safety) Headlamps for agricultural equipment (S608 AUG2008)	428
Safety, Manure storage (EP470 JAN1992) (R2005)	863

*New standard since last publication.

†Revised or reclassified standard since last publication.

‡Approved by ANSI as an American National Standard.

§Earlier revision approved by ANSI as an American National Standard.

Safety on enclosed mobile tanks for transporting and spreading agricultural liquids and slurry, Improving (S317 DEC1968) (R2008)	163
(Safety) Operating requirements for tractors and power take-off driven implements (S207.12 MAR1994) (R2009)	76
(Safety) Operator controls on agricultural equipment (S335.4 FEB04)	181
(Safety) Overhead protection for agricultural tractors—test procedures and performance requirements (SAE J167 JUL1970) (R2008)	434
‡(Safety) Pallet load transfer system for vegetable harvesters, shuttle vehicles, and road trucks (S515 JAN1993) (R2008)	372
*‡(Safety) Tractors and self-propelled machinery for agriculture—Air quality systems for cabs—Terminology and overview (S613-1 FEB2009)	429
(Safety practices) Installation of electric fence controllers (EP568 APR1997) (R2007)	594
(Safety) Procedure for calibrating granular applicators (EP371.2 MAR2002) (R2007)	228
‡(Safety) Recycling plastic containers from pesticides and pesticide-related products (S596 FEB2006)	929
‡(Safety) Roll-over protective structures (ROPS) for compact utility tractors (S478 SEP1995) (R2005)	532
*(Safety) Rollover protective structures (ROPS) for wheeled agricultural tractors (SAE J1194 MAY1989) (R2008)	440
(Safety) Roll-over protective structures (ROPS) for wheeled agricultural tractors (SAE J2194 DEC1987) (R2008)	446
(Safety) Specifications for alarm systems utilized in agricultural structures (S417.1 MAR1985) (R2008)	578
(Safety) Specifications for lightning protection (EP381.1 JUL1988) (R2005)	776
§(Safety) Technical publications for agricultural equipment (EP363.1 DEC1982) (R2008)	212
(Safety) 2000-rpm front and mid PTO for lawn and garden ride-on tractors (S431.1 AUG2001) (R2006)	527
‡(Safety) 2000-rpm power take-off for lawn and garden ride-on tractors (S370.4 AUG2001) (R2006)	521
(Safety) Water and sediment control basins (S442 OCT1986) (R2008)	1050
‡(Safety) Wiring and equipment for electrically driven or controlled irrigation machines (S362.2 JAN1983) (R2005)	555
(Safety sign) Safety practices for agricultural front-end loaders (S355.3 DEC2002) (R2008)	205
Safety signs (S441.3 FEB1999) (R2005)	283
(Safety signs) Guide for preparing field sprayer calibration procedures (EP367.2 MAR1991) (R2008)	225
(Safety signs) Procedure for calibrating granular applicators (EP371.2 MAR2002) (R2007)	228
(Safety signs) Safety alert symbol for agricultural, construction and industrial equipment (SAE J284 JUN1975) (R2008)	438
‡(Safety signs) Safety for agricultural field equipment (S318.16 JUN2006)	164
‡(Safety signs) Safety for farmstead equipment (S354.5 JAN2006)	200
(Safety signs) Safety for portable agricultural auger conveying equipment (S361.3 APR1990) (R2005)	210
(Safety signs) Safety for powered lawn and garden equipment (S440.3 MAR2005)	529

(Safety signs) Safety for self-unloading forage boxes (S373.1 FEB1994) (R2009)	230
‡(Safety signs) Wiring and equipment for electrically driven or controlled irrigation machines (S362.2 JAN1983) (R2005)	555
*‡Scraper applications, General safety standard for agricultural tractors in (S602 AUG2008)	426
‡Seat, for agricultural tractors, Instructional (S574 AUG2000) (R2005)	401
‡Seat – Laboratory measurement of transmitted vibration, Agricultural wheeled tractors - Operator's (ISO 5007:2003) MAY2006	484
‡(Seat) Agricultural wheeled tractors and field machinery — Measurement of whole-body vibration of the Operator (ISO 5008:2002 W/Cor. 1 MAY2006)	491
‡(Seat belts) Roll-over protective structures (ROPS) for compact utility tractors (S478 SEP1995) (R2005)	532
* (Seat belts) Rollover protective structures (ROPS) for wheeled agricultural tractors (SAE J1194 MAY1989) (R2008)	440
Sediment control basins, Water and (S442 OCT1986) (R2008)	1050
‡Sediment control plans for land disturbing activities, Mapping symbols and nomenclature for erosion and (S422 SEP1993) (R2005)	1036
Seed, Dielectric properties of grain and (D293.2 JUN1989) (R2005)	662
Seeders, Terminology for soil-engaging components for conservation-tillage planters, drills and (S477 APR1989) (R2007)	333
Seeds, Moisture measurement—unground grain and (S352.2 APR1988) (R2008)	676
(Seeds) Moisture relationships of plant-based agricultural products (D245.6 OCT2007)	604
Seeds, other agricultural products, and perforated metal sheets, Resistance to airflow of grains. (D272.3 MAR1996) (R2007)	653
Seeds through orifices, Flow of grain and (D274.1 JAN1992) (R2008)	660
‡Shallow post foundation design (EP486.1 DEC1999) (R2005)	883
*Shank assemblies, Procedure for measuring point trip force and maximum trip height of tillage (S591 MAY2008)	419
Shanks and ground tool mountings, Chisel plow, field and row crop cultivator (S225.1 FEB1973) (R2009)	102
(Shanks) Terminology and definitions for agricultural tillage implements (S414.1 FEB04)	257
Shelters, Design of ventilation systems for poultry and livestock (EP270.5 DEC1986) (R2008)	724
‡(Shielding) Safety for agricultural field equipment (S318.16 JUN2006)	164
‡(Shielding) Guarding for agricultural equipment (S493.1 JUL2003) (R2008)	348
‡(Shielding) Safety for farmstead equipment (S354.5 JAN2006)	200
(Shipping) T-hook slots for securement in shipment of agricultural equipment (S356.1 MAR1980) (R2006)	206
(Shop) Safety color code for educational and training laboratories (EP415.2 NOV1997) (R2008)	50
(Shovel) Chisel plow, field and row crop cultivator shanks and ground tool mountings (S225.1 FEB1973) (R2009)	102

*New standard since last publication.

†Revised or reclassified standard since last publication.

‡Approved by ANSI as an American National Standard.

§Earlier revision approved by ANSI as an American National Standard.

SI (metric) units, Use of (EP285.7 MAR1988) (R2006)	30
(Side load) Implement mounted screw-type jacks (S485.1 APR2007)	343
‡‡Sieving, Method of determining and expressing fineness of feed materials by (S319.4 FEB2008)	672
‡(Sieving) Method of determining and expressing particle size of chopped forage materials by screening (S424.1 MAR1992) (R2007)	689
‡Signals for use in agriculture, Hand (S351 FEB1972) (R2007)	45
Signs, Safety (S441.3 FEB1999) (R2005)	283
Silage and silo capacities, Tower silos: unit weight of (D252.1 MAR1982) (R2005)	722
†Silos, Design loads for bunker (horizontal) (EP538.2 OCT2008)	904
‡(Silo unloaders) Safety for farmstead equipment (S354.5 JAN2006)	200
(Silos) Ladders, cages, walkways and stairs (S412.1 MAR1990) (R2008)	828
(Silos) Specifications for lightning protection (EP381.1 JUL1988) (R2005)	776
Silos: unit weight of silage and silo capacities, Tower (D252.1 MAR1982) (R2005)	722
Single-phase rural distribution service for motors and phase converters (EP329.2 OCT2007)	551
‡(SIS) Agricultural equipment: speed identification symbol (S584.1 AUG2006)	417
‡Slow moving vehicle identification emblem (SMV Emblem) (S276.6 JAN2005)	110
‡Slow moving vehicle (SMV) identification emblem, Mounting brackets and socket for warning lamp and (S277.2 FEB1972) (R2008)	113
‡(SMV emblem), Slow moving vehicle identification emblem (S276.6 JAN2005)	110
‡(SMV) Agricultural equipment: speed identification symbol (SIS) (S584.1 AUG2006)	417
‡Socket for warning lamp and slow-moving vehicle (SMV) identification emblem, Mounting brackets and (S277.2 FEB1972) (R2008)	113
Soil and water terminology (S526.3 SEP2007)	1104
Soil cone penetrometer (S313.3 FEB1999) (R2009)	975
Soil cone penetrometer, Procedures for using and reporting data obtained with the (EP542 FEB1999) (R2009)	1132
Soil tillage and soil-tool relationships, Terminology and definitions for (EP291.3 FEB2005) (R2009)	128
‡Solar ambient air heaters, Thermal performance testing of (S423 DEC1991) (R2007)	838
Solar cooker performance, testing and reporting (S580 JAN2003) (R2008)	927
‡Solids-mixing equipment for animal feeds, Test procedure for (S303.4 SEP2007)	149
‡(Speed) Slow moving vehicle identification emblem (SMV emblem) (S276.6 JAN2005)	110
‡Speed identification symbol (SIS), Agricultural equipment (S584.1 AUG2006)	417
(Spray deposition) Procedure for measuring drift deposits from ground, orchard, and aerial sprayers (S561.1 APR2004) (R2009)	393
‡(Spray drift) Best management practices for boom spraying (S592 JAN2007)	421

(Spray drift) Procedure for measuring drift deposits from ground, orchard, and aerial sprayers (S561.1 APR2004) (R2009)	393
Spray nozzle classification by droplet spectra (S572 FEB04)	398
(Spray sampling) Procedure for measuring drift deposits from ground, orchard, and aerial sprayers (S561.1 APR2004) (R2009)	393
Sprayer calibration procedures, Guide for preparing field (EP367.2 MAR1991) (R2008)	225
Sprayer nozzle wear rate, Procedure for measuring (S471 MAR1991) (R2008)	319
(Sprayers) Calibration and distribution pattern testing of agricultural aerial application equipment (S386.2 FEB1988) (R2009)	243
Sprayers, Procedure for measuring drift deposits from ground, orchard, and aerial (S561.1 APR2004) (R2009)	393
(Spraying) Terminology and definitions for application of crop, animal, or forestry production and protection agents (S327.3 FEB2007)	171
‡(Spraying) Best management practices for boom spraying (S592 JAN2007)	421
Spreaders—dual rating method, Volumetric capacity of box type manure (S324.1 APR1986) (R2008)	168
(Spreaders) Procedure for calibrating granular applicators (EP371.2 MAR2002) (R2007)	228
Spreaders, Procedure for measuring distribution uniformity and calibrating granular broadcast (S341.3 FEB1999) (R2004)	190
Spreaders, Volumetric capacity of closed tank type manure (S326.1 JAN1989) (R2009)	170
Spreaders, Volumetric capacity of forage wagons, wagon boxes, and forage handling adaptations of manure (S238.1 APR1986) (R2006)	109
Spreaders, Volumetric capacity of open tank type manure (S325.1 JAN1989) (R2009)	169
Spreading agricultural liquids and slurry, Improving safety on enclosed mobile tanks for transporting and (S317 DEC1968) (R2008)	163
(Spreading) Terminology and definitions for application of crop, animal, or forestry production and protection agents (S327.3 FEB2007)	171
‡Sprinkler nozzles, Test procedures for determining the uniformity of water distribution of center pivot and lateral move irrigation machines equipped with spray or (S436.1 JUN1996) (R2007)	1043
Sprinkler testing and performance reporting, Procedure for (S398.1 MAR1985) (R2007)	1003
‡(Sprinkler) Wiring and equipment for electrically driven or controlled irrigation machines (S362.2 JAN1983) (R2005)	555
(Stability) Safety for agricultural front end loaders (S583 MAY2005)	414
Stairs, Ladders, cages, walkways and (S412.1 MAR1990) (R2008)	828
Stalls, feedbunks, and feeding fences, Terminology and recommendations for freestall dairy housing, free (EP444.1 DEC1999) (R2005)	845
‡Standby electric power, Installation and maintenance of farm (EP364.3 NOV2006)	560
(Steady flow rate) Yield monitor performance test standard (S578 JAN2007)	408

*New standard since last publication.

†Revised or reclassified standard since last publication.

‡Approved by ANSI as an American National Standard.

§Earlier revision approved by ANSI as an American National Standard.

(Step Flow) Yield monitor performance test standard (S578 JAN2007)	408
‡Storage structures, Loads exerted by Irish potatoes in shallow bulk (EP446.3 APR2008)	850
Storage safety, Manure (EP470 JAN1992) (R2005)	863
Storage time for 0.5% dry matter loss, Shelled corn (D535 MAY2005)	706
‡(Storage) Recycling plastic containers from pesticides and pesticide-related products (S596 FEB2006)	929
Storages for bulk, fall-crop, Irish potatoes, Design and management of (EP475.1 JUN1996) (R2006)	868
Storages, Manure (EP393.3 DEC1998) (R2004)	800
(Structures) Commercial greenhouse design and layout (EP460 JUL1993) (R2009)	853
‡(Structures) Design requirements and bending properties for mechanically laminated columns (EP559 DEC1996) (R2008)	916
‡(Structures) Diaphragm design of metal-clad, wood-frame rectangular buildings (EP484.2 JUN1998) (R2008)	872
Structures due to use, Floor and suspended loads on agricultural (EP378.3 FEB1987) (R2004)	770
(Structures) Equipotential plane in livestock containment areas (EP473.2 JAN2001) (R2006)	581
(Structures) Ladders, cages, walkways and stairs (S412.1 MAR1990) (R2008)	828
‡Structures, Loads exerted by free-flowing grain on shallow storage structures (EP545 MAR1995) (R2005)	906
(Structures) Load tests for metal-clad wood-frame diaphragms (EP558 DEC1998) (R2009)	910
‡(Structures) Shallow post foundation design (EP486.1 DEC1999) (R2005)	883
Structures, Specifications for alarm systems utilized in agricultural (S417.1 MAR1985) (R2008)	578
(Structures) Specifications for lightning protection (EP381.1 JUL1988) (R2005)	776
(Structures) Uniform terminology for livestock production facilities (S501 APR1990) (R2006)	893
Subirrigation/controlled drainage in humid regions, Design, installation and operation of water table management systems for (EP479 MAR1990) (R2005)	1072
Subsurface drains in humid areas, Design of (EP480 MAR1998) (R2008)	1077
Subsurface drains in humid areas, Construction of (EP481 MAR1988) (R2008)	1090
‡Surface drainage systems on agricultural lands in humid areas, Design and construction of (EP302.4 FEB1993) (R2008)	967
‡(Surfactants) Recycling plastic containers from pesticides and pesticide-related products (S596 FEB2006)	929
(Sweeps) Chisel plow, field and row crop cultivator shanks and ground tool mountings (S225.1 FEB1973) (R2009)	102
Symbol for agricultural, construction and industrial equipment, Safety alert (SAE J284 JUN1975) (R2008)	438
‡Symbol (SIS), Agricultural Equipment: Speed identification (S584.1 AUG2006)	417
‡Symbols and nomenclature for erosion and sediment control plans for land disturbing activities, Mapping (S422 SEP1993) (R2005)	1036

§Symbols for operator controls and displays on agricultural equipment, Graphical (S304.8 MAY2006)	155
‡Symbols for operator controls and other displays - Part 1: Common symbols, Tractors, machinery for agriculture and forestry, powered lawn and garden equipment (ISO 3767-1:1998 MAY2006)	459
‡Symbols for operator controls and other displays - Part 2: Symbols for agricultural tractors and machinery, Tractors, machinery for agriculture and forestry, powered lawn and garden equipment (ISO 3767-2:1998 W/Amd. 1-3 MAY2006)	473
Symbols for pressurized irrigation system design, Graphic (S491 APR1992) (R2008)	1095

T

T-hook slots for securement in shipment of agricultural equipment (S356.1 MAR1980) (R2006)	206
Tanks for transporting and spreading agricultural liquids and slurry, Improving safety on enclosed mobile (S317 DEC1968) (R2008)	163
Temperatures and wet-bulb depressions, Wet-bulb (D309.1 JUN1987) (R2008)	38
Terminology and definitions for application of crop, animal, or forestry production and protection agents (S327.3 FEB2007)	171
Terminology and definitions for agricultural tillage implements (S414.1 FEB04)	257
Terminology and definitions for soil tillage and soil-tool relationships (EP291.3 FEB2005) (R2009)	128
Terminology and recommendations for freestall dairy housing, freestalls, feed bunks, and feeding fences (EP444.1 DEC1999) (R2005)	845
‡(Terminology) Diaphragm design of metal-clad, wood-frame rectangular buildings (EP484.2 JUN1998) (R2008)	872
Terminology for agricultural machinery management, Uniform (S495.1 NOV2005)	352
Terminology for agricultural tractors, Power take-off definitions and (S205.2 DEC1978) (R2009)	75
‡Terminology and definitions for biomass production, harvesting and collection, storage, processing, conversion and utilization (S593 MAY2006)	718
‡Terminology for combines and grain harvesting (S343.3 APR1990) (R2009)	194
‡Terminology for forage harvesters and forage harvesting (S472 DEC1986) (R2007)	321
Terminology for livestock production facilities, Uniform (S501 APR1990) (R2006)	893
Terminology for livestock waste/manure handling equipment, Nomenclature/ (S466.1 DEC1998) (R2009)	860
(Terminology) Milking machines installations-vocabulary (S300.4 FEB2008)	136
Terminology for rural waste management, Uniform (S292.5 OCT1994) (R2009)	746
Terminology for soil-engaging components for conservation-tillage planters, drills and seeders (S477 APR1989) (R2007)	333

*New standard since last publication.
†Revised or reclassified standard since last publication.
‡Approved by ANSI as an American National Standard.
§Earlier revision approved by ANSI as an American National Standard.

‡Terminology for traction of agricultural traction and transport devices and vehicles, General (S296.5 DEC2003) (R2009)	132
Terminology, Soil and water (S526.3 SEP2007)	1104
*‡Terminology and overview, Tractors and self-propelled machinery for agriculture-Air quality systems for cabs (S613-1 FEB2009)	429
Terrace systems, Design, layout, construction and maintenance of (S268.4 APR1992) (R2008)	954
(Test) Agricultural pallet bins (S337.1 FEB1987) (R2008)	184
Test and reliability guidelines (EP456 DEC1986) (R2006)	313
‡(Test) Designing and constructing irrigation wells (EP400.3 OCT2007)	1006
(Test) Energy efficiency of peanut curing systems (S488 MAR1990) (R2005)	699
Test equipment and its application for measuring milking machine operating characteristics (EP445.1 JUL1996) (R2003)	299
(Test) Hydraulic pressure available on agricultural tractors for remote use with implements (S489 MAR1988) (R2008)	346
‡(Test) Method of determining peanut blanchability (S521 DEC1991) (R2007)	704
‡Tests and acceptance criteria, Tractors and machinery for agricultural and forestry-Guards for power take-off (PTO) drive shafts-strength and wear (S522.1 JAN2005)	383
*‡(Test) Tractors and self-propelled machinery for agriculture-Air quality systems for cabs-Terminology and overview (S613-1 FEB2009)	429
‡Test of animal bone, Shear and three-point bending (S459 MAR1992) (R2007)	695
Test of food materials of convex shape, Compression (S368.4 DEC2000) (R2008)	679
‡(Test procedure) Adjusting forage harvester test data for varying crop moisture (EP502 DEC1990) (R2007)	368
‡Test procedure, Combine capacity and performance (S396.2 APR1990) (R2009)	254
‡(Test procedure) Environmental considerations in development of mobile agricultural electrical/electronic components (EP455 DEC1990) (R2008)	305
Test procedure and performance criteria for the under-carriage load carrying ability of farm materials transport equipment (S360.1 FEB2004) (R2009)	207
‡Test procedure for determining the uniformity of water distribution of center pivot and lateral move irrigation machines equipped with spray or sprinkler nozzles (S436.1 JUN1996) (R2007)	1043
(Test) Procedure for measuring distribution uniformity and calibrating granular broadcast spreaders (S341.3 FEB1999) (R2004)	190
Test procedure for measuring hydraulic lift capacity on agricultural tractors equipped with three-point hitch (SAE J283 SEP1983) (R2008)	436
Test procedure for measuring the output characteristics of an electric fence controller (S500 MAR1990) (R2005)	587
‡Test procedure for solids-mixing equipment for animal feeds (S303.4 SEP2007)	149
(Test) Procedure for sprinkler testing and performance reporting (S398.1 MAR1985) (R2007)	1003
‡(Test procedure) Method of determining and expressing particle size of chopped forage materials by screening (S424.1 MAR1992) (R2007)	689

(Test procedure) Procedure for measuring sprayer nozzle wear rate (S471 MAR1991) (R2008)	319
‡(Test procedure) Roll-over protective structures (ROPS) for compact utility tractors (S478 SEP1995) (R2005)	532
* (Test procedure) Rollover protective structures (ROPS) for wheeled agricultural tractors (SAE J1194 MAY1989) (R2008)	440
Test procedure to measure mixing ability of portable farm batch mixers (S380 DEC1975) (R2006)	235
‡Test procedures and braking performance criteria for agricultural field equipment, Braking system (S365.8 MAY2007)	214
Test procedures and performance requirements, Overhead protection for agricultural tractors (SAE J167 JUL1970) (R2008)	434
‡Test, Rotary mower blade ductility (S483.1 NOV2005)	341
‡Testing and performance reporting, Media filters for irrigation (S539 MAR1994) (R2008)	1126
Testing and reporting solar cooker performance (S580 JAN2003) (R2008)	927
‡Testing of solar ambient air heaters, Thermal performance (S423 DEC1991) (R2007)	838
Testing diesel engines with alternative fuels derived from biological materials, Reporting of fuel properties when (EP552 JAN1996) (R2007) ..	708
Tests for metal-clad wood-frame diaphragms, Load (EP558 DEC1998) (R2009)	910
‡Thermal insulation in agricultural buildings, Guidelines for use of (S401.2 FEB1993) (R2008)	805
Thermal properties of grain and grain products (D243.4 MAY2003) (R2008)	601
‡Thermoplastic irrigation pipelines, Design, installation and performance of underground, (S376.2 JAN1998) (R2004)	988
‡Three-point hitch couplers—Part 1: U-frame coupler. Agricultural wheeled tractors and implements (S278.7 JUL03)	115
Three-point free-link attachment for hitching implements to agricultural wheel tractors (S217.12 DEC2001) (R2007)	92
‡Three-point hitch, Lawn and garden ride-on (riding) tractors, (ISO 9191:1991 OCT2001) (R2007)	541
(Three-point hitch) Agricultural wheeled tractors—front-mounted linkage (S513 MAR1990) (R2003)	370
Three-point hitch, Test procedure for measuring hydraulic lift capacity on agricultural tractors equipped with (SAE J283 SEP1983) (R2008)	436
Tillage and soil-tool relationships, Terminology and definitions for soil (EP291.3 FEB2005) (R2009)	128
(Tillage) Determining cutting width and designated mass of disk harrows (S290.2 DEC2004)	127
Tillage experiments, Planning and reporting (EP236.2 JUL2007)	106
Tillage implements, Terminology and definitions for agricultural (S414.1 FEB04)	257
*Tillage shank assemblies, Procedure for measuring point trip force and maximum trip height of (S591 MAY2008)	419

*New standard since last publication.

†Revised or reclassified standard since last publication.

‡Approved by ANSI as an American National Standard.

§Earlier revision approved by ANSI as an American National Standard.

(Tillage) Terminology for soil-engaging components for conservation-tillage planters, drills and seeders (S477 APR1989) (R2007)	333
‡Tire loading and inflation pressures, Combine harvester (S385.5 JAN1993) (R2003)	237
‡(Tire) General terminology for traction of agricultural traction and transport devices and vehicles (S296.5 DEC2003) (R2009)	132
‡(Tires) Agricultural equipment tire loading and inflation pressures (S430.1 APR1994) (R2003)	269
(Tires) Test procedure and performance criteria for the under-carriage load carrying ability of farm materials transport equipment (S360.1 FEB2004) (R2009)	207
Tobacco, Moisture measurement (S487 DEC1987) (R2008)	698
‡(Tracer) Test procedure for solids-mixing equipment for animal feeds (S303.4 SEP2007)	149
‡Traction of agricultural traction and transport devices and vehicles, General terminology for (S296.5 DEC2003) (R2009)	132
(Tractor) Agricultural machinery management (EP496.3 FEB2006)	354
(Tractor) Agricultural machinery management data (D497.5 FEB2006)	360
‡Tractor attachments and implements, Application of remote linear control devices to lawn and garden ride-on (S377 DEC1974) (R2005)	523
Tractor auxiliary power take-off drives, Agricultural (S333.2 MAR1987) (R2005)	180
‡(Tractor) Braking system test procedures and braking performance criteria for agricultural field equipment (S365.8 MAY2007)	214
Tractor cabs, Aperture for entry of electrical wiring into agricultural (S434 MAR1990) (R2008)	281
‡(Tractor) Definitions of powered lawn and garden equipment (S323.2 JUN1983) (R2005)	520
(Tractor) Front-end agricultural loader ratings (S301.4 FEB2006)	146
(Tractor) Safety for powered lawn and garden equipment (S440.3 MAR2005)	529
‡Tractors, Three-point hitch, Lawn and garden ride-on (riding) (ISO 9191:1991 OCT2001) (R2007)	541
‡Tractors and machinery-General purpose quick-action hydraulic couplers, Agricultural (S366.2 MAY2004) (R2009)	522
Tractors, Dimensions for cylindrical hydraulic couplers for lawn and garden (S418 APR1983) (R2005)	525
‡Tractors-drawbar, Lawn and garden ride-on (riding) (ISO 9190:1990 OCT2001) (R2007)	539
Tractors, Drawbars—agricultural wheel (S482 MAR1994) (R2004)	339
‡Tractor and implements—Three-point hitch couplers—Part 1: U-frame coupler, Agricultural wheeled (S278.7 JUL03)	115
Tractors equipped with three-point hitch, Test procedure for measuring hydraulic lift capacity on agricultural (SAE J283 SEP1983) (R2008)	436
Tractors for remote use with implements, Hydraulic pressure available on agricultural (S489 MAR1988) (R2008)	346
Tractors, Front and rear power take-off for agricultural (S203.14 FEB2004)	71
Tractors—front-mounted linkage, Agricultural wheeled (S513 MAR1990) (R2003)	370
‡Tractors, Instructional seat for agricultural (S574 AUG2000) (R2005)	401
‡Tractors, One-point tubular sleeve hitch, Lawn and garden ride-on (riding) (ISO 9192:1991 OCT2001) (R2007)	544

Tractors, Power take-off definitions and terminology for agricultural (S205.2 DEC1978) (R2009)	75
‡Tractors, Roll-over protective structures (ROPS) for compact utility (S478 SEP1995) (R2005)	532
*Tractors, Rollover protective structures (ROPS) for wheeled agricultural (SAE J1194 MAY1989) (R2008)	440
Tractors, Rollover protective structures (ROPS) for wheeled agricultural (SAE J2194 DEC1987) (R2008)	446
(Tractors) Safety practices for agricultural front-end loaders (S355.3 DEC2002) (R2008)	205
*‡Tractors in scraper applications, General safety standard for agricultural (S602 AUG2008)	426
*‡Tractors and self-propelled machinery for agriculture—Air quality systems for cabs—Terminology and overview (S613-1 FEB2009)	429
Tractors—test procedures and performance requirements, Overhead protection for agricultural (SAE J167 JUL1970) (R2008)	434
Tractors, Three-point free-link attachment for hitching implements to agricultural wheel (S217.12 DEC2001) (R2007)	92
Tractors, 2000-rpm front and mid PTO for lawn and garden ride-on (S431.1 AUG2001) (R2006)	527
‡Tractors, 2000-rpm power take-off for lawn and garden ride-on (S370.4 AUG2001) (R2006)	521
‡Tractors – Operator’s seat – Laboratory measurement of transmitted vibration, Agricultural wheeled (ISO 5007:2003 MAY2006)	484
‡Tractors and field machinery — Measurement of whole-body vibration of the Operator, Agricultural wheeled (ISO 5008:2002 W/Cor. 1 MAY2006)	491
(Transient flow) Yield monitor performance test standard (S578 JAN2007)	408
‡Transport devices and vehicles, General terminology for traction of agricultural traction and (S296.5 DEC2003) (R2009)	132
Transport equipment, Test procedure and performance criteria for the under-carriage load carrying ability of farm materials (S360.1 FEB2004) (R2009)	207
‡(Transport) Safety for agricultural field equipment (S318.16 JUN2006)	164
Transporters and forage blowers, Dimensions for compatible operation of forage harvesters, forage (S328.3 JUL2003)	176
(Trickle) Design and installation of microirrigation systems (EP405.1 APR1988) (R2008)	1012
*Trip force and maximum trip height of tillage shank assemblies, Procedure for measuring point (S591 MAY2008)	419
‡Trucks, Pallet load transfer system for vegetable harvesters, shuttle vehicles, and road (S515 JAN1993) (R2008)	372
‡Twine for automatic balers (S315.3 DEC2002) (R2008)	160

U

Under-carriage load carrying ability of farm transport equipment, Test procedure and performance criteria for the (S360.1 FEB2004) (R2009)	207
‡Underground, thermoplastic irrigation pipelines, Design, installation and performance of (S376.2 JAN1998) (R2004)	988

*New standard since last publication.
†Revised or reclassified standard since last publication.
‡Approved by ANSI as an American National Standard.
§Earlier revision approved by ANSI as an American National Standard.

Units, Radiation quantities and (EP402 DEC1980) (R2007)	47
Units, Use of SI (metric) (EP285.7 MAR1988) (R2006)	30
Utility construction, Drain restoration after (EP511 DEC2003) (R2009)	1099

V

(Valves) Safety devices for chemigation (EP409.1 MAR1989) (R2009)	1027
V-belt and V-ribbed belt drives for agricultural machines (S211.5 JUL1998) (R2008)	78
‡Vegetable harvesters, shuttle vehicles, and road trucks, Pallet load transfer system for (S515 JAN1993) (R2008)	372
‡Vehicle identification emblem (SMV Emblem), Slow moving (S276.6 JAN2005)	110
*‡(Vehicle) Lighting and marking of agricultural equipment on highways (S279.14 JUL2008)	119
‡Vehicles, and road trucks, Pallet load transfer system for vegetable harvesters, shuttle (S515 JAN1993) (R2008)	372
‡Ventilating and cooling greenhouses, Heating, (EP406.4 JAN2003) (R2008)	813
‡Ventilation and care of livestock and poultry, Design values for emergency (EP282.2 FEB1993) (R2009)	743
Ventilation constant speed fan test standard, Agricultural (S565 OCT2005)	925
‡Ventilation fans, Guidelines for selection of energy efficient agricultural (EP566.1 AUG2008)	589
Ventilation systems for poultry and livestock shelters, Design of (EP270.5 DEC1986) (R2008)	724
*‡(Ventilation) Tractors and self-propelled machinery for agriculture—Air quality systems for cabs—Terminology and overview (S613-1 FEB2009)	429
‡Vibration, Agricultural wheeled tractors - Operator’s seat - Laboratory measurement of transmitted (ISO 5007:2003 MAY2006)	484
‡Vibration of the Operator, Agricultural wheeled tractors and field machinery — Measurement of whole-body (ISO 5008:2002 W/Cor. 1 MAY2006)	491

W

(Wagons) Safety for self-unloading forage boxes (S373.1 FEB1994) (R2009)	230
Wagons, wagon boxes, and forage handling adaptations of manure spreaders, Volumetric capacity of forage (S238.1 APR1986) (R2006)	109
Walkways and stairs, Ladders, cages, (S412.1 MAR1990) (R2008)	828
Warning lamp for agricultural equipment, Flashing (SAE J974 JUN1967) (R2008)	439
(Waste) Management of manure odors (EP379.4 JAN2007)	772
‡Waste management, Design of anaerobic lagoons for animal (EP403.3 DEC1998) (R2009)	808
Waste management, Uniform terminology for rural (S292.5 OCT1994) (R2009)	746
(Waste) Manure production and characteristics (D384.2 MAR2005)	781
(Waste) Manure storage safety (EP470 JAN1992) (R2005)	863
(Waste) Manure storages (EP393.3 DEC1998) (R2004)	800
(Waste) Nomenclature/terminology for livestock manure handling equipment (S466.1 DEC1998) (R2009)	860

(Waste) Uniform terminology for livestock production facilities (S501 APR1990) (R2006)	893
Waterers, Safety for electrically heated livestock (EP342.2 MAR1995) (R2005)	553
(Waterway) Planning, design and construction of diversions (EP492 JAN2008)	1097
Weather stations, Measurement and reporting practices for automatic agricultural (EP505 APR2004) (R2009)	53
‡Wells, Designing and constructing irrigation (EP400.3 OCT2007)	1006
Wet-bulb temperatures and wet-bulb depressions (D309.1 JUN1987) (R2008)	38
Wheel tread settings for agricultural tractors with agricultural front loaders, Procedure for determining recommended ballast and minimum rear (EP562 MAR2005)	396
‡Wire for automatic balers, Baling (S229.6 DEC1976) (R2008)	105
‡Wiring and equipment for electrically driven or controlled irrigation machines (S362.2 JAN1983) (R2005)	555
‡(Wiring) Installation and maintenance of farm standby electric power (EP364.3 NOV2006)	560
Wiring into agricultural tractor cabs, Aperture for entry of electrical (S434 MAR1990) (R2008)	281
(Wiring) Safety for electrically heated livestock waterers (EP342.2 MAR1995) (R2005)	553
‡Wood-frame rectangular buildings, Diaphragm design of metal-clad, (EP484.2 JUN1998) (R2008)	872

Y

Yield monitor performance test standard (S578 JAN 2007)	408
---	-----

*New standard since last publication.
 †Revised or reclassified standard since last publication.
 ‡Approved by ANSI as an American National Standard.
 §Earlier revision approved by ANSI as an American National Standard.