

Revised standards 2009

2009-11-25

STD 180-0001 Welding of metallic materials
STD 910-0006 Interchangeability of parts and documents
STD 5680,1 Thermally cut sections
STD 5750,12 List of colours
STD 9123,1 Identities of parts

2009-11-19

VCS 110,08 Spring Steels

2009-11-12

VCS 5052,219 Colour identification marking on rubber parts

2009-11-05

STD 1029,5466 Adhesion, lap-shear strength test
VCS 1119,04 Steel

2009-11-04

STD 107-0004 Cleanliness-controlled workshop environment

2009-11-02

STD 311-0008 Spring steels

2009-10-30

STD 1024,2841 Flake strength

2009-10-28

VCS 5062,26 Geometrical tolerances for design in coordinate system
VCS 8631,39 Spot welding

2009-10-26

STD 910-0001 Corporate forms for industrial documents

2009-10-23

STD 1116,72 Steel 1672
STD 1122,25 Steel 2225
STD 1122,34 Steel 2234
STD 1122,44 Steel 2244
STD 1122,441 Steel V-2244
STD 1122,501 Steel V-2250
STD 5052,21 Colour identification marking on rubber parts
STD 5660,5 Soldering and brazing of metallic materials
STD 5712,301 Solderability - testing method

STD 121-0007 Common list of colours
STD 181-0003 Laser welding
STd 311-0004 Steel – free-cutting steel
STD 411-0001 Plastics
STD 524-0001 Adhesive tape

2009-10-22

VCS 5511,119 Tightening torques for metric threaded screw joint in property classes 8.8 and 10.9

2009-10-16

STD 1113,12 Steel 1312
STD 1114,12 Steel 1412
STD 1115,5 Steel 1550
STD 1116,5 Steel 1650
STD 1121,32 Steel 2132
STD 1121,72 Steel 2172
STD 515-0003 Electro-magnetic compatibility, EMC

2009-10-15

STD 5712,103 Thermal cycling test for electro-plated plastics
STD 5751,511 Paint refinishing system

2009-10-01

VCS 1024,25239 Bend test, cylindrical mandrel

2009-09-24

VCS 1027,61329 Test liquids
VCS 7121,2629 Studs

2009-09-22

STD 7121,262 Studs, M-threads
STD 920-0002 Structure of production and sales identities for marine and industrial products
VCS 1212,362 Plastic 91236
VCS 5511,179 Application of consequence classes on screw joints

2009-09-08

STD KAL 322,10 Electronic height gauges
STD 7141,48 Spring nuts
STD 100-0004 Substitutes for hazardous chemical substances

2009-09-04

VCS 1007,319 General delivery specifications – Polymerics
VCS 1026,32419 Water absorption
VCS 1026,81319 Discoloration of organic finishes
VCS 1211,169 Plastic 91116

VCS 1211,179 Plastic 91117
VCS 1211,519 Plastic 91151
VCS 1211,529 Plastic 91152
VCS 1211,539 Plastic 91153
VCS 1212,019 Plastic 91201
VCS 1212,039 Plastic 91203
VCS 1212,069 Plastic 91206
VCS 1212,079 Plastic 91207
VCS 1212,409 Plastic 91240
VCS 1212,419 Plastic 91241
VCS 1212,619 Plastic 91261
VCS 1212,639 Plastic 91263
VCS 1212,669 Plastic 91266
VCS 1212,809 Plastic 91280
VCS 1212,819 Plastic 91281
VCS 1212,869 Plastic 91286
VCS 1212,879 Plastic 91287
VCS 1213,719 Plastic 91371
VCS 1213,729 Plastic 91372
VCS 1215,419 Plastic 91541
VCS 1223,059 Rubber 92305
VCS 1223,149 Rubber 92314
VCS 1223,159 Rubber 92315
VCS 1223,209 Rubber 92320
VCS 1223,229 Rubber 92322
VCS 1224,419 Rubber 92441
VCS 1224,529 Rubber 92452
VCS 1224,659 Rubber 92465
VCS 1224,709 Rubber 92470
VCS 1224,719 Rubber 92471
VCS 1224,729 Rubber 92472
VCS 1225,949 Rubber 92594
VCS 1225,969 Rubber 92596

2009-09-03

VCS 5601,029 Static testing of spot joints
VCS 5601,039 Static testing of line joints
VCS 5601,049 Fatigue testing of H-shaped test pieces
VCS 5601,059 Fatigue testing of lap joints

2009-09-02

STD 1126,221 Steel V-2622
STD 911-0001 Master samples – handling and documentation
VCS 1007,319 General delivery specifications Polymerics

2009-09-01

VCS 1026,51739 Colour determination of polychromatic paints

2009-08-27

STD 311-0004 Steel, Free-cutting steel

2009-08-19

STD 1212,12 Plastic 91212
STD 1212,31 Plastic 91231
STD 1212,36 Plastic 91236
STD 1212,41 Plastic 91241
STD 1212,8 Plastic 91280
STD 1212,81 Plastic 91281
STD 1212,86 Plastic 91286
STD 1215,41 Plastic 91541 (FRP)
STD 1223,05 Rubber 92305
STD 1223,1 Rubber 92310
STD 1223,2 Rubber 92320
STD 1224,41 Rubber 92441
STD 1224,52 rubber 92452
STD 1224,54 Rubber 92454
STD 1224,6 Rubber 92460
STD 1224,65 Rubber 92465
STD 1224,71 Rubber 92471
STD 1224,72 Rubber 92472
STD 1225,9 Rubber 92590
STD 1225,92 Rubber 92592
STD 1225,94 Rubber 92594
STD 1225,96 Rubber 92596
STD 5051,16 Text marking on parts

2009-08-18

STD 1116,491 Steel V-1649
STD 1116,501 Steel V-1650
STD 1116,72 Steel 1672
STD 1121,2 Steel 2120
STD 1121,261 Steel V-2126
STD 1121,931 Steel V-2193
STD 1121,951 Steel V-2195
STD 1121,971 Steel V-2197
STD 1122,25 Steel 2225
STD 1122,34 Steel 2234
STD 1122,44 Steel 2244
STD 1122,441 Steel V-2244
STD 1122,451 Steel V-2245
STD 1122,501 Steel V-2250
STD 1125,41 Steel 2541

2009-08-14

STD 1026,3241 Water absorption
STD 1026,8131 Discoloration of organic finishes
STD 1211,16 Plastic 91116
STD 1211,17 Plastic 91117
STD 1211,51 Plastic 91151
STD 1211,52 Plastic 91152
STD 1211,53 Plastic 91153
STD 1212,01 Plastic 91201
STD 1212,03 Plastic 91203
STD 1212,06 Plastic 91206
STD 1212,07 Plastic 91207
STD 1212,4 Plastic 91240
STD 1212,61 Plastic 91261
STD 1212,63 Plastic 91263
STD 1212,66 Plastic 91266
STD 1212,87 Plastic 91287
STD 1213,71 Plastic 91371
STD 1213,72 Plastic 91372
STD 1223,14 Rubber 92314
STD 1223,15 Rubber 92315
STD 1223,22 Rubber 92322
STD 1224,7 Rubber 92470

2009-07-13

STD 1026,3501 Moisture ingress ion
STD 1026,6522 Mass per unit area – Cellular plastics

2009-07-09

STD 311-0001 Steel. General structural steel, plate/sheet
STD 311-0002 Steel sheet metal. Low-strength and high-strength steel, uncoated and zinc-coated cold-rolled and hot-rolled sheet metal
STD 311-0003 Steel for cold forming. Uncoated hot-rolled sheet metal for cold forming
STD 311-0006 Steel. General structural steel, structural, pneumatic and hydraulic tubes

2009-07-06

VCS 1024,71329 Stone ship resistance
VCS 1110,08 Spring steels
VCS 5021,359 Technical regulations (TR) for screw joints
VCS 5063,7 Material classes for sheet metal parts
VCS 5750,129 List of colours
VCS 7411,1829 Bulge dimensioning

2009-07-03

STD 121-0001 Painting Y 600
STD 121-0003 Cathodically protective surface treatment with friction requirement Y 1000
STD 1287,3 Anti-rust agent 98730
STD 7161,63 Hose clamps with worm screw

2009-06-30

STD KAL 490,12 Electrical nut runners
STD 103-0010 Marking of aluminium parts
STD 181-0002 Fusion welding
STD 911-0003 Colour master samples for exterior paints

2009-06-23

STD 120-0009 Surface requirements - Painted cabs and related parts
STD 311-0005 Steel
STD 5732,12 Chromium plating Y 120

2009-06-11

VCS 1263,19 Sealant 96310
VCS 5023,59 Additions to Ford Motor Company Engineering CAD & Drafting Standards (FECDS)

2009-06-03

VCS 1119,04 Steel
VCS 5737,19 Cathodically protective surface treatment with friction requirement Y 100

2009-06-02

STD 311-0004 Steel, free-cutting steel
STD 1152,7 Brass 5170
STD KAL 610,10 Cylindrical plug gauges
STD KAL 640,10 Cylindrical screw plug gauges
STD KAL 640,30 Taper screw plug gauges
STD KAL 650,10 Gauges for involute spline holes
STD KAL 660,30 Expanding hydraulic mandrels
STD KAL 680,10 Profile templates
STD KAL 680,20 Knife-edge straightedges
STD KAL 680,21 Steel straightedges
STD KAL 681,10 Groove gauges
STD KAL 682,11 Tapered feeler gauges
STD KAL 682,12 Taper gauges
STD KAL 685,10 Measuring instruments for function check

2009-05-27

VCS 1271,479 Sealer
VCS 5021,359 Technical Regulations (TR) for screw joints
VCS 5023,509 Symbols, designations and general drawing methods
VCS 5026,29 Master location system
VCS 5511,179 Application of consequence classes on screw joints
VCS 5605,5159 Fusion welding

2009-05-26

STD 101-0005 Symbols, designations and general drawing methods
STD 5023,503 Symbols, designations and general drawing methods
STD KAL 729,05 Set squares 90 °
STD KAL 732,10 Calibration record for horizontal length-measuring machines
STD KAL 732,20 Calibration record for SIP Universal Measuring Machine Trioptic
STD KAL 732,25 Calibration record for Universal Measuring Machine SIP 414M
STD KAL 732,30 Calibration record for height-measuring instruments and scribing instruments

2009-05-20

STD 1026,8432 Colour fastness to rubbing, rubber, plastics and textiles
STD 1026,8433 Colour fastness to rubbing with organic solvents
STD 1026,8434 Colour fastness to rubbing, paints and enamels
STD 1271,45 Lubricant 97145
STD 5034,2 Failure mode and effects analysis, FMEA

2009-05-12

STD 103-0020 Marking on filters

2009-05-04

STD KAL 520,45 Dial bore gauges with cylindrical guide body, two-point measurement
STD KAL 530,10 Indicating snap gauges
STD KAL 570,10 Pneumatic hole gauges
STD KAL 580,15 Electronic ring gauges for inspection of shafts
STD KAL 580,20 Electronic length-measuring instruments (portable, with measuring probe)
STD KAL 620,10 Taper plug gauges and taper ring gauges
STD KAL 650,10 Gauges for involute spline holes
STD KAL 660,10 Fixed cylindrical mandrels, taper mandrels and spline mandrels
STD KAL 660,20 Expanding indicating mandrels, Tobler type
STD KAL 670,10 Measuring pins
STD KAL 671,10 Measuring balls

2009-04-27

STD 103-0013 Parts marking with bar codes and 2D symbologies
STD 311-0005 Steel General structural steel
STD 1026,8242 Colour fastness to artificial light at 100 °C
STD 1026,8243 Light fastness 60 °C

2009-04-09

STD 423-0014 Accelerated corrosion test

2009-03-30

STD KAL 320,10 Length-measuring machines
STD KAL 322,10 Electronic height gauges
STD KAL 322,20 Scribing and height gauges
STD KAL 325,10 Calibration equipment for dial indicators and transducers
STD KAL 325,20 Calibration fixture for dial bore gauges
STD KAL 341,10 Surface roughness testers without skid
STD KAL 342,10 Roundness testers
STD KAL 370,10 Measuring fixtures with measuring probes and instruments
STD KAL 370,30 Fixtures for electronic gauges
STD KAL 370,40 Measuring fixture W-151205 for calibration of micrometers
STD KAL 390,30 Measuring machine ZKM 01-250C
STD KAL 420,40 Tubular inside micrometers
STD KAL 420,50 V-Anvil micrometers (using measuring pins)
STD KAL 420,51 V-Anvil micrometers with 60 and 108 V-blocks for external measurement (using measuring machine)
STD KAL 430,10 Bevel protractors
STD KAL 430,20 Clinometers
STD KAL 490,10 Torque wrenches
STD KAL 510,15 Dial indicators and dial test indicators, digital and analogue
STD KAL 520,15 Dial caliper gauges for external and internal measurement
STD KAL 520,30 Dial bore gauges
STD KAL 520,40 Dial bore gauges with split measuring probe

2009-03-25

STD 5660,5 Soldering and brazing of metallic materials

2009-03-24

STD 311-0004 Steel, free-cutting steel

2009-03-19

VCS 5750,149 Safety decals

2009-03-12

VCS 1287,09 Approved delivery and drawing lubricants

2009-03-10

STD 1027,33759 Moisture resistance in tropical cabinet
STD 5742,104 Phosphating Y 104
STD 311-0008 Spring steels

2009-03-06

STD 103-0002 Generic identification and marking of plastics and elastomer components
STD 8632,4 Projection welding of weld nuts

2009-03-03

STD KAL 290,10 Surface plates (using electronic levels)
STD 1026,8177 Chemical resistance
STD 1129,1 Steel V-2910
STD 5732,107 Lead coating Y 107
STD 7411,1641 Hose assemblies

2009-02-26

STD 311-0004 Steel, free-cutting steel
STD 1119,12 Steel 1912
STD 1119,14 Steel 1914
STD 1119,57 Steel 1957
STD 1119,801 Steel V-1980
STD 1119,811 Steel V-1981

2009-02-12

VCS 5572,19 Structural adhesive bonding and weld sealing
VCS 5737,19 Cathodically protective surface treatment with friction requirement
Y 100

2009-02-10

STD 103-0001 Codes for the representation of names of countries
VCS 5021,349 Supplier documents

2009-02-05

STD 1029,5466 Adhesion, lap-shear strength test

2009-01-29

VCS 5001,009 Terminology for product development and production
VCS 5023,59 Additions to Ford Motor Company Engineering CAD & Drafting
Standards (FECDS)

2009-01-27

VCS 5020,3 Approval (establishment) of technical documentation - parts
VCS 5021,11 Document structure
VCS 5023,059 General requirements for design engineering documentation
VCS 9123,29 Classification of industrial documents

2009-01-21

VCS 5032,29 Documentation requirements
VCS 5060,019 Principles for tolerance requirements
VCS 5062,49 Maximum material principle
VCS 5063,39 Prematching and matching of parts in thin-walled product design

2009-01-20

VCS 5751,59 Paint systems

2009-01-15

- STD KAL 110,10 General guidelines for calibration
- STD KAL 420,10 Two-point micrometers for external and internal measurement
- STD KAL 420,30 Depth micrometers

2009-01-13

- STD KAL 110,06 General information on traceability at calibration
- STD KAL 110,11 Marking of measuring instruments
- STD KAL 110,15 Deviations - symbols and definitions for length-measuring instruments
- STD KAL 111,10 Wear limits for product-adapted measuring instruments
- STD KAL 231,10 Master gauges for spline ring gauges (involute profile)
- STD KAL 231,15 Master gauges for spline ring gauges (straight-sided)
- STD KAL 260,20 Measurement standards for roundness testers
- STD KAL 280,10 Gauge block sets
- STD KAL 283,10 Reference standards for gear-measuring machines
- STD KAL 285,10 Straightedges
- STD KAL 290,12 Parallels
- STD KAL 290,50 Set squares 90°
- STD KAL 291,10 Angle plates
- STD KAL 292,10 Sine bars
- STD KAL 292,11 Sine plates
- STD KAL 292,12 Sine vices
- STD KAL 294,10 Test benches for run-out testing (centre supports)
- STD KAL 410,10 Vernier callipers
- STD KAL 410,20 Vernier depth gauges
- STD KAL 411,10 Steel rules
- STD KAL 420,21 Three-point micrometers
- STD 5714,105 Phosphate coatings – Determination of coating mass per unit area – Gravimetric methods

2009-01-08

- STD 181-0001 Fusion welding, steel sheet > 3 mm