

List of JSCE Standards in 2010

Categories	Standards #	Year	Titles
A. Cement	-	-	-
B. Water	JSCE-B 101	2010	Specification for mixing water for concrete
C. Aggregates	JSCE-C 101	2007	Specification for high strength lightweight aggregate made of fly ash for concrete
	JSCE-C 502	2010	Test method for chloride ion content in sea sand (Titration method)
	JSCE- C 503	2007	Test method for chloride ion content in sea sand (Simple measuring instrument method)
	JSCE-C 504	2007	Test method for content ratio of blast-furnace slag fine aggregate in fine aggregate mixed blast-furnace slag
	JSCE-C 505	2001	Test method for crushing load of high strength lightweight aggregate made of fly ash
	JSCE-C 506	2003	Test method for density and water absorption of slag fine aggregate for concrete by measurement of electric resistance
	JSCE-C 511	2007	Test method for evaluation of alkali silica reactivity of aggregates (Modified chemical method)
D. Admixtures	JSCE-D 102	2005	Specification for set accelerating agent for sprayed concrete (mortar)
	JSCE-D 104	2007	Specification for anti-washout admixture for concrete
	JSCE-D 107	2010	Specification for air-entraining agent for fly ash concrete
	JSCE-D 501	2007	Test method for content and replacement ratio of ground granulated blast-furnace slag in concrete
	JSCE-D 503	2010	Test method for replacement ratio of fly ash in concrete
E. Reinforcements	JSCE-E 101	2010	Specification for steel fiber for concrete
	JSCE-E 102	2003	Specification for epoxy-coated reinforcing steel bars
	JSCE-E 103	2010	Specification for steel bars for plastic-coated reinforcing steel bars
	JSCE-E 104	2003	Specification for coatings of epoxy-coated reinforcing steel bars
	JSCE-E 105	2003	Specification for repair paint of epoxy-coated reinforcing steel bars
	JSCE-E 112	2010	Specification for blasting of steel bars for plastic-coated reinforcing steel bars
	JSCE-E 121	2010	Specification for D57 and D64 reinforcing bar with screw lugs for reinforced concrete
	JSCE-E 131	1999	Specification for continuous fiber reinforcing materials
	JSCE-E 501	1999	Test method for fatigue of splice of reinforcing bar
	JSCE-E 503	1999	Test method for performance of anchorages and couples in pre-stressed concrete
	JSCE-E 512	2003	Test method for holiday of epoxy-coated reinforcing steel bars
	JSCE-E 513	2003	Test method for coating thickness of epoxy-coated reinforcing steel bars
	JSCE-E 514	2003	Test method for impact strength of epoxy-coated reinforcing steel bars
	JSCE-E 515	2010	Test method for bendability of plastic-coated reinforcing steel bars
	JSCE-E 516	2010	Test method for bond strength of plastic-coated reinforcing steel bars
	JSCE-E 518	2003	Test method for corrosion resistance of epoxy-coated reinforcing steel bars
	JSCE-E 519	2010	Test method for hardness of coating of epoxy-coated reinforcing steel bars
	JSCE-E 521	2003	Test method for visual inspection of coatings for epoxy-coated reinforcing steel bars
	JSCE-E 522	2003	Test method for adhesiveness of coatings for epoxy-coated reinforcing steel bars
	JSCE-E 523	2003	Test method for impact strength of coatings for epoxy-coated reinforcing steel bars
	JSCE-E 526	2010	Test method for hardness of coating for epoxy-coated reinforcing steel bars
	JSCE-E 527	2003	Test method for corrosion resistance of coatings for epoxy-coated reinforcing steel bars
	JSCE-E 528	2010	Test method for chemical resistance of coating for epoxy-coated reinforcing steel bars
	JSCE-E 529	2003	Test method for repair paint of epoxy-coated reinforcing steel bars
	JSCE-E 530	2003	Test method for chloride ion diffusivity of coatings for epoxy-coated reinforcing steel bars
	JSCE-E 531	2010	Test method for tensile properties of continuous fiber reinforcing materials
	JSCE-E 532	1999	Test method for flexural tensile properties of continuous fiber reinforcing materials
	JSCE-E 533	2007	Test method for creep failure of continuous fiber reinforcing materials
	JSCE-E 534	1999	Test method for long-term relaxation of continuous fiber reinforcing materials
	JSCE-E 535	1999	Test method for tensile fatigue of continuous fiber reinforcing materials
	JSCE-E 536	1999	Test method for coefficient of thermal expansion of continuous fiber reinforcing materials by thermo-mechanical analysis
	JSCE-E 537	1999	Test method for performance of anchorages and couplers in prestressed concrete using continuous fiber reinforcing materials
	JSCE-E 538	2007	Test method for alkali resistance of continuous fiber reinforcing materials
	JSCE-E 539	2007	Test method for bond strength of continuous fiber reinforcing materials by pull-out testing
	JSCE-E 540	2007	Test method for shear properties of continuous fiber reinforcing materials by double plane shear
	JSCE-E 541	2007	Test method for tensile properties of continuous fiber sheets
	JSCE-E 542	2007	Test method for overlap splice strength of continuous fiber sheets
	JSCE-E 543	2007	Test method for bond properties of continuous fiber sheets to concrete
	JSCE-E 544	2007	Test method for bond strength of continuous fiber sheets to steel plate
	JSCE-E 545	2007	Test method for direct pull-off strength of continuous fiber sheets with concrete
	JSCE-E 546	2007	Test method for tensile fatigue strength of continuous fiber sheets
	JSCE-E 547	2007	Test method for accelerated artificial exposure of continuous fiber sheets
JSCE-E 548	2007	Test method for freeze-thaw resistance of continuous fiber sheets	
JSCE-E 549	2007	Test method for water, acid and alkali resistance of continuous fiber sheets	
JSCE-E 601	2007	Test method for half-cell potentials of uncoated rebars in concrete structures	
JSCE-E 701	2010	Test method for resistance of metal sheath for prestressed concrete under concentrated loading	
JSCE-E 702	2010	Test method for resistance of metal sheath for prestressed concrete under uniform compressive loading	

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	JSCE-E 703	2010	Test method for flexibility of metal sheath for prestressed concrete
	JSCE-E 704	2010	Test method for resistance of plastic sheath for prestressed concrete under concentrated loading
	JSCE-E 705	2010	Test method for resistance of plastic sheath for prestressed concrete under uniform compressive loading
	JSCE-E 706	2010	Test method for flexibility of plastic sheath for prestressed concrete
	JSCE-E 707	2010	Test method for leak tightness for plastic sheath of prestressed concrete
	JSCE-E 708	2010	Test method for flexural characteristics of plastic sheath for prestressed concrete
	JSCE-E 709	2010	Test method for abrasion resistance of plastic sheath for prestressed concrete
	JSCE-E 710	2010	Test method for bond characteristics of plastic sheath for prestressed concrete
F. Fresh concrete	JSCE-F 501	1999	Test method for consistency of concrete for pavement using vibrating table
	JSCE-F 502	2010	Test method for bleeding of concrete under pressure
	JSCE-F 504	1999	Method of making compressive strength specimens of anti-washout concrete cast in water
	JSCE-F 505	2007	Method of making mortar in laboratory
	JSCE-F 506	2010	Method of making cylindrical specimens of mortar or cement paste for compressive strength
	JSCE-F 507	2007	Test method for consistency of concrete for RCD
	JSCE-F 508	2007	Test method for compactability of extremely dry concrete
	JSCE-F 509	2010	Test method for deformability of fresh concrete using a pumping tester
	JSCE-F 511	2010	Test method for passability through obstacle of self-compacting concrete
	JSCE-F 512	2007	Test method for flowability of self-compacting concrete (Funnel method)
	JSCE-F 513	2010	Test method for air content of self-compacting concrete by pressure method
	JSCE-F 514	2010	Test method for L-type flow of self-compacting concrete
	JSCE-F 515	1999	Method of making specimen of self-compacting concrete for compressive strength
	JSCE-F 521	1999	Test method for flowability of grout mortar for prepacked concrete (P-type funnel method)
	JSCE-F 522	2007	Test method for bleeding ratio and expansion ratio of grout mortar for prepacked concrete (Polyethylene bag method)
	JSCE-F 531	2010	Test method for flowability of grout for prestressing bar
	JSCE-F 532	1999	Test method for bleeding ratio and expansion ratio of grout for prestressing bar (Polyethylene bag method)
	JSCE-F 533	2007	Test method for bleeding ratio and expansion ratio of grout for prestressing bar (Vessel method)
	JSCE-F 541	2010	Test method for flowability of filling mortar
	JSCE-F 542	1999	Test method for bleeding ratio and expansion ratio of filling mortar
	JSCE-F 546	2007	Test method for rheological constants of filling mortar and grout for prestressing bar (Inclined-pipe method)
	JSCE-F 551	1999	Method of making steel fiber reinforced concrete on laboratory
	JSCE-F 552	2010	Method of making specimens for strength and toughness of steel fiber reinforced concrete
	JSCE-F 553	1999	Method of making specimens for strength and toughness of sprayed steel fiber reinforced concrete
	JSCE-F 554	1999	Test method for content of steel fiber in steel fiber reinforced concrete
	JSCE-F 555	1999	Test method for content of steel fiber in sprayed steel fiber reinforced concrete
	JSCE-F 561	2005	Method of making specimens for compressive strength of sprayed concrete (mortar)
	JSCE-F 562	2005	Method of making specimens for durability tests of sprayed concrete (mortar)
	JSCE-F 563	2005	Test method for rebound percentage of sprayed concrete (mortar)
	JSCE-F 564	2005	Test method for dust concentration in air during spraying concrete (mortar)
	JSCE-F 565	2005	Test method for mechanical properties, spraying performance and durability of sprayed concrete (mortar)
	JSCE-F 566	2005	Method of making specimens of bond strength of sprayed concrete (mortar) for repairing and strengthening
G. Hardened concrete	JSCE-G 503	2010	Test method for bond strength between reinforcing steel and concrete by pull-out test
	JSCE-G 504	2007	Test method for concrete strength by test hammer
	JSCE-G 505	2010	Test method for compressive strength of mortar and cement paste using cylindrical specimens
	JSCE-G 521	2007	Test method for compressive strength of grout mortar for prepacked concrete
	JSCE-G 522	1999	Test method for compressive strength of prepacked concrete
	JSCE-G 531	2007	Test method for compressive strength of grout for prestressing bar
	JSCE-G 541	1999	Test method for compressive strength of filling mortar
	JSCE-G 551	2010	Test method for compressive strength and compressive toughness of steel fiber reinforced concrete
	JSCE-G 552	2010	Test method for bending strength and bending toughness of steel fiber reinforced concrete
	JSCE-G 553	2010	Test method for shear strength of steel fiber reinforced concrete
	JSCE-G 561	2010	Test method for early strength of sprayed concrete by pull-out method
	JSCE-G 562	2010	Test method for early strength of sprayed concrete using prism specimens
	JSCE-G 563	2010	Test method for strength of sprayed concrete (mortar) for repairing and strengthening using prism specimens
	JSCE-G 564	2010	Test method for length change of sprayed concrete (mortar) for repairing and strengthening
	JSCE-G 571	2010	Test method for effective diffusion coefficient of chloride ion in concrete by migration
	JSCE-G 572	2010	Test method for apparent diffusion coefficient of chloride ion in concrete by submergence in salt water

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Categories	Standards #	Year	Titles
	JSCE-G 573	2010	Measurement method for distribution of total chloride ion in concrete structure
	JSCE-G 574	2010	Area analysis method for elements distribution in concrete by using EPMA
	JSCE-G 575	2005	Test method for leaching of trace elements from hardened concrete
H. Precast concrete	JSCE-H 101	2010	Specification for resin adhesive for precast concrete (for bridge beam)
I. Construction materials & equipment	JSCE-I 501	2007	Test method for weighing and feeding performance of continuous mixer
	JSCE-I 502	2007	Test method for mixing performance of continuous mixer
J. Resin concrete	-	-	-
K. Repairing materials	JSCE-K 511	2010	Test method for weathering resistance of concrete surface coating materials
	JSCE-K 521	2010	Test method for oxygen permeability of concrete surface coating materials
	JSCE-K 522	2010	Test method for vapor permeability of concrete surface coating materials
	JSCE-K 523	2010	Test method for water permeability of concrete surface coating materials
	JSCE-K 524	2010	Test method for chloride ion permeability of concrete surface coating materials
	JSCE-K 531	2010	Test method for bond strength of concrete surface coating materials
	JSCE-K 532	2010	Test method for elongation performance of concrete surface coating materials over concrete crack
	JSCE-K 533	2010	Test method for resistance against falling of concrete pieces for surface coating materials by means of punching loading
	JSCE-K 541	2010	Test methods of organic injecting materials for repairing in concrete structure
	JSCE-K 542	2010	Test methods of cement crack injecting materials for repairing in concrete structures
	JSCE-K 543	2010	Test methods of polymer modified cement crack injecting materials for repairing in concrete structures
	JSCE-K 551	2010	Test method of grouting organic materials for repairing and strengthening in concrete structures
	JSCE-K 552	2010	Test methods of cement grouting materials for repairing and strengthening in concrete structures
	JSCE-K 553	2010	Test methods of polymer modified cement grouting materials for repairing and strengthening in concrete structures
	JSCE-K 561	2010	Test method of patching repair materials in concrete structures
	JSCE-K 562	2008	Test method of measuring resistivity for patching repair materials with four electrodes
	JSCE-K 571	2010	Test methods of surface penetrants for concrete structures