

-A-			505.6(C)	p.420
			Acetone	p.394
			Acrolein	406.1(B3) p.301
			Adapter, polarized	240.54 p. 129
			Adapters	DEF 100 p.26
			Adapters, motion pictures	520.69 p.489
			Adapters, two-fers	501.17(4) p.401
			Add-on secondary seal	310.15(B)(2) p.185
			Adder, temperature	110.26(D) p.69
			Additional lighting outlets	90.1(B) p.23
			Adequacy	392.18(F) p.266
			Adequate access cable tray	250.116 <i>I.N.</i> p.155
			Adequate bonding	300.5(F) p.168
			Adequate compaction of fill	110.26(D) p. 69
			Adjacent light source	210.52(D) p. 88
			Adjacent to basin location	DEF 100 p. 26
			Adjustable speed drive	DEF 100 p. 26
			Adjustable speed drive, nonlinear	430.122(A) p.359
			Adjustable speed drive system	240.6(B) p.124
			Adjustable trip circuit breaker	334.10(B3) p.225
			Adobe	682.1 p.600
			Aeration ponds	382.12(2) p.260
			Aerial cable	406.4(D) p.298
			AFCI & GFCI readily access.	210.12(E) p.83
			AFCI, branch circuit extensions	210.12(C) p.83
			AFCI,dormitory units	210.12(B) p.82
			AFCI, dwelling units	210.12(D1) p.83
			AFCI, guest rooms	210.12(D1) P.83
			AFCI, guest suites	210.12(B13) p.83
			AFCI, laundry room	210.12(D2) p.83
			AFCI, limited care facilities	210.12(D2) p.83
			AFCI, patient sleeping rooms	230.95(C) <i>I.N.</i> #1 p.115
			Afford no protection	517.64(F) <i>I.N.</i> p.479
			Agents, anesthetic	360.12(4) p.246
			Aggregate	547.7 p.497
			Agricultural building, service	547.20 p.498
			Agricultural buildings, wiring	Art. 547 p.498
			Agricultural buildings	440.6(A) ex.1 p.366
			Air cond. branch-circuit select.	440.64 p.370
			Air conditioner cord length	440.14 p.367
			Air conditioner, disconnect location	440.65 p.371
			Air conditioner, LCDI,AFCI,HDCI	440.62(C) p.370
			Air conditioners, plug connected	440.62(C) p.370
			Air conditioners, room	440.13 p.367
			Air conditioners, water coolers, beverage	440 p.365
			Air conditioning and refrigeration equip. Art.	250.104(B) <i>I.N.</i> #1 p.153
			Air conditioning equipment	300.22 p.174
			Air ducts	830.179(A) p.712
			Air handling spaces	668.31 p.582
			Air handling spaces, type BLP	424.59 <i>I.N.</i> p.326
			Air hoses	300.6(D) p.170
			Air moving device	
			Air space	
A/C rated-load current	DEF 100	p.55		
Abandoned cables	DEF 100	p.29		
Abandoned cables	770.25	p.677		
Abandoned outlets	390.57	p.264		
Above floor level, garages	T.511.3(C)	p.438		
Above ground storage tanks	T.515.3	p.452		
Aboveground conductors, install.	305.15(C)	p.176		
Abrasion	334.12(B)	p.225		
Abrasion	344.46	p.234		
Abrasives	110.12(B)	p.64		
Absorbent materials	300.6(D)	p.170		
Absorbing regenerated power	620.91(A)	p.556		
AC - DC in same enclosure	300.3(C1)	p.166		
AC - DC in same enclosure	724.48(A)	p.660		
AC - DC, snap switch inductive	404.14(B2)	p.296		
AC - DC, tapped	210.10	p.81		
AC adjustable motor, ampacity	430.6(C)	p.340		
AC cable, adequate path	320.108	p.218		
AC cable	DEF 100	p.30		
AC cable, place of assembly	518.4(A4)	p.482		
AC cable, service	230.43	p.110		
AC cable, uses not permitted	320.12(4)	p.217		
AC circuit less than 50v grounded	250.20(A)	p.139		
AC module system	DEF 100	p.49		
AC phase bus arrangement	408.3 (E1)	p.303		
AC receptacle	210.63	p.89		
AC resistance,	Table 9	p.726		
AC snap switch	404.14(A)	p.296		
AC & Ref Equipment, grounding	440.9	p.366		
AC & Ref Equipment, short circuit,	440.10	p.366		
Accelerate their loads	440.54(B)	p.370		
Acceleration, motor	430.32(C)	p.347		
Access to elect. equipment	760.21	p.670		
Access to elect. equipment	770.21	p.677		
Access to elect. equipment	725.21	p.661		
Access to elect. equipment	800.21	p.686		
Access to manholes, dimensions	110.75(A)	p.74		
Access to other boxes, luminaires	410.118	p.314		
Access, electric equipment	110.26	p.67		
Accessible, attics	320.23	p.217		
Accessible, boxes	314.29	p.201		
Accessible, electrode connection	250.68(A)	p.149		
Accessible, readily, disconnect A/C	440.14	p.367		
Accessible, sign transformer	600.21(A)	p.537		
Accessible, switches 6' 7"	404.8(A)	p.295		
Accessible, to pedestrians	600.5(A)	p.534		
Accessory building	210.70(A2)	p.89		
Accessory buildings, GFCI	210.8(A2)	p.80		
Accessory buildings, receptacles	210.52(G)(2)	p.88		

Air space, cabinets & cutout boxes	312.2	p.190	Ampacity, bare conductor	310.15(D)	p.186
Air space, between lamps and shades	410.70	p.313	Ampacity, bare copper bars	366.23(A)	p.249
Air voids, romex	334.10(A2)	p.125	Ampacity, busbar	366.23(A)	p.249
Air, free circulation of	110.13(B)	p.64	Ampacity, cables type W & G	T.400.5(A2)	p.284
Air-break isolating switch	235.404(A)	p.121	Ampacity, capacitor conductors	460.8(A)	p.380
Aircraft fuel tanks	513.3(C1)	p.444	Ampacity, Class 1 conductors	724.49(A)	p.660
Aircraft hangar, underground wiring	513.8	p.444	Ampacity, conduit in free air	T.(B2)(1)	p.762
Aircraft hangars	Art. 513	p.443	Ampacity, covered conductor	T. 310.21	p.191
Aircraft hangars, pit	513.3(A)	p.443	Ampacity, extra-hard usage cords	T.520.44(C2)	p.485
Aircraft hangars, stock rooms	513.3(D)	p.444	Ampacity, feeder minimum	215.2(A)	p.90
Aircraft hangars, ventilated	513.3(D)	p.444	Ampacity, ferromagnetic envelope	426.40	p.336
Aircraft painting hanger	DEF 100	p.26	Ampacity, fixture wires	402.5	p.294
Airfield lighting cable	315.36 ex. 2	p.206	Ampacity, flex. cords & cables	T.400.5(A1)	p.284
Airfield lighting cable tray	392.10(E)	p.265	Ampacity, free air	T.310.17	p.188
Airport runways	T.305.15(A)	p.177	Ampacity, generators	445.13	p.371
Airport runways, cable	T.300.5	p.169	Ampacity, hoists & cranes	T.610.14(A)	p.543
Airports, airfield lighting cable	392.10(E)	p.265	Ampacity, knob and tube wiring	T.310.17	p.188
Airspace for nonmetallic boxes	300.6(D) ex.	p.170	Ampacity, lowest value	310.14(A2)	p.183
Alarm threshold value	517.160(B1) ex.	p.481	Ampacity, monorail hoist	T.610.14(A)	p.543
Alarm threshold value	517.160(B2) ex.	p.481	Ampacity, motor feeder cond.	430.24	p.345
Alarm, fire systems	760.1	p.669	Ampacity, motor resistors	T.430.23(C)	p.345
Alerting system, alarm	517.33(C)	p.472	Ampacity, neutral conductor solar	705.28(C)	p.641
Alternate source for emerg. systems	700.31	p.632	Ampacity, NM-NMC cable	334.80	p.226
Alternate source power, hospital	517.44	p.476	Ampacity, phase converter	455.6	p.379
Aluminum bars, ampacity	366.23(A)	p.249	Ampacity, power resistors	T.430.29	p.346
Aluminum bonding jumper	T.250.102(C1)	p.152	Ampacity, resistance welders	630.31	p.564
Aluminum cond., wire bending space	T.312.6(B)	p.193	Ampacity, romex 60°C	334.80	p.226
Aluminum conductors CO/ALR	406.3(C)	p.297	Ampacity, selection	310.14(A2)	p.183
Aluminum conductors size	310.3(C)	p.177	Ampacity, inter. conn.power neutral	705.28(C)	p.641
Aluminum fittings & enclosures	358.14	p.245	Ampacity, solar system	690.8(B)	p.604
Aluminum grounding conductor	250.64(A)	p.147	Ampacity, stage lights	520.42	p.485
Aluminum inhibitor required	110.14	p.65	Ampacity, temperature rating	110.14(C)	p.65
Aluminum neutral underground	230.30(A) ex.4	p.109	Ampacity, termination	310.15(A)	p.184
Aluminum not magnetic mat.	300.20(B) <i>I.N.</i>	p.173	Ampacity, transformer tie	450.6(A2)	p.375
Aluminum siding, grounding	250.116 <i>I.N.</i>	p.155	Ampacity, tray cable	336.80	p.228
Aluminum, compact bending	T.312.6(A) note 2	p.192	Ampacity, UF cable 60°C	340.80	p.231
Amateur trans. station, ground	810.58(C)	p.707	Ampacity, welders	630.11	p.564
Amateur transmitting station	T.810.52	p.706	Ampacity, X-Ray equip.	517.73(B) <i>I.N.</i>	p.479
Ambient temp. exceeds 86°F	T.310.15(B)(1)(1)	p.185	Ampacity, X-ray momentary	660.6(B)	p.578
Ambient Temperature	310.14(A3) <i>I.N.#1</i>	p.183	Ampacity. armored cable	320.80	p.218
American Wire Gage (AWG)	110.6	p.64	Ampere limit on conductor	724.179(A9)	p.657
Ammeter conductors	305.4(2)	p.175	Ampere rating, circuit breakers	240.83(A)	p.130
Ammeter, anesthetizing	517.160(B3) <i>I.N.</i>	p.481	Ampere, excess of 2000	225.30(D)	p.104
Ammonia	500.6(A4) <i>I.N. #2</i>	p.392	Ampere, fraction .5 and larger	Annex D	p.834
Ampacities, voltage drop	310.14 <i>I.N. #1</i>	p.183	Amplification	Art. 640	p.565
Ampacity,	Annex B	p.760	Amplifier output circuits	640.9(C)	p.567
Ampacity,	DEF 100	p.26	Amusement operator	DEF 100	p.50
Ampacity, 15 minute motor	T.610.14(A) Note	p.543	An appliance, infrared lamps	422.11(C)	p.319
Ampacity, adjustment factors	310.15(C)	p.184	Anchoring, FCC cable	324.30	p.220
Ampacity, aluminum	T.310.16	p.187	Anesthetic agents	517.64(F) <i>I.N.</i>	p.479
Ampacity, aluminum bars	366.23(A)	p.249	Anesthetics, flammable Class I	517.60(A2)	p.477
Ampacity, bare cond. & insulated	310.15(D)	p.186	Anesthetizing location remote cont.	517.63(D)	p.478

Anesthetizing location, definition	DEF 100	p.46	Appliances, nameplate marking	422.60(A)	p.322
Anesthetizing location, recept.	517.61(A5)	p.477	Appliances, no nameplate O.C.P.	422.11(E3)	p.319
Anesthetizing locations, lt. fixtures	517.63(C1)	p.478	Appliances, overcurrent protection	422.11(A)	p.318
Anesthetizing, ammeter	517.160(B3)	p.481	Appliances, resistance-heating	422.11(F)	p.319
Angle pull, boxes	314.28(A2)	p.200	Appliances, signal heat	422.42	p.321
Animal confinement areas	547.44(A1)	p.500	Appliances, unit switches	422.34	p.321
Animal excrement, corrosive	547.1(B1)	p.498	Appliances, utilizing separable attach. fittings	422.22	p.320
Animated props	DEF 100	p.38	Appliances, water heaters b.c.	422.13	p.319
Annex A Product safety standards		p.734	Applicable derived system	250.146(D)	p.160
Annex B Application Information for Ampacity		p.760	Applicator	DEF 100	p.26
Annex C Conduit, tubing and cable fill tables		p.773	Approved	110.2	p.63
Annex D Examples		p.834	Approved fittings Class I, Div 1	501.10(A)3	p.396
Annex E Types of construction		p.848	Approved power outlet	590.4(C)	p.531
Annex F Availability & reliability of COPS		p.850	Approved stapling, heat cables	424.41(F)	p.325
Annex G Supervisory Control & Data (SCADA)		p.852	Appurtenance, architectural	110.26(E2)(b)	p.69
Annex H Administration & Enforcement		p.853	Aquarium, shall be grounded	250.114(3)(b)	p.155
Annex I Torque Values		p.859	Arc energy reduction	240.87	p.131
Annex J ADA standards		p.861	Arc energy reduction	240.87(B) I.N.2	p.131
Annex K Use of medical electrical equip. in dwellings		p.864	Arc energy reduction	240.67	p.130
Anodizing, electroplating	669.1	p.582	Arc energy reduction, performance test	240.67(C)	p.130
ANSI Z535.4-2011	110.21(B) <i>I.N.</i>	p.67	Arc energy reduction, performance test	240.87(C)	p.131
Antenna box barrier	810.18(C)	p.705	Arc flash mitigation system	240.87 <i>I.N. 2</i>	p.131
Antenna conductors, clearance	800.44(A)	p.687	Arc lamps, stage portable	520.61	p.488
Antenna grd. conductor #14	820.100(A)	p.708	Arc or thermal effects	DEF 100	p.49
Antenna Lead-In Protectors	810.6	p.704	Arc projectors, conductor size	540.13	p.496
Antenna systems	Art. 810	p.704	Arc welders	630.11	p.564
Antenna systems, bonding	810.15	p.704	Arc-fault cir. interrupter, dwelling	210.12(B)	p.82
Antenna systems, bonding jumper	820.100(A)	p.708	Arc-fault circuit interrupter,	DEF Art. 100	p.27
Antenna systems, material	810.11 ex.	p.704	Architectural appurtenance	110.26(E2)(b)	p.69
Antenna, receiving station grd.	810.21(F2)	p.706	Arcing across discontinuities	501.125(B) <i>I.N. #2</i>	p.404
Antennas, indoor lead-ins	810.18(B)	p.705	Arcing effects, equipment	110.3(A6)	p.63
Antennas, radio-TV	225.19(B)	p.103	Arcing equipment Class I	511.7(B1a)	p.439
Antennas, voltage to ground	810.16(B)	p.704	Arcing or suddenly moving parts	240.41	p.129
Antioxident materials	480.4(A)	p.382	Arcing parts, electrical equipment	110.18	p.66
Appliance garages	210.52(C3)	p.87	Area circular mils	Table 8	p.725
Appliance, cord-plug disconnect	422.33(A)	p.321	Area sq. inch, insulated conduct.	Table 5	p.720
Appliance, fixed definition	DEF 100	p.26	Area square inch, bare conduct.	Table 8	p.725
Appliance GFCI	422.5	p.318	Area square inch, compact alum.	Table 5A	p.724
Appliance GFCI type	422.5(B)	p.318	Area square inch, conduit	Table 4	p.716
Appliance GFCI 50 volts	422.6	p.318	Armature lead, DC generator	445.12(E)	p.371
Appliance loads	220.53	p.96	Armature shunt resistor	430.29	p.346
Appliance, nonmotor overcur.	422.11(E)	p.319	Armored cable (BX) support	320.30	p.218
Appliance, outlet	210.50(C)	p.86	Armored cable, conductors	320.104	p.218
Appliance, portable definition	DEF 100	p.26	Armored cable, construction	320.100	p.218
Appliances	Art. 422	p.318	Armored cable, exposed work	320.15	p.217
Appliances in transit	551.57	p.515	Armored cable, floor joists	320.23(A)	p.217
Appliances, battery powered	517.64(E)	p.479	Armored cable, type AC	Art. 320	p.217
Appliances, continuous load	422.10(A)	p.318	Armored cable, uses permitted	320.10	p.217
Appliances, cord polarity	422.40	p.321	Armories, place of assembly	518.2	p.481
Appliances, disconnect	422.31(A)	p.321	Arranged to drain, raceways	230.53	p.111
Appliances, fastened in place 50%	210.23(B2)	p.86	Arranged to drain. raceway on bldg.	225.22	p.104
Appliances, motor-operated	210.11	p.81	Arrangement, phase	430.97(B)	p.355

Baffle plates next to heaters	424.59 <i>I.N.</i>	p.326	Batteries, vented cells flame arrest.	480.11(A)	p.384
Bait wells	210.8(B13)	p.80	Batteries, volts per cell	DEF 100	p.62
Balancer sets, generators	445.12(D)	p.371	Battery backup unit, BBU	840.1 <i>I.N.</i> #2	p.713
Balancing branch circuits	210.11(B)	p.82	Battery conductors, prime mover	480.6	p.383
Balconies, access working space	110.33(B)	p.72	Battery systems illumination	480.10(G)	p.384
Balconies, clearance	230.9(A)	p.107	Battery, cell	DEF 100	p.31
Balconies, decks walking surface	210.52(E3)	p.88	Battery, cell voltage	DEF 100	p.62
Ballast compartment, THW	T.310.4(1)	p.180	Battery, container	DEF 100	p.34
Ballast marking, fixture	410.80(A)	p.313	Battery, electrolyte	DEF 100	p.37
Ballast supply, both paired fixtures	410.137(C)	p.315	Battery, failure	210.70	p.89
Ballast, attic and soffits	600.21(E)	p.537	Battery, illumination	480.10(G)	p.384
Ballast, autotransformers	410.138	p.315	Battery, intercell connector	DEF 100	p.33
Ballast, primary leads	305.4(1)	p.175	Battery, intertier connector	DEF 100	p.33
Ballast, signs attic, soffit	600.21(E)	p.537	Battery, notification	480.7(F)	p.383
Ballasts, amp rating	220.11(B)	p.93	Battery pack units emerg.power	700.12(H1)	p.630
Ballasts, conductor within 3"	410.68	p.312	Battery powered appliances	517.64(E)	p.479
Ballasts, exposed	410.136(A)	p.315	Battery powered pool lifts	680.85	p.600
Ballasts, thermal protection	410.130(E1)	p.314	Battery racks	480.10(C)	p.384
Barbed wire	110.31	p.71	Battery, remote actuation	480.7(D)	p.383
Bare bulbs, backstage	520.47	p.486	Battery, spaces about	480.10(C)	p.384
Bare conductor, ampacity	310.15(D)	p.186	Battery, sealed cell	DEF 100	p.28
Bare conductor, area sq.in.	Table 8	p.725	Battery stands	480.10(C)	p.384
Bare conductor, concrete encased	250.50 ex.	p.145	Battery, voltage drop	480.4(B) <i>I.N.</i>	p.382
Bare conductors	310.15(D)	p.186	Battery, terminal	DEF 100	p.61
Bare copper cond. underground	230.30 ex.	p.109	BBU (battery backup unit)	840.1 <i>I.N.</i>	p.713
Bare grounding conductor	310.15(D)	p.186	Be protected, etc.	502.128(3)	P.410
Bare lead sheath	110.36	p.73	Beating rain, receptacles	406.9(A)	p.300
Bare live parts, working clearance	T.110.26(A1)	p.68	Below finished grade	300.5(D)1	p.168
Bare neutral alum. underground	230.30 ex.(4)	p.109	Benchmark	626.22(B)	p.561
Barns, wet & damp location	410.10(A)	p.308	Bending radius, armored cable	320.24	p.217
Barriers, cabinets wiring space	312.101(D)	p.194	Bending radius, conductors	110.3(A3)	p.63
Barriers, panelboard bus bars	408.3(A2) ex.	p.303	Bending radius, conduit	T. 2 Chapt. 9	p.716
Barriers, service equipment	230.62(C)	p.112	Bending radius, flexible cord	517.61(A)(7)	p.477
Baseboard heaters, recepts.	424.10	p. 323	Bending radius, flex. metal	T. 2 Chapt. 9	p.716
Basic care space	DEF 100 Cat.3	p.52	Bending radius, gas cable	T.326.24	p.221
Basin, bathroom	210.52(D)	p.88	Bending radius, hi-voltage cable	305.5	p.175
Basin, receptacle adjacent	210.52(D)	p.88	Bending radius, lead-covered	305.5	p.175
Bathroom basin recepts, within 36"	210.52(D)	p.88	Bending radius, metal clad cable	305.3	p.175
Bathroom, definition	DEF 100	p.28	Bending radius, MI cable	332.24	p.224
Bathroom, no other outlets	210.11(C3)	p.82	Bending radius, nonshielded cables	305.5	p.175
Bathroom, receptacle	210.52(D)	p.88	Bending radius, romex	334.24	p.225
Bathrooms O.C.P.	240.24(E)	p.128	Bending radius, shielded cables	305.5	p.175
Bathrooms, GFCI	210.8(A1)	p.80	Bending space, gutter	408.3(G)	p.304
Bathtub luminaires	410.10(D1)	p.309	Bends, number in one run	344.24(B)	p.233
Bathtub luminaires cord and plug	410.10(D1)	p.309	Bends, rigid conduit	T. 2 Chapt. 9	p.716
Bathtub luminaires marked location	410.10(D2)	p.309	Bent by hand ENT	362.24(A)	p.248
Bathtub rim, light fixture	410.10(D)	p.309	Bent, parts	110.12(B)	p.64
Batteries	Art. 480	p.382	Berth	DEF 100	p.28
Batteries, emergency lts. 1 1/2hrs	700.12(C)	p.629	Berthing	555.1	p.527
Batteries, listing	480.3	p.382	Beverage dispensers cord connected	440.13	p.367
Batteries, pressure release vent	480.11(B)	p.384	Bidet seat	406.9(C) ex. #4	p.301
Batteries, stand-by power 87 1/2%	701.12(C4)	p.635	Bidirectional power feed	625.48	p.557