

**Residential - BUILDING**  
**Essential Referenced Standards**  
**Based on 2009 Residential Code, Chapter 44**  
**Prepared 4/22/14**

Standard	Year	TITLE	Estimated Price of Standard	Comments
B = already on essential BUILDING list E = already on essential ELECTRICAL list F = already on essential FUEL GAS list M = already on essential MECHANICAL list N = already on essential ENERGY list P = already on essential PLUMBING list				
<b>ACI</b>				
318	2011	Building Code Requirements for Structural Concrete	B	
332	2010	Code Requirement for Residential Concrete Construction	\$61.50	
530	2011	Building Code Requirements for Masonry Structures	B	covers both 530 & 530.1
530.1	2011	Specifications for Masonry Structures	B	covers both 530 & 530.1
<b>AFPA</b>				
AFPA	2012	Span Tables for Joists and Rafters	B	
NDS	2012	National Design Specification (NDS) for Wood Construction—with 2005 Supplement	B	
WFCM	2012	Wood Frame Construction Manual for One- and Two-family Dwellings	\$80.00	
PWF	2007	Permanent Wood Foundation Design Specification		requires a user account to access price information
<b>ANSI</b>				
A208.1	2009	Particleboard	\$50.00	
Z97.1	2009	Safety Glazing Materials Used in Buildings—Safety Performance Specifications and Methods of Test	B	
<b>APA</b>				
APA E30	2003	Engineered Wood Construction Guide	\$12.00	
<b>APSP</b>				
ANSI/APSP 7	2006	Standard for Suction Entrapment Avoidance in Swimming Pools Wading Pools, Spas, Hot Tubs and Catch Basins	B	
ANSI/NSPI 3	1999	Standard for Permanently Installed Residential Spas	\$129.00	
ANSI/NSPI 4	2007	Standard for Above-ground/On-ground Residential Swimming Pools	\$129.00	
ANSI/APSP 5	2003	Standard for Residential In-ground Swimming Pools	\$129.00	
ANSI/APSP 6	1999	Standard for Residential Portable Spas	\$129.00	
<b>ASCE/SEI</b>				
5 / 6	2013	Building Code Requirements for Mason Structures and Specification for Masonry Structures	B	ASCE/SEI 5 and 6 are combined; 2013 edition available
5	2008	Building Code requirements for Masonry Structures	B	see 5 / 6 above
6	2008	Specification for Masonry Structures	B	see 5 / 6 above
7	2010	Minimum Design Loads for Buildings and Other Structures	B	
24	2005	Flood-resistant Design and Construction	B	

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32	2001	Design and Construction of Frost-Protected Shallow Foundations	\$43.00	
<b>ASTM</b>				
C 28/C 28M	00(2005)	Specification for Gypsum Plasters	\$36.00	
C 33	2003	Specification for Concrete Aggregates	\$47.00	
C 36	2005	Specification for Gypsum Wallboard	\$0.00	replaced by ASTM C1396 / C1396M - 13
C 37	2005	Specification for Gypsum Lath	\$0.00	replaced by ASTM C1396 / C1396M - 13
C 55	2006 e 2001	Specification for Concrete Building Brick	\$36.00	
C 59/C 59M	2000 (2006)	Specification for Gypsum Casting and Molding Plaster	\$36.00	
C 62	2008	Specification for Building Brick (Solid Masonry Units Made from Clay or Shale)	\$36.00	
C 73	2005	Specification for Calcium Silicate Face Brick (Sand Lime Brick)	\$36.00	
C 90	2008	Specification for Load-bearing Concrete Masonry Units	\$36.00	
C 91	2005	Specification for Masonry Cement	\$36.00	
C 94/C 94M	2009	Specification for Ready-mixed Concrete	\$47.00	
C 129	2006	Specification for Nonload-bearing Concrete Masonry Units	\$42.00	
C 143/C 143M	2008	Test Method for Slump or Hydraulic Cement Concrete	\$42.00	
C 145	1985	Specification for Solid Load-bearing Concrete Masonry Units	\$0.00	replaced by ASTM C90
C 475/C 475	02(2007)	Specification for Joint Compound and Joint Tape for Finishing Gypsum Wallboard	\$36.00	
C 476	2008	Specification for Grout for Masonry	\$42.00	
C 630	2003	Specification for Water-Resistant Gypsum Backing Board	\$42.00	
C 1261	2007	Specification for Firebox Brick for Residential Fireplaces	\$36.00	
C 1283	2007a	Practice for Installing Clay Flue Lining	\$36.00	
C 1395	2006	Specification for Gypsum Ceiling Board	\$0.00	replaced by ASTM C1396 / C1396M - 13
C 1396/C 1396M	2006a	Specification for Gypsum Board	\$42.00	
D 1970	2001	Standard Specification for Self-Adhering Polymer Modified Bituminous Sheet Materials Used as Steep Roofing Underlayment for Ice Dam Protection	\$42.00	
D 3462	2009	Specification for Asphalt Shingles Made From Glass Felt and Surfaced with Mineral Granules	\$41.00	
D 3679	2009	Specification for Rigid Poly (Vinyl Chloride) (PVC) Siding	\$41.00	
D 3957	2006	Standard Practices for Establishing Stress Grades for Structural Members Used in Log Buildings	\$41.00	
D 4869	2005 e 2001	Specification for Asphalt-saturated (Organic Felt) Underlayment Used in Steep Slope Roofing	\$36.00	
D 6380	2003 (2009)	Standard Specification for Asphalt Roll Roofing (Organic Felt)	\$36.00	

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Standard	Year	TITLE	Estimated Price of Standard	Comments
D 7032	2008	Standard Specification for Establishing Performance Ratings for Wood-plastic Composite Deck Boards and Guardrail Systems (Guards or Handrails)	\$55.00	
E 84	2009	Test Method for Surface Burning Characteristics of Building Materials	\$59.00	
E 90	2004	Test Method for Laboratory Measurement of Airborne Sound Transmission Loss of Building Partitions and Elements	\$47.00	
E 283	2004	Test Method for Determining the Rate of Air Leakage through Exterior Windows, Curtain Walls and Doors Under Specified Pressure Differences Across the Specimen	\$40.00	
E 814	2008b	Test Method for Fire Tests of Through-penetration Firestops	\$47.00	
F 1346	91(2003)	Performance Specification for Safety Covers and Labeling Requirements for All Covers for Swimming Pools, Spas and Hot Tubs	\$41.00	
F 1554	2007a	Specification for Anchor Bolts, Steel, 36, 55 and 105-ksi Yield Strength	\$42.00	
F 1667	2005	Specification for Driven Fasteners, Nails, Spikes and Staples	\$66.00	
F 2090	2008	Specification for Window Fall Prevention Devices—with Emergency Escape (Egress) Release Mechanisms	\$36.00	
<b>CPA</b>				
ANSI A135.6	2006	Hardboard Siding	\$60.00	
<b>CPSC</b>				
16 CFR Part 1404	2002	Cellulose Insulation	\$0.00	free
<b>DOC</b>				
PS 20	2005	American Softwood Lumber Standard	\$0.00	free
<b>FEMA</b>				
TB-2	2008	Flood-resistant Materials Requirements	\$0.00	free download
FIA-TB-11	2001	Crawlspace Construction for Buildings Located in Special Flood Hazard Area	\$0.00	free download
<b>ICC</b>				
MBC	2009	Michigan Building Code	B P	
ICC/ANSI A117.1	2009	Accessible and Usable Buildings and Facilities	B P	
ICC 400	2012	Standard on the Design and Construction of Log Structures	B P	
ICC 500	2008	ICC/NSSA Standard on the Design and Construction of Storm Shelters	B P	
MUEC	2009	Michigan Uniform Energy Code	B F N P	
IFC	2012	International Fire Code	B P	
IFGC	2012	International Fuel Gas Code	B M P	
MMC	2012	Michigan Mechanical Code	B F M P	
MPC	2012	Michigan Plumbing Code	B P	

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Standard	Year	TITLE	Estimated Price of Standard	Comments
MRCEB	2009	Michigan Rehabilitation Code for Existing Buildings	B E M P	
IPMC	2012	International Property Maintenance Code	B	
<b>NCMA</b>				
TR 68-A	1975	Design and Construction of Plain and Reinforced Concrete Masonry and Basement and Foundation Walls	\$80.00	
<b>NFPA</b>				
13	2010	Installation of Sprinkler Systems	B M	
13D	2010	Standard for the Installation of Sprinkler Systems in One- and Two-family Dwellings and Manufactured Homes	B M	
58	2008	Liquefied Petroleum Gas Code	B F M	
101	2012	Life Safety Code	B E	
211	2010	Chimneys, Fireplaces, Vents and Solid Fuel Burning Appliances	B F M	
<b>NFRC</b>				
100	2004	Procedure for Determining Fenestration Products U-factors	\$0.00	free
200	2004	Procedure for Determining Fenestration Products Solar Heat Gain Coefficients and Visible Transmittance at Normal Incidence	\$0.00	free
400	2004	Procedure for Determining Fenestration Products Air Leakage	\$0.00	free
<b>PCA</b>				
100	2010	Prescriptive Design of Exterior Concrete Walls for One- and Two-family Dwellings (Pub. No. EB241)	\$0.00	free
<b>SMACNA</b>				
SMACNA	2003	Fibrous Glass Duct Construction Standards	M	
<b>TMS</b>				
302	2007	Standard Method for Determining the Sound Transmission Class Rating for Masonry Walls	B	
402	2011	Building Code Requirements for Masonry Structures	B	TMS MSJC-2011 includes both 402 & 602
<b>TPI</b>				
TPI 1	2002	National Design Standard for Metal-plate-connected Wood Truss Construction	B	
<b>UL</b>				
217	2006	Single- and Multiple-station Smoke Alarms—with Revisions through January 2004	\$502.00	
2034	2008	Standard for Single- and Multiple-station Carbon Monoxide Alarms	\$998.00	
<b>ULC</b>				
CAN/ULC S 102	1988	Standard Methods for Test for Surface Burning Characteristics of Building Materials and Assemblies—with 2000 Revisions	\$289.00	

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<b>US-FTC</b>				
CFR Title 16 Part 460	2005	R-value Rule	\$0.00	free
<b>WDMA</b>				
AAMA/WDMA/C SA 101/I.S2/A440	2008	Specification for Windows, Doors and Skylights	B	
<b>TOTAL</b>			<b>\$4,025.50</b>	