

# NCEES Principles and Practice of Engineering Examination

## STRUCTURAL Design Standards<sup>1</sup>

Effective Beginning with the April 2010 Examinations

ABBREVIATION	DESIGN STANDARD TITLE
AASHTO <sup>2</sup>	<i>AASHTO LRFD Bridge Design Specifications</i> , 4th edition, 2007, with 2008 Interim Revisions, American Association of State Highway & Transportation Officials, Washington, DC.
IBC	<i>International Building Code</i> , 2006 edition (without supplements), International Code Council, Falls Church, VA.
ASCE 7	<i>Minimum Design Loads for Buildings and Other Structures</i> , 2005, American Society of Civil Engineers, New York, NY.
ACI 318	<i>Building Code Requirements for Structural Concrete</i> , 2005, American Concrete Institute, Farmington Hills, MI.
ACI 530/530.1-05 <sup>3</sup>	<i>Building Code Requirements and Specifications for Masonry Structures</i> (and related commentaries), 2005; American Concrete Institute, Detroit, MI; Structural Engineering Institute of the American Society of Civil Engineers, Reston, VA; and The Masonry Society, Boulder, CO.
AISC <sup>4</sup>	<i>Steel Construction Manual</i> , 13th edition, American Institute of Steel Construction, Inc., Chicago, IL.
AISC <sup>5</sup>	<i>Seismic Design Manual</i> , American Institute of Steel Construction, Inc., Chicago, IL.
NDS	<i>National Design Specification for Wood Construction ASD/LRFD</i> , 2005 edition & <i>National Design Specification Supplement, Design Values for Wood Construction</i> , 2005 edition, American Forest & Paper Association (formerly National Forest Products Association), Washington, DC.
PCI	<i>PCI Design Handbook: Precast and Prestressed Concrete</i> , 6th edition, 2004, Precast/Prestressed Concrete Institute, Chicago, IL.

### Notes

1. Solutions to exam questions that reference a standard of practice are scored based on this list. Solutions based on other editions or standards will not receive credit. **All questions are in English units.**
2. This publication is available through AASHTO with an item code of [LRFD-PE](#).
3. Examinees will use only the Allowable Stress Design (ASD) method, except strength design Section 3.3.5 may be used for walls with out-of-plane loads.
4. Examinees may choose between the AISC/ASD and AISC/LRFD design following the 13th edition only.
5. This manual was released to the public in spring 2007. It includes 341-05 and the 2006 supplement.