Codes and Standards Used to Prepare This Book

Thermal and Fluids Systems Reference Manual was prepared with the most current information available at the time of writing. However, just as state and local agencies sometimes do not adopt a new code or standard until several years after it has been issued, the same is true of licensing exams. The most current codes and standards may not be the ones you actually use in your practice, and both may be different from the ones used on the exam.

The Mechanical: Thermal and Fluids Systems PE exam contains 80 questions, and according to the National Council of Examiners for Engineering and Surveying (NCEES) specifications for the exam it is possible that one, maybe two, of these questions will pertain to codes and standards. However, NCEES does not specify which codes and standards the exam will test you on, let alone which editions. It is likely, then, that what you need to know about codes and standards for the exam is not detailed and not affected much by differences from one edition to the next.

Codes and standards related to mechanical engineering come primarily from three organizations: ASTM International, the American National Standards Institute (ANSI), and the American Society of Mechanical Engineers (ASME). You can find basic information about these three organizations and their codes and standards in Sec. 17.7 of this book.