

CSA STANDARD N286-12 - MANAGEMENT SYSTEM REQUIREMENTS FOR NUCLEAR POWER PLANTS

OBJECTIVE:

The objective of this course on the CSA N286-12 Standard is to provide participants with an understanding of the concepts and the application of the Quality Management System. It will help participants to understand the basic elements addressed in the N286-12 Standard, including the additional specific requirements identified in the Standard as well as those associated with the different parts of the life-cycle. The course addresses the difference in philosophy between the earlier N286 Series of Standards and the new N286-12 Standard which now replaces the N286 Series. The workshop sessions provide participants with the opportunity to examine in detail the elements required in the implementation of the program, review approaches to implementation as well as providing an understanding of the process. Finally, the scope and relationship of the N286 Standard to the quality assurance requirements of the N285.0 Standard on Pressure Boundary and the other Quality Assurance Programs used in the nuclear industry, (Z299 & ISO), will be reviewed.

CONTENTS: A two-day course consisting of the following:

<p>DAY 1:</p> <p>BASIC CONCEPTS</p> <ul style="list-style-type: none"> • What is Quality Assurance(QA) • What is Quality Control • Quality Management System(QMS) <p>N286-05 Standard</p> <ul style="list-style-type: none"> • Organization • Basic Structure • Good Business Practices • Comparison with the N286 Series <p>WORKSHOP</p> <ul style="list-style-type: none"> • Principles versus Practises <ul style="list-style-type: none"> – Application of the Principles <p>BASIC REQUIREMENTS</p> <ul style="list-style-type: none"> • Key Elements <ul style="list-style-type: none"> – Review of the Basic Elements – Their Interpretation and Application <p>WORKSHOP</p> <ul style="list-style-type: none"> • Application of the Elements in the Workplace • Presentation and discussion of the results of the application exercise. 	<p>DAY 2:</p> <p>SPECIFIC REQUIREMENTS</p> <ul style="list-style-type: none"> • Review of the Specific Requirements • Review of the Mandatory Appendices <p>WORKSHOP</p> <ul style="list-style-type: none"> • Application of the Specific requirements in the Workplace • Presentation and discussion of the results of the application exercise. <p>RELATIONSHIP OF CSA N285.0 WITH N286</p> <ul style="list-style-type: none"> • Owner • Design • Procurement • Fabrication <p>RELATIONSHIP OF OTHER QUALITY PROGRAMS WITH N286</p> <ul style="list-style-type: none"> • CSA Z299 and ISO • ISO 9001:2008
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WHO SHOULD ATTEND?

This course is directed toward personnel from management, engineering, procurement, operations and quality assurance. Those organizations providing services to a utility operating within the scope of the N286-05 Standard would benefit from this course.

EXPECTATIONS:

Course participants with adequate experience will have attained the following by the end of the course:

1. An understanding of the basis of the new N286-12 Standard and its implementation within the diverse levels of management.
2. To work effectively within a Quality Management System.
3. A working knowledge of the relationship between the various Standards.