



**Principal Changes to
Inspection Procedure 65001.06,
“Inspection of ITAAC-Related Installation of
Mechanical Components”
2008 to 2015**

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Overall IP 65001.06 Changes

- Inspection objectives
- General installation provisions
- Welding provisions
- Post-installation provisions
- Testing and verification provisions
- References to NRC and ASME documents

Inspection Objective Changes

- Determine whether FSAR technical requirements translated to specifications
- Determine through independent observation and evaluation that records reflect work accomplished

General Installation Changes

- All packaging material removed from components at installation
- All foreign matter removed and excluded from re-entering component
- Method of protection and exclusion in accordance with manufacturer's guidance
- Installation requirements that affect environmental qualification satisfied
- Inspection performed as significant installation underway
- If no targeted ITAAC activities for 6 months, consider additional inspection

Component Welding Changes

- If welding required for installation, select 1 or 2 welds per component for a minimum of 5 welds for review

Post-Installation Activity Changes

- Ensure targeted ITAAC inspection requirements satisfied and, if necessary, select additional components based on risk-significance or uniqueness
- Through direct observation, confirm specific post-installation activities, including implementation of component manufacturer recommendations

Testing and Verification Changes

- Verify proper test and verification activity and frequency
- Verify signed and dated test and verification procedures with correct step sequence
- Verify test equipment calibration
- Verify test and participating personnel qualification
- Confirm industrial safety of personnel and equipment

Testing and Verification Changes

- Verify preconditioning not occurring
- Review licensee evaluation of test data and verification results to acceptance criteria
- Verify unsatisfactory results and adverse conditions entered into corrective action program
- Coordinate with other applicable IP 65001 inspections