

This form may be submitted via E-mail to mweldon@ansi.org

PINS: PROJECT INITIATION NOTIFICATION SYSTEM FORM *(Effective 01.01.08)*

*NOTE: Adoptions of an ISO or IEC standards require compliance with the *ANSI Policy Regarding Rights to Nationally Adopt IEC and ISO Standards or Otherwise Use IEC and ISO Material* and with the *ANSI Procedures for the Adoption of ISO and IEC Standards as American National Standards*.

1. Designation of Proposed Standard:	C63.24
2. Title of Standard:	<input type="text"/> In Situ RF immunity Evaluation of Electronic devices and systems
3. Project Intent: (Check the applicable box below)	
Create new American National Standard (ANS)	X
*Adopt identical ISO or IEC standard	
*Adopt modified ISO or IEC standard	
*AND this adoption revises this current ANS	
Revise current ANS	
Revise and Redesignate current ANS	
Revise, Redesignate and Consolidate current ANS	
Revise and Partition current ANS	
Reaffirm current ANS	
Reaffirm and Redesignate current ANS	
Addenda to a current ANS under Continuous Maintenance: (this document relates to/updates the following base document that is registered under Continuous Maintenance)	
Supplement to current ANS	
Withdraw current ANS	
Maintain ANS under stabilized maintenance	
4. This standard contains excerpted text from an ISO or IEC standard, but is not an ISO or IEC adoption.	Check here if this standard includes excerpted text from an ISO or IEC standard but is not an identical or modified adoption of an ISO or IEC standard.
5. Provide a brief explanation of the need for the project (see 2.5 of the ANSI Essential Requirements):	There is a need to evaluate the in situ RF immunity of products, instrumentation and control systems that experience interference where they are installed. The cause of interference might be portable transmitters or the RF environment at the point of installation.
6. Identify the stakeholders (e.g., telecom, consumer, medical, environmental, etc.) likely to be directly impacted by the standard (see 2.5 of the ANSI Essential Requirements):	EMC test laboratories, manufacturing and power generation plant operators, manufacturers of instrumentation and control equipment, regulators
7. Unit of Measure: Non Applicable, US, Metric, or Both	
8. This PINS revises a previous PINS submittal (see 2.5 of the ANSI Essential Requirements):	X Note: A revised PINS is only required if the previously identified stakeholders have changed substantively (see item 6 on this form.).

<p>9. Description of Contents of Standard: (Provide a one paragraph description, not to exceed 500 characters. Please note in the scope if this standard is intended to be submitted for consideration as an ISO or ISO/IEC JTC-1 standard.)</p>	<p>This recommended practice provides in situ immunity testing procedures for electronic devices and systems that experience interference at the locations where they are installed and operated. The primary sources of the EM energy (test signals) are transmitters that are authorized to be used, as they are in compliance with regulatory requirements. Also interference due to the general ambient EM environment from a variety of sources will be assessed. The ambient EM environment can be characterized via a site survey using the techniques found in IEEE 473. In laboratory testing, the product is exposed to RF energy (conducted or radiated) over a wide frequency range. This cannot be done at the in situ location without a special license from regulators (e.g., the FCC). Hence, it is expected that transceivers with known frequencies allowed by the regulatory authorities are used during testing, such as licensed devices or devices using ISM or cellular phone frequency bands. The other source is the RF environment in which the device under test is immersed. Thus, the standard is intended to replicate the immunity experience in situ where these sources have been known already to be the cause of interference.</p>	
<p>10. Request an Announcement in Standards Action to Solicit New Consensus Body Members (Note that participants from diverse interest categories shall be sought with the objective of achieving balance. See 1.3 and 2.3 of the <i>ANSI Essential Requirements</i>.)</p>	<input checked="" type="checkbox"/>	<p>Check here to request the publication in Standards Action of a call for membership on the relevant consensus body.</p>
<p>11. Consumer Product or Service:</p>	<input checked="" type="checkbox"/>	<p>Check here if standard covers Consumer Product or Service</p>
<p>12. Accredited Standards Developer Acronym:</p>	<p>ANSI ASC C63 (EMC)</p>	
<p>13. Submitter: (Specify Accredited Standards Developer submitter's name and complete contact information, address, phone, email, etc.)</p>	<p>Name:</p>	<p>Jennifer Santulli</p>
	<p>Title:</p>	<p>Program Coordinator</p>
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