



Conduct of Engineering Request for Variance or Alternate Method

To display the *VAR Request Metadata* pane for this document, click **File > Info > Properties > Show Document Panel.**

1.0 General

1.1 Document Number: VAR-10053	1.2 Revision: 0
1.3 Brief Descriptive Title: Exception to Equipment Housekeeping Pad Requirement	
1.4 Affected Program: Engineering Standards	1.5 Request Type: Variance
1.6a Affected Tech Area 99	1.6b Affected Buildings Sitewide
1.7 Requestor: Ledbetter, Zoe Organization: ES-EPD	

2.0 Affected Conduct of Engineering Program/Documents

2.1 Affected 'P' Document: P342 Engineering Standards If against the 'P' document itself, revision: n/a	2.2 Subordinate or related document(s) [AP, master spec, LANL ESM chapter & section; or code, Order, standard, etc.]: Document Title/No.: LANL ESM Chapter 6 Mechanical, Section D10-30GEN Revision Rev. 5, 9/29/14
2.3 Section/Para: Section 6.0, Paragraph F	
2.4 Specific Requirement(s) as Written in the Document(s): Pads: Provide concrete housekeeping pads (5 inch minimum height) under equipment (e.g., pumps, chillers, compressors) in mechanical rooms and outside on grade. For roof curbs, follow applicable building codes.	
2.5 Contractual, preference, or other basis for requirement: LANL preference, primarily to ensure that the equipment has a sufficient concrete pad thickness for post-installed anchors.	
2.6 Type of VAR from ESM Chap 1, Z10 [<i>Applies only to standards variances</i>] Type 2	2.7 Discipline Mechanical

3.0 Request Information & Comments

3.1 NCR required (work has occurred)? No If Yes, NCR Number: Enter text.			
3.2 System/Component Affected OpSystem Acronym & Name N/A System Number or Name N/A			3.3 Highest ML Level ML-1
3.4 Proposal with Justification/Compensatory Measures: When a structural engineer concludes that the existing floor slab provides adequate embedment depth to resist seismic loading (e.g., 6 inches or greater), installation of a housekeeping pad is not required.			
3.5 Attachments n/a			
3.6 Project ID [ProjectIdentifier]	3.7 Duration: Lifetime	3.8 Finite Period Start Date: Click to enter a date.	3.9 End Date: [EndDate]
3.10 When finite life, provide the PFITS number for tracking removal/correction: [PFITSNum]			
3.11 USQD/USID required (Nuclear, High/Mod Hazard)? No If Yes, USQD/USID Number Click here to enter text.			
3.12 QA Review for process change matters potentially affecting LANL's NQA-1 implementation Is a QPA Determination required?: No If Yes , then Choose an item. QPA Comments: Enter text..			
3.13 POC Determination: Accept POC Comments: Enter text..			
3.14 Management Program Owner's (SMPO) Approval for P341 and APs; P342, ESM and Contract Matters; and P343 SMPO Determination: Accept Comments: Enter text..			

4.0 Participant Signatures **NOTE:** All **name** fields are entered from the **purple People Picker** fields in the **VAR Request Metadata** pane. Use the first name listing if more than one.

4.1 Facility Design Authority Representative [FDARName] FDAR signature not required <input checked="" type="checkbox"/>	Organization Enter text..	Signature
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<p>4.2 LANL Owning Manager (FOD or R&D/Program)</p> <p>[FODorPrgmMgrName]</p> <p>FOD or Program Manager signature not required <input checked="" type="checkbox"/></p>	<p>Organization</p> <p>Enter text..</p>	<p>Signature</p>
<p>4.3 POC (Management Program Owner's Representative):</p> <p>Ladach, Michael J</p>	<p>Organization</p> <p>ES-EPD</p>	<p>Signature</p>
<p>4.4 Quality Reviewer's Name:</p> <p>[QPAName]</p> <p>QPA review/signature not required <input checked="" type="checkbox"/></p>	<p>Organization</p> <p>Enter text.</p>	<p>Signature</p>
<p>4.5 Management Program Owner's Approval for P341 and APs; P342, ESM and Contract Matters; and P343</p> <p>Goen, Lawrence Kenneth</p> <p>SMPO signature not required for a Type 1 variance <input type="checkbox"/></p> <p>Safety or Security Management Program Owner (SMPO)</p>	<p>Organization</p> <p>ES-DO</p>	<p>Signature</p> <p>Acting for L.K. Goen</p>