



Conduct of Engineering Formal Clarification or Interpretation Request

Assigned by Responder: Clarification Interpretation

Tracking number CIR- 2012-007

Clarify	To make the CoE document or its references understandable and free from confusion
Interpret	To formally provide an acceptable method of compliance with the document or references

1.0 Request

Brief Title:			
Affected Document Title, Number, and Rev. No. LANL Master Specification Division 31 2000			
Section/Article/Para and Existing Wording 1.7 SITE CONDITIONS A. Do not place and compact backfill material when the atmospheric temperature is below 35 degrees F, unless approved by STR.			
Inquiry (describe ambiguity or issue) The intent of this Section is to: Prevent the mixing, placement, or compaction of material that is frozen or contains ice crystals or to prevent placement or compaction of material on frozen substrate. Ice in incompressible and interferes with compaction which increases the risk of settlement after placement. Would the following statements constitute a correct clarification? 1. All backfill material shall be in a thawed state before being placed, mixed, or compacted. Compensatory measures can be used and should be described in a cold weather protection plan and approved by the STR. 2. Do not place or compact backfill material that is frozen or contains ice crystals that would prevent thorough compaction or increase the risk of after settlement. 3. Do not place or compact back fill material on frozen substrate.			
Requestor (LANL employee) Patrick Rowe Deborah Topper for	Z Number 217330 240003	Organization ES-PE	Date 1/5/2012

2.0 Response by Safety (or Security) Management Program Owner Representative (SMPOR/POC)

Approved			
Name Jerome F. Gonzales	Z Number 078269	Signature Signature on File	Date 1/5/2012

3.0 SMPO Approval (Standards Manual and code and regulation matters only, otherwise N/A)

Comments			
NA			
Name	Z Number	Signature	Date
Daniel Steinberg	219039	Signature on File	1/8/12

Distribution (may be electronic): Requestor, SMPOR, SMPO, CENG-OFF Program POC