



Sanford Lab Blasting Permit 12-1-15

Document Blast Initiation Times in Blasting Log

Date Issued	Permit Owner / Project Manager	Blast Location
<input type="checkbox"/> High Risk Single Shift Permit <input type="checkbox"/> Low Risk Single Shift Permit <input type="checkbox"/> Low Risk _____ (multiple) Shift Permit		
High Risk Blasting Within 500 feet of occupied space; liquid, gas, or cryogen storage; science or high value equipment. Approved Blast Plan is required. Blasting to occur only off shift unless PAI determines otherwise		
Low Risk Blasting >500 feet from items above. PAI to determine if Blast Plan is required per specific hazards or circumstances		
<input type="checkbox"/> BP is required and <input type="checkbox"/> has been approved		<input type="checkbox"/> Blasting may occur on shift
Start (Date & Shift)		End (Date & Shift) (only applies to multiple shift permits)

Description of Blast:							
Maximum amount of explosives to be detonated in one delay _____							
Maximum amount of explosives to be detonated in the round _____							
	Apply	Verified			Apply	Verified	
			<i>✓ all that apply; also ✓ when verified by inspection of location & precautions taken</i>				<i>✓ all that apply; also ✓ when verified by inspection of location & precautions taken</i>
	✓	<input type="checkbox"/>	Persons are trained/authorized/qualified to handle/use explosives		✓	<input type="checkbox"/>	No open flames or hot work within 50 feet of explosive material
	<input type="checkbox"/>	<input type="checkbox"/>	Persons are certified Employee Possessor on a BATF 33-User of High Explosives Permit		✓	<input type="checkbox"/>	Precautions taken to prevent accidental discharge of blast
	✓	<input type="checkbox"/>	Pre-Blast notification of affected personnel		✓	<input type="checkbox"/>	Equipment is in good repair
	✓	<input type="checkbox"/>	Pre-Blast evacuation of personnel non-essential to blast		✓	<input type="checkbox"/>	Shot firing system is in good working order
	✓	<input type="checkbox"/>	Signage/Barricades posted		✓	<input type="checkbox"/>	Document start time of loading in work Log
	✓	<input type="checkbox"/>			✓	<input type="checkbox"/>	Document estimated/actual detonation time in work Log
	<input type="checkbox"/>	<input type="checkbox"/>	Other Considerations:				

Special Instructions: Risks evaluated following the SDSTA Risk Management Plan. High Risk requires sign-off by Lab Director. Low Risk requires sign-off by ESH Director.
PAI signature & date
Permit Owner signature & date. If work performed by contractor, contractor and SDSTA PM/Owner's Rep must sign

See back of permit for required worker signatures

Blast Lead, Helper(s), & Guard(s). Explosives Standards & Practices stipulations allow for Multiple Shift Permits and the responsibility of the Blasting Lead to review and sign the permit may require multiple signatures and notations of the Helper(s) and Guard(s). Multiple signature/information boxes are provided below.

Designated Blast Lead _____ Helper(s) _____ Guard(s) _____ Blast Lead signature & date _____

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