



Chapter 11: [Excavation Safety](#)
Mobile / Portable Drilling Rig Initial Inspection Form

ENVIRONMENT, SAFETY & HEALTH DIVISION

Product ID: [481](#) | Revision ID: 1154 | Date Published: 25 March 2010 | Date Effective: 25 March 2010
 URL: <http://www-group.slac.stanford.edu/esh/eshmanual/references/excavationsFormInspectRig.pdf>

Instructions

Facilities or Field Safety and Building Inspection Office safety staff must complete a pre-use inspection of any mobile or portable drilling rig brought on-site.

1. The inspection must cover the items listed below and must be documented on this or a similar form.
2. Items that fail inspection: subcontractor must bring the equipment into passing condition before use at SLAC.
3. The completed form must remain with the work planning and control (WPC) package (red or yellow).

**Excavation Permit Number
(EPF#)**

Contact Information

Subcontractor:	Phone:	Drill rig type:
Inspector's name:	Phone:	
Inspector's signature:		Inspection date:
Work location:		

Equipment	N/A	Fail	Pass
Tracks / outriggers <i>(no damage)</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Moving parts guarded / no guards removed <i>(includes drill shaft or head)</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Drill rig <i>(No physical damage on crawler tracks, bits, etc.)</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
No fluid leaks <i>(pneumatic/ hydraulic)</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fuel, hydraulic, and lubricating oil reservoirs properly filled	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fire extinguisher on rig <i>(10 BC or larger; fully charged and inspected)</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Operating mechanisms functional <i>(such as controls)</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
All brakes and clutches functional <i>(inspected and tested)</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Emergency stop functional	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Operator panel and gauges functional	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Warning lights functional	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Records	N/A	Missing	Available
Operator training (Cal / OSHA, Title 8)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Equipment inspection and maintenance records available	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Notes