Appendix L

Competency Assessment Tool for Competent Persons at UC Irvine

This form is used in determining the competency of UC Irvine employees on the topic of Trenching and Shoring. All employees being considered as a Competent Person should be able to show and demonstrate knowledge of all items listed on this assessment form.

UC IRVINE EMPLOYEE BEING CONSIDERED AS A COMPETENT PERSON:

__________________________________________________________

CONFINED SPACE

Can the employee identify if a trench or excavation meets the definition of confined space? ______

If yes, is the employee trained to evaluate confined space hazards? __________________________________________

Is the employee capable of specifying necessary safety control measures to assure employee safety? ____________________________________________________________

INSPECTIONS

When performing inspections of the excavation, is the employee able to thoroughly conduct inspections of the excavation? __________________________

Of adjacent structures? _______________________

Of protective systems? _______________________

Is the employee able to identify when to conduct inspections (prior to the start of work, as needed throughout the shift, after rainstorm or hazard-increasing occurrence)? ______________

Can the employee exercise the authority to remove employees from a hazardous area until proper precautions are taken?

_________________________________________________________________

PROTECTIVE SYSTEMS

Is the employee able to recognize that a protective system is needed for any excavation less than 5 feet in depth? ____________
Is the employee able to examine the ground for indications of potential cave-in? 
_________________

Is the employee able to examine any damaged equipment or materials used, and evaluate its suitability for continued use? 
_________________________________________________________________

Is the employee able to distinguish between Option 1 (Select and construct a protective system) and Option 2 (Design a sloping and shoring system) and which one is appropriate to be used at a job site?
_________________________________________________________________

Is the employee able to properly classify soil using either a manual test and pocket penetrometer OR a visual test and a pocket penetrometer?
____________________________

What type of soil was identified in the excavation?
_________________________________________________________________

What visual tests were used?
_________________________________________________________________

What manual tests were performed?
_________________________________________________________________

How was the proper sloping or benching configuration chosen?
_________________________________________________________________

WATER CONDITIONS

If using dewatering equipment on site, is the employee able to monitor the equipment and its proper operation?
_________________________________________________________________

Is the employee able to identify if the excavation been subjected to heavy rainfall? __________

Is the employee able to inspect the excavation and ensure that it complies with the precautions set forth in the Excavations Standard, part (h)(1) and (h)(2)?
_________________________________________________________________

RAMPS

Is the employee able to evaluate the use of a structural ramp for trenching activities? __________
If the ramp is used for employees, is the employee able to evaluate it for safe access and egress?

_________________________________________________________________

If the ramp is used for access and egress of equipment, is the employee able to identify that the ramp must be qualified in structural design?

__________________________________________

List qualifications of equipment ramp:
_________________________________________________________________
_________________________________________________________________

Was the employee able to determine if the ramp meets design qualifications?
_________________________________________________________________

CONCLUSION

List all qualifications of UC Irvine employee being evaluated as a Competent Person:
_________________________________________________________________
_________________________________________________________________
_________________________________________________________________

Has the competent person performed all tasks required by the Excavations standard? __________

Is the person capable of identifying existing and predictable hazards in the surrounding or working conditions, which are unsanitary, hazardous, or dangerous to employees?

_________________________________________________________________

Is the competent person authorized to take prompt corrective measures to eliminate such hazards or conditions?
(UC Irvine employee’s name) is hereby designated as a Competent Person in Trenching and Excavations activities conducted on the grounds and facilities at UC Irvine and has met the requirements for such designation. The Competent Person understands and is able to demonstrate the responsibilities of this title and the Excavations Standard under Cal/OSHA.

Supervisor’s Signature _______________________________ Date __________

EH&S Signature _______________________________ Date __________

Competent Person's Signature _______________________________ Date __________