

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/Trenching and Shoring Program

_____ (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 _____