Senior Geotechnical (Field) Engineer

MTCS

Competence 1

Demonstrate a thorough knowledge of geotechnical theory and the ability to perform engineering calculations

Candidate Name:		Date:	
Activity Number (1,2, or 3):			

Performance Criteria: all of these must be assessed over a minimum of 3 work activities

Type of Evidence: Observation (O), Work Product (P), Written (W), Questioning (Q), Not Covered (N/C) or Not Applicable (N/A)

	Performance Criteria	Type of Evidence
a)	Demonstrate the ability to perform live/preliminary field calculations and to advise on operations or scope of work if necessary	
b)	Demonstrate the ability to perform spudcan penetration calculations	
c)	Demonstrate the ability to perform pile foundation capacity calculations	
d)	Demonstrate the ability to perform slope stability calculations with a third party software (i.e. Geoslope)	
e)	Demonstrate the ability to perform foundation design	

Witness name: (If applicable in assessment plan)		Date:	
Assessor name:		Date:	