

Grade I Geotechnical (Field) Engineer

Verification of competence, education and training

Please note, MTCS may contact you via email to confirm this form was completed by you (the witness).

Candidate Name:	
Date of birth:	
Candidate email:	

I confirm that the person detailed above:

- 1 Has been employed by _____ (company name)
- 2 At the position of _____

Between the dates of _____ and _____
- 3 Totalling approximately _____ offshore days
- 4 I can confirm that the person holds a valid and authentic academic/trade qualification (where applicable) for the position at which they are employed (*please provide copies of certificates*) .
- 5 In my view the person has demonstrated the skills necessary to be deemed competent at the above grade in accordance with IMCA guidelines (if applicable) and within MTCS Competencies (listed on sheet 2). I would therefore like to recommend that they be assessed for the grade (*please provide copies of recent appraisals/performance reviews*).
- 6 The person has a valid offshore medical and survival suitable for the geographical area in which they work (*please provide copies of certificates*) .

Witness name:		Position:	
Witness signature:		Date:	
Witness email:		Witness contact no:	
Company name / address:			
MTCS (UK) Ltd Email: enquiries@mtcs.info		Tel: +44 (0)15394 40200 www.mtcsuk.com	

Job Summary:

A Grade I Geotechnical Engineer (Field) is regarded as someone who is conversant with engineering aspects of marine survey operations.

Geotechnical Engineers are responsible for the analysis of soil, rock, groundwater and other earth materials prior to major construction projects. They will have experience in using IT systems and computer software

They can successfully participate in the Survey Team during operations and will report directly to the Senior Geotechnical Engineer.

The Grade I Geotechnical Engineer (Field) is expected to coach and assess junior members of the Survey Project Team in line with the Competence Management Programme.

The Geotechnical Engineer (Field) is ultimately responsible for ensuring that all geotechnical aspects of field works are performed correctly and that all acquired data is fit for purpose. Duties may include data acquisition, data interpretation and engineering.

Entry Level Specifications:

- Satisfactory completion of the competence criteria for Geotechnical Engineer Grade II and be working towards Geotechnical Engineer Grade I
- Nominally 12 months including 80 days operational experience and 4 mobilisations as a Geotechnical Engineer Grade II OR Relevant Industrial, military or academic experience in Survey discipline
- Valid and current offshore medical certificate that is acceptable in the region of the world in which they are employed
- Valid and current offshore survival certificate that is acceptable in the region of the world in which they are employed

Competencies:

- 1) The ability to interpret real time data
- 2) Demonstrate the ability to interpret and edit data
- 3) Demonstrate a basic knowledge of geotechnical theory
- 4) Demonstrate the ability to schedule onshore laboratory testing
- 5) Demonstrate the ability to produce logs and reports
- 6) Demonstrate the ability to advise on or to amend scope of work or operations to ensure best quality data is gleaned
- 7) Demonstrate an intermediate knowledge of the set up and operation of geotechnical equipment, and the system's limitations
- 8) Demonstrate an understanding of the quality of data, of its ultimate usage, and the ability to take part in the data quality control procedure
- 9) Demonstrate a understanding of ancillary data and disciplines (i.e. bathymetric, topographical, geophysical) as they relate to geotechnical operations