

Senior 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 Senior Geotechnical Engineering (Field) is regarded as someone who is fully conversant in all geotechnical 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 as well as confidence in, management, leadership as well using IT systems and computer software

They can successfully manage the survey engineering team during operations and will report directly to the Party Chief.

The Senior Geotechnical Engineer (Field) is expected to coach and assess members of the Survey 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 I and be working towards Senior Geotechnical Engineer grade
- Nominally 150 days operational experience and 8 mobilisations as a Geotechnical Engineer Grade I
- 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) Demonstrate a thorough knowledge of geotechnical theory and the ability to perform engineering calculations
- 2) Demonstrate the ability to use proprietary engineering software
- 3) Demonstrate the ability to schedule advanced onshore laboratory testing
- 4) Demonstrate the ability to produce pre-mob, field, final and engineering reports
- 5) Demonstrate the ability to advise on or to amend scope of work or operations to ensure best quality data is gleaned
- 6) Demonstrate an understanding of the QHSE System
- 7) Demonstrate an advanced understanding of the use of geotechnical software and processing software