

## Examiner's report

### CTSI Professional Competency Framework

#### Stage 2: Northern Ireland Laboratory Equipment Examiner's Report May 2022

##### General

This was the first examination cycle for this module so the candidates only had example examination papers as a guidance for the format of the paper. There were a range of marks awarded for the candidates. Where lower marks were achieved it was a consequence of answering what the candidate wanted the question to be rather than what was actually required. Unfortunately, that approach by passed what was on the marking scheme. For example, a question asked about the procedure for calibrating a mass with atypical density far greater than the reference standard and what was the procedure for reporting the correct mass. Some candidates answered by explaining the procedure for calibrating a mass rather explaining the process for determining the density and applying a correction to the final result and the effect on the uncertainty budget.

This module benefits from practical experience and the candidates had the impediment of COVID restrictions on the workplace for a portion of their studies which surely impeded their ability to undertake practical work which would enforce the LMS materials and Class-room activities.

It is also worth reminding candidates that auditing a quality system for a metrology laboratory is not to distant to auditing a due diligence system that they encounter in a fair trading environment, the skills are analogous. 5WH techniques are equally applicable here.