



Verifier's recognition kit - subclasses 8.1 and 9.1

Version 2.1 – September 2022

MSMTMVER302 - Verify simple measuring instruments
MSMTMREF301 - Use and maintain reference standards

Complete this kit by typing directly into the document.

Applicant's name:	
Subclass/es requested for assessment:	
Observation assessment method requested (select one)	<p>Video calling (VC) – not generally available for subclass 9.1</p> <p>Pre-recorded videos – not generally available for subclass 9.1</p> <p>In-person observation (applicant choice of site)</p>

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Version changes

Version number	Main changes
V2.1	<ul style="list-style-type: none">• Version now includes mandatory observation• Added pre-completion checklist to establish readiness (inc. LLN)• Re-wording of some questions/instructions, including to aid clarity. Some questions removed and new questions added.• Verification form task changed to require completion using the electronic version of the form.• Supervisor/mentor report now called third party report with comments required for each checkpoint.• Kit to be completed electronically.

Introduction

This kit enables you to demonstrate your competence as a verifier of measuring instruments used for trade against the performance criteria and assessment requirements set out in nationally recognised units of competency – for licence subclasses 8.1 &/or 9.1:

- [MSMTMVER302 – Verify simple measuring instruments](#)
- [MSMTMREF301 – Use and maintain reference standards](#)

On successful completion of assessment, you will receive the appropriate statements of attainment.

Read these instructions carefully in combination with the [Recognition kit instructions](#) and [Instructions for observation assessments](#) documents. In addition, carefully read the instructions included at the start of each section.

Before you complete and submit your recognition kit, you should:

- read through the whole kit to understand what is required of you
- spend time in the field with an experienced verifier learning about the topics in the following checklist
- complete the checklist below, to self-assess your skills and knowledge.

Please contact the NMI Administrator if you have difficulties in understanding the requirements for compiling/submitting your kit.

Email: NMIadministrator@measurement.gov.au

Tel: 02 8467 3789

I have adequate skills and knowledge in the following to be able to complete this kit, and perform these tasks in the workplace, without direct assistance:

Yes

No

Not
sure

Spoken English communication

Mathematics

English reading skills

Computer skills

The instruments I intend to verify

The techniques used in testing instruments, including planning and preparation

Storing, maintaining and handling reference standards/test equipment

Likely impacts of the environment on the function of instruments and/or the standards/test equipment used to verify them

Work health and safety considerations relevant to testing instruments

My organisation's and NMI requirements for recording and reporting details of verifications and other licensing matters

Any adjustments or corrections that may be needed during the verification process

Marking instruments for verification (what to mark and where to place the mark)

Communicating to the owner/user of the instrument and requesting any assistance

If you have checked 'no' or 'unsure' to any of the items in the table above, and are unsure what you need to do to be in a position to answer 'yes', please speak to your supervisor. Check the LLN section of the [Participant's handbook](#) if you need to develop your mathematics or English skills (speaking or reading) before you attempt this assessment.

In addition, you should have personally tested instruments, ideally under supervision, using the relevant national instrument test procedures to develop your skills - either in the workplace or in a simulated workplace environment.

Assessment instructions

Completion of the kit

You should complete this kit by typing directly into the document or clicking on checkboxes, where appropriate. If you have any problems with the functionality of the fillable kit, please email the kit to the NMI Administrator, detailing the issues that you are having, specifying which page/question etc.

Submit the whole document along with any additional scanned reports, documents and videos.

DO NOT, print it out and scan it.

The kit comprises a number of components for you to complete/submit, relevant to the subclass/es for which you are being assessed, including the following:

- **Your work history**
- **Written assessments** - complete only the parts relevant to the subclass/es you wish to verify.
- **A specific question** that asks you to complete one or more [verification forms](#) (Form 6) using the information provided.
- **[Test reports](#)**
- **Third party report/s** – a report/s from the verifier/s who worked with you during your training, or a work colleague (where you have no access to a verifier).

In addition, you will be asked to demonstrate your skills by completing one or more simulated verifications, observed by your assessor or an NMI-appointed skills observer.

MAKE SURE YOU COMPLETE ALL PARTS OF THE RECOGNITION KIT APPROPRIATE TO THE INSTRUMENT SUBCLASS/ES YOU WISH TO VERIFY

Skills assessment requirements

In your workplace

This assessment requires that you **demonstrate your practical skills**, by completing simulated **initial verifications** on instruments, in a real or simulated environment. During training within your organisation, you should have practised these skills, ideally under supervision of an experienced verifier/s, including completing the appropriate test reports that you will submit as evidence (workplace documents).

The experienced verifier/s that supervised you should complete a third party report and sign each of the test reports you will submit (where they supervised the tests).

Wherever possible, include examples from instruments that did not meet the requirements for verification, to show your understanding of unacceptable instrument performance.

For measuring instruments (subclasses 8.1 & 9.1)

You must provide copies of test reports relating to instruments you have tested (ideally) under supervision. You should have personally completed **all** the processes required as if you were completing **initial verification** of the instruments, without assistance. You will need to provide **three (3)** reports in total, **including** the report you complete during your skills observation/video. (The third report should be submitted immediately following observation).

Where you are being assessed for more than one subclass, a report should be included for each subclass included in this assessment.

See the [Workplace test reports](#) section for more information.

NMI observation

Your assessor will need to confirm you have the necessary practical and communication skills required when verifying measuring instruments. This includes demonstrating knowledge of, and implementing, safe work practices. Depending on the circumstances, this will be completed by one of the following methods:

- In-person observation (your choice and arrangement of site) - The assessor, or an NMI-appointed skills observer, will observe you completing all the processes required for verification of an instrument either at your work place or another suitable location (e.g. a trader's site).
- *Video calling - The assessor will use video calling to complete a direct observation of you, either at your work place or another suitable location (trader's site).
- *Pre-recorded videos - You will provide a series of videos, showing you completing all the stages required for verification of an instrument, in a real or simulated situation.

*Video calling (VC) and pre-recorded video (PRV) options are not generally available when testing tanks used for measuring fuel (subclass 9.1). This is because VC/PRV equipment poses a safety hazard due to its potential to trigger an explosion.

Be sure to mark your preferred observation method option on the [front](#) of this kit and on the [Recognition kit checklist](#).

- For in-person observation at your workplace, or other suitable location of your choice, you will liaise with the assessor or skills observer.
- If you choose to complete the observation using video calling, your assessor will contact you to schedule a suitable time and date.
- If you have chosen to provide videos, and you are unable to email the video files, the NMI Administrator will provide a link where you can upload your videos, after we have received your kit.

IMPORTANT – Please see separate [Instructions for observation assessment](#).

Third party reports

We would like a report from a person (or persons) who has worked directly with you, and can comment on your workplace performance over time. Ideally, this person should be an existing verifier who has worked with you during your training AND who holds a statement/s of attainment relevant to this skillset and subclass/es. If you don't have access to a verifier during your training but have a workplace supervisor or colleague who works with you, ask them to provide a report. **Note, you may be asked to complete additional observations if you cannot provide a third party report from a verifier.**

Ask the person/s completing the report/s to read the instructions for completing their report **before** you finalise this kit. **If more than one person can provide evidence to support your assessment, have each of them complete a separate copy of the report, for submission:**

- An existing verifier should complete the [Third party report \(experienced verifier\)](#).
- Any other work colleague, who isn't a verifier, should complete the [Third party report \(non-verifier\)](#).

If you have access to an existing verifier, ensure they observe you testing the instruments for which you will provide [workplace test reports](#) for this kit. **They should sign each report you provide**, to confirm that you have correctly followed the relevant, current, national instrument test procedures **for initial verification**.

If you don't have access to anyone in your workplace who can provide either of the above third party report, please contact the NMI Administrator.

IMPORTANT - Submission of the kit and enrolment

Once you have completed all relevant components, complete the separate [Recognition kit checklist](#) and the checklist on the [Applicant's details form](#), to check that you are submitting **all** the components required for this assessment.

Save this document on your computer, and name the file by adding your name to the file name. For example, if your name is Joe Smith, the file name for your completed kit will be:

RK 8.1 & 9.1 F V2.1 Joe Smith.

Scan each of the **additional** documents you have completed, and save them by the name of the kit, subclass, document and your name e.g. scan and save a test report you are submitting for 8.1 as:

RK 8.1 & 9.1 F V2.1 Test report 8.1 (1) Joe Smith

If submitting videos, name them **RK 8.1 & 9.1 F V2.1 Video 8.1(1) Joe Smith**

Number each video so your assessor can watch them in order, e.g. Video 8.1 (1); Video 8.1 (2) etc. or name them by what is covered by each video e.g. Video 8.1 (visual inspection)

Email the kit and the other scanned documents to nmiadministrator@measurement.gov.au and keep your original kit and documents. Your assessor will ask questions about your kit when they speak to you, so you need to have it available.

The NMI Administrator will advise you how to submit the videos if you are unable to email them.

Once we have received all parts of your kit, the NMI Administrator will contact you regarding enrolment.

Assessment

Your assessor uses a number of forms to record the results of each part of your assessment. The forms are included at the end of this kit for your information.

Following enrolment, you will be assigned an assessor and an NMI-appointed skills observer (SO) for your observation (where applicable).

If a SO completes your observation, they will contact you to make arrangements. Following observation, they will provide their report to your assessor.

Once your assessor receives your submitted material, and any observation report, they will:

- assess the submitted material
- determine if any further evidence is required
- discuss your workplace skills with the person/s providing any third party report (if necessary)
- contact you to confirm arrangements for any skills observation (if they are completing the observation)
- contact you to arrange a mutually convenient time to call you, if required, to:
 - confirm your understanding
 - discuss the reports/documents/videos you submitted
 - ask any other questions to confirm your competence.
- record your results and provide feedback on the assessment recording form
- return the kit to the NMI Administrator for processing and confirmation of the result of your assessment by email, and posting out your statement of attainment, when successful.

Applicant's details

Name: **First** **Middle** **Family**

Email address:

Telephone: Work **Mobile**

Name of any third party providing a report:

Third party's telephone number:

Third party's email address:

Company name:

Check the licence subclass/es you wish to be assessed for:

8.1 Farm milk tanks

9.1 Vehicle tanks

Checklist to ensure you are submitting all the required components of this kit.

Check all that apply:

Applicant's work history

Third party report/s

Written assessment (all subclasses)

Written assessment (8.1 Farm milk tanks)

Written assessment (9.1 Vehicle tanks)

Completed verification form for subclass/es:

8.1 Farm milk tanks

9.1 Vehicle tanks

Test reports from tests you have completed in the workplace (check all relevant to the subclass/es you wish to be assessed for):

8.1 Farm milk tanks

9.1 Vehicle tanks

Applicant declaration: I verify that I personally completed all the work and activities related to, and submitted as part of this kit, without assistance.

(Complete the declaration once you are ready to submit the kit).

Name:

Date submitted:

Complete your work history on the next page

Applicant's work history and training

Details of current employment

Organisation:

Postal address:

Date employment started:

Date training related to these subclasses started:

Title of your current position:

Details of previous relevant employment

Organisation:

Postal address:

Period of employment:

From:

To:

Title of your previous position:

Relevant work experience

Specify the length of time you have been testing each subclass of instrument, the type of instruments you have worked with, and the approximate number of instruments you have tested (including under supervision and in simulated workplace situations)

Detail any relevant training courses you have attended (name and date) and attach copies of any relevant trade qualifications:

Assessment recording form (assessor)

Applicant:

Assessor name:

Date kit received:

Applicant's ID checked at interview:

Summary of evidence used to assess this applicant:

Written assessments

Completed verification form task/s

Third party report/s

Conversation with applicant

Review of test reports

Skills observation/report/review of videos

Other – specify:

In order to verify instruments of licence subclasses 8.1 & 9.1, applicants must demonstrate competence in both units of competency.

This applicant was assessed as:

Competent

Not yet competent

MSMTMREF301 Use and maintain reference standards

MSMTMVER302 Verify simple measuring instruments

Check whether they are satisfactory or not yet satisfactory for each subclass requested:

Satisfactory

Not yet satisfactory

8.1 – Farm milk tanks

9.1 – Vehicle tanks

Assessor's name:

Date:

RTO manager's signature:

Date:

Assessor's feedback form

Assessor: Please include feedback to the applicant here and add your name and date to the bottom of the form.

Particularly where you have assessed the applicant as NYC, ensure you identify which assessment requirements the applicant has not yet demonstrated (e.g Performance criteria (PC) 2.4 of the unit of competency (UoC) MSMTMREF301 – Use and maintain reference standards was not met as you were unable to correctly validate the reference standard suitability).

Assessor's name:

Date:

Instructions for all written assessments

You must complete the 'all subclasses questions'

In addition, complete all questions relating to the specific subclass/es you wish to verify.

For multiple choice questions, check the correct answer, or answers. If you make a mistake, you can simply uncheck the box/es and check the new correct box/es.

For free text questions, type in the text box provided below each question. Include any calculations you use. The text box shouldn't limit how much you can write, but the size of the box indicates the expected maximum length of your answer.

If you have any problems writing your calculations in a text box, write them on a separate document, referencing the question they relate to (e.g. Subclass 8.1 Q19), then scan or photograph them and email along with your kit.

Name the added document **RK 8.1 & 9.1 F V2.1 Calculations Joe Smith**

NOTE: if you have any problems relating to the function of the checkboxes or text boxes, send your kit to NMIAdministrator@measurement.gov.au detailing the problem, and we shall rectify the problem.

Written assessment 'all subclasses'

If you are completing more than one recognition kit at the same time, you only need to answer these 'all subclasses' questions once.

1. In your own words, describe:

a) what a hazard is.

Correct

Incorrect

b) what a risk is.

Correct

Incorrect

2. List **four** basic duties you have under the safety legislation in your state or territory, as an employee or worker.

Satisfactory

Incomplete

Incorrect

3. List the main workplace health and safety **hazards** that you face when verifying measuring instruments or measures. Your answer should relate to the environments and method/s of verification for instruments/measures for which you are currently being assessed. Write your answer below. **Include at least 5 common hazards for this kit (add another 5 per additional kit/subclass you are completing at the same time).**

In addition, identify the main controls you apply to ensure your safety, and list any specific workplace procedure that applies to the hazard.

Hazards	Controls	Workplace procedures
---------	----------	----------------------

1.

2.

3.

4.

5.

1.

2.

3.

4.

5.

1.

2.

3.

4.

5.

Satisfactory Incomplete Incorrect

4. Do you know what a SDS and a SWMS are?

a) **Explain** what a SDS is:

Correct Incorrect

b) Give an example of when **you** would use a SDS:

Correct Incorrect

c) **Explain** what a SWMS is:

Correct Incorrect

d) Give an example of when **you** would use a SWMS:

Correct Incorrect

5. As part of the licence conditions, a servicing licensee is required to maintain a quality management system. From the following list, select each item that is included in your quality management system manual. Check **all** that apply.

- a) The requirement for all measuring instruments/measures to be of an approved pattern and comply with their certificate of approval.
- b) Details of mandatory reverification periods for instruments/measures used for trade.
- c) References to the national instrument test procedures relevant to the servicing licence.
- d) Procedures relating to instruments/measures that cannot be verified.

Satisfactory Incomplete Incorrect

6. Which document, maintained by the servicing licensee, details the required format of the mark that verifiers, working under that servicing licence, must apply to show an instrument/measure has been verified? Choose the single correct answer.

- a) The National Trade Measurement Regulations 2009.
- b) The licensee's quality manual.
- c) The National Instrument Test Procedures.
- d) The licensee's servicing licence.

Correct Incorrect

7. You have just changed your home address. What are you required to do? Choose the single correct answer.

- a) Nothing.
- b) Notify my employer who will notify NMI within 2 months.
- c) Notify my employer who will notify NMI within 14 days.
- d) Call my local trade measurement inspector and leave a message.

Correct Incorrect

8. If you verify a measuring instrument/measure, how long do you have to submit notice of the verification to the National Measurement Institute on the approved form? Choose the single correct answer.

- a) 7 days
- b) 14 days
- c) 21 days
- d) 1 month

Correct Incorrect

9. Select the actions you would take when you test a measuring instrument/measure in use for trade and you determine that you cannot verify it. Check **all** that apply.

- a) Replace the verification mark with one indicating the instrument/measure can no longer be used for trade.
- b) Remove any existing verification mark (where feasible).
- c) Notify the owner within 14 days.
- d) Notify the owner immediately.
- e) Notify NMI within 14 days
- f) Notify NMI immediately.

Satisfactory Incomplete Incorrect

10. What could be the consequence if you failed to provide the trader with a notice of non-verification when you have been unable to verify a measuring instrument/measure used for trade? Check **all** that apply.

- a) No consequence provided I told the trader they couldn't use the instrument/measure for trade.
- b) Customers could get incorrect measure.
- c) Nothing, it's the trader's responsibility to check the instrument/measure is correctly marked.
- d) I could be fined.
- e) I could be restricted from verifying instruments/measures.

Satisfactory Incomplete Incorrect

11. If you were unsure of the correct way to apply a verification mark to a measuring instrument/measure, or any other requirement relating to the verification process, what would you do? Write your answer below. Include at least **three** points.

Satisfactory Incomplete Incorrect

12. How often must a measuring instrument/measure used for trade (excluding weighbridges used for public weighing) be re-verified? Choose the single correct answer.

- a) Every 3 years.
- b) Every 5 years.
- c) Whenever it has been adjusted/repared or every 2 years.
- d) Whenever an adjustment or repair affects its metrological performance.

Correct Incorrect

13. Can you verify a measuring instrument/measure where its certificate of approval states 'cancelled in respect of new instruments as from 1 January 2018'? Choose the single correct answer.

- a) No, never.
- b) Yes, always.
- c) Yes, if the instrument/measure was manufactured before 1 January 2018.
- d) Yes, provided the instrument is new.

Correct Incorrect

14. What markings would you apply to an instrument/measure you verified on 26 May 2020 if your servicing licensee code is DBA and you have the verifier number VR 01278? Choose the single correct answer.

- a) DBA 1278 B0
- b) 1278 B 20
- c) DBA 1278 E20
- d) DBA 1278 E0
- e) 1278 DBA B20

Correct Incorrect

15. Provide a couple of examples of how a trader's use of an instrument/measure may impact on its performance. (Give **two examples** per instrument type you are being assessed for at this time).

Satisfactory Incomplete Incorrect

16. In your organisation, how do you maintain records relating to verification? You should include **at least 2 points**.

Satisfactory Incomplete Incorrect

17. In order to verify instruments/measures, what are the principal legal requirements for the business and the individual completing a verification? Include **at least 3 points** in your answer.

Satisfactory Incomplete Incorrect

18. Who is responsible for determining whether a particular model of instrument can legally be used for trade in Australia?

Correct Incorrect

19. Where could you find the legal units of measurement for Australia? There may be more than one correct answer.
- a) On the NMI internet pages.
 - b) In the *National Measurement Act 1960*
 - c) In the *National Measurement Regulations 1999*.
 - d) In the licensee's quality manual

Correct Incorrect

20. MPEs for instruments/measures may be given in a number of different documents. If the instrument/measure you are to verify was first approved on the 20th January 2020, where would you find the correct MPE to use during testing?

Correct Incorrect

The questions listed below apply specifically to the knowledge requirements for the unit of competency MSMTMREF301 - Use and maintain reference standards

21. List the **reference standards/test equipment** you use when verifying measuring instruments or measures. (Include capacity ranges, scale intervals and class/es, where appropriate) The answer you give should relate to **all** instrument subclasses for which you are being assessed. Write your answer below.

Satisfactory Incomplete Incorrect

22. How do you protect the integrity of the **reference standards and test equipment** you described in the previous question? Your answer should relate to storage, transportation and handling of reference standards and equipment. Write your answer below. Include **at least four** points.

Satisfactory Incomplete Incorrect

23. **REMINDER: This question relates to the reference standards/test equipment you use, not the instrument/measure being tested.**

What environmental factors could influence the integrity of the **reference standards and test equipment** that you use when verifying instruments/measures? The answer you give should relate to the **reference standards and test equipment** used when testing any instrument subclasses for which you are currently being assessed. Check **all** that apply.

- a) Temperature
- b) Humidity
- c) Electrical interference
- d) Wind/air movement
- e) Rain/water
- f) Gravity
- g) Dust/dirt
- h) Instrument level
- i) Pressure
- j) Vibration
- k) Other (detail):

Satisfactory Incomplete Incorrect

Continued on next page

24. How do you control the environmental factors identified in the last question when undertaking a verification? The answer you give should relate to the **standards/test equipment** for all subclasses for which you are currently being assessed. Write your answer below. You should include **at least one** control per item selected above.

Satisfactory Incomplete Incorrect

25. You have damaged a reference standard/test equipment used to verify measuring instruments/measures. What should you do with it? Choose the single correct answer.

- a) Fix the damage
- b) Quarantine it, until it has been repaired, tested and approved for use by the appropriate authority.
- c) Use it until it can be repaired.
- d) Quarantine it and then use it once repaired, if it is repairable.

Correct Incorrect

26. When using reference standards/test equipment, what signs/symptoms/measurement results might alert you to a possible problem/fault/damage with those standards/test equipment? Provide answers for each of the types of standards or test equipment you use when verifying instruments/measures of the subclass/es you are being assessed for. Include **at least two** points per each type of reference standard/test equipment you use.

Satisfactory Incomplete Incorrect

27. You have verified and marked a measuring instrument/measure when you notice that a reference standard/test equipment used for the verification is damaged or faulty. **What should you do with regards to the verified instrument/measure?** Write your answer below. Include **at least two** points.

Satisfactory Incomplete Incorrect

28. What does your quality management system require your organisation to do when there is a change to the reference standards/test equipment you use, i.e. when you acquire new standards/test equipment, when your standards/test equipment are re-verified, when you dispose of standards/test equipment that are broken/excess to requirements? Check **all** that apply.

- a) Ensure that new standards/test equipment have the appropriate certification.
- b) Allocate a junior member of staff to clean the new standards/test equipment.
- c) Update the list of reference standards/test equipment.
- d) Supply a copy of the updated list of reference standards/test equipment to NMI within 30 days of the change.
- e) Supply a copy of the updated list of reference standards/test equipment to NMI within 14 days.

Satisfactory Incomplete Incorrect

29. What is the principal purpose of a certificate of verification (e.g. a Reg.13 certificate)? Write your answer below.

Satisfactory Incomplete Incorrect

30. What procedures does your business need in place for maintenance and calibration of your reference standards/test equipment? Refer to your quality manual. Write your answer below. Include **at least two** points.

Satisfactory Incomplete Incorrect

31. Can you identify any limitations of the reference standards/test equipment you use during verification related to the verification or the environment in which they are used? Address this question to all reference standards/test equipment you may use for the subclasses you are currently being assessed for, describing the limitations and how significant they might be.

Satisfactory Incomplete Incorrect

32. What are organisations who are authorised to verify reference standards called?

Correct Incorrect

Written assessment (Subclass 8.1 specific questions)

Complete **ONLY** if you are being assessed for this subclass

1. What is the range of capacities permitted for the milk tank approved as NMI 8/93? Choose the single correct answer.

- a) 18 000 L
- b) 20-100 L
- c) 50 L
- d) 5050-30 000 L

Correct Incorrect

2. What are the requirements for reference standards used for verifying farm milk tanks? Include at least **three** points

Satisfactory Incomplete Incorrect

3. What is the MPE for the scale marks on a farm milk tank dipstick? Choose the single correct answer.

- a) ± 0.5 scale interval
- b) ± 1 scale interval
- c) ± 5 L
- d) ± 1 L

Correct Incorrect

4. What is the **maximum** permitted thickness for a dipstick? Choose the single correct answer.

- e) 30 mm
- f) 25 mm
- g) 5 mm
- h) 1.5 mm

Correct Incorrect

5. What markings (other than scale markings) are required on the dipstick?

Satisfactory Incomplete Incorrect

6. What is the purpose of the level sensitivity test?

Correct

Incorrect

7. When can a milk tank be used for trade without the need for a level indicating device?

Satisfactory

Incomplete

Incorrect

8. In your own words, explain how you will ensure a milk tank meets the free-drainage requirements?

Satisfactory

Incomplete

Incorrect

9. For the 'bridge strength test':

a) How much load must be applied to the bridge? Choose the single correct answer.

- i. 20 kg
- ii. 50 kg
- iii. 100 kg
- iv. 200 kg

Correct

Incorrect

b) What is the maximum permissible deviation of the indication on the dipstick? Choose the single correct answer.

- i. 0.5 scale interval
- ii. 1 scale interval
- iii. 1.5 scale interval
- iv. 2 scale intervals

Correct

Incorrect

10. You have just been employed by a licensee who holds a licence for instruments of subclasses 5.2, 8.1 and 9.1. You have obtained your statements of attainment for 9.1 but have yet to obtain a statement of attainment for instrument subclasses 5.2 and 8.1. Your manager tells you to install and verify a farm milk tank that a customer wants to relocate, while he is busy with work for another customer, telling you that you should be right to do it, as there is little difference between milk tanks and vehicle tanks. He says you can use his verifier number, if you like. What should you do? Choose the single correct answer.

- a) Install and verify the instrument, using your verifier number.
- b) Install and verify the instrument, using your manager's verifier number
- c) Install the instrument and leave the site; the owner will know not to use the instrument until your manager comes back to verify it, because it isn't marked with a verification mark.
- d) Tell your manager that you are not yet competent to verify the instrument.

Correct Incorrect

11. You have carried out level and drainage checks on a milk tank and commence accuracy testing using a recently verified master meter which was couriered back to your workshop last week from another part of the country. The milk tank has been tested annually by your company and shown consistent accuracy results each year. From the first scale point, you notice the tank appears to have significant measurement errors outside MPE, and this continues throughout the test. What might be the reason/s for this and what should you do? Include at least **three** possible reasons

Satisfactory Incomplete Incorrect

12. At a large dairy farm with a number of milk tanks, you notice some of the seals on the adjustable legs appear to have been interfered with and extra material placed under certain of the legs. When you test the tanks, you notice they have errors to the favour of the farmer, outside MPE. What should you do? Check **all** appropriate answers.

- a) Nothing, he's a good customer
- b) Obliterate the verification marks.
- c) Re-apply the seals, and just let the customer know that you have done so.
- d) Raise the issue with the customer and warn him of the consequences of using the tanks in that manner.
- e) Re-level and re-verify the tanks and say nothing of your findings to the owner, but anonymously email your local trade measurement office of your findings.
- f) Adjust and re-verify the instruments, with owner's consent.
- g) All of the above

Satisfactory Incomplete Incorrect

13. Which of the following would trigger the need to reverify a milk tank? Check **all** that apply.

- a) Replacement of a worn data plate
- b) Replacement of a dipstick
- c) Adjustment to the level of the tank.
- d) Repair to the tank's agitator motor
- e) All of the above

Satisfactory Incomplete Incorrect

14. Name 3 of the principal metrological components of a milk tank. – Briefly describe each component's function.

Component	Function
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Satisfactory Incomplete Incorrect

15. Define density in your own words.

Satisfactory Incomplete Incorrect

16. What environmental factors might affect the performance of a milk tank? Include **at least two** factors and describe controls to prevent them affecting the milk tank.

Satisfactory Incomplete Incorrect

17. Which of the following are legal units of volume in Australia? Check **all** that apply.

- a) Gallons
- b) Litres
- c) Cubic centimetre
- d) Kilogram
- e) Fluid ounce

Satisfactory Incomplete Incorrect

Ensure you complete the Verification form task

Written assessment (Subclass 9.1 specific questions)

Complete **ONLY** if you are being assessed for this subclass

1. What is the number of the general certificate of approval for vehicle tanks 0.5-105 kL capacity? Choose the single correct answer.
- a) NSC 9/0
 - b) NSC 9/0/A
 - c) NMI 9/1/0A
 - d) NSC 9/0/B

Correct Incorrect

2. What are the requirements for reference standards used for verifying vehicle tanks? Include at least **three** points

Satisfactory Incomplete Incorrect

3. What is the MPE for the scale mark on a sight tube used for sullage? Choose the single correct answer.
- a) ± 0.5 scale interval
 - b) ± 1 scale interval
 - c) $\pm 0.2\%$ of the indicated volume
 - d) ± 1 L

Correct Incorrect

4. What is the maximum permitted difference between the readings of the 2 sight tubes on a tank used for sullage? Choose the single correct answer.
- a) 1 scale interval
 - b) 0.5 scale interval
 - c) $\pm 0.5\%$ scale interval
 - d) ± 1 scale interval

Correct Incorrect

5. What markings (other than scale markings) are required on a dipstick used with a vehicle tank?

Satisfactory Incomplete Incorrect

6. Where should sight tubes for sullage tanks be positioned? Choose the single correct answer.
- a) Externally, one at either end of the tank. Mounted in the centre line of the tank, extending the full length of the tank.
 - b) Internally through the centroid of the tank, extending the full length of the tank
 - c) Externally, mounted at either side of the tank in line with the outlet valve.
 - d) Externally, at the back of the tank, one at either side of the bank of the tank, extending the full length of the tank.
- Correct Incorrect
7. For tanks without a dipstick (non-sullage), where should the capacity mark for the tank be located? Choose the single correct answer.
- a) Clearly marked on the external main face of the tank or compartment where the tank has multiple compartments (outlet side).
 - b) Inside the neck of the inspection opening, within 25 mm of the position identified in the approval document.
 - c) Clearly marked adjacent to the outlet valve.
 - d) On the data plate which should be riveted or welded to the tank in a position visible to a person standing on ground level.
- Correct Incorrect
8. Before commencing accuracy measurement of a road vehicle tank used for the delivery of aviation fuel, what preparation is required for the tank? Check all that apply.
- a) Position tank on a level surface
 - b) Ensure the tank is clean and dry
 - c) Close the internal valve
 - d) Close the external valve
 - e) Deliver a quantity of liquid into the tank, check for leaks.
 - f) Empty the tank and ensure it drains completely
 - g) Drain the tank for 1 minute after the flow becomes drips
 - h) Add a known quantity of detergent (e.g. 20 mL) to reduce the surface tension
- Satisfactory Incomplete Incorrect
9. How is the quantity of the liquid contained in a sullage tank determined? Choose the single correct answer.
- a) Insert a dry dipstick gently into the dip tube until it reaches its prescribed position. Immediately remove and read the point of demarcation between the wet and dry parts of the dipstick.
 - b) Wait for the tank liquid to settle. Read the bottom of the liquid meniscus in the nearest sight tube against the graduated scale.
 - c) Read the bottom of the liquid meniscus against the graduated scale of each sight tube and determine the average of the 2 readings.
 - d) Before adding any liquid, read the bottom of the liquid meniscus against the graduated scale of each sight tube and determine an average of the 2 readings. Repeat after adding a quantity of liquid and subtract the first reading from the second reading.
- Correct Incorrect

10. For a tank divided into two or more compartments, describe how you would determine that the capacity of any one compartment does not vary when adjacent compartments are either full or empty, and what variation is permitted?

Satisfactory Incomplete Incorrect

11. You have recently been employed by a licensee who holds a licence for instruments of subclasses 5.2, 8.1 and 9.1. You have obtained your statements of attainment for 5.2 and 8.1 but have yet to obtain a statement of attainment for instrument subclass 9.1. Your manager tells you to repair and verify a rail vehicle tank that has recently been damaged in a minor shunting collision, while he is away completing work for another customer, saying there is little difference between vehicle tanks and farm milk tanks. He says you can use his verifier number, if you like. What should you do? Choose the single correct answer.
- a. Repair the tank and leave the site; the owner will know not to use the instrument until your manager comes back to verify it, because it isn't marked with a verification mark.
 - b. Tell your manager that you are not yet competent to verify the instrument.
 - c. Repair and verify the tank, using your manager's verifier number.
 - d. Repair and verify the tank, using your verifier number.

Correct Incorrect

12. You are carrying out a 6-monthly accuracy test on three, multi-compartment, vehicle fuel tanks using a recently verified master meter which was couriered back to your workshop last week from another part of the country. The vehicle tanks have been tested regularly over the last 5 years and shown consistent accuracy results each time. From the first measurements, you notice the tank appears to have significant measurement errors outside MPE. As you continue on you find the same pattern with all compartments of the first tank. What might be the reason/s for this and what should you do? Include at least **three** possible reasons

Satisfactory Incomplete Incorrect

13. You are carrying out work at a large fuel depot, when one of the drivers mentions that he can supply you with cheap fuel, as they regularly 'hold back' some fuel at sites that are casual about checking deliveries, and 'don't miss a few litres here and there'. He indicates this is carried out in full knowledge of the managers who use the spare fuel in their work cars and to sell to other 'friends'. He asks if you would like to buy some cheap fuel. What should you do? Check all appropriate answers.

- a. Take up the offer, times are hard
- b. Have a 'quiet word' with the driver and tell him he better be careful who he speaks to or he could 'get into trouble' but decline his offer and leave it at that.
- c. Raise the issue with the site manager – it may be the driver is simply stealing fuel for his own personal gain.
- d. Decline the offer, but take no other action - it is none of your business.
- e. Raise your concerns with your local trade measurement office.

Satisfactory Incomplete Incorrect

14. Which of the following would trigger the need to re-verify a vehicle tank? Check all that apply.

- a) Replacement of a worn data plate
- b) Replacement of a dipstick
- c) Replacement of inspection hatch cover.
- d) Repair to damage to the wall of the tank.
- e) Replacement of the internal valve
- f) All of the above

Satisfactory Incomplete Incorrect

15. Name 3 of the principal metrological components of a vehicle tank. – Briefly describe each component's function.

Component	Function
-----------	----------

Satisfactory Incomplete Incorrect

16. Define density in your own words, and explain how density of fuel is impacted by increasing the temperature of the fuel.

Satisfactory Incomplete Incorrect

17. What environmental factors might affect the performance of a vehicle tank? Include **at least two** factors and describe controls to prevent them affecting the vehicle tank.

Satisfactory Incomplete Incorrect

18. Which of the following are legal units of volume in Australia? Check **all** that apply.

- f) Gallons
- g) Litres
- h) Cubic centimetre
- i) Kilogram
- j) Fluid ounce

Satisfactory

Incomplete

Incorrect

Ensure you complete the [Verification form task](#)

Verification form task

Download a certificate of verification or notice of non-verification of a measuring instrument form ([Form 6](#)) from the verifying measuring instrument page of the industry.gov.au website **for each task**.

DO NOT print the form out

Complete **all required fields** into the **electronic** form using the information given below, including the appropriate instrument performance code

Once you have completed the form/s, scan it/them, named, as described in the [instructions](#), and include with your submitted recognition kit.

For subclass 8.1

- Verification carried out at Green Valley Farm, Lot 43 Singapore Road, Naring, VIC 3636. ABN424256567878.
- Verification carried out on the 14/07/22 by Les Boyd Verifier number VR-01111.
- Licensee is Farmfit Solutions Pty Ltd SL-0989, Licensee's Mark is FFS. Licensee's ABN is 434353536565
- Instrument verified has approval number NSC 8/78, Model RK-C2, with maximum capacity of 12 500 L, serial number M173356.
- Instrument was verified following installation after being moved from another farm where it had previously been used for trade.

Satisfactory Incomplete Incorrect

For subclass 9.1

- Verification carried out at Northside Fuels Pty Ltd, 48 Archer St, South Townsville, QLD 4810. ABN565678784242.
- Verification carried out on the 14/07/22 by Ray Tucker Verifier number VR-01111.
- Licensee is Northside Fuels Pty Ltd SL-0989, Licensee's Mark is NSF. Licensee's ABN is 121243435454
- Instrument verified has approval number NSC 9/0/B, manufactured by Northside Fuels, Road Fuel Tank Model RK-C2, with maximum capacity of 35 400 L, serial number M173356.
- Instrument was verified as a new instrument. Tank is fitted to truck registration NSF 428.

Satisfactory Incomplete Incorrect

Workplace test reports for subclasses 8.1 and 9.1

In your workplace, you need to develop your skills by testing instruments in accordance with the national instrument test procedures, ideally under the supervision of an experienced, competent verifier. When completing tests, record all your results, the details of the instruments tested and reference measures and test equipment used, in the test reports used in your workplace. Show any calculations you use during the process.

Wherever possible, include reports for testing different types of instruments, and non-compliant instruments, to demonstrate your knowledge of the requirements

If you have access to an experienced verifier, ask them to sign each test report to indicate they have observed you test the instrument, in accordance with the relevant NITP (and any printed documents) relating to instruments they have observed you test, before scanning the reports you will submit.

You must provide three (3) test reports in total.

From the pool of test reports you have completed in the workplace, submit a minimum of **two (2)** reports, **with accompanying calculations**, representing your best work and demonstrating your understanding of the test procedures and processes required for **initial verification** of the instruments.

Indicate on the report where you would apply the verification mark to each instrument tested.

If you are being assessed for both subclasses, be sure to include at least one (1) for each subclass being assessed.

You must provide an additional report from the test you complete during your observation.

If you are unsure as to the total number of test reports you need to submit, then please contact the NMI administrator. Scan the test reports and include them with your completed kit, named as described in the [instructions](#).

Once you have completed all your written assessments and test reports, ask the relevant person/s to complete one of more of the following third party report forms before emailing your whole kit and additional documents to the NMI Administrator.

Third party report (experienced verifier)

Applicant:

Use this report **ONLY** if you hold the relevant statement/s of attainment for the units of competency and subclass/es being assessed. For example, if you do not have a statement of attainment that includes 8.1, another verifier who holds the relevant statement of attainment should also complete a copy of this form, referring to that part of the kit.

Persons providing a report must have directly supervised the applicant during training and completion of the simulated verifications for which the applicant is providing test reports. If other verifiers have also supervised the applicant, ask each of them to complete an additional report.

You must complete all pages of this report, in particular, you must include written comments to support your responses in the checklist. It is essential that you detail your observations of how the applicant ensured safety for self and others and how clearly and effectively the applicant communicated with clients/colleagues.

We thank you for your contribution. The applicant's assessor may need to contact you to clarify your responses, or to gain additional information.

Are you a verifier, or inspector of trade measurement? Yes No

Verifier/inspector number:

What subclass/es of instrument are indicated on the statement/s of attainment you hold (e.g. 8.1, 9.1)?

Have you verified instruments of these subclasses within the last 18 months? Yes No

State approximate numbers verified for each subclass:

Describe briefly your level of experience in testing and verifying instruments of the subclasses for which the applicant is being assessed. For example, how long have you been working with these instruments and in what ways (repairs, installation, verification).

During the last 12 months I have personally observed the applicant test the undermentioned instruments (including those detailed in the test reports I have signed), without assistance, and in accordance with the National Instrument Test Procedures, paying close attention to detail and accuracy, while correctly selecting, using and handling the appropriate reference standards/test equipment:

	Yes	No	If yes, number of instruments tested
8.1 Farm milk tanks			
9.1 Vehicle tanks			

In addition, the applicant has demonstrated to me correctly, on at least two occasions (in a simulated environment), how a verification label should be marked and where it should be applied to instruments of this/these subclasses.

Third party report (experienced verifier)

Have you observed the applicant:	Yes	No	Not applicable or not able to comment
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-
- liaise effectively with traders when organising site visits to ensure any assistance/equipment is provided, and to minimise impacts on traders, customers and employees – in accordance with company expectations? **What interactions have you observed?**
-

-
- explain verification procedures and outcomes clearly and effectively to traders, including respectfully communicating any inadequacies in the way traders use instruments? **When/where did you observe this?**
-

-
- correctly select, and ensure the suitability of, **reference standards/test equipment** for the specific task, as required by the relevant national instrument test procedures? **How did they do this?**
-

-
- maintain the integrity of **reference standards/test equipment** during their storage, transport and use to ensure they are suitable for use? **What did you observe?**
-

-
- identify, access and correctly interpret and apply certificates of approval and certificates of verification (e.g. Reg 13 or other appropriate certificates of verification of reference standards)?
-

Third party report (experienced verifier)

Have you observed the applicant:	Yes	No	Not applicable or not able to comment
----------------------------------	-----	----	---------------------------------------

-
- identify, access and correctly interpret and apply relevant test procedures when testing instruments? **When did you observe this?**
-

-
- evaluate the impact of the **operating environment** on the performance of the **instrument/standards/test equipment** and make any adjustments to ensure there was no impact?
Provide an example of when and how they did this
-

-
- identify local hazards and apply appropriate safety precautions as relevant to the hazard/s, in accordance with local legislation and company procedures? Include in your comments:
 - how they ensure safety for self and others when testing instruments
 - examples of compliance with local induction requirements
 - how they establish access to first aid

Include an example of what you observed them do at a site/in the workshop

Third party report (experienced verifier)

Have you observed the applicant:	Yes	No	Not applicable or not able to comment
----------------------------------	-----	----	---------------------------------------

- correctly apply calculations to determine the verification result, as required by the national instrument test procedures?

- correctly identify and apply the correct maximum permissible errors for each individual test, as determined by national trade measurement legislation and the national instrument test procedures?

- analyse test results to determine whether an instrument could be marked for trade use, in accordance with the national instrument test procedures?

- record, report and maintain test results and findings clearly, accurately, securely and in accordance with company policy?
Provide details of how they did this.

- correctly assess for compliance any **auxiliary** printing and indicating devices (non-POS) attached to measuring instruments? **Detail the device and the instrument it was attached to.**

- solve routine or unexpected problems and seek advice, when required? **Provide at least one example.**

Detail the approximate date range during which you have observed the applicant as detailed above:

From:

To:

The applicant has demonstrated oral and written language skills and numeracy skills to a standard expected for this role in our organisation.

Yes

No

Name of third party:

Date:

Telephone number of third party

Third party report (non-verifier)

(This form is only for use where the applicant has not been supervised/trained by an experienced verifier of instruments relating to this kit)

Applicant:

Use this form if you have worked with the applicant but do NOT hold statements of attainment for these units of competency/subclasses.

You must complete all pages of this report. In particular, you must include written comments to support your responses in the checklist, including details of how the applicant ensured safety for self and others and how clearly and effectively the applicant communicated with clients/colleagues. We thank you for your contribution. The applicant's assessor may need to contact you to clarify your responses, or to gain additional information.

Describe briefly your working relationship to the applicant and the types of work activities you have observed the applicant undertake:

Have you observed the applicant:	Yes	No	Not applicable or not able to comment
<ul style="list-style-type: none">liaise effectively with traders when organising site visits to ensure any assistance/equipment is provided, and to minimise impacts on traders, customers and employees – in accordance with company expectations? What interactions have you observed? Provide at least one example.			
<ul style="list-style-type: none">communicate clearly, effectively and respectfully with clients and colleagues? Give at least two examples.			

Third party report (non-verifier)

Have you observed the applicant:	Yes	No	Not applicable or not able to comment
----------------------------------	-----	----	---------------------------------------

- identify local hazards and apply appropriate safety precautions as relevant to the hazard/s, in accordance with local legislation and company procedures? Include in your comments:
 - how they ensure safety for self and others when testing instruments
 - examples of compliance with local induction requirements
 - how they establish access to first aid

Include an example of what you observed them do at a site.

- record, report and maintain test results and findings clearly, accurately and securely and in accordance with company policy?
Provide details of how they did this.

- solve routine or unexpected problems and seek advice, when required? **Provide at least one example**

Detail the approximate date window during which you have observed the applicant as detailed above: **From:** _____ **To:** _____

The applicant has demonstrated oral and written language skills and numeracy skills to a standard expected for this role in our organisation. **Yes** _____ **No** _____

Name of third party: _____ **Date:** _____

Telephone number of third party: _____

Record of assessor's conversation with third party (if required)

The assessor will speak to any third party/ies where they have not provided sufficient confirmation of the performance of the applicant they have observed. This form will be used to record the outcomes of any conversation between the assessor and a third party.

Name/s of third party/ies

Assessor's name:

Date:

Outcome of assessor's review of applicant's test reports

Applicant:

As part of your assessment, your assessor will use this form to record the accuracy of your submitted workplace documents.

Assessor: Use the check boxes to record if the documents have been completed/evaluated satisfactorily

Instrument subclass	Satisfactory	Unsatisfactory	Not applicable
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8.1 Farm milk tanks

9.1 Vehicle tanks

Please provide comments to support your findings on the submitted documents:

Where videos are provided, use the Skills observation report form for your comments:

Assessor's name:

Date:

Record of conversation with the applicant (to be completed by the assessor)

Applicant:

Applicant's ID checked at interview:

As part of your assessment, you will have a conversation with your assessor who may ask questions to clarify your knowledge in the following areas. Your assessor will use this checklist to record your responses.

Assessor: Use the check boxes to record the competency areas where you have asked questions. **You need not ask questions for all areas**, particularly where satisfactory evidence of competence has already been provided. You should include a list of questions asked, with expected answers, checked where correct, and actual responses given when incorrect, in a separate Word document.

	Satisfactory	Unsatisfactory	Not asked / not required
Preparation, planning and communication with trader			
Using and maintaining reference standards and/or equipment			
Certificates of approval			
Operating environment			
Work, health and safety including use of SDS/SWMS			
Maximum permissible errors			
Test procedures			
Test points			
Analysis of test results			
Marking instruments and verification documentation			
Auxiliary devices			
Reporting test results			
Inappropriate use of instruments by trader			
Servicing licence documentation and procedures including maintaining confidentiality and security of data			

Assessor's name:

Date:

Skills observation report to be completed by the assessor or a skills observer (SO)

If observation not completed by assessor, assessor to check bottom of each page

Name of applicant:

Units of competency being assessed:

Subclass of instrument being observed:

Name of observer:

SO

Assessor

Contact number for skills observer:

Applicant's photo ID viewed by observer

Type of ID viewed:

Test report attached

Time at observation site:

As part of your assessment, you will need to demonstrate completing a simulated initial verification of at least one instrument/measure in a real or simulated workplace environment. This is a requirement of the performance evidence you must demonstrate for these units of competency. During the observation, you should complete a test report for each instrument/measure tested and provide a copy of this to the person completing the skills observation. See also the [Instructions for observation assessments](#).

Your assessor, or an NMI-appointed skills observer, will observe you. They will contact you to discuss arrangements for this part of your assessment.

During the observation, the assessor/observer will use this checklist to record your skills in verifying measuring instruments/measures in accordance with legal requirements. They will also be noting how you:

- interact with businesses and their employees before, during and after completing testing
- assess and manage safety during the task
- store, use and handle any reference standards or equipment used (where applicable)
- consider any real or potential environmental impacts on the instrument/measure under test (and the standards and equipment used in testing) and take any necessary steps to account for any impacts
- identify, access and interpret relevant documentation
- record, analyse and report the findings of testing
- communicate the results of testing and any other factors relevant to the usage of instruments/measures
- identify the location for, and simulate the application of, a verification mark

For subclasses 6.1-6.3 and some simple measures/measuring instruments, you may be invited to complete the observation in the trade measurement office in your local city.

For skills observations for other instrument/measure types, or where you do not live in a major city, we will ask you to arrange a site local to you, where a suitable instrument/measure is available. We will contact you with further instructions.

Skills observation report to be completed by the assessor or a skills observer (SO)

If observation not completed by assessor, assessor to check bottom of each page

Observer: Use the check boxes to record your conclusions regarding each of the specific items detailed in the following list, where applicable. You must record additional notes and comments that are relevant to, and support, your conclusions, under each item. Essentially, you should describe what you have observed that supports the finding you have checked (what the applicant did).

NOTE: Items 2, 3, 4, 5, 6 and 9 not applicable for subclasses 18.1 and 18.2.

(Use one form per instrument observed)

I have observed the applicant complete a simulated verification test on the following instrument and simulate applying a verification mark:

Instrument/measure tested:

Reference standards/equipment used:

Date/s observed:

Location:

Did the applicant:	Yes	No	Not applicable
---------------------------	------------	-----------	-----------------------

- | | | | |
|--|--|--|--|
| 1. liaise and communicate effectively with the trader prior to, during and after testing to ensure verification testing was carried out safely and with minimal disruption to the trader's business? | | | |
|--|--|--|--|

- | | | | |
|---|--|--|--|
| 2. select and validate the suitability of reference standards/equipment for the specific verification task? | | | |
|---|--|--|--|

Skills observation report to be completed by the assessor or a skills observer (SO)

If observation not completed by assessor, assessor to check bottom of each page

Did the applicant:	Yes	No	Not applicable
3. determine whether reference standards/equipment were suitable for use for the verification task/not defective?			
4. maintain the integrity of reference standards/equipment during their transport, storage and use?			
5. use the reference standards/equipment in the correct manner?			
6. evaluate and (where required) adjust the impact of the operating environment on the performance of the standards/equipment?			
7. evaluate and (where required) adjust the impact of the operating environment on the performance of the instrument/measure?			

Skills observation report to be completed by the assessor or a skills observer (SO)

If observation not completed by assessor, assessor to check bottom of each page

Did the applicant:	Yes	No	Not applicable
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8. apply appropriate safety precautions and conduct testing safely?

9. identify, access, interpret and apply certificates of verification for reference standards/equipment?

10. identify, access, interpret and apply certificates of approval?

11. identify, access, interpret and apply relevant test procedures?

12. use specified calculations to determine the performance result?

Skills observation report to be completed by the assessor or a skills observer (SO)

If observation not completed by assessor, assessor to check bottom of each page

Did the applicant:	Yes	No	Not applicable
--------------------	-----	----	----------------

13. apply appropriate maximum permissible errors?

14. analyse test results to determine whether the measure could be marked for trade use?

15. report results and findings clearly and accurately?

16. demonstrate how to apply the verification mark?

17. identify and communicate any inadequacies in trader's use of the instrument/measure?

Name of assessor/SO:

Date: