

<b>Title</b>	<b>Collect and record gas metering data</b>		
<b>Level</b>	<b>3</b>	<b>Credits</b>	<b>4</b>

<b>Purpose</b>	People credited with this unit standard are able to identify equipment and procedures for reading and interpreting gas metering equipment and prepare for and collect gas metering data.
----------------	--

<b>Classification</b>	Gas Industry > Gas Measurement
-----------------------	--------------------------------

<b>Available grade</b>	Achieved
------------------------	----------

---

### Guidance Information

- 1 This unit standard is intended for, but is not limited to, workplace assessment. The range statements relate to enterprise specific equipment, procedures, and processes.
- 2 Evidence presented for assessment against this unit standard must be consistent with safe working practices and be in accordance with applicable manufacturer's specifications, company procedures and legislative requirements. This includes the knowledge and use of suitable tools and equipment.
- 3 Legislation, regulations and/or industry standards relevant to this unit standard include but are not limited to the current version of:  
Health and Safety at Work Act 2015;  
Gas (Safety and Measurement) Regulations 2010;  
AS/NZS 4645.1:2018 *Gas distribution networks – Network management*;  
AS 2885.3-2012 *Pipelines – Gas and liquid petroleum Operation and maintenance*;  
NZS 5259:2015 *Gas measurement*;  
and any subsequent amendments and replacements.
- 4 Range – evidence is required of reading and interpreting a corrected and an uncorrected meter reading.
- 5 References  
Australian standards (AS) may be found at [www.standards.org.au](http://www.standards.org.au);  
Australian/New Zealand standards (AS/NZS) may be found at [www.standards.govt.nz](http://www.standards.govt.nz).
- 6 Definition  
*Company procedures* means the documented methods for performing work activities and include health and safety, environmental, and quality management requirements. They may refer to manuals, codes of practice, or policy statements.

---

## Outcomes and performance criteria

### Outcome 1

Identify equipment and procedures for reading and interpreting gas metering equipment.

#### Performance criteria

- 1.1 Metering equipment and meter reading equipment are described according to types and component parts.
- Range metering equipment – meters;  
metering equipment may include – flow computer, correctors, data logger;  
meter reading equipment may include – meter record sheets, calculator, calling card, security access, site access, keys, electronic devices, pressure gauge, temperature gauge.
- 1.2 Procedures for reading meters are located and interpreted.
- 1.3 Functions and applications of meter reading equipment are described according to design and company requirements.
- Range billing, corrected readings, uncorrected readings, digital, analog, imperial, metric, multiplier.

### Outcome 2

Prepare for and collect gas metering data.

#### Performance criteria

- 2.1 Potential safety hazards associated with carrying out meter reading are identified and controlled.
- Range hazards may include – access, animals, hazardous areas, gas release, electrical voltage;  
controls may include – personal protective equipment, gas detection, intrinsically safe equipment, exclusion zones.
- 2.2 Equipment is used to read meters and gas metering data is collected.
- Range may include – corrector, flow computer, data logger, pressure gauge, temperature gauge, calculator, record sheets.
- 2.3 The potential faults associated with incorrect application and operation of equipment and procedures are identified, and the steps to avoid them are described.
- Range incorrect readings.

2.4 Records and documents are completed and supplied to internal bodies and personnel for meter information.

Range may include – job card, billing, recommendation, fault notification, site hazards.

<b>Replacement information</b>	This unit standard, unit standard 32041, and unit standard 32042 replaced unit standard 30381.
--------------------------------	--

<b>Planned review date</b>	31 December 2026
----------------------------	------------------

#### Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	27 February 2020	N/A
Rollover	2	30 January 2025	N/A

<b>Consent and Moderation Requirements (CMR) reference</b>	0014
--	------

This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

#### Comments on this unit standard

Please contact Waihanga Ara Rau Construction and Infrastructure Workforce Development Council [qualifications@waihangaararau.nz](mailto:qualifications@waihangaararau.nz) if you wish to suggest changes to the content of this unit standard.