



Water Act 2000 – Form W2F119C

ABN 51 242 471 577

Module C - Water meter validation

Purpose of this form

This form is to be completed by an Authorised Meter Validator¹ for the validation of water metering installations using a small concrete rectangular weir measurement structure forming part of surface water works extracting water under the authority of the *Water Act 2000*.

Where a water meter meets the requirements of Module C of the *Queensland interim water meter standard for non-urban metering* (interim standard), the authorised meter validator must give the relevant person² a copy of this form as a validation certificate, within 20 business days of an inspection of the water meter. The relevant person must give a copy of the validation certificate to the Department of Regional Development, Manufacturing and Water within 20 business days of receipt of the validation certificate.

Where a water meter does not meet the requirements of Module C of the interim standard, the authorised meter validator must provide the relevant person with a copy of this form as a validation notice explaining why, and any potential modifications that could allow the meter to become compliant. The relevant person or the authorised meter validator may provide a copy of this notice to the department.

1. Authorised meter validator means a person who is accredited by Irrigation Australia Limited as a 'certified meter installer and validator'. Alternatively, this person can be appointed by the department, where they have the necessary expertise or experience to perform this function.
2. Relevant person means a water authorisation holder, or the owner of works used for taking or interfering with water, or the person nominated to represent them in departmental systems.

Client details (to be completed by the relevant person)

Full name:

If the applicant is a corporation, please supply the ACN:

Client reference no. (if known):

Attention (Optional) (e.g., Principal, Secretary, Managing Director, etc.)

Street Address:

Mailing Address:

The contact details provided will be used by the department for the purpose of communications under the *Water Act 2000*. The department may be required or authorised by legislation to disclose your information to other third parties.

Full name:

Mobile phone:

Alternative phone:

Email:

Privacy statement: Collection of information on this form is authorised by section 112 of the Water Regulation 2016 and will be used by the department for the purpose of processing the validation certificate. For these purposes disclosure to other third parties may be required by or of the department. The information may be searchable, disclosed to and used by the public as allowed, authorised or required by legislation.

OFFICE USE ONLY	Client ref.		Office Stamp Only
	Authorisation ref.	Registration Date / / Initials	

Water Authorisations (to be completed by the relevant person)				
All water extracted through this meter is to be attributed to these water authorisation/s:				
Does the relevant person own this meter?		<input type="checkbox"/> Yes <input type="checkbox"/> No Who owns the meter?		
Location Details (to be completed by the Authorised meter validator)				
Property name / road address (where the meter is located)				
Lot / Plan (where the meter is located)				
Works Details (to be completed by the authorised meter validator – works numbers to be completed by the relevant person, if known)				
Source and location of extraction of water				
Water in a watercourse, lake or spring		Name:		
Is the meter measuring from multiple works? <input type="checkbox"/> Yes <input type="checkbox"/> No				
Works Type#	Works Size <input type="checkbox"/> mm <input type="checkbox"/> metres	Estimated works extraction flow rate <input type="checkbox"/> l/s <input type="checkbox"/> ML/day	Works are	Works number (if known)
		min→ max→	<input type="checkbox"/> fixed <input type="checkbox"/> portable	
		min→ max→	<input type="checkbox"/> fixed <input type="checkbox"/> portable	
Provide a separate attachment if more space is required.				
# e.g. surface water (sw) gravity – pipe; sw gravity – channel; sw pump - (specify type)				
Meter ID (to be completed by the authorised meter validator)				
<input type="checkbox"/> This is post-installation validation, of new metering installation or new metering installed as a direct replacement for the meter listed in 'Replaced meter information' (Measurement assurance requirement F)				
<input type="checkbox"/> This is ongoing validation (revalidation) under s111 of the Water Regulation 2016 (Measurement assurance requirement G)				
<input type="checkbox"/> This validation inspection was triggered by the meter becoming faulty under s110AA or s110A of the Water Regulation 2016				
Meter information for meter undergoing validation				
Location details		Latitude: _____ Longitude: _____		
		Datum: <input type="checkbox"/> GDA2020 <input type="checkbox"/> GDA94 <input type="checkbox"/> WGS84 <input type="checkbox"/> Other:		
Make				
Model				
Serial no.				
Modular metering system				
System sensors		<input type="checkbox"/> Depth/Height only	Number of	
Sensor serial no.'s	Serial number	e.g., s/no abcde1234		
	Serial number		<input type="checkbox"/> unable to access sensor	
	Serial number		<input type="checkbox"/> unable to access sensor	
	Serial number		<input type="checkbox"/> unable to access sensor	

Power source (select one – ‘mains powered’ or ‘battery powered’)							
<input type="checkbox"/> Mains powered							
<input type="checkbox"/> Battery powered		Voltage:		<input type="checkbox"/> With mains electricity trickle charging			
				<input type="checkbox"/> With solar panel charging			
Office use only							
Meter ID:				Dial type:		M	
Replaced Meter Information (to be completed by the authorised meter validator)							
Has the meter been removed from service?							
<input type="checkbox"/> No							
<input type="checkbox"/> Yes → Removal date:							
Serial no.				Final reading			
Validation actions (to be completed by the authorised meter validator)							
Date of inspection							
Other devices connected to the meter (select data logger, transmission device or no other devices):							
<input type="checkbox"/> No other devices connected							
<input type="checkbox"/> Data logger:		Make		Model		Serial number	
<input type="checkbox"/> Transmission device:		Make		Model		Serial number	
Meter reading at start of inspection		<input type="checkbox"/> Litres <input type="checkbox"/> kilolitres <input type="checkbox"/> megalitres <input type="checkbox"/> cubic meters					
a) As a minimum, the meter generates an electronic pulse output each time a set volume of water passes through the meter.							
<input type="checkbox"/> Yes → Go to b)							
<input type="checkbox"/> No → Meter not compliant with the interim standard							
b) Has water been extracted through the meter prior to this inspection?							
<input type="checkbox"/> No → Go to c)							
<input type="checkbox"/> Yes → Inspect all mechanical tamper-evident seals. Were any seals found to be broken or missing?							
<input type="checkbox"/> Yes → Date department notified:				→ Go to d)			
<input type="checkbox"/> No → Go to d)							
c) Was the meter installed by an authorised meter validator?							
<input type="checkbox"/> Yes → Certified meter installer and validator (CMI) number:		→ Go to d)					
<input type="checkbox"/> No → Meter not compliant with the interim standard							
d) Which sub-section of ‘3.1 Which meter can be used’ of Module C of the interim standard, does the meter comply with (Measurement assurance requirement A)?							
<input type="checkbox"/> 3.1.1 → Existing meter (Table 1) → Go to e)							
<input type="checkbox"/> 3.1.2 → New meter – direct replacement (Table 2) → Go to e)							
<input type="checkbox"/> None of the above confirmed → meter not compliant with the interim standard							
e) Has a new sensor/s been installed?							
<input type="checkbox"/> No → Go to f)							
<input type="checkbox"/> Yes → Confirm the device/s has a conforming calibration/test certificate (Measurement assurance requirement B)							
<input type="checkbox"/> Confirmed → Certificates attached → go to f)							
<input type="checkbox"/> Not confirmed → Meter not compliant with the interim standard							

f) 1. Extracted water does not bypass the meter.
 Confirmed → Go to g)
 Not confirmed → Meter not compliant with the interim standard → Describe why:

f) 2. The meter has a flow computer which allows notification of error conditions. Confirm that no such conditions are active:
 Confirmed
 Not confirmed → Meter not compliant with the interim standard
 New meter installation → Water has been passed through the meter Water not available

f) 3. The meter has a battery → Record the date the battery must be replaced. Replace battery by date: _____
 Label inside meter door
 Not recorded at meter → Meter not compliant with the interim standard

f) 4. Confirm the meter meets all other requirements of '3.2 Installation' of Module C of the interim standard (Measurement assurance requirement C):
 Confirmed → Go to g)
 Not confirmed → Meter not compliant with the interim standard

g) Is this ongoing validation (revalidation) or validation due to the meter becoming faulty?
 No → Go to h)
 Yes → Confirm maintenance of the meter meets all requirements of '3.3 Maintenance' of Module C of the interim standard (Measurement assurance requirement D):
 Confirmed → Maintenance report provided to the relevant person → go to h)
 Not confirmed → Meter not compliant with the interim standard

h) 1. Confirm you have applied the electronic seal/s so the relevant person can access the device/s to read only, and so they cannot edit configuration parameters or write/delete data
 Confirmed → Record relevant person level password: _____
 Not confirmed → Meter not compliant with the interim standard

h) 2. Confirm that mechanical tamper evident seals have been applied to the controller mounting and any access door and sensor mountings
 Confirmed
 Not confirmed → Meter not compliant with the interim standard

Meter reading at completion of inspection Litres kilolitres megalitres cubic meters

Supporting documentation

<input type="checkbox"/> Photos	- of serial number/s - of meter reading, showing dial or display - of a tamper evident seal, showing type and approach used - of the overall metering installation
<input type="checkbox"/> Calibration/test certificate/s	- required for new sensor/s
<input type="checkbox"/> Mechanical tamper-evident seals list	- with each unique seal number and its location on the metering installation
<input type="checkbox"/> Configuration settings	- required—as the meter has configurable parameters—this is a record of these settings
<input type="checkbox"/> Maintenance report	- required where this is ongoing validation (revalidation) of existing meter and validation due to a faulty meter

Authorised meter validator Declaration

I declare that I have undertaken the validation actions described above and the responses provided are true and correct.
This is a (select one):
 Validation certificate confirming the metering installation complies with the requirements of Module C of the interim standard.
 Notice the metering installation does not comply with the requirements of Module C of the interim standard, and a copy of the notice has been provided to the department. Review 'Validation actions' to see why the meter installation does not comply.

Name: _____ CMI No.: _____

Business name: _____

Email: _____ Phone: _____

Signature: _____ Date: / /

A copy of this form and supporting documentation was provided to the relevant person (record relevant person name and the date it was provided):

Name: _____ Date: / /