

Gauge board installation and calibration checklist

Duly qualified persons (DQPs) should complete this checklist during the installation process to ensure all criteria have been met.

The checklist will assist DQPs enter all necessary information into the DQP Portal and complete the site validation.

INSPECTION COMPLIANCE

(Y = Yes, P = Photo taken, N/A = Not Applicable)

Site details	Details
Landholder name	
Storage ID - work approval number	
Date of installation	
Details of certifying DQP	
Details of qualified person undertaking survey	

Site prerequisites and installation method

Site prerequisites	Y	P	N/A	Remarks
Site selection:				
Able to measure lowest accessible point in storage as confirmed by DQP	<input type="checkbox"/>			
Easily and safely accessed for reading and maintenance	<input type="checkbox"/>			
Resistant to damage, tampering or attack	<input type="checkbox"/>			
Installation method:				
New installation	<input type="checkbox"/>	<input type="checkbox"/>		
Existing installation	<input type="checkbox"/>			

Floodplain harvesting measurement



Checklist

Single gauge board affixed to existing structure	<input type="checkbox"/>	<input type="checkbox"/>		
Single gauge board installed standalone	<input type="checkbox"/>	<input type="checkbox"/>		
Sectional gauge boards affixed to existing structure	<input type="checkbox"/>	<input type="checkbox"/>		
Sectional gauge boards installed standalone	<input type="checkbox"/>	<input type="checkbox"/>		
WHS Risk Assessment completed	<input type="checkbox"/>			

Gauge board selection and installation

Gauge board selection	Y	P	N/A	Remarks
Gauge board construction in accordance with specifications	<input type="checkbox"/>	<input type="checkbox"/>		
Gauge boards increment 100mm (existing)	<input type="checkbox"/>	<input type="checkbox"/>		
Gauge boards increment 10mm (new)	<input type="checkbox"/>	<input type="checkbox"/>		
Total height (single or sectional boards combined) allows for measurement from lowest accessible point in storage to embankment crest level	<input type="checkbox"/>	<input type="checkbox"/>		

Floodplain harvesting measurement



Checklist

Gauge board installation	Y	P	N/A	Remarks
Gauge height (0.00m) set <u>at</u> storage floor level low point (consistent with storage curve)	<input type="checkbox"/>	<input type="checkbox"/>		
Gauge height (0.00m) set <u>above</u> storage floor level low point (consistent with storage curve)	<input type="checkbox"/>	<input type="checkbox"/>		
Securely mounted as per specifications for selected installation method	<input type="checkbox"/>	<input type="checkbox"/>		
Gauge board(s) are installed vertically plumb	<input type="checkbox"/>	<input type="checkbox"/>		
Highest increment on lower board accurately levelled to lowest increment on higher board successively [Sectional boards only]	<input type="checkbox"/>	<input type="checkbox"/>		
Non-corrosive fixings used	<input type="checkbox"/>	<input type="checkbox"/>		
Tamper-seals installed on fixing bolts by DQP	<input type="checkbox"/>	<input type="checkbox"/>		

Survey requirements

Survey	Y	P	N/A	Value
Reference survey benchmark ID	<input type="checkbox"/>			
Reference survey benchmark level (mAHD)	<input type="checkbox"/>			
Vertical height difference from 0.00m (gauge height) to survey benchmark (m)	<input type="checkbox"/>			
Level of gauge height (0.00m) of measuring point (m AHD) [Gauge height (0.00m) set <u>at</u> storage floor level low point]	<input type="checkbox"/>			
Level of gauge height (0.00m) of	<input type="checkbox"/>			

Floodplain harvesting measurement



Checklist

measuring point (m AHD) [Gauge height (0.00m) set <u>above</u> storage floor level low point]				
Height of gauge above 0.00m (eg. 0.35m)	<input type="checkbox"/>			
Level on the storage floor adjacent to the gauge board (mAHD)	<input type="checkbox"/>			
GDA20 coordinates of the gauge boards (Latitude and Longitude)	<input type="checkbox"/>			

Certification

Certification	Y	P	N/A	Remarks
Site registered on WaterNSW DQP portal by DQP	<input type="checkbox"/>			
Details entered in DQP portal and validation certificate generated	<input type="checkbox"/>			