

Master conditions

FINAL v1.1

Master condition schedule categories

- Standard
- Low-Very Low Consequence
- New (Proposed)
- Newly referable

Applicable master conditions

Adapted from the Guidelines for Applying Safety Conditions to Referable Dams

Dam Safety Conditions form part of the above condition templates (as indicated by ✓). Users can manually remove conditions from a draft schedule if not required. The special condition is not part of any template, but can be added manually if it is required.

Dam Safety Conditions			Condition schedule template name		
ID	Title	General Description	Standard	Low-Very Low Consequence	New (Proposed)/Newly referable
DSC1	Documentation	This condition defines the requirements for the storage of documentation relating to the dam and the transfer of the documentation to new owner/s.	✓		✓
DSC2	Incidents	This condition defines the requirements for reporting incidents that occur at the dam.	✓		✓
DSC3	Design	This condition defines the requirements to document design of the dam.	✓		✓
DSC4	Construction	This condition defines the requirements to document future construction activities at the dam.	✓		✓
DSC5	As-constructed	This condition defines the requirements to document the construction of the dam.	✓		✓
DSC6	Spillway adequacy	This condition defines the requirements to maintain compliance with the Guidelines on Acceptable Flood Capacity for Dams.	✓	✓ (Applied at decision maker's discretion)	✓
DSC7	Data book	This condition defines the requirements to maintain a data book for the dam.	✓		✓

DSC8	Standing operating procedures	This condition defines the requirements to document who is responsible for dam operations. (Not generally applicable to single owner dams.)	✓		✓
DSC9	Detailed operation and maintenance manuals	This condition defines the requirements for documentation of operating procedures e.g. for maintenance of valves etc.	✓		✓
DSC10	Periodic inspections	This condition defines the requirements for periodic visual inspections performed by a dam engineer.	✓ (Annual. Applied at decision maker's discretion for dams other than Category 2. Required for all Category 2 dams)		✓ (Annual. Applied at decision maker's discretion for dams other than Category 2. Required for all Category 2 dams)
DSC11	Comprehensive inspections	This condition defines the requirements for 5 yearly inspections performed by a dam engineer.	✓	✓	✓
DSC12	Safety reviews	This condition defines the requirements to check dam adequacy against current requirements every 20 years.	✓		✓
DSC13	Special inspections	This condition defines the requirements for inspections performed by a dam engineer when required by the dam safety regulator.	✓	✓	✓
DSC14	Decommissioning	This condition defines the requirements for decommissioning a dam to ensure it is decommissioned safely.	✓	✓	✓
DSC15	Gate operation	This condition defines the requirements for spillway gate operation.	✓ (Applied at decision maker's discretion for gated dams only)		✓ (Applied at decision maker's discretion for gated dams only)
DSC16	Special condition	This condition defines an action required from a dam owner by a specified date, to be used for special circumstances that are unique to the dam.	Applied at decision maker's discretion	Applied at decision maker's discretion	Applied at decision maker's discretion

Master conditions

Legacy ID	New ID	Title	Text
DS1	DSC1	Documentation	<ol style="list-style-type: none"> Any documentation prepared in order to comply with these conditions must be stored securely until such time as the dam is decommissioned. The documentation must be made available to dam safety regulator for inspection within {five (5)} business days of a written request for access being received by the dam owner. On change of ownership of the dam, these conditions and all documentation prepared and stored in compliance with these conditions must be transferred to the new owner.
DS2	DSC2	Incidents	<ol style="list-style-type: none"> In addition to the requirements detailed within the approved Emergency Action Plan (EAP), the dam owner must report all incidents and failures as defined in the <i>Queensland Dam Safety Management Guidelines</i> to the dam safety regulator within {two (2)} calendar days of becoming aware of the incident. The dam owner must provide a report on the incident including any remedial actions to the dam safety regulator within {twenty (20)} business days of the incident or failure.
DS3	DSC3	Design	<ol style="list-style-type: none"> Design Report/s and any identified design and construction documentation must be referenced in the Data Book.
DS4	DSC4	Construction	<ol style="list-style-type: none"> Any construction works must be carried out in accordance with current engineering best practice to ensure that the dam remains generally in accordance with the documentation included in the Data Book. Proposed construction works require a design report to be submitted to the dam safety regulator at least {twenty (20)} business days before the commencement of construction works.
DS6	DSC5	As-constructed	<ol style="list-style-type: none"> All construction works must produce as-constructed drawings certified by a Registered Professional Engineer (RPEQ) for inclusion in the Data Book in accordance with the <i>Dam Safety Management Guidelines</i>.
DS15	DSC6	Spillway adequacy	<ol style="list-style-type: none"> The dam owner must ensure that the dam is compliant with the current published version of the <i>Guidelines on Acceptable Flood Capacity for Dams</i>. The dam must be assessed and if necessary upgraded in accordance with these guidelines. An Acceptable Flood Capacity (AFC) Assessment Report must be submitted to the dam safety regulator by {Day} {Month} {Year}.
DS5	DSC7	Data book	<ol style="list-style-type: none"> The dam owner must maintain a data book in accordance with the current published version of the <i>Queensland Dam Safety Management Guidelines</i>. The data book must be reviewed and if necessary updated each calendar year. A written notification confirming that the Data Book has been reviewed and if necessary updated must be submitted to the dam safety regulator by {Day} {Month} each calendar year.

		Data book (proposed)	<ol style="list-style-type: none"> 1. The dam owner must prepare a data book within {sixty (60)} business days of practical completion of construction of the dam. 2. The dam owner must maintain a data book in accordance with the current published version of the Queensland Dam Safety Management Guidelines. 3. The data book must be reviewed and if necessary updated each calendar year. A written notification confirming that the Data Book has been reviewed and if necessary updated must be submitted to the dam safety regulator by {Day} {Month} each calendar year.
		Data book (newly referable)	<ol style="list-style-type: none"> 1. The dam owner must prepare a data book by {Day} {Month} {Year}. 2. The dam owner must maintain a data book in accordance with the current published version of the Queensland Dam Safety Management Guidelines. 3. The data book must be reviewed and if necessary updated each calendar year. A written notification confirming that the Data Book has been reviewed and if necessary updated must be submitted to the dam safety regulator by {Day} {Month} each calendar year.
<i>DS7</i>	DSC8	Standing operating procedures	<ol style="list-style-type: none"> 1. The Dam Owner must maintain standing operating procedures (SOPs) in accordance with the current published version of the <i>Queensland Dam Safety Management Guidelines</i>. 2. The dam owner must ensure the SOPs are reviewed and if necessary updated each calendar year. A written notification confirming that SOPs have been reviewed and if necessary updated must be submitted to the dam safety regulator by {Day} {Month} of each calendar year.
		Standing operating procedures (proposed)	<ol style="list-style-type: none"> 1. The dam owner must prepare standing operating procedures (SOPs) within {twenty (20)} business days of practical completion of construction of the dam. 2. The Dam Owner must maintain SOPs in accordance with the current published version of the <i>Queensland Dam Safety Management Guidelines</i>. 3. The dam owner must ensure the SOPs are reviewed and if necessary updated each calendar year. A written notification confirming that SOPs have been reviewed and if necessary updated must be submitted to the dam safety regulator by {Day} {Month} of each calendar year.
		Standing operating procedures (newly referable)	<ol style="list-style-type: none"> 1. The dam owner must prepare standing operating procedures (SOPs) by {Day} {Month} {Year}. 2. The Dam Owner must maintain SOPs in accordance with the current published version of the <i>Queensland Dam Safety Management Guidelines</i>. 3. The dam owner must ensure the SOPs are reviewed and if necessary updated each calendar year. A written notification confirming that SOPs have been reviewed and if necessary updated must be submitted to the dam safety regulator by {Day} {Month} of each calendar year.

DS8	DSC9	Detailed operation and maintenance manuals	<ol style="list-style-type: none"> 1. The dam owner must maintain detailed operation and maintenance manuals in accordance with the current published version of the <i>Queensland Dam Safety Management Guidelines</i>. 2. The dam owner must ensure the manuals are reviewed and if necessary updated each calendar year. A written notification confirming that the manuals have been reviewed and if necessary updated must be submitted to the dam safety regulator by {Day} {Month} each calendar year.
		Detailed operation and maintenance manuals (proposed)	<ol style="list-style-type: none"> 1. The dam owner must prepare detailed operation and maintenance manual within {sixty (60)} business days of practical completion of construction of the dam. 2. The dam owner must maintain detailed operation and maintenance manuals in accordance with the current published version of the <i>Queensland Dam Safety Management Guidelines</i>. 3. The dam owner must ensure the manuals are reviewed and if necessary updated each calendar year. A written notification confirming that the manuals have been reviewed and if necessary updated must be submitted to the dam safety regulator by {Day} {Month} each calendar year.
		Detailed operation and maintenance manuals (newly referable)	<ol style="list-style-type: none"> 1. The dam owner must prepare detailed operation and maintenance manual by {Day} {Month} {Year}. 2. The dam owner must maintain detailed operation and maintenance manuals in accordance with the current published version of the <i>Queensland Dam Safety Management Guidelines</i>. 3. The dam owner must ensure the manuals are reviewed and if necessary updated each calendar year. A written notification confirming that the manuals have been reviewed and if necessary updated must be submitted to the dam safety regulator by {Day} {Month} each calendar year.
DS10	DSC10	Periodic inspections	<ol style="list-style-type: none"> 1. The dam owner must undertake an inspection of the dam in accordance with the current published version of the <i>Queensland Dam Safety Management Guidelines</i> on or before {Day} {Month} of each calendar year and must produce a written record of these inspections. 2. The dam safety regulator must be advised in writing at least {five (5)} business days prior to the date of inspection and may elect to observe any or all procedures undertaken in the inspection process. 3. A written notification confirming that inspection has been carried out must be submitted to the dam safety regulator by {Day} {Month} of that same calendar year.
DS11	DSC11	Comprehensive inspections	<ol style="list-style-type: none"> 1. The dam owner must carry out a comprehensive inspection of the dam in accordance with the current published version of the <i>Queensland Dam Safety Management Guidelines</i>. The inspection is due on or before {Day} {Month} {Year}.

			<ol style="list-style-type: none"> 2. The dam safety regulator must be advised in writing at least {five (5)} business days prior to the date of the inspection and may elect to observe any or all procedures involved in the inspection process. 3. A Comprehensive Inspection Report must be submitted to the dam safety regulator within {sixty (60)} business days after completion of the inspection. 4. Further comprehensive inspections are to be carried out at {five (5)} year intervals. When a comprehensive inspection falls in the same year that a safety review is required, this inspection shall be undertaken as part of the safety review.
DS12	DSC12	Safety reviews	<ol style="list-style-type: none"> 1. The dam owner must carry out a safety review in accordance with the current published version of the <i>Queensland Dam Safety Management Guidelines</i>. The safety review is due on or before {Day} {Month} {Year}. 2. The dam safety regulator must be advised in writing at least {five (5)} business days prior to the date of inspection and may elect to observe any or all procedures undertaken in the inspection process. 3. A Safety Review Report must be submitted to the dam safety regulator within {sixty (60)} business days after completion of the review. 4. Further safety reviews are to be carried out at {twenty (20)} year intervals, but may be required by the dam safety regulator at more regular intervals.
DS9	DSC13	Special inspections	<ol style="list-style-type: none"> 1. When directed by the dam safety regulator, a special inspection must be carried out in accordance with the current published version of the <i>Queensland Dam Safety Management Guidelines</i>. The cost of this inspection is the responsibility of the dam owner.
DS14	DSC14	Decommissioning	<ol style="list-style-type: none"> 1. The dam must not be taken out of service (decommissioned) without a decommissioning plan that has been prepared in accordance with the current published version of the <i>Queensland Dam Safety Management Guidelines</i> and accepted by the dam safety regulator. 2. Following acceptance of the plan, the dam safety regulator must be advised within {twenty (20)} business days of completion of the decommissioning.
DS15	DSC15	Gate operation	<ol style="list-style-type: none"> 1. Documentation detailing gate operation procedures must be submitted to the Dam Safety Regulator on or before {Day} {Month} {Year}. 2. The dam owner must ensure procedures are reviewed, and if necessary updated each calendar year. A written notification confirming that the procedures have been reviewed and if necessary updated, must be submitted to the dam safety regulator by {Day} {Month} each calendar year. If updated, a copy of the updated procedures must be submitted with the written notification.
N/A	DSC16	Special	<ol style="list-style-type: none"> 1. {The dam owner must [insert required action here] by} {Day} {Month} {Year}.