

Compliance Standards Map

Redstone Civil Pty Ltd

Legislation · Australian Standards · HRCW / SWMS Trigger Matrix · Prequalification Evidence · Priority Build

Generated:	09 June 2026
Tool:	consultancydd.com/tools/application/
Word count:	2,540 words
Purpose:	Operational reference — which standards govern which activity, what evidence is required, and what to build first. Use alongside C2 WHS Policy and WHS Deep Research Reader.
Companion files:	redstone-civil-whs-deep-research-reader.pdf · redstone-civil-c2-whs-policy-statement.pdf
Parts:	1: Legislation Map · 2: Australian Standards · 3: HRCW / SWMS Trigger Matrix · 4: Prequalification Evidence · 5: Priority Build

■ 5-part compliance reference — 4 legislative instruments mapped, 8 Australian standards with costs, 11-activity HRCW trigger matrix, 5-portal prequalification evidence map with current status, and 10-item priority build order

Section	Words	%
Part 1 — Legislation Map (4 instruments)	350	13.8%
Part 2 — Australian Standards Compendium (8 items)	530	20.9%
Part 3 — HRCW / SWMS Trigger Matrix (11 activities)	620	24.4%
Part 4 — Prequalification Evidence Map (5 portals)	680	26.8%
Part 5 — Priority Compliance Build Order (10 items)	360	14.2%
TOTAL	2,540	100%

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Part 1 — Legislation Map

WHS Act 2011 (S19/27/46) · WHS Regulation 2011 (S291/299/304) · QBCC Act 1991 · TCC Supplier Code 2026
— activity triggered → specific obligation

Part 2 — Australian Standards Compendium

8 standards · operational relevance to Redstone plant · evidence required to prove compliance · access cost

Part 3 — HRCW / SWMS Trigger Matrix

11 work activities · HRCW trigger (yes/scope/no) · SWMS title required · licences/competencies needed · who currently holds them at Redstone

Part 4 — Prequalification Evidence Map

5 portals/clients: CQMS Raize · VendorPanel · Felix (CPB/BMD) · Avetta · John Holland — evidence required · current status · action

Part 5 — Priority Compliance Build Order

10 items in recommended build sequence · effort estimate · whether AI can draft · tier (immediate / second / third)

PART 1 — LEGISLATION MAP

Activity triggered → instrument → specific obligation for Redstone Civil

Instrument	Activity Triggered	Specific Obligation for Redstone Civil	Consequence of Non-Compliance
WHS Act 2011 (QLD) Section 19 — Primary Duty	Any work that could affect the health and safety of workers, subcontractors, or bystanders. Applies to every Redstone job.	Eliminate risks so far as reasonably practicable. Where elimination is impossible, minimise using the hierarchy of controls. Provide information, training, and supervision. Duty extends beyond 6–15 direct employees to anyone adjacent to Redstone plant.	PCBU prosecution, improvement notices, prohibition notices, fines. Zero legal defence from informal safety without documentary evidence.
WHS Act 2011 (QLD) Section 27 — Officer Due Diligence	Mark Redstone as owner/director is personally liable regardless of business structure.	Mark must acquire and maintain WHS knowledge, understand earthmoving hazards, ensure resources are provided, and verify compliance. Common-sense approach fails — courts require documented evidence of resource allocation.	Personal fines and prosecution of Mark Redstone as an officer. Cannot claim ignorance of hazards recognised by the industry.
WHS Act 2011 (QLD) Section 46 — Consultation	Every project where Redstone Civil shares a site with principal contractors, other trades, or service authorities.	Consult, cooperate, and coordinate with all overlapping duty holders. On Haughton Pipeline: formal protocols with Tier 1 principal, environmental consultants, and other civil crews are mandatory.	Breach of consultation duty. Joint liability with principal contractor. Ejection from Tier 1 sites.
WHS Regulation 2011 Section 291 — HRCW Definition	Triggered daily by bulk earthworks, drainage, road maintenance, and plant movement. 18 specific HRCW types defined.	Identify which of the 18 HRCW categories apply to each site and activity before work starts. Ignorance is not a defence — Tier 1 safety managers use this list to reject site entries.	Ejection from Tier 1 sites. Prohibition notices. Immediate WHS inspector enforcement action.
WHS Regulation 2011 Section 299 — SWMS Mandate	Any activity classified as HRCW. Applies before work starts, not after.	A compliant SWMS must be prepared before any HRCW commences. Generic off-the-shelf templates are legally invalid — the SWMS must reflect specific workplace circumstances. For projects >\$250K (Jensen, Bohle Plains), SWMS must align with principal contractor's WHS Management Plan.	Criminal liability. Work must stop until a compliant SWMS is in place. Incident evidence of non-compliant SWMS triggers prosecution.
WHS Regulation 2011 Sections 304–306 — Excavation	Any excavation or trench work at Redstone Civil civil operations. Triggered every drainage and subdivision job.	S304: DBYD underground services before any excavation. S305: Risk management for excavations. S306: Trenches ≥1.5 m must be secured from unauthorised entry. Shoring collapse = notifiable incident, immediate WHSQ report required.	Notifiable incident prosecution. WorkCover investigation. Trench collapse is one of the most likely fatal events in civil work.
QBCC Act 1991 Drainage Licence	Installation, commissioning, or testing of below-ground wastewater or stormwater systems, regardless of contract value.	Hold a QBCC Drainage licence matched to the exact scope of works. Licence class and active status verified by every Tier 1 before engagement. QBCC licence must be included in every prequalification pack.	Unlicensed drainage work: civil and criminal liability. Tier 1 head contractor exposed to defect and safety liabilities. Rejection from all prequalification portals.
TCC Supplier Code of Conduct 2026	All contracts with Townsville City Council regardless of value. Applies to Mount Louisa Road and all future TCC work.	Comply with all WHS laws. Provide procedural manuals and training. TCC retains audit rights. Current informal safety status directly breaches this code from the moment work starts.	Minor breach: remediation plan, sharing of performance data across council departments. Serious breach: immediate contract termination and removal from all supplier panels including repeat TCC relationship.

PART 2 — AUSTRALIAN STANDARDS COMPENDIUM

8 standards mapped to Redstone Civil plant and operations · evidence required · access cost

Standards explicitly referenced in Codes of Practice have the weight of law. Tier 1 contractors require adherence as a condition of site entry. Prequalification portals may request subscription receipts as proof of legal access.

Standard	Redstone Plant / Activity	Evidence Required to Prove Compliance	Access / Cost
AS/NZS ISO 45001:2018 OH&S; Management Systems	All operations — required by CQMS Raize and every Tier 1 portal. Provides the PDCA framework Tier 1 audit checklists map directly to.	WHS Policy · Risk register · Internal audit evidence · Corrective action records · Management review · Objectives and targets	Standards Australia Intertek Inform \$230.25
AS 4772-2008 Earthmoving Machinery — Quick Hitches	Komatsu PC120-10 12T and CAT 320 GC 20T excavators. Both machines. Daily every time an attachment changes.	Daily pre-start checklist showing secondary retention system verified. Attachment change procedure documented in SWMS. Operator VOC records.	Standards Australia Techstreet \$158.00
ISO 13031:2016 Earthmoving Machinery — Quick Couplers	CAT 320 GC (newer machine likely engineered to ISO standard, not AS 4772). Verify hitch type against machine spec.	Manufacturer documentation confirming hitch type. SWMS referencing both AS 4772 and ISO 13031 where applicable. Pre-start evidence.	ISO / Standards Australia Cost varies
AS 1418.8-2008 (R2018) Cranes — Special Purpose Appliances	CAT 320 GC and Komatsu PC120-10 used for lifting pipes, pits, trench shields. Mark holds Dogging Licence — this standard applies every time an excavator lifts a load.	Excavator lifting SWMS. Load chart accessible to operator. Rated lifting points documented. Lifting gear register. Dogger competency record (Mark — Dogging Licence held).	Standards Australia Intertek Inform \$177.61
AS 1742.3:2019 Traffic Control — Works on Roads	CAT 12M3 grader and Dynapac roller on all TCC road maintenance including Mount Louisa Road. Required before every TCC road job.	Site-specific Traffic Guidance Scheme (TGS). Road maintenance SWMS. Traffic controller accreditation (Mark holds TC Licence + Traffic Controller Licence). Speed zone approval documentation.	Standards Australia Intertek Inform \$132.49
AS/NZS 2865:2009 Confined Spaces	Large-diameter drainage pipes, manholes, pits, and access chambers during Jensen-type drainage and stormwater works.	Confined space entry permit. Atmospheric testing records. Standby person designation. Rescue plan. Worker confined space competency training records. Note: confined space training not currently confirmed in Redstone profile.	Standards Australia (ext. providers) \$125.97
AS/NZS 3012:2019 Electrical — Construction Sites	All generators, portable electrical tools, temporary power boards, pumps, and lighting on every Redstone site. Tier 1 inspect at the site gate before entry.	Test and tag records for all electrical equipment. RCD compliance documentation. Temporary power board log.	Standards Australia Intertek Inform \$137.03
AS 4871.6-2013 Electrical Equipment — Diesel Plant	Trucks, graders if Redstone expands into quarrying operations or undertakes infrastructure work under mining regulations.	Plant documentation confirming compliance with electrical suppression and fire mitigation requirements. Only required if mining-regulated work is undertaken.	Standards Australia Cost varies

Estimated cost for the 6 priced standards: ISO 45001 (\$230) + AS 4772 (\$158) + AS 1418.8 (\$178) + AS 1742.3 (\$132) + AS/NZS 2865 (\$126) + AS/NZS 3012 (\$137) = **approx. \$961**.

PART 3 — HRCW / SWMS TRIGGER MATRIX

11 work activities · HRCW trigger · SWMS required · licences needed · who holds them at Redstone Civil

If an activity triggers HRCW, a SWMS must be prepared and in place before that work starts. Work must stop if not performed in accordance with the SWMS.

Work Activity	HRCW Trigger	SWMS Title Required	Licences / Competencies	Who Holds at Redstone
Bulk earthworks and subgrade preparation	✓ YES	Powered Mobile Plant and Bulk Earthworks SWMS	White Card · Machine-specific VOC · HR licence (trucks)	Mark (White Card, Excavator to 100T, Grader Ticket, HR). All operators: confirm VOC per machine.
Deep drainage channel construction (>1.5 m)	✓ YES	Deep Trenching and Drainage Installation SWMS	White Card · Excavator VOC · Drainage licence (QBCC) · Competent supervision	Mark (White Card, Excavator to 100T). QBCC Drainage licence — confirm status before drainage work.
Road maintenance on live traffic corridors	✓ YES	Road Maintenance and Live Traffic Corridor SWMS	TC Licence · Traffic Controller Licence · White Card · Working near traffic training	Mark (TC Licence + Traffic Controller Licence held). Crew: White Card. TGS from approved designer.
Excavator used to lift loads (pipes, pits)	✓ YES	Earthmoving Machinery Used as Crane SWMS	Dogging High Risk Work Licence · Excavator competency · Lifting gear inspection competency	Mark (Dogging Licence held). Lifting gear register required. Load chart must be accessible in-cab.
Plant operation near excavation edge (>2 m falls)	✓ YES	Falls and Excavation Edge SWMS	White Card · Working at heights competency (where fall protection equipment used)	Mark (White Card). All crew. Working at heights training not confirmed in profile — add to training matrix.
Work near underground and overhead services	✓ YES	Working Near Underground and Overhead Services SWMS	Competent service locator · Licensed electrician for electrical isolation	DBYD records mandatory. Mark supervises. Licensed electrician subcontracted where electrical isolation required.
Confined space entry (pits, pipes, chambers)	✓ YES	Confined Space Entry Permit + SWMS	Confined space entry training · Gas test atmospheres competency · Rescue competency	NOT CONFIRMED in Redstone profile. Confirm before any confined space entry. External trained resource may be required.
Work near water / drowning risk	✓ YES	Working Near Water and Drowning Risk SWMS	White Card · Site water hazard induction · PFD training	Mark + all site crew. PFD records required for Haughton Pipeline floodplain work.
Temporary shoring and excavation support	✓ YES	Temporary Works and Excavation Support SWMS	Competent person / engineer for shoring design · Trained crew for shoring installation	External engineer required for shoring design. Mark supervises installation. Engineer sign-off on record.
Field maintenance, refuelling, quick hitch change	✓ YES	Field Maintenance, Refuelling and Quick Hitch SWMS	White Card · Machine-specific pre-start competency · Spill kit training	All operators. Quick hitch secondary retention verification mandatory after every attachment change (AS 4772 / ISO 13031).
Unexpected asbestos or pressurised services	SCOPE	Unexpected Finds / Asbestos or Services SWMS	Asbestos awareness training (supervisors + crew) · Licensed removalist if regulated removal required	Redstone must have a stop-work / unexpected finds procedure. Licensed asbestos contractor and specialist services contractor engaged when triggered.

Legend: ✓ YES = HRCW triggered every time. SCOPE = HRCW triggered depending on site conditions — have the SWMS ready before mobilising to any site where this might arise.

PART 4 — PREQUALIFICATION EVIDENCE MAP

5 portals / clients · evidence required · current Redstone status · action needed

✓ HAVE	Document exists or licence confirmed	■ PARTIAL	Exists but incomplete, unverified, or below standard	✗ MISSING	Does not currently exist — must be created
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CQMS Raize — Used by: BMD Group · Fulton Hogan · McConnell Dowell · John Holland | Status: Registered (basic profile)

Evidence Required	Why It Matters	Status	Action
Formal WHS Policy signed by management	First automated gate — without a signed policy the portal profile cannot reach 'Compliant' status.	✗ MISSING	Build and sign WHS Policy (C2 complete). Upload now.
RAMS / SWMS library	Portal requires uploaded SWMS for the work categories Redstone registers under. Without these, RFQs are invisible.	✗ MISSING	Build 5 priority SWMS. Upload to CQMS before approaching any Tier 1 for package discussions.
Experience Modification Rate (EMR) or equivalent safety record	Demonstrates historical workers comp claims performance. Low EMR = low insurance risk for head contractor.	✗ MISSING	Contact WorkCover QLD to obtain EMR figure. If no formal claims history, document this explicitly.
Certificate of Currency — Public Liability (\$20M min.)	Required for municipal works. Tier 1s check the limit before any site mobilisation.	✗ MISSING	Confirm current PL limit. Upgrade to \$20M if below. Upload current certificate of currency.
Certificate of Currency — Workers Compensation	Required to prove all 6–15 direct employees are covered. Missing WC is instant automatic rejection.	✗ MISSING	Confirm WorkCover QLD policy covers all direct employees. Upload current certificate.
Internal audit procedure and corrective action framework	Tier 1 portals score profile completeness. Corrective action evidence proves system maturity.	✗ MISSING	Build incident register and corrective action log. Document audit procedure in WHS manual.

VendorPanel — Used by: Townsville City Council · Burdekin Shire Council | Status: Active (TCC works delivered)

Evidence Required	Why It Matters	Status	Action
WHS Policy and SWMS for relevant work categories	Council procurement officers check for WHS documentation before awarding even small maintenance contracts.	✗ MISSING	Same pack as CQMS Raize. Build once, use across portals.
Operator VOC matrix (White Card, licences, tickets)	Burdekin plant hire panel specifically requires VOC matrix before shortlisting. Mount Louisa-type contracts will also require confirmation.	✗ MISSING	Compile a formal register: worker name, White Card, HR, excavator ticket, grader ticket, TC licence, expiry dates.
Plant register, pre-starts and maintenance records	Council safety officers may demand to see plant service records before a machine starts on a council worksite.	✗ MISSING	Build plant register and daily pre-start checklist. Start recording pre-starts immediately — backdating is not possible.
Schedule of rates (plant hire panel)	Required specifically for Burdekin Shire Council plant hire panel submission. Wet hire, dry hire, mobilisation, standby, after-hours rates.	✗ MISSING	Prepare schedule of rates for wet and dry hire of all 8 machines. Include mob/demob and standby rates.

Felix / BMD Contractor Portal — Used by: CPB Contractors · BMD Group | Status: NOT REGISTERED

Evidence Required	Why It Matters	Status	Action
Felix vendor registration profile (CPB)	CPB states all new suppliers register through Felix. Profile is the prerequisite before any RFQ is issued.	✗ MISSING	Register on Felix now: felix.com. Complete all fields, upload ABN, insurances, licences, and WHS documents.

Evidence Required	Why It Matters	Status	Action
BMD contractor profile (BMD portal)	BMD manages compliance documentation through its own contractor management system before VOCs and site entry.	✗ MISSING	Register on BMD portal. Upload worker VOC matrix, plant register, WHS manual, and SWMS library.
Tier 1 Capability Statement	CPB and BMD will only invite suppliers that appear capable from their portal profile. Vague profiles don't generate RFQs.	✗ MISSING	Capability statement built in C3 case studies. Upload to Felix and BMD with named projects, values, and outcomes.
QA System Summary — ITP, compaction records	Tier 1s require evidence of how Redstone manages daily QA, NCRs, and site evidence. A description is not enough.	✗ MISSING	Build ITP template and compaction records from Mount Louisa Road (98% MDD achieved). Start daily diary immediately on next project.
Financial viability pack (P&L, balance sheet)	45–60-day payment cycle on infrastructure packages means Tier 1s verify subcontractor cashflow resilience.	✗ MISSING	Request signed accountant declaration covering last 2 years P&L, balance sheet, and solvency statement.

John Holland (CWSS1) / Avetta — Used by: John Holland (Cairns Water), various Tier 1s | Status: NOT REGISTERED

Evidence Required	Why It Matters	Status	Action
John Holland contractor portal onboarding profile	CWSS1 (\$325.5M head contract) uses a contractor portal to prequalify suppliers before civil subcontract packages are issued. Must pass before relationship-building starts.	✗ MISSING	Contact John Holland directly with Capability Statement and SWMS library attached. Request portal registration for CWSS1 civil and earthworks categories.
Avetta profile (secondary portal)	Some Tier 1 operators use Avetta instead of or alongside CQMS Raize. Registration is separate and profile needs to be maintained independently.	✗ MISSING	Register on Avetta once CQMS Raize profile is complete. Same documents apply. avax.com
WHS manual framework (Tier 1 standard)	John Holland and Tier 1 Cairns Water portal will assess WHS system against ISO 45001 principles — not just a single policy statement.	✗ MISSING	Build lean WHS manual (10 core documents from C2 + priority build Part 5 of this document). Upload to portal before EOI submission.
Modern Slavery Declaration and Chain of Responsibility	Required by John Holland and major Tier 1s as part of compliance onboarding for all new suppliers.	✗ MISSING	Prepare a one-page Modern Slavery statement and Chain of Responsibility policy. Templates available via ACCC and Safe Work Australia.

PART 5 — PRIORITY COMPLIANCE BUILD ORDER

10 items · recommended sequence · effort estimate · AI-draft rating · which portals it unlocks

■ TIER 1 — IMMEDIATE

■ TIER 2 — SECOND PHASE

■ TIER 3 — SYSTEM MATURITY

Unlocks: CQMS Raize basic compliance · VendorPanel portal · TCC contract retention · Felix/BMD registration · John Holland onboarding · Tier 1 RFQ access

#	Document / Action	What It Unlocks	Effort Estimate	AI-Draft Capability	Portals Unlocked
1	WHS Policy Statement (signed by Mark Redstone)	First gate for CQMS Raize, VendorPanel, and TCC. Without a signed policy the portal profile cannot reach compliant status.	0.5 days	High	CQMS Raize · VendorPanel · Felix · TCC
2	5 Priority SWMS (tailored to plant + site)	Allows HRCW to commence legally. Required for every Tier 1 RFQ, council tender, and portal upload. Generic templates rejected.	3–5 days	Med	All portals · All council tenders · On-site compliance
3	Plant Register + Daily Pre-Start Checklists	Plant hazard assessments and pre-start records are the first thing a council safety officer or Tier 1 auditor checks on site.	1–2 days	High	VendorPanel · Burdekin plant hire panel · Felix/BMD · On-site entry
4	Operator VOC Matrix (licences + expiry dates)	Required for Burdekin panel, CQMS Raize, Felix, and every council contract. No VOC matrix = operator rejected at site gate.	0.5 days	Med	CQMS Raize · VendorPanel · Felix/BMD · All Tier 1 sites
5	Certificates of Currency (PL \$20M + WorkCover)	Instant automatic rejection without current certificates. PL limit must be \$20M minimum for municipal works.	1 day (admin)	—	All portals — hard gate before any upload is accepted
6	Incident Register + Corrective Action Log	Required for ISO 45001 alignment and Tier 1 CQMS Raize score. Proves management commitment and continuous improvement loop.	1 day	High	CQMS Raize full compliance · Felix/BMD · Avetta · John Holland
7	Emergency Response Plan (site-specific template)	Mandated by Tier 1 site requirements. Must be available before mobilisation. Needs local hospital routes and rally points added manually.	1 day	High	All Tier 1 portals · TCC major contracts
8	Capability Statement (branded, named projects)	Converts portal profile from 'registered' to 'shortlisted.' Named project outcomes with values and results. Case studies from C3.	1 day	High	Felix/BMD · John Holland · All proactive outreach
9	QA System Summary (ITP template + compaction records)	Required by CPB, BMD, and John Holland for civil earthworks packages. Shows Redstone can meet Tier 1 documentation expectations on site.	2 days	Med	Felix/BMD · John Holland · Avetta
10	Full WHS Manual + Internal Audit Procedure	Converts the document folder into a functioning ISO 45001-aligned WHS Management System. Enables Haughton Pipeline application and premium-priced Tier 1 subcontract packages.	5–10 days	Med	CQMS Raize full score · John Holland CWSS1 · Haughton Pipeline panel

Single most important action this week: Build and sign the WHS Policy (Item 1) and upload to CQMS Raize. This one document moves the profile from 'Registered' to the first level of portal compliance and makes every subsequent document upload meaningful. Without it, all other uploads are ignored by the automated screening system.

Word count: 2,540 words — Generated using the CDD Application System from Redstone Civil project data | consultancydd.com/tools/application/ |
★ Fictional — Training Use Only