

Typical External Inspection Comments

AREA	COMMENTS
Entry Gate	1. Not secure, no lock. 2. Top wires loose or damaged. 3. Holes in netting. 4. Able to enter under the wire, or gate.
External Ladder	1. No lock, or not secure. 2. Unsafe to climb, structurally or design wise.
Walls	1. Coating damage through impacts or weathering. 2. Corrosion at base area. 3. Concrete defects, cracking. 4. Leaks.
Entry Hatch	1. Not locked or secure. 2. Raised edge required to seal against contamination. 3. Hatch not sealing effectively. 4. Unsafe to use.
Roof Hatches	As above.
Roof Platforms	1. Contamination entering tank. 2. Water ponding. 3. Unsupported areas of roof. 4. Unsafe to work on.
Ventilation	1. Unsecure or damaged. 2. Bird proofing defects.
Vandalism	1. Rock impacts to walls. 2. Graffiti. 3. Entry to tank. 4. General damage.
Roof	1. Storm damage. 2. Loose sheeting, missing screws. 3. Unsafe to work on. 4. Contamination able to enter tank. 5. Asbestos sheeting.
Handrails	1. Lack of rails on work areas. 2. Damaged. 3. Unsafe to use existing rails. 4. Bad designs or construction.
Davit	1. Required for confined space extraction. 2. Existing unit does not function as intended. 3. Is unsafe to operate (risk of falling off tank)
Bird Proofing	1. Entry through hatch covers, roof areas, ventilation. Internal evidence of feathers or bodies. 2. Can be possums, snakes dogs.
Level Indicator	1. Is it operating? 2. Scale difficult to read. 3. Cable broken. 4. Contamination can enter through cable holes.

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AREA	COMMENTS
Walls	1. Corrosion. 2. Coating damage. 3. Lower leakage. 4. Cracks.
Columns	1. Corrosion. 2. Coating damage. 3. Poor connection to rafters. 4. Damage to base. 5. Structurally unsecured at base or top fixing.
Floor	1. Corrosion. 2. Cracks. 3. Leaks. 4. Defective joints. 5. Coating damage. 6. Impact damage.
Ladder/platform	1. Unsafe to use (cage fitted) 2. Structurally unsound.3. Corroded. 4. Coating damage. 5. Not confined space compliant.
Inlet	1. Corroded. 2. Causing sediment disturbance. 3. Coating damage.4. Hen compliant?
Outlet	1. No riser fitted. 2. Corroded. 3. Coating damage. 4. No safety screen fitted. 5. Badly positioned to suck in sediments (common with scour)
Scour	1. Corroded. 2. Badly positioned for efficient use. 3. Common with outlet.
Overflow	1. Corroded.2. Leaking on flanges and joins. 3. Coating damage. 4. Structurally unsound.
Mixer	1. Corrosion or coating damage. Defects to motor or fittings. 3. Securing cables damaged or defective.
Supports	1. Unsecured. 2. Cracked. 3. Badly positioned. 4. Causing damage to walls and floor.
Electrical	1. Broken conduits. 2. Exposed wires. 3. Bad designs or installation. 4. Safety issues.
Roof Framing	1. Corrosion at connections. 2. Dry rot in timber, termites. 3. Not securely fixed to anchors or adjacent pieces. Centre roof spider corrosion.
Floor Seals	1. Leaks. 2. Material gone soft, or sticky. 3. Subsided. 4. Material raised up.5. Brittle material.
Leakage	1. Around pipe work penetrations. 2. Ring beam areas. 3. Defective floor wall seals. 4. Lack of sediment cover in isolated areas.