



## ABPY CONSTRUCTIONS

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Date: 26 June 2026

## Occupational Health & Safety (OHS) Compliance Statement

COMPANY: **ABPY Constructions**

PROJECT: **Chamber 12 & Miscellaneous Valve Chamber Civil Works**

REF SPEC: **Occupational Health and Safety Act (Act 85 of 1993) & Construction Regs**

ABPY Constructions is firmly committed to providing a safe, healthy, and hazard-free working environment for all employees, subcontractors, and visitors during the civil works of Chamber 12.

To ensure complete regulatory compliance on site, ABPY Constructions will implement the following protocols prior to site handover:



- 1. HEALTH & SAFETY FILE: A comprehensive site-specific OHS file will be submitted to the Client / Principal Agent for approval before any site establishment begins.
- 2. RISK ASSESSMENTS: Daily Task-Based Risk Assessments (HIRA) will be conducted, specifically targeting deep excavations, heavy material handling (14.66t steel), and high-elevation formwork staging.
- 3. PERSONAL PROTECTIVE EQUIPMENT (PPE): All site staff will be issued SABS-approved PPE, including steel-toe boots, high-visibility vests, hard hats, and specialized fall-arrest harnesses for roof-slab operations.
- 4. INCIDENT MANAGEMENT: A zero-tolerance policy for unsafe acts will be enforced by our SACPCMP-registered Safety Officer. Regular medical surveillance and incident reporting channels will be operational throughout the project lifecycle.

Signed on behalf of ABPY Constructions:

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Project Director / Representative

26 June 2026  
Date

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## Quality Control Plan (QCP) Checklist: 35 MPa Concrete Pour

**Project:** Chamber 12 Structural Elements

**Specification:** SABS 1200 G (Concrete)

This checklist ensures all structural pours meet strict engineering criteria before, during, and after casting.

### Phase 1: Pre-Pour Inspections (Sign-off Required)

- **Formwork Integrity:** Check that all smooth vertical and horizontal formwork panels are clean, oiled, structurally braced, and aligned to correct dimensions.
- **Reinforcement Check:** Verify high-tensile steel bar diameters, spacing, overlap lengths, and concrete cover block positioning against schedules.
- **Coring & Sleeves:** Ensure all pipe penetrations (e.g., outlet pipe from existing reservoir) and puddle flanges are securely cast-in.
- **Cleanliness:** Blow out all sawdust, tie wire off-cuts, and debris from the base of formwork using compressed air.

### Phase 2: Production & Placement Controls

- **Delivery Ticket Verification:** Confirm ready-mix truck delivery notes state **35 MPa / 19 mm** mix with correct batch time (slump loss occurs after 90 minutes).
- **Slump Testing:** Perform on-site slump tests for every truck to verify workability parameters before pouring.
- **Sampling (Cube Casting):** Cast standard 150mm concrete test cubes on site (minimum 3 cubes for 7-day test, 3 cubes for 28-day test) to fulfill the 53-cube testing requirement.
- **Compaction:** Ensure mechanical poker vibrators are applied vertically at regular intervals. Avoid touching the reinforcing steel directly with the poker.

### Phase 3: Post-Pour & Curing

- **Finishing:** Apply specified wood floated finishing to the Chamber 12 base, floor screed, and roof slab.
  - **Curing Regime:** Apply a liquid curing compound or maintain continuous wet hessian/plastic sheet covering for at least 7 days.
  - **Formwork Stripping:** Ensure vertical formwork remains intact for at least 24–48 hours, and roof soffit shoring remains for 14–21 days depending on early strength test results.
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**Prepared for:** ABPY Constructions

**Project:** Chamber 12 & Miscellaneous Valve Chamber Civil Works

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**Thank you for your business**