

METHOD STATEMENT

METHOD STATEMENT FOR TERMITE PROOFING / ANTI-TERMITE CONTROL TREATMENT

Civil & Construction — Chemical Soil / Structural Treatment

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1.0 INTRODUCTION

This Method Statement has been prepared to define the safe system of work for the execution of termite proofing and anti-termite control treatment activities. It reflects the organization's commitment to protecting the health and safety of personnel, safeguarding the environment, and delivering the works in accordance with recognized international standards and good industry practice. This document is a generic, editable template and shall be adapted by the implementing organization to reflect its specific operations, resources, and site conditions.

2.0 PURPOSE & OBJECTIVES

The purpose of this Method Statement is to describe, in a logical and auditable sequence, how termite proofing works will be planned, resourced, and executed so that chemical, physical, and environmental risks are reduced to As Low As Reasonably Practicable (ALARP). The objectives of this Method Statement are to:

- Achieve zero incidents of chemical exposure, fire, or environmental contamination during the works.
- Ensure the termiticide application achieves a continuous, effective chemical barrier in accordance with the approved treatment specification and manufacturer's application rate.
- Ensure full compliance with applicable international standards, local pesticide-handling legislation, and client HSE requirements.
- Protect groundwater, soil, and adjacent water sources from chemical contamination.
- Maintain complete, auditable records of chemical application, dosage, and personnel competency.

3.0 SCOPE OF WORKS

This Method Statement covers pre-construction (soil poisoning) and/or post-construction (drilling and injection) chemical treatment for the prevention and control of subterranean termite infestation at the designated structure/site. The scope includes mobilization, site preparation, chemical mixing and application, drilling and injection where required, curing/re-entry control, and demobilization including waste disposal.

Exclusions: this Method Statement does not cover structural timber replacement, physical termite barrier installation (e.g. stainless-steel mesh, granite chip barriers), fumigation, or any activity requiring a separate specialist Method Statement and Risk Assessment.

4.0 REFERENCES, DEFINITIONS & ABBREVIATIONS

Term	Definition
ISO 45001	International Standard for Occupational Health & Safety Management Systems
ISO 14001	International Standard for Environmental Management Systems
ISO 9001	International Standard for Quality Management Systems
IS 6313 (Part 2)	Code of Practice for Anti-Termite Measures in Buildings — Pre-Constructional Chemical Treatment
AS 3660.1	Termite Management — New Building Work (referenced regionally)
MSDS / SDS	Material Safety Data Sheet / Safety Data Sheet for the termiticide chemical in use

Term	Definition
PCO	Pest Control Operator — licensed individual/company authorized to apply termiticide chemicals
Termiticide	Chemical formulation applied to soil or structural elements to prevent or eradicate termite infestation
Pre-Construction Treatment	Chemical soil treatment applied before/during construction to form a continuous chemical barrier
Post-Construction Treatment	Chemical treatment applied around/beneath an existing structure via drilling and injection
RA / JSA	Risk Assessment / Job Safety Analysis

“This Method Statement shall be read in conjunction with the associated Risk Assessment/JSA and shall be adapted to reflect applicable local/national HSE and pesticide-control legislation, as regulatory requirements vary by country and jurisdiction.”

5.0 ROLES & RESPONSIBILITIES

Role	Responsibility
Project/Site Manager	Overall accountability for authorizing the works and ensuring permits, resources, and this Method Statement are in place before commencement.
HSE Officer/Manager	Verifies the safe system of work, monitors chemical-handling compliance, and confirms Risk Assessment and MSDS are available on-site.
Licensed PCO Supervisor	Directly supervises the treatment; ensures correct chemical selection, dilution/dosage, and maintains application records.
Applicators/Technicians	Trained personnel executing drilling, injection, mixing, and spray application in accordance with this Method Statement.
Workforce/Site Personnel	Comply with exclusion zones, signage, and re-entry restrictions during and after treatment.
Subcontractors	Where the PCO is subcontracted, comply fully with this Method Statement, client HSE requirements, and site rules.
Client/Facility Representative	Provides site access and existing utility drawings, and authorizes post-treatment re-occupation.

6.0 LEGAL, PERMITS & CERTIFICATION REQUIREMENTS

- A valid Pesticide/Termiticide Handling License or PCO certification, issued by the relevant local competent authority, held by the supervising applicator.
- Local Environmental/Municipality permit for the application of chemical pesticides, where required by jurisdiction.
- Valid, in-date Material Safety Data Sheet (MSDS/SDS) for each chemical in use, held on-site and available to all personnel.
- Permit to Work covering any drilling activity in proximity to underground services or occupied areas.
- Chemical import, transport, and storage permits/licenses, where applicable to the jurisdiction.

“Organizations must confirm current local licensing and permit requirements for pesticide application with the relevant national or municipal environmental authority prior to commencing works, as these vary significantly by country.”

7.0 PLANT, EQUIPMENT, TOOLS & MATERIALS

Item	Specification / Capacity	Inspection / Certification Status
Termiticide chemical concentrate	Approved non-repellent/repellent formulation, per label application rate	Valid MSDS; in-date; sealed original containers
Power drill / masonry drill	Variable speed, 10–12mm masonry bit	Pre-use visual & electrical inspection
Injection rod/lance & pump	Manual or motorized, calibrated flow rate	Current calibration record
Mixing tank & measuring cylinders	Sized to daily application volume	Calibrated, leak-free, pre-use check
Spray unit / knapsack sprayer	15–20L capacity, calibrated nozzle	Pre-use inspection
Trenching hand tools	Spade, trenching tools for soil treatment	Pre-use inspection
Barricading & warning signage	“Chemical Treatment in Progress” signage	Available and legible
Spill kit	Absorbent granules, containment tray, disposal bags	Stocked and in date

8.0 PERSONAL PROTECTIVE EQUIPMENT (PPE)

PPE Item	Applicable Standard	Task-Specific Requirement
Chemical-resistant coveralls	EN 14605	Full body coverage during mixing and application
Chemical-resistant gloves	EN 374	Worn during handling, mixing, and application
Respirator (half-face, organic vapor cartridge)	EN 140 / NIOSH-approved	Mandatory during mixing and enclosed-area application
Safety goggles / face shield	EN 166	During mixing and spray application
Chemical-resistant safety footwear	EN ISO 20345	Worn throughout the task
Hard hat	EN 397 / ANSI Z89.1	During drilling operations

9.0 SEQUENCE OF WORKS

9.1 Mobilization & Pre-Task Preparation

9.1.1 Conduct site induction and pre-task toolbox talk covering chemical hazards, MSDS content, and emergency procedures.

9.1.2 Verify Permit to Work (and any applicable local pesticide-application permit) has been issued and is displayed at the work location.

9.1.3 Confirm underground utility drawings have been reviewed and services located and marked prior to any drilling.

9.1.4 Inspect drilling, injection, and spraying equipment; calibrate dosage/flow rate to the manufacturer's and regulatory application rate.

9.1.5 Establish barricades, warning signage, and exclusion zones around the treatment area.

9.2 Pre-Construction Soil Treatment (where applicable)

9.2.1 Apply termiticide as a continuous horizontal barrier to the bottom surface of excavations, backfill, and plinth areas at the approved dosage rate.

9.2.2 Treat the junction of the wall and floor, and around the base of columns, in accordance with the approved treatment specification.

9.2.3 Allow the specified undisturbed curing period before backfilling; do not backfill over freshly treated soil until this period has elapsed.

9.2.4 Apply vertical barrier treatment along the external perimeter of the foundation to the required depth.

9.3 Post-Construction Treatment (Drilling & Injection)

9.3.1 Mark drilling points at the specified interval along the external and internal perimeter of the structure.

9.3.2 Drill holes to the required depth and angle, avoiding buried services and structural reinforcement.

9.3.3 Inject termiticide solution into drilled holes at the calibrated dosage; seal holes with matching cement/mortar upon completion.

9.3.4 Apply chemical treatment around plumbing/utility penetrations and expansion joints where termite entry is likely.

9.4 Demobilization & Reinstatement

9.4.1 Remove barricades and signage once the curing/re-entry period has elapsed and the area is confirmed safe.

9.4.2 Decontaminate equipment and store unused chemicals in designated, ventilated chemical storage.

9.4.3 Dispose of empty containers and contaminated materials in accordance with Section 12.0 Environmental Controls & Waste Management.

9.4.4 Complete and submit the Termiticide Application Record and Warranty Certificate (where applicable) to the client/HSE Officer.

10.0 SITE PREPARATION, ACCESS & WORK AREA CONTROL

- Barricade and post exclusion signage around the treatment area for the duration of application plus the specified curing period.
- Display "Chemical Treatment in Progress — No Entry" signage at all access points to the work area.
- Restrict vehicular and pedestrian access over freshly treated soil until the treatment has cured.

- Maintain housekeeping: contain any spillage immediately and keep the treated area clear of unrelated trades.

11.0 RISK ASSESSMENT SUMMARY

The following is a summarized hazard/control table drawn from the linked Risk Assessment/JSA. It does not replace the full Risk Assessment, which shall be read in full prior to commencing the works.

Hazard	Initial Risk	Control Measure	Residual Risk
Chemical exposure (skin/eye contact)	High	Task-specific PPE (Section 8.0), correct mixing procedure, spill kit on standby	Low
Inhalation of vapors/fumes	High	Respiratory protection, work in ventilated areas, avoid application in high wind	Low
Drilling into live services/utilities	Critical	Utility survey and marking prior to drilling, Permit to Work, cable/pipe locator	Medium
Fire/flammability of solvent-based termiticide	Medium	No hot work/naked flame within exclusion zone; use non-flammable formulations where possible	Low
Environmental contamination (soil/groundwater)	High	Approved, biodegradable termiticides; controlled application rate; no application near water sources	Low
Slips/trips at excavation & trench areas	Medium	Housekeeping, barricading of open trenches, adequate lighting	Low
Manual handling of chemical drums/equipment	Medium	Team lifting, mechanical aids where practicable, training	Low

Residual Risk color key: Low #2E7D32 Medium #FFC72C High #F26B21 Critical #C8102E

12.0 ENVIRONMENTAL CONTROLS & WASTE MANAGEMENT

- Use only termiticides approved by the relevant environmental/regulatory authority for the specific application method.
- Prevent runoff into stormwater drains, water bodies, or wells; maintain the minimum buffer distance specified by the chemical label and local regulation.
- Maintain a spill kit on-site at all times; contain and report any spillage immediately to the HSE Officer.
- Triple-rinse empty containers and dispose of them via a licensed hazardous-waste contractor.
- Never dispose of excess mixed chemical into drains, watercourses, or general waste; return unused concentrate to the designated chemical store.

13.0 EMERGENCY PREPAREDNESS & RESPONSE

- Chemical spill: isolate the area, don appropriate PPE, contain with the spill kit, and notify the HSE Officer immediately.
- Skin/eye contact: irrigate the affected area with clean water for a minimum of 15 minutes and seek medical attention; refer responders to the MSDS.
- Suspected inhalation/poisoning: remove the affected person to fresh air and seek immediate medical attention; provide the MSDS to the responding medical team.
- Emergency contact numbers and the nearest medical facility shall be posted at the work location.

- A first-aid kit and eyewash station shall be available at or near the work area for the duration of the task.

14.0 TRAINING & COMPETENCY REQUIREMENTS

- Licensed Pest Control Operator (PCO) certification for the supervising technician.
- Chemical handling / hazardous substances handling training for all applicators, covering the specific termiticide(s) in use.
- Site-specific induction and pre-task toolbox talk for all personnel prior to commencing work.
- MSDS awareness training for all personnel involved in mixing, application, or storage of the chemical.
- At least one first-aid trained person available on-site for the duration of the works.

15.0 ASSOCIATED DOCUMENTS, FORMS & RECORDS

Document No.	Title	Type
HSE-RA-CON-011	Risk Assessment — Termite Proofing / Anti-Termite Treatment	Risk Assessment
PTW-CHEM-XXX	Permit to Work — Chemical Application	Permit
HSE-FRM-MSDS-01	Material Safety Data Sheet Register	Form
HSE-CHK-014	Pre-Use Equipment Inspection Checklist	Checklist
HSE-FRM-TBT-01	Toolbox Talk Attendance Record	Form
HSE-FRM-TAR-01	Termiticide Application Record	Form

16.0 APPENDICES

- Appendix A — Site Layout / Treatment Zone Plan (attach site-specific drawing)
- Appendix B — Manufacturer's MSDS/SDS Sheet(s) for the approved termiticide(s)
- Appendix C — Termiticide Application Record & Warranty Certificate template

DISCLAIMER

“This document is provided by HSE Documents (hsedocuments.com) as a general-purpose editable Method Statement template aligned with ISO 45001, ISO 14001, and internationally recognized HSE practice. It does not constitute legal advice. Organizations must customize this Method Statement — including the site-specific sequence of works, chemical selection, and permit references — to reflect their specific operations, site conditions, and applicable local/national regulatory requirements before use.”