

**METHAMPHETAMINE TESTING – STANDARD OPERATION PROCEDURE (INTERIM – JUNE 2018)**

TEST TYPE	REASON TO TEST	HNZ INTERNAL TRIGGER FOR TEST	CONTRACTOR TESTING METHODOLOGY	REPORT	TAT (WORKING DAYS) from access
1.0 SCREENING ASSESSMENT (SUSPICION & NON-SUSPICION TESTING)	1.1 Suspicion Test (New Suspicion)	Following a suspicion/ evidence raised of either heavy use or meth lab  (Note includes properties tested for other reasons, such as lease expiry or divestment if <b>suspected</b> to be heavily contaminated or meth lab)	<p><b>Lab composite testing methodology.</b></p> <p>Minimum 1 discrete wipe sample to be taken in every high-use-area (room) from locations that are most likely to have elevated levels for meth contamination in accordance with NZS 8510:2017, section 3.2.3</p> <p>External buildings shall be composited in a separate bundle from the main dwellings.</p> <p>Where the “theoretical maximum concentration” exceeds the level of 15 µg/100cm<sup>2</sup>, the swabs shall be unbundled without further instructions from HNZ and returned to HNZ as individual swabs in the report.</p> <p><b>Only properties where any individual “discrete” swabs exceed 15µg/ 100cm<sup>2</sup> or where evidence indicates meth manufacturing shall be referred to further detailed assessment and decontamination.</b></p> <p><b>Lease properties: Based on case by case basis decontamination may be triggered levels lower than 15 µg/cm<sup>2</sup>. HNZ will advise separately</b></p>	Screening assessment report in accordance with NZS 8510:2017, section 3.2.6	Auckland 2-3 Days  Ex-Auckland 3-5 Days As required
	1.2 Suspicion Test - <b>Retrospective</b> (New Suspicion)	Following a suspicion /evidence where current tenant is not suspected to have caused the contamination if any found			
	1.3 Baseline Test (Includes new leases)	Prior to new tenancy  (Following refurbishment work/ new built and before starting new tenancy)			
	1.4 Lease Expiry	Property where lease is about to expire or has expired and property is being returned to lessor			
	1.5 Divestments	Divestment property (potentially to be sold)			
	1.6 Acquisitions/ Emergency Housing (EHR)	Property selected for purchase or new lease, including emergency housing response programme (EHR)			
	1.7 Validation Test-HAP	Tenanted property to validate baseline testing as per the Household Action Plan (HAP), refer to T-240 to validate baseline testing and that no change (increase) in levels occurred during tenancy; only where baseline test completed.			
2.0 DETAILED ASSESSMENT	1.8 Validation of Positive Results	Following a delay in decontamination of a tenanted property due to access, AND  where initial screening assessment returned levels greater than 15µg/ 100cm <sup>2</sup>	Discrete wipe samples methodology – a minimum of one (1) sample to be taken from every high-use area (room) in the property in accordance with NZS 8510:2017, section 3.3  The sampling shall be complementary to the initial screening assessment if within 3 months. As such, samples taken during screening assessment shall be decomposited and used in the detailed assessment. Given high return samples were taken during screening assessment. It should be clearly noted (ie separate table) indicating samples taken at different times  If detailed sampling 3 months or longer following the initial screening assessment, then both high and return materials/areas, including those tested before shall be sampled.	Detailed Assessment report in accordance with NZS 8510:2017 Section 3.3.6  Reference table and commentary to the previous suspicion test shall be included in the detailed report.  <b>Only levels above 15µg/ 100cm<sup>2</sup> or where meth manufacturing suspected shall be referred to further detailed assessment and decontamination.</b>	5 Days
3.0 POST-DECONTAMINATION ASSESSMENT	3.1 Post Decontamination Assessment	Following Decontamination/Repeat Decontamination and as per HNZ meth process outlined in CA-716	<b>Lab composite testing methodology.</b>  Minimum one (1) discrete wipe sample to be taken in every previously contaminated area (room) in line with NZS 8510:2017.	The post-decontamination report must be in accordance to NZS 8510: 2017 Section 5.5.  <b>Post decontamination level 1.5µg/ 100cm<sup>2</sup></b>	3 – 5 Days
4.0 TENANT BELONGINGS	4.1 Tenants Belongings (Retrospective Test Only)	As per CA-716 – the house is suspected (or confirmed) to be contaminated with meth and the current tenant is not considered responsible and the belongings are still in the property. Tenant consent to test belongings must be obtained prior to testing.	Discrete wipe samples methodology – a minimum of one (1) sample to be taken from items with hard surface in every high-use area (rooms) in the property using NIOSH 9111 methodology Ideally, sampling shall include surfaces of high recovery surfaces (i.e. varnished table).  Professional judgement shall be applied when selecting the surface type.	Detailed Assessment report, including photos of tested items and overall room view to show the location of the item in relation to the room.	3 Days

## INTERIM TESTING SOP

Interim SOP based on the *Methamphetamine contamination in residential properties: Exposures, risk levels, and interpretation of standards* by Chief Science Advisor, Professor Sir Peter Gluckman).

**Only properties where any individual “discrete” swabs exceed 15µg/ 100cm<sup>2</sup> or where evidence indicates meth manufacturing shall be referred to further assessment and/or decontamination.**

Assume “meth use” unless property is proven to be “meth lab” through “evidence that a property has been used as a clandestine laboratory (for example, uncovered by Police, or evidence of manufacturing exists, such as drug manufacturing equipment and chemicals)”. HNZ will provide any evidence that may indicate a meth lab at the time of test request if any known/on file.

Corporate Care (or similar protection) will be provided for any properties where safety of the tester is at risk.

### Additional Notes

1. Sampling, contamination assessment, visual observations and report must be compliant with NZS 8510:2017. Statement confirms this compliance shall be included in the tester report. Note threshold to trigger decontamination is above **15µg/ 100cm<sup>2</sup>**
2. Tester sampling plan shall be reviewed and pre-approved by HNZ in advance of post decontamination testing; any deviation from the agreed sampling plan shall be highlighted in the relevant report accordingly
3. Laboratories shall be accredited by a New Zealand accreditation body for all analytical methods used; disclosure of accreditations in accordance with NZS 8510:2017 shall be included in the laboratory report.
4. Testing company shall be accredited for sample collection methods by a NZ accreditation body (e.g. IANZ/Jas-ANZ); disclosure of accreditations relating to the NZS 8510:2017 shall be included in relevant reports accordingly once completed
5. Additional samples shall be collected during detailed assessment testing if there is a wide range of material types per area (room) and areas greater than 10m<sup>2</sup> (as per NZS 8510:2017)
6. In the testing reports there should be no reference to HNZ staff or the tenant (including photos that may identify the tenant).
7. Reports shall follow HNZ reporting guide and in accordance with the NZS8510:2017 and referencing latest science advice as per *Methamphetamine contamination in residential properties: Exposures, risk levels, and interpretation of standards* by Chief Science Advisor, Professor Sir Peter Gluckman).
8. All test reports shall be distributed as follows:
  - a. All testing reports should be sent to [ChemicalRequest@hnzc.co.nz](mailto:ChemicalRequest@hnzc.co.nz)
  - b. Reports for Acquisitions, EHR and Divestments (1.5 & 1.6) should be sent to [Chemical.Testing-Div@hnzc.co.nz](mailto:Chemical.Testing-Div@hnzc.co.nz)
9. Invoices should be sent simultaneously with testing report and should be sent to [ChemicalInvoices@hnzc.co.nz](mailto:ChemicalInvoices@hnzc.co.nz)
  - a. All invoices must to include the HNZ job reference number, address and the Work Order and Purchase Order (if available)
10. A detailed assessment will need to be completed prior to decontamination if levels during screening assessment return above 15µg/100cm<sup>2</sup>. HNZ will instruct accordingly.

Released under the Official Information Act 1982