

UNIT CODE	NAT11429007
UNIT TITLE	Conduct post remediation verification mould testing
APPLICATION	<p>This unit describes the performance outcomes, skills and knowledge required to conduct post remediation verification (PRV) to evaluate the effectiveness of mould remediation.</p> <p>It requires knowledge of industry standards and best practice methodologies relevant to post remediation verification in water damaged buildings. It requires the skills to plan, conduct and document PRV activities, as well as interpret results to confirm remediation effectiveness and ensure a healthy indoor environment.</p> <p>This unit applies to indoor environmental professionals (IEPs) such as mould testing technicians, building biologists, hygienists, builders, loss adjusters and restorers who evaluate mould remediation outcomes in residential, commercial, and special-risk settings.</p> <p>No licensing, legislative or certification requirements apply to this unit at the time of publication.</p>
COMPETENCY FIELD	050999 Environmental Studies, nec
PREREQUISITE	NAT11429003 Conduct a comprehensive mould and moisture assessment
ELEMENTS	PERFORMANCE CRITERIA
Elements describe the essential outcomes of the unit	Performance criteria describe the performance needed to demonstrate achievement of the element.
1. Plan and prepare for post remediation verification	<p>1.1 Confirm stakeholder expectations and recovery levels</p> <p>1.2 Review scenario documentation of remediation actions, including initial and completed works, containment protocols and control measures</p> <p>1.3 Establish PRV criteria and benchmarks for successful remediation</p> <p>1.4 Develop a sampling hypothesis detailing sampling type, locations, and intended outcome measures</p>
2. Conduct inspection and evaluation	<p>2.1 Conduct a visual inspection for visible mould, macro-contamination and debris in a simulated scenario</p> <p>2.2 Assess and record odour location, intensity, and context using scenario-provided data</p> <p>2.3 Document moisture content in building materials and compare to dry standards</p> <p>2.4 Record site containment and control measures per scenario protocols</p>

3. Implement post remediation sampling	3.1 Select sampling methods according to scenario specifics 3.2 Document sample collection procedures to ensure compliance with standards and laboratory protocols 3.3 Record the laboratory details for sample analysis		
4. Analyse results and assess suitability	4.1 Interpret laboratory results from scenario data against the standards and guidelines 4.2 Assess the site, identifying non-conformances and recommend further remediation through scenario analysis 4.3 Record limitations		
5. Report PRV outcomes	5.1 Prepare a PRV report based on scenario data, findings, data analysis, methodology and recommendations that references standards and guidelines in support of conclusions 5.2 Describe the outcomes to stakeholders, specifying remedial actions required for unsatisfactory results		
FOUNDATION SKILLS			
Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.			
UNIT MAPPING INFORMATION	Code and Title Current Version	Code and Title Previous Version	Comments
	NAT11429007 Conduct post remediation verification mould testing	NAT10913009 Conduct a scope of works to remediate a water-damaged building	<u>Not equivalent</u> unit Minor amendments to terminology Change title to 'Conduct post remediation verification mould testing'. Changes to elements and performance criteria.
TITLE	Assessment Requirements for NAT11429007 Conduct post remediation verification mould testing		
PERFORMANCE EVIDENCE	<p>The learner must show evidence of the ability to complete tasks outlined in the elements and performance criteria of this unit, manage tasks and contingencies typical to the role of a Building Biologist and Indoor Environmental Practitioner. Evidence must be demonstrated in at least one distinct PRV scenario or simulated job site in the presence of a trainer, and reflect actual workplace conditions, use of required protocols, standards, and digital reporting tools. There must be demonstrated evidence that the learner has completed the following tasks:</p> <ul style="list-style-type: none"> Plan, inspect, and report of remediation verification processes Apply critical thinking to complex and ambiguous situations, including non-conformances and influencing factors 		

	<ul style="list-style-type: none"> • Evaluate site using visual and olfactory methods • Evaluate moisture impact on materials and contents • Interpret laboratory data accurately • Documented findings and recommendations in a report • Reference industry guidelines, standards, and scientific literature (IICRC S520-2024; ASBB Exposure Guidelines)
KNOWLEDGE EVIDENCE	<p>The learner must be able to demonstrate essential knowledge required to effectively do the tasks outlined in the elements and performance criteria of this unit, and manage the tasks and contingencies expected of an Indoor Environmental Practitioner. This includes knowledge of:</p> <ul style="list-style-type: none"> • PRV criteria, objectives, significance, and application to varying site scenarios (Recover Level 0–4) • Principles, strengths, and limitations of sampling and laboratory analysis (e.g., culture, microscopy, PCR, indicator organisms) • Application of industry standards and guidelines (e.g., Institute of Inspection Cleaning and Restoration Certification S520-2024; Australian Standard AS-IICRC S520:2025; Australasian Society of Building Biologists Mould Exposure Guidelines (2025)) • Interpretation of environmental and laboratory data, including relevant thresholds, rank order, and reporting protocols • Duty of care, legal, and regulatory obligations relevant to post-remediation verification in Australia • Requirements for defensible and professional reporting, documentation practices, and record keeping in PRV • Stakeholders (client, insurer, restorer/remediator)
ASSESSMENT CONDITIONS	<p>Assessment must be conducted using a scenario-based simulated PRV event that authentically reflects workplace conditions encountered by indoor environmental professionals. The assessment must provide access to:</p> <ul style="list-style-type: none"> • Case documentation including details of the insurable event, building conditions, moisture readings, containment measures, remediation history, HVAC operation, and laboratory results. • Post Remediation Verification Report template • Industry standards and guidelines relevant to PRV activities (IICRC S520-2024, AS-IICRC S520:2025, and the Australasian Society of Building Biologists Mould Exposure Guidelines) <p>Assessor Requirements</p> <p>Assessors must satisfy the requirements outlined in the Standards for Registered Training Organisations (RTOs) 2025 or successor standards and demonstrate current industry skills and knowledge as a Building Biologist or IICRC certified mould remediator, with a minimum of three years' relevant industry experience.</p>