



AUSTRALIAN COLLEGE OF  
ENVIRONMENTAL  
— STUDIES —

# Mould Cleanup

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# Optimal Drying Conditions

1. **Heat** (27<sup>0</sup>C ideal) – lifts moisture off surfaces
2. **Dehumidify** –removes moisture from air
3. **Fans** - speed up evaporation
4. **Air filter** – removes fungal particulate

# Mould Remediation

## **Two things**

1. Assess the **CONDITION**
2. Determine porosity

# Mould Remediation

## CONDITION (1 to 3)

|                    |                                                                                                      |
|--------------------|------------------------------------------------------------------------------------------------------|
| <b>Condition 1</b> | Normal fungal ecology                                                                                |
| <b>Condition 2</b> | Settled spores. Most likely dispersed from a Condition 3 area, and may have traces of actual growth. |
| <b>Condition 3</b> | Actual growth that is active or dormant, visible or hidden.                                          |

# Mouldy contents

| Porosity      | Material                                                              | Cleaning method                                                                                                               |                                                                                                                                                                                   |
|---------------|-----------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|               |                                                                       | Condition 2: no evidence of visible fungal growth                                                                             | Condition 3: actual visible mould growth                                                                                                                                          |
| <b>Porous</b> | Clothing, textiles & fabrics,                                         | Launder                                                                                                                       | Not restorable and should be discarded.<br><br>Specialty remediation techniques maybe considered for irreplaceable or valuable items but is frequently costly and not guaranteed. |
|               | Upholstery, carpet, rugs, underlay, mattresses, wicker furnishings... | HEPA vacuuming and professionally cleaned by an acceptable extraction method (eg IICRC S300 for upholstery; air washing etc). |                                                                                                                                                                                   |
|               | Paper goods (books, photographs, documents...)                        | HEPA sandwich with dry brushing (not damp wiping) or air washing in a controlled environment                                  |                                                                                                                                                                                   |
|               | Fine art (paintings, sculptures..)                                    | Should be conducted by a qualified experienced specialist.                                                                    |                                                                                                                                                                                   |

# Mould contents

| Porosity           | Material                                                                                  | Cleaning method                                                                                                                          |                                                                                                                                          |
|--------------------|-------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
|                    |                                                                                           | Condition 2:<br>no evidence of<br>visible fungal<br>growth                                                                               | Condition 3:<br>actual visible<br>mould growth                                                                                           |
| <b>Semi-porous</b> | Unsealed wood, brick, plaster, concrete, plywood, oriented strand board (OSB), masonry... | HEPA vacuuming, air washing, or abrasive methods (sanding, scaping, brushing, or abrasive media blasting such as dry ice, talc or sand). | Most items will not be restorable.<br><br>A mould remediator should determine if HEPA vacuuming and abrasive blast cleaning is possible. |

# Mouldy contents

| Porosity          | Material                                                                           | Cleaning method                                                                                                      |                                                                                                                                                                         |
|-------------------|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                   |                                                                                    | Condition 2: no evidence of visible fungal growth                                                                    | Condition 3: actual visible mould growth                                                                                                                                |
| <b>Non-porous</b> | Glass, metal, laminate, plastic, porcelain, ceramic, sealed timber, electronics... | Use one or a combination of the following:<br>Detergent washing and rinsing<br>HEPA vacuuming<br>Ultrasonic cleaning | Use one or a combination of the following:<br>Detergent washing and rinsing<br>HEPA vacuuming<br>Ultrasonic cleaning<br><br>Discard metal items if corrosion is evident |

# Title Here

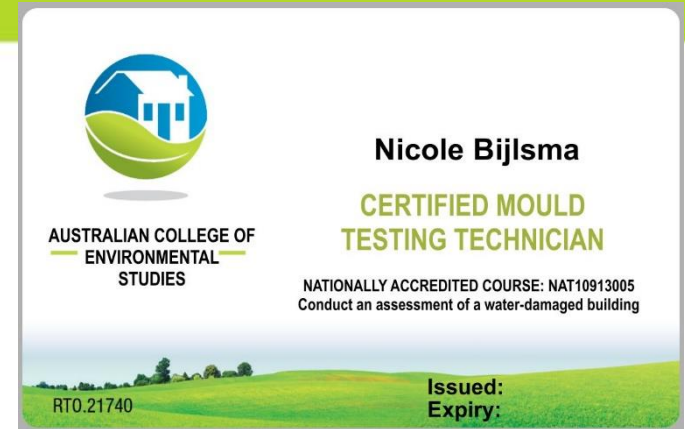
**Contents that contain visible mould (Condition 3) need to be discarded; end of story, no point in testing.**



# When to test my home?

1. History of water ingress
2. Health issues
  - Asthma and/or Allergies
  - Recurrent colds and flu
  - Persistent upper and/or lower respiratory tract infections
  - Persistent fatigue
3. Built structure compromised

# Mould Testing – ACES certified



- **BUILDING BIOLOGIST**
- **MOULD TESTING TECHNICIAN**

Australasian Society of Building Biologists

[www.asbb.org.au](http://www.asbb.org.au)

# When to get a Mould Remediator?

- High fungal particulate in air/surface that may impact health
- Moisture laden materials that support microbial growth
- Exacerbation or development of health symptoms arising from dampness

# Mould Remediation – IICRC certified

- WATER DAMAGE RESTORER
- APPLIED MICROBIAL REMEDIATOR



[www.iicrc.org/iicrcgloballocator](http://www.iicrc.org/iicrcgloballocator)

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