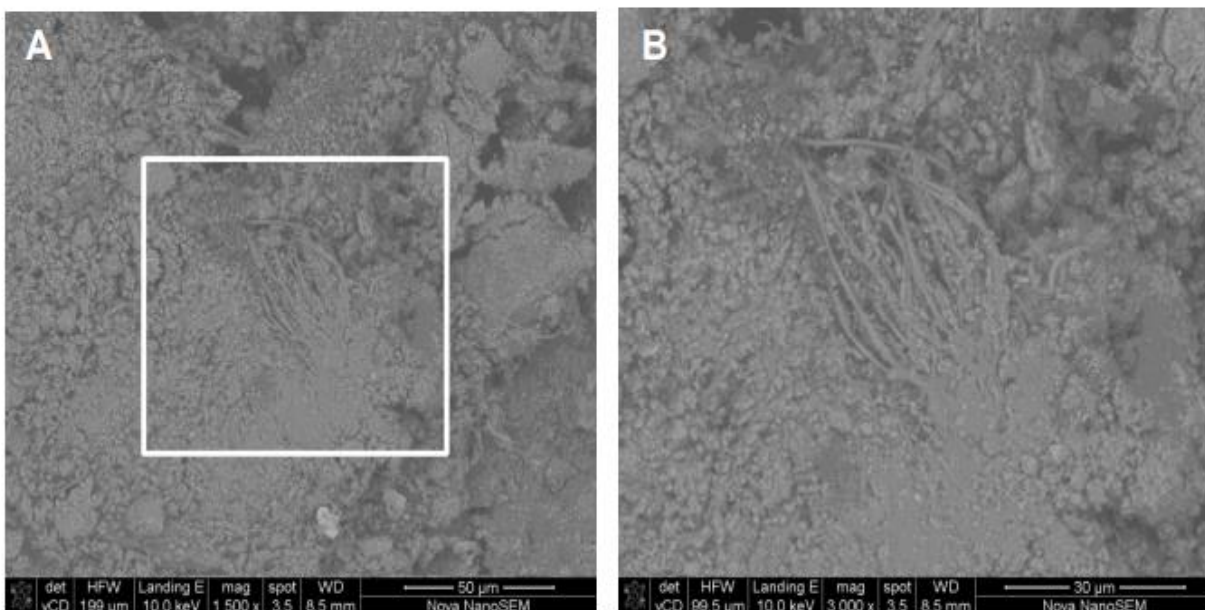


Date: 01/07/2019

## Asbestos Removal & Disposal Process

1. Client contacts us for an Asbestos Removal Quote
2. We first Quote the client for Sample Collection, Asbestos Identification Analysis & Report.
3. We inform the client of the Asbestos Identification Process, In this case two samples are taken from the identified Asbestos Area and the samples are sent to the laboratory to test for Asbestos.
4. Our Scientists tests the samples for Asbestos – **See image screenshot taken from sample report**

### Image analysis of Sample 1 – Roof sheet



**Figure 1:** Backscattered Electron (BSE) micrographs (A-B) of Sample 1 at various magnifications. Micrograph B is a higher magnification of the white rectangular area indicated in Micrograph A. The micrographs indicate fibrous strands indicating asbestos fibers. EDS analysis confirmed the fibers to be Crysotile asbestos.

5. From above, the samples either have no traces of Asbestos or it may contain Asbestos.
6. If the Sample has no traces of Asbestos then we treat the waste as non-hazardous waste. In this case, the hazard is drastically minimised as the samples provided is free from Asbestos. Herewith, the non-hazardous waste roof removal cost is slightly diminished
7. Going forth, if the sample contains Asbestos, then one has to follow and abide to the following Asbestos Regulations:

**Occupational Health and Safety Act of 1993 as Amended in Accordance with the Asbestos Regulations of 2002** (Last Review Date as of July 2015).

In terms of the Asbestos Regulation GNR 155 of 2002, any person who intends to carry out Asbestos Work must be a Registered Asbestos Contractor before commencing with Asbestos work.

In terms of the Asbestos Regulations “Registered Asbestos Contractor” means a mandatory or an employer conducting demolition of Asbestos Work, who is registered with the Chief Inspector of the Department of Labour.

8. In this case, we offer the client with an Asbestos Removal and Disposal Quote which is dependent on roof size, location, height of the building and safety costs.
9. The final cost to the client as a line item on the quote is for an Asbestos Work Plan that has to be sent to the Department of Labour at least 14 days before the start date of the Asbestos Demolition Work to take place. **An Asbestos Inspection Authority (AIA)** is mandated to forward the Asbestos Work Plan to the Department of Labour, to complete Asbestos Air Monitoring and to Issue a compliance certificate at the end of the project.
10. Once the client agrees to the quote and pays a deposit, the **AIA** drafts the Asbestos Work plan which is signed by the client, the Registered Asbestos Contractor (RAC) and the Approved Inspection Authority (AIA).
11. We then choose a specific start date for the Asbestos Demolition and the Department of Labour is Notified 14 days before.
12. On the day of the official start of the Asbestos Demolition, the AIA inspects the premises and conducts various checks to ensure that the Asbestos Demolition complies with the Asbestos Regulations.
13. The project is started and all Asbestos Containing Products are removed and stored in a suitable manner for Disposal at a recommended Hazardous Waste Disposal Landfill.
14. The Asbestos Hazardous Waste is then carted off to the Hazardous Waste Disposal Landfill.

15. On completion and after all Asbestos containing products has been removed from the demolition site, the Asbestos Inspection Authority completes their final checks, documents the quantity of Safe Disposal of Asbestos and issues a clearance certificate.
16. This process ends and the client is assured that the correct process was followed for the Asbestos Removal and Disposal as per the Asbestos Regulations.

Completed by:

**A. Hendricks**

Asbestos Contracts Manager & Roofing Consultant.

**HRS Roofing Solutions (Pty) Ltd**

**Our Partners**



Registered Asbestos Contractor<sup>TM</sup>  
HRS Roofing Solutions (Pty) Ltd

ROOFING & CLADDING<sup>TM</sup>  
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