



Asbestos Case Study

Asbestos

Treviglas Academy - Newquay



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Treviglas Academy, Newquay

The Shield Asbestos Services Truro branch was contracted by Kier Group to undertake asbestos removal and soft strip work at Treviglas Academy in Newquay, Cornwall. The project involved the phased refurbishment of the entire Academy premises whilst the school remained operational.

Treviglas Academy, located in Newquay, Cornwall, is a secondary school dedicated to students aged 11 to 18. Committed to fostering a safe and ambitious environment, the academy prioritises both academic excellence and holistic student development.



Treviglas Academy in Newquay is a project led by Kier Group

The project commenced in March 2023, with a team of up to eight asbestos removal professionals on site between the hours of 7:30 am to 4:30 pm. The Shield team also worked alongside Duchy Demolition on behalf of Elliot Hut Demolition. The entire project will be carried out over five separate phases, in line with our client's reconstruction programme. Phases one & two are now complete.

In addition to the client's site induction before commencement of works, Shield operatives were given a site induction and toolbox talk on the site RAMS by the site supervisor to ensure all were fully aware of the full scope of works and associated potential site hazards and risks.

Each phase of work focuses on a two-story block being handed over to our Shield from the client. Barriers and signage were placed at strategic positions around each phase of work, giving us total control and responsibility for our areas of work.

Site Welfare, in line with CDM 2015, was provided by our client for the duration of our contracted works.

Shield's on-site DCUs and waste skips were strategically located at each phase of work to ensure full compliance with industry guidance and best practices.

All licenced works were carried out and removed under fully controlled conditions, within pre-erected asbestos enclosures after satisfactory smoke testing. There were eight separate enclosures within each phase of work. Suppression of the material was undertaken in line with Shield SOPs before being removed, bagged/wrapped and removed from the enclosures into onsite skips in line with Shield SOPs ASP053, ASP054 & ASP055.

- 6 x 35m³ asbestos skips of waste were removed from phases 1 & 2
- 9 x 35m³ General waste skips were removed from phases 1 & 2.
- Circa 650m² of AIB was removed in total from phases 1 & 2



External view of window mullions prior to erection of asbestos enclosure

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Example of airlock to live asbestos enclosure

Shield remedial works included the removal of both asbestos-licensed and non-licensed asbestos materials throughout the various phased works. These included but were not limited to AIB ceilings, mullions, packers, contaminated ceiling voids, pipe insulation, textured coatings to walls, ceilings and bitumen floor tiles and screed etc.



Left: Enclosure preparation to external mullions



Right: Example of neagive pressure units to live enclosure

Upon completion of all removal and enclosure decontamination work, the enclosures were inspected by our onsite supervisor, who carried out a pre-analyst inspection in line with our company policy AR125 Analyst Enclosure Handover Process Form. Before being offered up to the client's nominated analytical contractor to commence the 4-stage clearance procedure.

To facilitate these works, eight employed Shield operatives from our local branch undertook the tasks, with circa 2,560 man hours with no lost time or reported injuries recorded.