



# AWABA COLLIERY DECONSTRUCTION.

**Location**  
Awaba, NSW

**Client**  
Centennial Coal

**Duration**  
8 weeks



**CLICK TO WATCH**  
or visit [vimeo.com/libertyindustrial](https://vimeo.com/libertyindustrial)



## Project overview

Liberty Industrial was engaged to dismantle and demolish redundant coal handling infrastructure at Centennial Coal's Awaba Colliery in Awaba, NSW.

The project involved the dismantling of an 180 metre conveyor, a steel structure over a 800 tonne coal handling bin, steel structure to the 500 tonne coal handling bin and winder house utilising 80-200t all terrain cranes and 25t franna cranes. Removal of the coal handling infrastructure involved complex engineering lift sequences, mainly consisting of dual crane lifts.

The project also required the demolition of the above ground concrete to the 800 tonne coal handling bin, coal handling plant, overland belt drift, main fan, and the structure above the No.1 Fan Shaft. All demolition works were undertaken using a 38t excavator fitted with a combination of hydraulic shear, hammer, grapple and bucket attachments.

The 2,500m<sup>2</sup> area surrounding the coal handling plant was recontoured to match the surrounding area, hydra mulch was applied to 4,500m<sup>2</sup> of disturbed land to prevent erosion.

The 430 tonnes of steel waste that was generated was recycled and all non-recyclable materials were disposed of at an offsite licensed disposal facility.

All brick and concrete was downsized using a hammer attachment and the material was used to backfill and seal four redundant mine shafts on the site.