Demolition and dismantling

Having to consider closing manufacturing assets, due to their competitive position, is a reality of the current economy. During this process a range of outcomes, from business turnaround to shutting a whole site and selling off the land, must be considered. Other options include mothballing (for restart, sale or later demolition) and a range of scales of demolition (part or all of a site and to ground level or below).

Once site demolition has been selected as a way forward, the most effective and suitable solution must be sought.

What we offer
ABB can support clients in all areas of demolition works; from site environmental assessments and isolations and removal / disposal of equipment, through to full site demolition and remediation.

We can also deal with technical / legal questions and concerns from potential site purchasers and resolve legislative issues to obtain the necessary regulatory approvals.

Our complete service for the overall stewardship of projects, includes:

- Provision of overall project management, including project control, planning and procurement management
- Environmental consultancy and technical field support
- Acting as CDM principal designers

ABB have developed a five stage demolition methodology based on our experience of managing over £250m worth of demolition and remediation projects in the process industries.

We can offer a safe, cost effective approach to meeting objectives through:

- Project management of all stages of the process
- Detailed planning and risk assessments to manage cost, risk and timescales effectively
- Tailoring the site work scope to match the requirements of the final use of the land
- Continuous review and monitoring of all activities to ensure safe delivery of the project
Environmental
Our team ensures all environmental aspects of demolition are considered. Environmental impact studies are undertaken as required to ensure the best environmental and practical demolition techniques are utilised.

Legislation
Our project managers and engineers are fully conversant with, and have significant experience in, all relevant aspects of current legislation. On many demolition projects our engineers perform the duties of agent, planning supervisor and principal contractor. ABB offers a consultancy service to clients to assist clients in understanding their duties under the CDM regulations.

Cost management
We tailor our contract packages to meet individual client requirements, including contract strategy, contract pricing (re-imbursable, incentivised or fixed price), enquiry preparation, cost reporting on a monthly basis, tender selection and assessment of contractors, ensuring that the most beneficial contract is selected.

Benefits
- Delivery of cost effective and safe site divestment with reduced ongoing liability
- Minimisation of corporate environmental liabilities, reduced risk of corporate and individual prosecution / poor public image
- Management of site safety, environmental standards and interaction with local communities
- All sites are part of a structured programme throughout the project with up-to-date information available for each site
- Doing only the necessary work for the final land use

Why ABB?
Our construction and demolition capability is built on a vast base of experience, reliability and respect for the environment. We have substantial experience in the management of demolition and dismantling projects - which have included work on power stations, petrochemical installations, cooling towers, and major asbestos removal project in potentially hazardous environments.

Safety and quality control are paramount to us at all times. This has resulted in accident frequency rates on sites managed by ABB being up to twenty times below the national average.

A site managed by ABB was recently inspected by Judith Hackett, former chair of the HSE. Judith commented on the excellent approach being undertaken by ABB. She repeated this at a recent project safety workshop; a full transcript of Judith’s presentation can be found at: http://www.hse.gov.uk/aboutus/speeches/transcripts/hackitt061008.htm

ABB’s approach has resulted in a number of safety awards including nine consecutive RoSPA Gold Certificates.