



[www.cordtape.co.uk](http://www.cordtape.co.uk)



**CORDTAPE**  
ENVIRONMENTAL SERVICES LTD

# Welcome to Cordtape

## Mission Statement

At Cordtape we **pride** ourselves on being an **environmentally friendly** company that provides our customers with professional services directed to a more eco **friendly environment**.

We **understand** environmental issues, which we **endeavour** to **continually** share all knowledge with our partners and employees.

Cordtape aims to **consistently** offer a wide range of products and services that are **beneficial** to all our clients environmental and energy **saving** requirements.

We **strive** to develop **innovative** and **flexible solutions** to bring about a positive change by providing **leading, inspiring** and **sustainable** solutions that meet the planning, engineering, management and environmental needs of our customers.

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2. For more information please visit [www.cordtape.co.uk](http://www.cordtape.co.uk)

Based in Sheffield, Cordtape Environmental Services Ltd is a family run business that has been providing specialist asbestos and thermal insulation services for over 25 years.

We at Cordtape Environmental Services Ltd have over the years, continually developed a strong reputation of dealing with all aspects of asbestos services including; surveys, inspections, removal and waste management as well as commercial insulation.

The company currently holds and has maintained for over two decades a full three year HSE (*Health and Safety Executive*) license for works with asbestos, along with various other industry accreditations.

Supported by a dedicated and highly trained team of personnel, we pride ourselves on maintaining an excellent level of customer service and client management. As a company we have helped organisations across the UK to safely manage and deal with any asbestos issues, directly at their premises or on sites under the clients control by providing a time managed approach with minimal disruption.

Our clients' needs are our number one priority. We can demonstrate through long term client and supplier relationships a reputation of providing a friendly and professional service.

Client partnerships have grown over the years as a result of our continual development and an increase in the trust and quality of service that we provide.

We have developed an extensive portfolio of clients including many local authorities, the NHS (*National Health Service*), the MOD (*Ministry of Defence*), various chemical plants & facilities, breweries, major construction & refurbishment companies along with other blue chip clients.

The company's entire site personnel are CSCS (*construction services certification scheme*) certified, demonstrating our commitment to health and safety. All managers, employees and site personnel undergo regular training and take refresher courses to keep up to date with the latest training and regulations.

Email [info@cordtape.co.uk](mailto:info@cordtape.co.uk)

North West Consortium of  
**NHS Trusts**



**arca**

**SA  
ASV**  
ARCA Site Audit  
Accreditation Scheme

2010  
**arca  
GOLD  
TRAINING  
AWARD**

# Asbestos Surveys and Sampling Assessments



Asbestos is the common name for any variety of silicate materials that are fibrous in structure and are more resistant to acid and fire than other materials. It has two groups; Serpentine, Amphibole and is made of impure magnesium silicate. Asbestos has been used for thermal insulation, fire proofing, electrical insulation, numerous building materials & many other products throughout the last 100 years in various industries.

Asbestos within the UK, is now predominantly found in many products historically used within the construction industry; including ceiling tiles, pipe insulation, boilers and sprayed coatings. As asbestos is often mixed with other materials it can be difficult to know if elements that you may be working on or around contains asbestos.

Any buildings constructed prior to the year 2000 could contain some type of asbestos containing material; due to this all non-domestic premises must by law have an asbestos register and an asbestos management plan put in place. Under Regulation 4, The Control of Asbestos at Work 2006 (CAR), the duty holder for the premises is responsible for ensuring this is carried out.

If you are unsure whether your premises potentially has any asbestos containing materials and you do not have an asbestos register, then the simplest & most efficient way to comply with Regulation 4 is to have your premises assessed & surveyed by a fully qualified asbestos consultant / surveyor.

*The three main types of asbestos utilised within the UK were Chrysotile (white), Amosite (brown) and Crocidolite (blue). All forms of asbestos and asbestos containing materials (ACM's) were finally banned from importation to the UK in 1999.*



*"I have dealt with Cordtape over a number of years and have always found them to be efficient and highly responsive. They would always be my first port of call for asbestos related issues"*

*Allan Hair, John Hill Associates*

4. For more information please visit [www.cordtape.co.uk](http://www.cordtape.co.uk)

# Asbestos Surveys and Sampling Assessments

At Cordtape Environmental Services Ltd we can provide you with professional advice and an asbestos survey carried out in accordance with HSG 264 standard and any samples collected for the identification of asbestos during the assessment or survey and analysed by a UKAS (United Kingdom Accreditation Service) accredited laboratory .

In order to identify & locate any potential asbestos within your premises we first need to either carry out an inspection assessment or a full survey of the areas concerned, including the sampling of any suspected ACM's.

As we understand not everyone knows a lot about

asbestos, Cordtape on completion of the sampling assessment or survey provide you with a report, which clearly identifies any potential areas of concern as well as advising you if any further action is necessary based on the risk assessment of each individual ACM, which is carried out by our surveyors. You will find our reports are in a very simple & user friendly format, containing site plans (surveys only) & photographic identification, so as to assist you with the complying of Regulation 4, CAR 2006.

We can also assist clients with any review or updating of existing asbestos registers or asbestos management plans, again, which must be carried out by the duty holder in accordance with the law.



Rope Gaskets to Windows  
- Chrysotile



Asbestos Pipework



Window Sill - Chrysotile

By sourcing a company that specialises in providing asbestos surveys you are not only on your way to meeting the requirements of Regulation 4, CAR 2006, but you are also providing you, your staff and any contractors that may carry out works within your premises with a safe working environment.

All surveyors are required to hold a minimum certification of a P402 proficiency certificate in 'Building Surveys and Bulk Sampling for Asbestos'. In addition to this our Senior Personnel hold P405 'Management of asbestos in buildings', and P406 'Management of Asbestos Contractors & Removal'.

By dealing with a company such as Cordtape Environmental Services Ltd where professionalism and quality are key to our business, you can relax in the knowledge that your concerns over potential asbestos issues will be dealt with efficiently.

To arrange a visit call us **FREE** on **0800 093 7810** 5.

Email [surveys@cordtape.co.uk](mailto:surveys@cordtape.co.uk)

# Asbestos Removal

With approximately over 1.5 million buildings in the UK with asbestos containing materials (ACMs), asbestos is currently the single most common cause of work related deaths.

*"Working in a social housing environment, where asbestos is an emotive subject, I find Cordtape to be professional, reliable, and efficient, giving a good value for money service."*

*"They are very accommodating with tenants' circumstances and environment, complimenting our work ethos."*

*Bernice Bowler, Berneslai Homes*



Asbestos is extremely hazardous to handle as it produces airborne fibres which are carcinogenic and can lead to asbestosis, various cancers and mesothelioma. Due to the high risks associated with Asbestos it is very important that any ACM's (Asbestos Containing Materials) are removed and disposed of in the correct manner.

The safest way to remove any asbestos is through the use of a HSE (Health & Safety Executive) licensed contractor. Under no circumstances should asbestos be removed by someone who is not suitably qualified or trained in the removal of asbestos.

Cordtape are a HSE licensed contractor, so should you choose us to take care of your asbestos related problems you can relax in the knowledge that it is being dealt with professionally and in a safe and controlled manner. Our three stage fully self contained decontamination units, used by our operatives fully comply with all legislation.

We can take care of all aspects of asbestos issues right from the initial surveys, through to the removal and disposing of asbestos waste.

Removal of asbestos can be done in a number of ways; certain controls however must be put into place regardless of the type of asbestos removal technique. One thing that remains the priority in all circumstances, is to minimise so far as reasonably practicable the release of any asbestos fibres or asbestos dust.

In accordance with all current HSE regulations and

legislations with regards to the removal of asbestos, Cordtape are able to offer a comprehensive service which is provided by our team of highly trained staff that carries with them many years of experience.

The process used for removing asbestos depends on the type of asbestos present in your building. Once a member of our qualified management team has examined the type of asbestos to be removed, we will structure with you a specific, strategic plan towards safely removing or encapsulating and protecting the ACMs.



All of our asbestos removal projects, small or large, are carried out by our own directly employed staff, who along with all other employees including the Management team, regularly undertake annual (as required under legislation) externally accredited training. This is to ensure that all persons involved with the removal of asbestos are completely aware of how to maintain a safe and controlled working environment.

As a company Cordtape are committed to ensuring that the highest level of health and safety is maintained, which is why we constantly ensure that we are aware of all the latest laws and regulations. Over the years we have gathered many accreditations as a company;

We are Full Contracting Member of ARCA (Asbestos Removal Contractors Association), part of the ARCA SAAC (Site Audit Accreditation Scheme), Construction line, Building register, CHAS and Safe Contractor approved, a member of the British Safety Council and part of the North West Consortium of NHS trust. We also work in conjunction with UKAS accredited analytical companies in order to provide visual inspections, background & clearance air monitoring and bulk sample analysis work.

Our broad range of clients includes the NHS trusts, local authorities, banks, Universities, the public sector, and private companies.

Email [asbestos@cordtape.co.uk](mailto:asbestos@cordtape.co.uk)

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# Asbestos Waste Management

Due to the health risks associated with asbestos, the disposal of any commercial asbestos is now very heavily monitored. It is illegal for anyone other than a waste carrier who has been approved and licensed by the Environmental Agency to transport asbestos.

Once the asbestos has been removed as to comply with current regulation and legislation, it has to be properly contained in UN (United Nations) approved packaging before being correctly transported to a licensed disposal facility. During the transportation all asbestos waste must be accompanied by the relevant documentation so as to fully record its journey from point A to B.

Cordtape Environmental Services Ltd, waste Management team can offer advice on how to safely remove asbestos waste from your site: As Cordtape holds an asbestos carriers license we can also transport and dispose of any waste on your behalf.

Our head office in Sheffield also holds an asbestos waste management site license, thus enabling us to safely remove and dispose of asbestos waste from site during small to medium contracts or emergency work to our own waste transfer unit when normal waste disposal facilities are not available.



*As well as day to day asbestos related projects, Cordtape Environmental Services Ltd are our preferred 'Emergency Contractor' for all emergency asbestos works. Over the years we have found them to be continuously professional and efficient in all areas of the services they provide. A highly skilled and competent contractor who will always endeavour to help with any queries or advice you may need."*

*Terry Johnson, Barnsley Council*

8. For more information please visit [www.cordtape.co.uk](http://www.cordtape.co.uk)

Email [asbestos@cordtape.co.uk](mailto:asbestos@cordtape.co.uk)

At Cordtape Environmental Services Ltd we have been addressing our customer's insulation needs on an individual basis for many years. As a company we believe that the personal approach allows us to work alongside our customers in creating the most beneficial solutions to their requirements.

As a company we are only one of a very select few that do actually design and manufacture our products

in house from start to finish. A fully trained and skilled team of thermal insulation engineers and in house metal fabricators are at hand throughout the whole project in order to ensure that the completed product is what you as our client requires. Our engineer's flexible approach means that they are able to work alongside you, accepting mechanical drawings either in paper or a PDF format by email or CD.



The bulk of the Thermal Insulation division is split into two sectors; The Building Sector and the Chemical Industry Sector, both of which are completely different areas of work, emphasising our diversity as a company. However we don't restrict ourselves to only these areas; we have undertaken a range of direct and indirect work allowing us to build up a vast portfolio of clients from all industry sectors.

To ensure its clients thermal insulation requirements are met Cordtape Environmental Services Ltd have an efficient application and complete all requirements to clients tailored specifications.

A service from start to finish of your project includes:

- Site measurement
- Project management
- Installation
- Tender quotations
- Advice and budget estimates

We have worked very closely with the MOD on a variety of projects, worked directly for a number of local metropolitan councils, hospitals and schools as well as large commercial retailers across the country highlighting the flexibility of our workforce.

To arrange a visit call us **FREE** on **0800 093 7810** 9.



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**CORDTAPE**  
ENERGY MANAGEMENT SYSTEMS LTD

# Welcome to Cordtape



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2. For more information please visit [www.cordtape.co.uk](http://www.cordtape.co.uk)

At Cordtape Energy Management Systems Ltd we are committed to helping not only our customers but also the environment, in a bid to slow down the ever increasing effects of climate change. By working in partnership with our clients we aim to assist them in reducing their carbon footprint whilst also helping them achieve savings on their energy bills and making their business as energy efficient as possible.

As a company we are proud to specialise in bespoke energy saving jackets and covers tailored to each client's individual needs. Our skilled team of employees can manage the whole process, from the design to the engineering and fabrication of the product as well as a full installation service. All of our products are exclusively designed and manufactured in the UK but as a company we supply our products across the world, including countries in the Middle East, Asia and Europe.

In most buildings traditionally the pipe work is often already insulated, but what you don't always realise however is that heat can still be lost from un-insulated elements connected to your pipe work; resulting in a loss of valuable energy, highlighted even more at a time when energy costs continue to rise.

To help combat your energy saving issues, at Cordtape we are able to manufacture bespoke products to fit any type of temperature sensitive equipment, including pipe work, valves, flanges, boilers, generators/exhausts, turbines, heat exchangers and equipment

requiring frost protection.

Our thermal insulation products are a short term investment for a long term solution, designed to prolong the life of your heat sensitive equipment which will subsequently save you money on repairs and maintenance.

**By reducing your CO2 emissions as a company you are able to:**

- Save money on your energy bills,
- Improve your company's reputation by becoming more environmentally friendly,
- Keep your company up to date with Government regulations/legislation,
- Reduce your carbon footprint, so you can have a positive impact on the environment for current and future generations.

Cordtape Energy Management Systems Limited have been able to build up a vast portfolio of satisfied clients, spreading across a number of different industries including Chemical Plants, Power Stations, Power Generation, MOD (Ministry of Defence), Insulation Contractors, Food Industry, Water Treatment Works, NHS Trusts & Hospitals, Local Authorities, Schools, Universities and Colleges.

*"We believe that in working together, many small changes can make a big impact"*

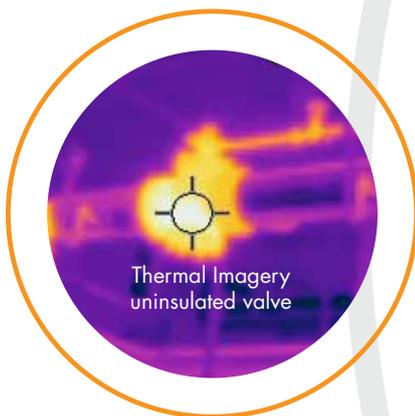
# Energy Surveys

Saving money on necessities such as energy bills is an attractive offer to many businesses, industries and individuals alike; particularly when you sit down and calculate exactly what percentage of your operating costs that these bills actually represent. Excess energy consumption not only proves expensive to you, but it also has a huge impact on the environment, something that is continually highlighted within the media.

Cordtape Energy Management Systems Ltd works alongside a variety of businesses and companies in a bid to help them reduce not only their energy consumption

and energy budgets, but also work in partnership to help the environment in which we and our families enjoy.

The first step required in order to establish the correct solution to any energy problems is to conduct an energy survey to identify where any inefficiency and any potential savings can be highlighted. Our trained energy surveyors can offer you advice to help improve your energy consumption and provide a suitable sustainable solution tailored for your business.



Once the energy survey has been concluded we can provide you with a full report on our findings which includes;

- An energy calculation to demonstrate areas in which heat is lost due to poor or none insulated pipe work, valves and other associated fittings.
- Thermal imagery displaying operating temperatures.
- Inclusion of a pay back period (generated on our university designed calculator) for the solutions we recommend so that you are able to make an informed decision as to just how much our products can help your business over time.

Our reports are easy to understand but can be explained by our surveyors if required. They will indicate the necessary actions which are required for you to become an energy efficient business and explain how utilising thermal energy saving products can enhance your business both financially & commercially.

Cordtape Energy Management Systems Ltd caters for a variety of industry sectors including: Chemical plants, Hospitals, Power stations, Insulation contractors, Food industry, Water treatments works, Local authorities and the MOD.

## Sheffield Hallam Case Study

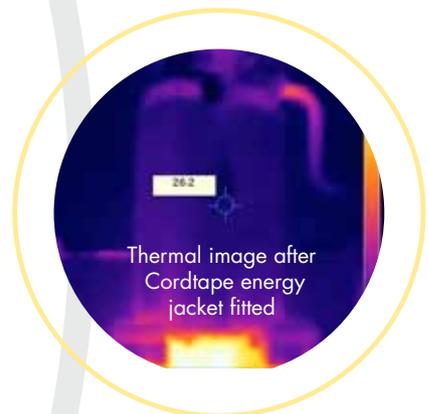
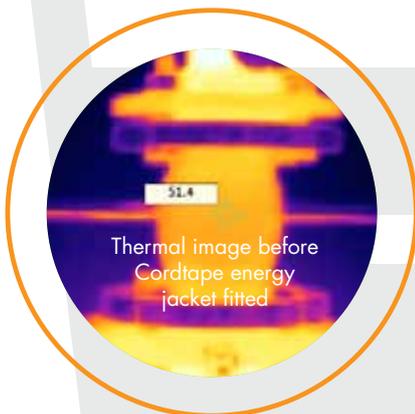
### Executive Summary

Sheffield Hallam University (SHU) needed a cost effective and practical solution to reduce energy output across its main plant rooms. In particular it wanted easily removable thermal insulation jackets to fit around awkwardly shaped and protruding equipment.

Within a week Cordtape Energy Management Systems Ltd had provided the University with a long-term solution by fitting bespoke, hand-made energy saving jackets which can be easily removed and re-fitted for maintenance purposes.

*"...I have been delighted with the whole outcome and Cordtape's professionalism throughout the entire service, and I would have no hesitation in recommending their services."*

*Alex Pettifer, the then director of estates,  
Sheffield Hallam University*



### Challenge

The University's Mechanical Engineer, Martyn Callaghan, needed to find a cost-effective and practical solution to reducing energy output over two campuses.

He specifically wanted energy jackets that could be easily removed for maintenance purposes and could be tailored to fit around awkward and protruding pieces of equipment.

### Solution

Having been selected for the job Cordtape designed and manufacturing energy jackets for one plant room containing 67 different pieces of equipment including valves, flanges and a heat exchange.

Cordtape began the process by conducting an energy survey to record how much heat the plant room was currently losing. The design team then took measurements of the pipe equipment and hand made the jackets at the company's Nottingham based premises. The following day a team of Cordtape's engineers revisited the site to install the jackets as well as showing SHU engineers how to safely remove and replace the jackets for maintenance purposes.

# Energy Saving Jackets & Covers

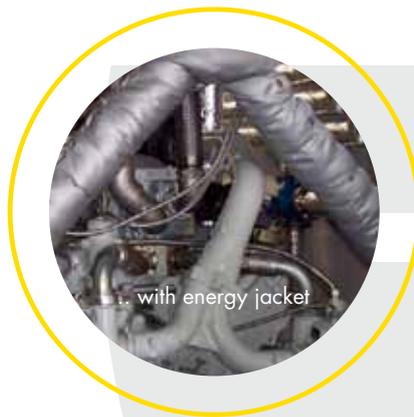


At Cordtape Energy Management Systems Ltd we specialise in bespoke, tailor made energy saving jackets and covers designed and manufactured to your specific needs by our skilled workforce based in our Nottingham premises.

Our Thermal Insulation products are designed to help combat your energy saving problems. Cordtape are able to manufacture products to fit any type of temperature sensitive equipment, valves, flanges, boilers, generators/exhausts, turbines, heat exchangers as well as equipment requiring frost protection.

As a company we are proud that manufacturers of power generation equipment consider us to be a market leader in bespoke 'Gen Set' jackets and covers. Our unique design and manufacture service of thermal insulation jackets and covers are used for heat protection purposes on exhausts and various other parts of the generator sets.

We not only supply to the UK but our 'Gen Sets' jackets and covers are being shipped internationally, with a number being used on generators in the recent 2010 world cup.



We are committed to helping our clients use their energy efficiently not only saving them money, but also reducing the company's carbon footprint and helping to slow down the rate of climate change.

Working with companies both domestically and internationally we offer our clients insulation solutions for valves, flanges and other temperature sensitive equipment through our thermal insulation energy saving jackets and energy saving covers.

"I have been purchasing thermal insulation jackets from Cordtape Energy Management Systems Ltd for 8 years and have always been very happy with the quality and service that I have received."

John McHugh, Green Contract Services

6. For more information please visit [www.cordtape.co.uk](http://www.cordtape.co.uk)

## Energy Saving Jackets & Covers

There are a number of benefits to using our products such as:

- They can protect your building's pipe work from heat loss
- They are highly resistant to thermal transmissions creating a safer working environment
- The energy jackets and mats can be manufactured to withstand temperatures of up to 1200°C
- They protect external valves and flanges against frost increasing its durability
- They are also easily removed and re fitted for any mechanical maintenance



As we specialise in producing bespoke products to each individual clients needs, at Cordtape we can also cater for specialist needs such as:

- Resistant against oil & spillages
- Leak detection, resulting in the cover changing colour
- They are waterproof and suitable for most types of weather conditions (Restrictions may apply)

These products are short term investments for a long term solution; you will notice that they are efficient and effective for prolonging the life of your pipe work, valves, flanges and boilers saving you money on repairs and maintenance.

Email [energy@cordtape.co.uk](mailto:energy@cordtape.co.uk)

To arrange a visit call us on **0115 978 0554 7.**