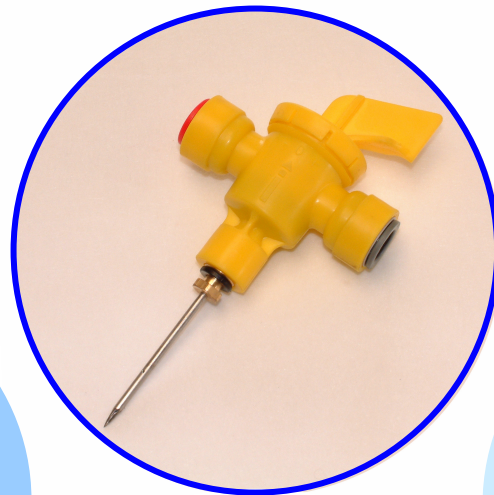


# ASBESTO STRIP INNOVATIONS UK LTD

*"The World Leader in Safe Asbestos Removal Technology"*





**The Safestrip System  
"The Red Box"**

The only system that complies  
with the BSI PAS 60-1.

The only system used in all  
ARCA training centres.

14a Tuffhorn Industrial Estate, Coleford, Gloucestershire GL16 8PJ

Telephone: + 44 (0)1594 837755 Fax: + 44 (0)1594 836633

Website: [www.asbestostrip.co.uk](http://www.asbestostrip.co.uk) E-mail: [enquiries@asbestostrip.co.uk](mailto:enquiries@asbestostrip.co.uk)

"Having carried out several trials of the limited injection systems available, we have used the Safestrip System since 1991. After initial training, we have always found the system very reliable, practical and easily adaptable to meet the demanding requirements of the HSE legislation. In addition to this, we have found their after sales service second to none."

**MR TONY DARSEY**  
**ERITH CONTRACTORS LTD**

## Customer Comments

### " THE ONLY SOLUTION FOR OUR INDUSTRY"

"Over the years I have seen many forms of wet stripping asbestos equipment. Some of which we purchased and tried to use, ineffectively. We concluded that most of the equipment on the market has been poorly designed. "Show pieces" someone once remarked, "not intended for use".

One day I received a video from Asbestostrip Innovations, the machine looked the part but did it work?

We had a trial of the Safestrip System and yes it did work, I could tell that a lot of research has gone into developing this equipment and that Asbestostrip Innovations are very experienced and committed to the future of asbestos removal.

As Victor Kiam once quoted "It was so good I bought the company" well I never, but I bought three Safestrins instead "

# The Sa for safer

## THE SAFESTRIP SYS

### **British Standards**

The only system that complies v  
(British Standard Institution Pub

### **Safety**

The first line of defence

### **A Training B**

The Safestrip Sy

### **Efficie**

The sys  
require

**arca** 

As Victor Kiam once quoted "It was so good I bought the company" well I never, but I bought three Safestrips instead."

MR DALE WATERS  
SEVERN INSULATION CO LTD

"Since purchasing the Safestrip System we have used it on many large asbestos removal contracts. The difference between the Safestrip System and other units cannot be compared and therefore I would recommend to any company the purchase of the Safestrip System.

Regarding the after sales service & technical advice I would only wish that all people that I dealt with were as helpful as the Asbestostrip Team."

MR SCOTT MURRAY  
PECTEL LTD

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Photographs shown on the front cover are examples of asbestos removal contracts where The Safestrip System has been used.

## THE COMPANY



### *Quality Standards*

Compliant with ISO 9001:2000

### *Knowledge*

Extensive knowledge of

### *Experience*

20 years experience  
contractors

### *Performance*

We provide  
removal

# The Safestrip System - for safer asbestos removal

## THE SAFESTRIP SYSTEM

### **British Standards**

The only system that complies with the BSI PAS 60-1  
(British Standard Institution Publicly Available Specification)



### **Safety**

The first line of defence and protection for your workforce and you

### **A Training Benchmark**

The Safestrip System is used in the four ARCA training centres

### **Efficiency**

The system can run without supervision day or night, lower workforce requirements complimented by an increase in production rates

### **The Equipment**

Kit comprises of 1 x Safestrip System, 200 x Injector Units (various lengths available), 1 x Distribution Manifold plus accessories

### **Requirements**

The system is water powered and needs only connecting to water mains. Minimum of 3 bar pressure is required

### **Training**

Full on-site training with certification provided at your convenience

### **Environment**

Negligible asbestos fibre release when used with





## THE COMPANY

### *Quality Standards*

Compliant with ISO 9001:2000

### *Knowledge*

Extensive knowledge of complex sites in the UK and abroad

### *Experience*

20 years experience in the asbestos removal industry, originally asbestos removal contractors

### *Performance*

We provide solutions and quality equipment to achieve the safest, cost effective removal of asbestos

### *Back-Up and Advice*

Excellent industry reputation for a back-up and technical service that is second to none

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### *Environment*

Negligible asbestos fibre release when used with Astrip Concentrate Wetting Fluid



## INTRODUCTION

Over the years there has been increasing pressure on contractors to introduce effective dust control systems that can reduce fibre release at source during asbestos removal operations. Thorough wetting of asbestos insulation is the **most** effective method of eliminating dust particles - it also makes the lagging easier to handle. It needs to be done with careful control, as the wetting fluid will escape through the quickest route without effectively wetting the lagging if it is injected at high volume or pressure.

Using the knowledge and understanding gained from studying hydraulic engineering and experience gained from working as asbestos removal contractors, Asbestostrip Innovations pioneered completely controlled wetting of asbestos containing materials (A.C.M's), with their Safestrip System. This high performance system is capable of complete control, whilst being able to deliver large or small volumes of liquid, at the optimum rate of absorption. Controlled absorption is an essential feature of any asbestos wetting system. This is a modern **controlled** wetting process and should not be confused with **uncontrolled** systems.



and can be set up and operated by one or two operatives.

The system features include an automatic Astrip Concentrate/water dilution system, capable of a maximum delivery volume of 2000 litres per hour. A robustly engineered manifold provides controllable distribution of diluted Astrip Concentrate Wetting Fluid to the purpose made stainless steel injectors, each of which can be regulated by its own flow control valve. The fine needles of the injector units will pierce surfaces with negligible fibre release, including coated and painted surfaces of A.C.M's that cannot be penetrated by spraying. The Safestrip

supplying diluted liquid to 1200

The Safestrip System is supplied

- a set of 200 x Injector Unit by customer
- a Distribution Manifold
- a set of extension tubes in coded for easy selection
- a colour, laminated instruction binder
- a pair of wire cutting shears
- a selection of spare fittings

The manifold, accessories and sturdy polypropylene contain storage.

Numerous contracts using the produced extraordinary results surfaces release few or no fibre be exceeded during the removal

**It should be noted that**

## **ASTRIP CONCENTRATE**

The Safestrip System is designed purely for asbestos in the Safestrip System. The effect of surface tension at the an adhesive material, which requires

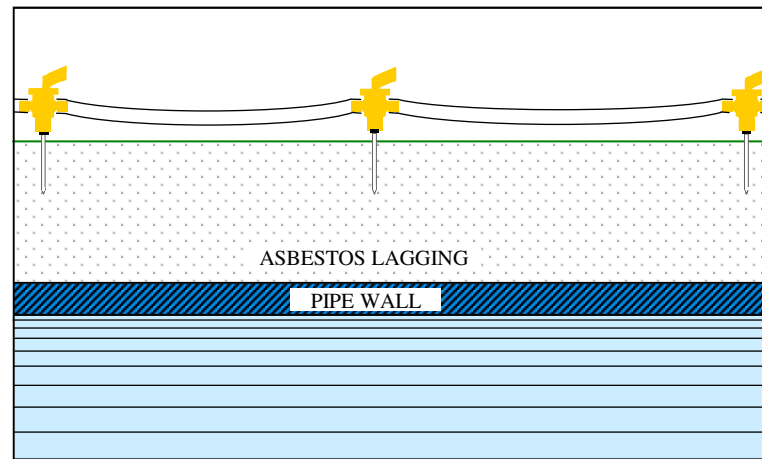
process and should not be confused with **uncontrolled** systems.

## **THE SAFESTRIP SYSTEM**

The Safestrip System is water powered and needs only connecting to the water supply. The system ideally requires water volume at 36 litres per minute at 6 bar pressure (90 psi) to give the optimum output, however a pressure of 2 bar will give suitable output for low level projects.

The Safestrip System's inlet and outlet hose pipes, controls and blending mechanisms are housed in a self contained wheeled unit. The system is easily transportable with a 'dry' weight of approximately 65kg (143 lbs)

painted surfaces of A.C.M's that cannot be penetrated by spraying. The Safestrip System is commercially viable, can cope with any size of contract and is capable of



Controlled injection delivery through a network of fine needles provides an optimum absorption rate.

effect of surface tension at the an adhesive material, which re contains no petro-chemical der

As well as Astrip Concentrat available, it also provides esse assemblies will not require flus

## **REGULATION 10 - CONT**

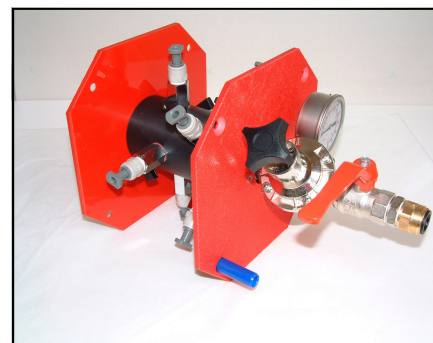
The combined use of the S compliance with United Kingd "Every employer shall -

- (a) prevent the exposure of his
- (b) where it is not reasonably p
  - (i) reduce the exposure practicable by meas
  - (ii) ensure that the numl reasonably practicab

supplying diluted liquid to 1200 injector units simultaneously at 30ml per minute.

The Safestrip System is supplied, as standard, with the following items:

- a set of 200 x Injector Units with needles - length specified by customer
- a Distribution Manifold
- a set of extension tubes in a variety of lengths, all colour coded for easy selection
- a colour, laminated instruction manual in a sturdy ring binder
- a pair of wire cutting shears
- a selection of spare fittings for the system.



The fluid Distribution Manifold offers an infinite range of project sizes with maximum efficiency

The manifold, accessories and injector units are housed in a sturdy polypropylene container for easy manageability and storage.

Numerous contracts using the Safestrip System and 'Astrip Concentrate' Wetting Fluid have produced extraordinary results. Once injected, A.C.Ms on pipe work, boilers and flock coated surfaces release few or no fibres during removal. In most instances the  $<0.01$  fibre/ml need not be exceeded during the removal process.

**It should be noted that this system does not remove the need to wear suitable respiratory protection.**

### **ASTRIP CONCENTRATE WETTING FLUID**

The Safestrip System is designed to deliver the wetting fluid 'Astrip Concentrate', a product developed purely for asbestos removal. The Astrip Concentrate is automatically diluted by 10:1 in the Safestrip System. The addition of 'Astrip' in diluted quantities reduces the undesirable effect of surface tension at the interface between the liquid and the insulation. It also contains an adhesive material, which remains when the water content has evaporated. Astrip Concentrate

effect of surface tension at the interface between the liquid and the insulation. It also contains an adhesive material, which remains when the water content has evaporated. Astrip Concentrate contains no petro-chemical derived materials.

As well as Astrip Concentrate being acknowledged to be the most effective wetting fluid available, it also provides essential lubrication for the Safestrip System and the injector unit assemblies will not require flushing after being used with Astrip.

### **REGULATION 10 - CONTROL OF ASBESTOS AT WORK REGULATIONS 2002**

The combined use of the Safestrip System along with Astrip Concentrate ensures easy compliance with United Kingdom Regulation 10 - (1), which states:

“Every employer shall -

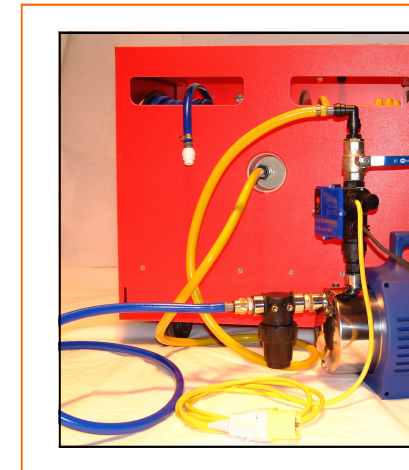
- (a) prevent the exposure of his employees to asbestos so far as is reasonably practicable;
- (b) where it is not reasonably practicable to prevent such exposure –
  - (i) reduce the exposure of his employees to asbestos to the lowest level reasonably practicable by measure other than the use of respiratory protective equipment, and
  - (ii) ensure that the number of his employees who are exposed to asbestos is as low as is reasonably practicable.”

## OPERATIVE TRAINING

The Safestrip System is very easy to use, but as with all technology, to achieve the best results, training is essential and is provided on-site at your convenience by Asbestostrip Innovations UK Ltd. On completion of the training session each operative is issued with laminated A4 size and wallet size certificates showing a photograph of the person. The larger certificates are designed to be kept for the company's records and wallet size certificates are for the operatives personal use.



A range of optional extra System including:



We also provide annual refresher training to ensure all operatives are always fully conversant with the System.

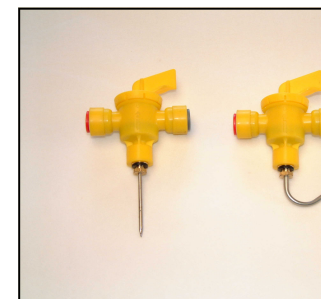
## WARRANTY, BACK-UP SERVICE AND ACCESSORIES



The Safestrip System comes with twelve months warranty from the date of purchase.

Asbestostrip Innovations UK Ltd service to customers does not end after the purchase of a Safestrip System. We pride ourselves in having an excellent reputation throughout the asbestos removal industry for providing a high quality technical, advice and back up service. We have 22 years experience in the asbestos removal field and were originally asbestos removal contractors. Asbestostrip Innovations UK Ltd have more hands

on experience of more complex sites in the UK and abroad than any other company. We supply

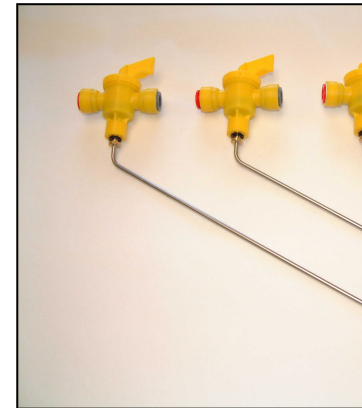


we were originally asbestos removal contractors.

Asbestostrip Innovations UK Ltd have more hands on experience of more complex sites in the UK and abroad than any other company. We supply a wide range of asbestos removal accessories, advice on dealing with specific projects and can offer bespoke solutions to difficult problems. The purchase of a Safestrip System gives you access to a free telephone consultation and advice line and we can give you the benefit of our knowledge and experience.

### **MAINTENANCE AND SERVICING**

The Safestrip System requires minimal maintenance and advice for basic maintenance is included in the instruction manual. Asbestostrip Innovations UK Ltd recommend that systems have an annual service. The Injector Units (valves and needles) should be examined after each use and serviced every twelve months.



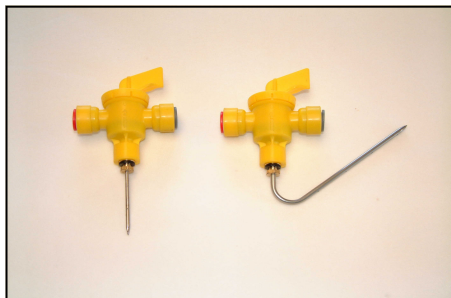
## ACCESSORIES

A range of optional extra accessories can be purchased to run off the Safestrip System including:



### Water Pressure Booster Pump

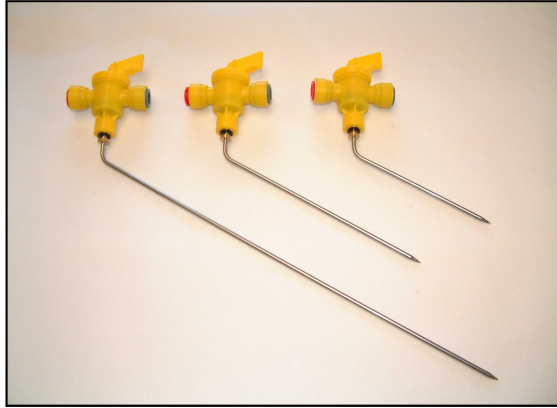
In cases of reduced water supply pressure, the use of a booster pump may be necessary. We offer 230V or 110V water pressure booster pumps, which are supplied with all the necessary fittings and connections for use with the Safestrip System.



### Needles

Needles from 2" (50mm) up to 12" (300mm) long can be supplied for injection into flock coated steel work or concrete.

Needles are interchangeable with the injector units by the use of a push



Needles are interchangeable with the injector units, by the use of a push-in fitting. However for the longer length needles, ensure that there are suitable lengths of valve connection tubes available.

We can also manufacture needles for specific job requirements.



### Handspray Accessory

Handsprays provide additional wetting within the enclosure for any dry areas that may still exist, also as an aid to final cleaning of stripped surfaces. These are supplied with the standard unit.



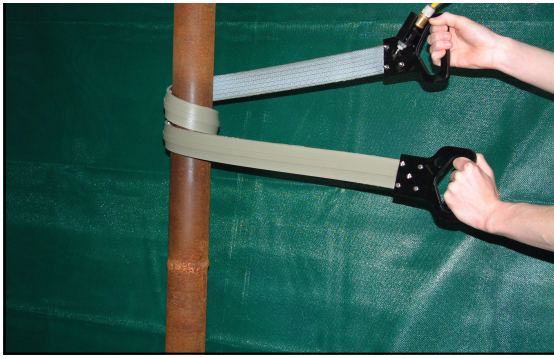
### Multiple Sprayheads

Two to eight point multiple sprayheads for wetting raw uncoated surfaces, giving up to 1 metre/39 inches cover width. The length of lance between the hand control and sprayhead is supplied to specific customer requirements.



### Pipe Cleaning Tool

A pipe cleaning tool which has up to 350 bristles per square inch embed-



A pipe cleaning tool which has up to 350 bristles per square inch embedded into the pliable belt. Lengths available range from 0.5 to 3 metres/1.5 feet to 10 feet. The tool is connected to the system supply manifold to aid pipe cleaning, especially in difficult situations.

## ASBESTO STRIP INNOVATIONS UK LTD

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