METHOD STATEMENT & RISK ASSESSMENT

Principal Contractor: M Ward Demolition

Location: Manor Fresh, Crowland, P6 OBN

Site contact: Keith Wilcox Mobile: 07821912769

Title: Demolition of Potato Storage building.

Date: August 2014

Company Name: Mick Ward Demolition Ltd **Tel:** 01406 365199

Contact: Mick Ward **Tel:** 07860525480

On Site Contact: Mick Ward **Tel:** 07860525480
Gary Ward **Tel:** 07771357353

Introduction

All Mick Ward Demolition Ltd employees and any sub contractors employed by this company to carry out work on this site shall comply with the requirements of the Health & Safety at Work Act 1974, the Management of Health and Safety at Work Regulations 1999, the Construction (Design and Management) Regulations 2007, Control of Asbestos Regulations 2006 Amended 2012 and all other relevant health & safety and Environmental legislation as well as our method statement and clients site rules.

The building is steel portal framed and metal sheeting to the roofs and sides; it has compressor building with corrugated sheeting to roof Non-asbestos as confirmed by J W Cope, the building is free standing behind other commercial buildings off Crease Drove.

Work sequences

When, all the necessary site inductions and method statement and risk assessment has been looked at, discussed and agreed. All operators' certificates/cards will be presented if requested at the site induction.

The work and access areas will be established and designated by the use of Heras fencing covered with debris netting. The works will take place within the confines of the Heras fenced areas.

- All the plant will be delivered to site and placed inside the Heras fencing & compound area.
- **The electrical supplies to all the buildings will be disconnected by Manor Fresh Electrical contractor, he will issue hand over certificate on completion of the disconnection & inspection to ensure the buildings are fully disconnected.**
- **Other services to the buildings will be disconnected by Manor Fresh and a hand over certificate issued.**
- The old drains from the building leading to the mains will be bunged to prevent any possible contamination from the demolition entering the mains system; this is to be carried out by Manor Fresh building contractor prior to work commencing on site.
- Traffic management will be via the side access road this will be two way; if for any reason this is not possible i.e. having to reverse then a banksman will be employed.

- We will provide an oasis type Welfare facilities for the full term of the project.
- **The refurbishment/demolition Asbestos survey and any subsequent removal; we note is carried out by a licensed contractor who will have made the appropriate notification to the HSE, a site clearance hand over certificate will be issued by the company prior to demolition work proceeding.**
- The site Heras fencing access panels will remain closed during the day when demolition is taking place to prevent unauthorised access.
- The potato storage building will be soft stripped and cleared of waste materials.
- ***All materials from the demolition will be segregated for re-cycling and placed in the appropriate skip and removed from site, waste transfer notes as required under the Waste (England and Wales)Regulations 2011 and our waste carrier licence will be given for all waste removed from site.***

Old compressor room roof and scattered materials around site:

- Whilst the cement roofing sheets to the compressor shed have been sampled negative for asbestos, there is small amounts of possible ACMs around the site these are to be cleared.
- Our operatives will treat the roof sheets and waste materials around the site as ACMs and will wear the appropriate PPE and work as the HSE guide lines working with non licensed Asbestos containing materials.
- The sheets will have the fixing bolts cropped off by hand operated croppers, removed whole, placed in skip on to polythene along with all the waste materials left around site.
- Any sheets that break during removal will have the newly exposed edges sprayed with PVA adhesive.

Work sequences Continued:

- There will be the CAT 25Tonne tracked excavator using different hydraulic operated attachments as the demolition proceeds, the grab and shearer.
- Working always from the roof level down with the excavator maintaining a safe distance from the building.
- The building will be systematically taken down in controlled sections Bay by Bay; by grabbing the roof and side sheets and pulling them from their fixed position and lowered to ground level and placed in the skip to go for recycling, and using the Hydraulic shearer to cut through the steel keeping them in manageable sections.
- As, a Bay-section is demolished we may have a second excavator working along side removing the debris from the demolition area, also maintaining a safe distance from the building.
- The process will be repeated along the length of the building which will be demolished in sequence to ensure that the demolition plant is always a safe distance from the buildings.
- **At NO time will the demolition plant or operatives be directly in or under the demolition area.**
- **During the demolition a water hose from a bowser may be used to dampen the work area, this ensures the dust from the demolition is kept to ground level.**
- **Once the building is raised to the ground and the materials segregated and removed from site, the oversite and any protruding steel sections will be made level and safe of trip hazards; at this point we may need to use a disc cutter etc to ensure everything is level with the remaining oversite, operating**

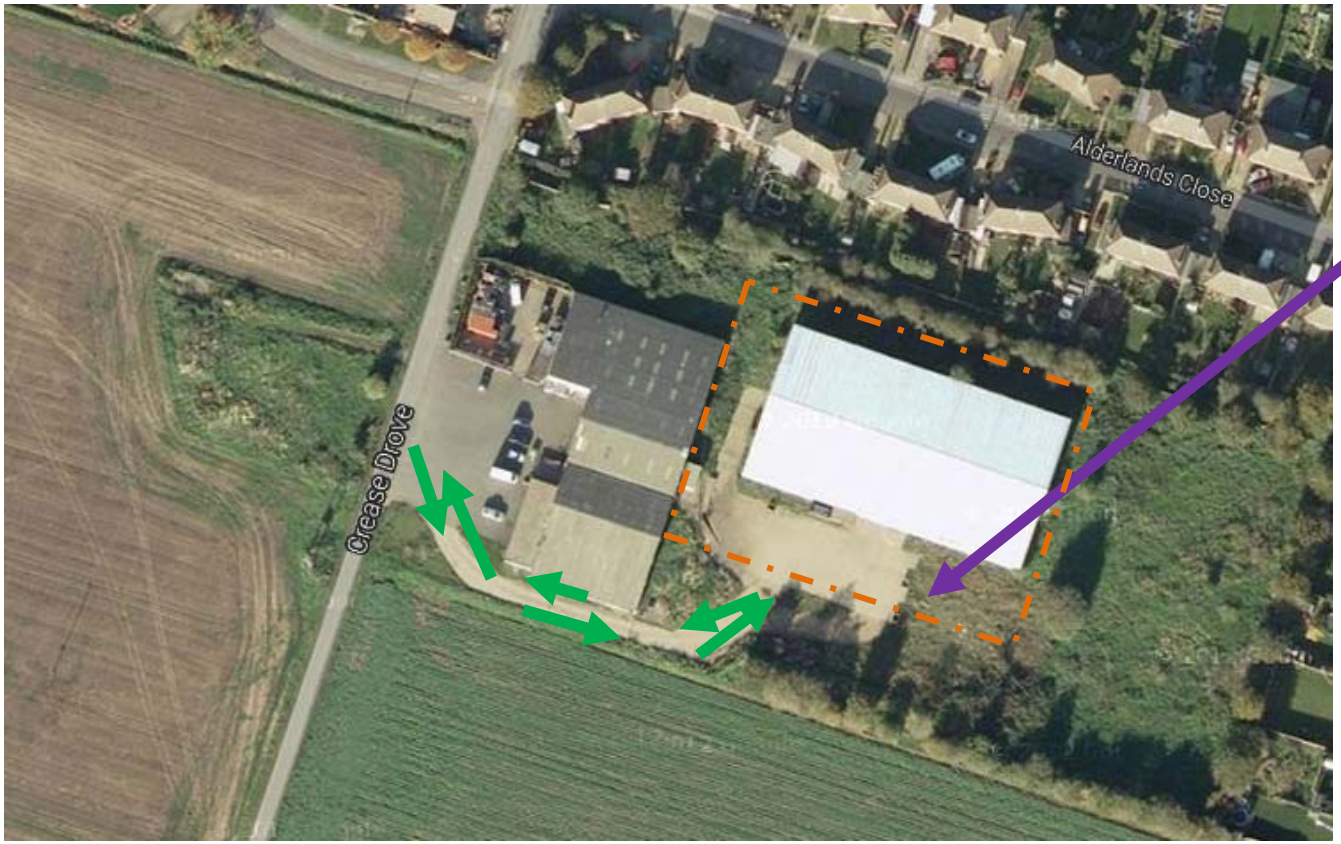
under hot work conditions i.e. fire extinguisher at the point of hot works and a minimum of 1 hour fire watch.

- ***On completion of the Demolition works the work areas will be left levelled, clean and tidy.***

Plant to be used:

Telehandler
2No 360° tracked Excavators
Man cage attachment
Hydraulic Grab attachment
Hydraulic shearer attachment
Various Hand tools

GENERAL SEQUENCE OF DEMOLITION



Our compound will be set up in this area, welfare facilities' etc.

Green arrow denotes direction of access and egress

Single storey building

Dashed line denotes line of Heras fencing with debris netting cover

General
At all times personnel will wear appropriate personal protective equipment inclusive of safety helmets, safety footwear, and high visibility clothing. As appropriate other personal protective equipment will be worn e.g. ear, hand and eye protection as task in hand dictates.

All traffic and pedestrian procedures employed on the client's site will be adhered to.

The work areas will identify daily operations by the use of Heras fencing and signs where required.

All equipment brought on to site will be in good condition, and suitably maintained, Marked with P.A.T ticket and be used for the purposes they are intended for.

Only operators who are competent, and have the skills and knowledge required for that plant, equipment or other tools will be allowed to operate/use them.

All operators will comply fully with the information and rules given at the site induction

Supervision, Controls and Monitoring
Mick Ward or Gary Ward will ensure the safe means of working is complied with as given by this method statement, shall directly control all work on site.

Variations
If during the work, the method changes from the original statement then additions should be entered on the variations sheet and communicated to all.

Safety of Third Parties
Physical barriers, safety signs, barrier tape and any other equipment will be used to segregate working areas from unauthorised persons where necessary. If the site supervisor or any operatives have concerns over the safety of third parties, work shall cease, until those concerns are removed or controlled.

First Aid and Emergency Procedures
Full first aid cover shall be available at all times.
Mick, Gary and Eric are all trained Emergency First aiders at Work and a first aid kit will be on site.

Hand Arm Vibration Matrix

EQUIPMENT:	Vibration Magnitude in m/s²*	Max time to reach EAV 6.5m/s² A(8) hours/mins	Max time to reach EAV 5m/s² A(8) hours/mins	HSE point per hour
20 & 8 Tonne tracked excavator with hydraulic Attachments	0.6M/S2 2.5M/S2	24HRS 8HRS	24HRS 24HRS	1 13
110v hand held reciprocating saw	12.6	20mins	1hr 15mins	275
Disc Cutter	5.7	1hr 31mins	6hrs 3mins	66
110v hand Held cutter	9.7	32mins	2hrs 7mins	190
Noise level up to 95decibels: ear defenders required for operator and workers in a 4mtr range. Hand held reciprocating saw can be used for 30mins continuous then operator to take minimum break 15mins. 90db Chainsaw intermittent use only short duration 10mins. 110db Calculation taken from the HSE hand arm vibration chart; see HSE web site				

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Exposure action value (EAV) and exposure limit value (ELV)

What is the exposure action value?

The exposure action value (EAV) is a daily amount of vibration exposure above which employers are required to take action to control exposure. The greater the exposure level, the greater the risk and the more action employers will need to take to reduce the risk. For hand arm vibration the EAV is a daily exposure of 2.5 m/s^2 *A*(8).

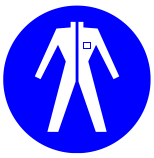
Environmental Issues:

Contamination: Any spillages from our plant i.e. diesel, Oil, Hydraulic oil will be contained using our mobile spill kit or sand, the contaminated spill kit or sand will be disposed of as contaminated waste under our waste carriers License.
Drains where required will be sealed using drain seal, and trapped gulley pots will be cleaned out if they become contaminated.

Noise: It is not envisaged that the noise levels on site from our operations should impact on the surroundings, noise monitoring equipment can be used on site supplied by GPSS Ltd.
See the above matrix for the noise level at the pecker point.

Dust: The dust from the demolition work will be controlled using a hose pipe and spray over the demolition area.

Personal Protective Equipment to Be Worn

 ☑ Dust mask	FFP3 (EN 149)dust masks will be used for works involving dust.	 ☐ Visor	
 ☑ Respirator	Face fit respirator can be used for works involving dust & ACMs.	 ☑ Safety Glasses	To worn at all times during demolition and when wind starts blowing dust around
 ☑ Gloves	Gloves will be worn when working with demolition materials.	 ☑ Overalls	Disposable overalls will be worn during removal of ACMs, these will be type 5 (BS EN ISO 13982-1), hood to be worn over the respirator straps, loose cuffs will be taped.
 ☑ Footwear	Safety boots will be worn at all times.	 ☐	
 ☑	Hard Hats will be worn at all times.	 ☑	Hi- Vis will be worn at all times.
 ☑ Other	Hot work permit if required from site contact before disc cutting.	 ☐ Other	

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Notes:

- PPE WILL BE REMOVED BEFORE GOING TO THE W/C AND EATING.
- AT ALL TIMES STRICT HYGIENE STANDARDS WILL BE ADHERED TO; WASHING BEFORE GOING TO W/C AND AFTER, BEFORE EATING AND LEAVING SITE.
- Manor Fresh manager to ensure that rest of site are aware of demolition works taking place and not to enter the Demolition area/building with out prior permission of M Ward Demolition Ltd.

Variations

(Any variations from the original statement must be communicated to all). Please write clearly below any changes.

DRAFT

Mick Ward Demolition Ltd

RISK ASSESSMENT

Project:	Location:
Demolition of Potato Storage building	Manor Fresh, Crowland, P6 OBN

Identified Hazards:

Demolition	**Manual Handling**	**Work at Height**
Work with plant & equipment	**Dust made airborne by plant use**	**Site traffic**
Premature collapse of structures	**ACMs**	

Risks & Persons Exposed to Hazard:

Collision with site traffic/pedestrians, severe bruising, breakages to death

Operatives working with plant and equipment, collisions, poor plant/equipment; contact with plant/equipment

Exposure to Asbestos fibres

Wrongly lifting materials, twisting or pulling back muscles.

Plant operators inhaling dust made from removing internal fittings or airborne from the movement of the plant, respiratory problems possible pneumonia.

Premature collapse of structures on to demolition operatives, crush injuries

Risk Assessment: See reverse:

Low		Medium		High	
					X

Control Measures Required:

All Mick Ward Demolition operatives will adhere to the site traffic/pedestrian routes at all times.

MEWP's will be used for all work at height and the man cage attached to the teleporter.

Mick Ward will ensure that all plant is suitable for the work intended and well maintained, all operators will have been trained in the use of the plant/equipment.

Works of other contractors/persons in the area will be discussed at site induction and where required daily.

Good manual handling techniques will be used if materials have to be lifted by hand.

The operatives will monitor the dust and put on a FFP3 dust mask if dust starts to become airborne or face fit respirator.

Maintain low revs and reduced speeds when moving around the site if it is a dry day.

Hose pipe used to dampen the work area and suppress the dust from demolition operations.

NO operatives will be in the direct demolition area, diggers will maintain a safe distance from the building whilst demolition taking place. Daily discussions to take place to discuss that days work schedule.

All our plant operators are trained to use the plant and all the plant under goes half yearly & yearly inspections

Good hygiene standards to be maintained i.e. washing before & after toilet use, before eating, gloves to be worn at all times when handling any old material from the demolition & safety glasses to be worn.

All ACMs being removed by licensed contractor, our operatives working in line with HSE guidance and trained

Resulting Risk Assessment:

Low		Medium		High	
	X				

The above risk assessment identifies the foreseeable hazards and introduces control measures to reduce the risk to health and safety whilst undertaking the described task. Hazards that become apparent during the works are subject to separate risk assessments.

Signed:	Name:	Date:
	Gary Elston	6th August 2014

LIKELIHOOD	HAZARD SEVERITY	RISK RATING	RISK FACTOR High, Medium, Low (See Box below)
Before control measures			
3 X	3 =	9	**High**
After			
1 X	2 =	2	LOW

Likelihood	Rating	Severity:
Unlikely	**1**	**Trivial or Minor Damage / Injury**
Likely	**2**	**Major Damage / Injury**
Very Likely	**3**	**Permanent disability / Injury or Death**

Low Risk = 1 - 4 **Medium Risk = 6** **High Risk = 9**

Severity

Likelihood	1	2	3
1	**1**	**2**	**3**
2	**2**	**4**	**6**
3	**3**	**6**	**9**

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SAFE MANUAL HANDLING OPERATIONS

WHAT IS MANUAL HANDLING

Manual handling operations are responsible for a significant number of injuries in the workplace and millions of days lost each year due to back problems. A manual handling operation is any task that involves lifting, carrying, putting down, pushing, pulling or moving a load by human effort.

WHAT IS THE LAW

The Manual Handling Operations Regulations 1992

These regulations establish a clear hierarchy of measures to avoid the risk of injury:-

01. Avoid hazardous manual handling operations where possible (by better planning of the work operation and/or the use of mechanical handling equipment).

02. Assess manual handling operations that cannot be avoided.

03. Reduce the risk of injury to an acceptable level.

As an employee, you have the following responsibilities under The Health and Safety at Work Act 1974.

01. Follow appropriate systems of work and carry out tasks in accordance with any information and/or training given.

02. Make proper use of any equipment provided for your own safety.

03. Cooperate with your employer on health and safety matters.

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HOW MUCH CAN I LIFT

There are no legal limits on the maximum weight you can lift. Guidelines are provided to assist assessment, which suggest that up to 25kg can be lifted, lowered and carried by a fit male or 16kg for a female. This figure is based with a load close to the body, and at a height between elbow and knuckle (i.e., waist height).

It must be stressed however, that these guidance figures may be reduced to as little as 5kg if lifting, lowering or carrying away from the body or above/below waist height (see diagram below).

It is important to lift within your own capabilities, which may be higher or lower than the guideline weight stated. Your own ability will depend on various factors, including:-

01. Your physique
02. Your age, condition and experience
03. The load
04. The lifting techniques used

WHAT INJURIES ARE ASSOCIATED WITH MANUAL HANDLING OPERATIONS

The types of injury commonly associated with Manual Handling Operations include, cuts and grazes, muscular and nerve damage, ligament and tendon damage, strain injuries (i.e., hernia) and spinal disc injuries (i.e, slipped or prolapsed disc). A high proportion of injuries affect the back and upper limbs and can be caused as a result of lifting a weight that is too heavy or carrying out incorrect or poor lifting techniques.

The spine is a complex structure made up of vertebrae, and spinal discs which act as shock absorbers between each pair of vertebrae (a spinal segment).

Nerve roots branch through the spaces between each vertebra and, as the spinal column bends, they become more exposed and vulnerable to entrapment. Back injury is particularly painful and can cause long-term disability.

The key to safe manual handling operations is to keep the back in its natural position (e.g. with the three natural curves in line).

HOW CAN I LIFT AND CARRY SAFELY

Prior to any manual handling operation, it is essential to assess the whole task and ensure it is safe to continue. A good assessment will consider all elements of the operation including the load (e.g. shape, size, hot, cold, sharp edged), you the individual (e.g. your own capabilities), the task (e.g. distances, number of times) and the environment (e.g. wet, lighting, extremes of temperature).

The general principles of safe manual handling are applicable to all manual handling operations and are set out below:-

Step 1 - Always assess the item to be lifted, ensuring it is within your own capabilities, if it is too heavy, then ask for help. Check item for marked weight. Make sure your work area, the route and final destination are clear of obstructions.

Step 2 - Approach the load with your leading leg forward and feet apart (this helps to balance your body and keeps the muscles relaxed). Your leading foot should point in the direction you want to move.

Step 3 - Bend your knees, keeping your back as straight as possible and your shoulders level (again this helps to keep you balanced). Keep your chin tucked in. Get a good firm grip with your hands, not just your fingers. Try and ensure you always lift with the heaviest part of the load closest to you. Keep your arms in as close to your body as possible.

Step 4 - Start your lift slowly and under control raising your chin as you begin. Keep the load close to the body with your back straight and in its natural position. Let your legs do the lifting.

Step 5 - When upright, position and orientate the load by moving your feet, not by twisting your upper body. Twisting is a common error and results in stretching and compressing of the muscles, often resulting in injury.

Step 6 - When placing a load down, the reverse process of steps 2 to 4 should be used. Remember to keep the load close to the body, at waist height where possible. The back should be straight and the strong leg muscles used.

TEAM LIFTING

When two persons are involved in the operation this does not mean that twice as much weight can be safety lifted. Again, it is important to lift within the capabilities of the persons involved.

When team lifting you must:-

- Co-ordinate your activities. All those involved in the lift should know what is going to happen and where the load is going

- Wherever possible, lift with a person of about the same build and height

DRAFT

PUSHING AND PULLING

- push with the legs rather than pull with the arms, your leg muscles are much stronger;
- always wear appropriate footwear and ensure a good footing;
- push at a height between your shoulders and your waist with your back in its natural position;
- do not push with your arms extended.

WHEN CARRYING OUT MANUAL HANDLING OPERATIONS AVOID THE FOLLOWING:-

- stooping and bending
- twisting
- Over reaching
- Sharp movements

In all cases it is important to plan and assess the operation before the load is moved. If it is within your capability it may be handled, but only by using good manual handling techniques. If you are in any doubt that the task can be completed safety, DO NOT CONTINUE. Seek assistance, or consult your Manager/Supervisor.

Remember – you must report all accidents to a Manager or Supervisor and ensure that accident details are recorded in the accident book as soon as possible.

APPROVED CONTRACTOR

This certificate is not valid if the serial number has been defaced or altered **IMN3/0470477**

MINOR ELECTRICAL INSTALLATION WORKS CERTIFICATE

Issued in accordance with British Standard 7671 - Requirements for Electrical Installations by an Approved Contractor or Conforming Body enrolled with NICEIC, Warwick House,Houghton Hall Park, Houghton Regis,Dunstable,LU5 5ZX

Original (To the person ordering the work)

PART P NUMBER: N/a

To be used only for minor electrical work which does not include the provision of a new circuit

PART 1: DETAILS OF THE MINOR WORKS

Client: Mr K Wilcox

Date minor works completed: 01/08/2014

Contract Reference, if any:

Details of departures, if any, from BS 7671 (as amended)
none

Description of Minor works
To carry out isolation and disconnection of outgoing supplies from mains intake position in small brick built plant room.
200 amp fuses removed and isolated. Distribution board disconnected and removed.
Electricity supplier needs to be informed and arrangements made to disconnect and cap off the incoming supply and remove the meter.

Location/address of the minor works
DGM - Crowland store
Crease Drove
Crowland

Postcode: PE6 0BN

PART 2: DETAILS OF THE MODIFIED CIRCUIT

System type and earthing arrangements: TN-C-S ✔ | TN-S | TT | TN-C | IT

Protective measure(s) against electric shock: N/a

Overcurrent protective device for the modified circuit: BS(EN) N/a | Type N/a | Rating N/a A

Residual current device (if applicable): BS(EN) N/a | Type N/a | $I_{\Delta n}$ N/a mA

Details of wiring system used to modify the circuit: Type N/a | Reference method N/a | csa of live conductors N/a mm² | csa of cpc N/a mm²

Where the protective measure against electric shock is ADS, insert maximum disconnection time permitted by BS 7671: N/a s | Maximum Z_S permitted by BS 7671: N/a Ω

Comments on existing installation
Complete installation isolated at plant room. No live supplies present within the main warehouse.

PART 3: INSPECTION AND TESTING OF THE MODIFIED CIRCUIT AND RELATED PARTS

† Essential inspections and tests

† Confirmation that necessary inspections have been undertaken			×	(✓)	
† Circuit resistance	$R_1 + R_2$ N/a Ω	or R_2	N/a	Ω	
Insulation resistance (* *In a multi-phase circuit, record the lower or lowest value, as appropriate)*	Line/Line*		N/a	MΩ	
	Line/Neutral*		N/a	MΩ	
	† Line/Earth*		N/a	MΩ	
	† Neutral/Earth		N/a	MΩ	

† Confirmation of the adequacy of earthing	×	(✓)	
† Confirmation of the adequacy of equipotential bonding	×	(✓)	
† Confirmation of correct polarity	×	(✓)	
† Maximum measured earth fault loop impedance, Z_S	N/a	Ω	
† RCD operating time at $I_{\Delta n}$ (if RCD fitted)	N/a	ms	
RCD operating time at $5I_{\Delta n}$ if applicable	N/a	ms	

Agreed limitations, if any, on the inspection and testing
N/a

PART 4: DECLARATION

I/We certify that the minor electrical installation works, as detailed in Part 1 of this certificate, does not impair the safety of the existing installation, that the said works have been designed, constructed, inspected, tested and verified in accordance with BS 7671, amended on the date shown* and that, to the best of my/our knowledge and belief, at the time of my/our inspection, the works complied with BS 7671 except as detailed in Part 1 of this certificate.

*

Name (CAPITALS)	STEVE EDGELEY	Name (CAPITALS)	STEVE EDGELEY
Signature		Signature	
Position	Approved Electrician	Position	Approved Electrician
Date	01/08/2014	Date	01/08/2014

For and on behalf of (Trading title of approved contractor)
A and J Services (Spalding) Ltd

Address
Unit 30 Fleet Road Industrial Estate, Holbeach, Spalding, LINCS
PE12 8LY

APPROVED CONTRACTOR Enrolement Number: 600952000

Branch number (if applicable):

This form is based on the model shown in Appendix 6 of BS7671 (as amended).
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Please see the 'Notes for Recipients' on the reverse of this page

Resource & Environmental
Consultants (Asbestos) Ltd

Braintree
3 Crittall Drive
Springwood Industrial Estate
Braintree
Essex
T. 01376 560120 F. 01376 552 923

UKAS TESTING
2520

Certificate of Analysis for Bulk Identification

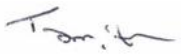
Job No. BT-14-B 1328

Customer Address

Cope Safety Management Ltd
Boston Enterprise Center, Venture House
Enterprise Way, Endeavour park
Boston, Lincolnshire PE21 7TW

Site Address

Crowland Potato Store

Customer Order No	3971
Samples Submitted By	Client
Sampled By	Client
No. of Samples Submitted	1
Date Samples Submitted	17/07/2014
Date Samples Analysed	18/07/2014
Samples Analysed In	Braintree
Samples Analysed By	Tam Smith
Analyst / Authorised Signature	

REC (Asbestos) Ltd. accepts no responsibility for sampling activities undertaken by the client. Analysis is conducted in accordance with HSG 248 / Bulk Analysis Procedures. Where soil analysis requires the taking of representative sub samples, the cone and quarter technique is used as described in Bulk Analysis Procedures. The material description shall be regarded as tentative and is not included in the UKAS Accreditation for this laboratory. Opinions and interpretations expressed herein are outside the scope of UKAS Accreditation. Where this document has been digitally signed, printed copies are uncontrolled.

Samp No	Origin / Location of Material	Material Type	Asbestos Type(s)	Comments
1	01203 - Compressor Shed	Cement	No Asbestos Detected	

Asbestos Survey

for

Fresca

at

Former Potato Store
Crowland

Report No.: **271/14**



.....

David Stamp
Asbestos Surveyor

August 2014

Contents

1.0 Introduction

2.0 Site Survey and Sampling Procedures

3.0 Survey Observations and Sample Locations

4.0 Material Assessment Algorithm

5.0 Conclusions

6.0 Exclusion Clause

Appendix –

A Certificate of Survey Results

B Signature Sheet

1.0 Introduction

The former detached potato store is to be demolished and removed from site.

Paul Newstead, was instructed to carry out a Refurbishment/Demolition survey, as defined in 'HSG 264 : Asbestos : the Survey Guide', was carried out in accordance with Regulation 4 of the Control of Asbestos Regulations 2012.

The premises surveyed consist of a detached steel portal frame with insulated panels to external walls and roof and internal partitions. Photographs were taken of the suspected asbestos containing materials, together with general interior and exterior views of the building and these are included in section 3 of the report.

2.0 Site Survey and Sampling Procedures

On 1 August 2014, Paul Newstead of Cope Safety Management undertook a Refurbishment/Demolition asbestos survey and sampling of suspected asbestos containing materials.

The asbestos survey was undertaken by means of a visual inspection of the various buildings, together with the removal of various covers, panels, decorative materials etc. Where it was suspected that an observed material contained asbestos a sample was taken and sent away for analysis. Analysis of the sampled materials was carried out by Resource & Environmental Consultants (Asbestos) Ltd, in accordance with the requirements of MDHS77, (Asbestos in Bulk Materials), on 18 July 2014. (N.B. this sample was collected prior to the main survey) Results of the analysis are included within Appendix A of this report.

Samples of materials suspected of containing asbestos were taken using a variety of tools including pliers, screwdrivers, Stanley knife etc. Following each sample the tools were cleaned using sterile wipes to eliminate cross contamination of samples. Each sample was placed in a polythene bag and labelled with a sample number and details of location. Each sample bag was then placed in a second polythene bag to prevent release of the sample material. A record of the location of the samples taken is shown as Figure 1 and also the various photographs included in section 3.

Steps were taken to minimise the potential risk to the health and safety of the surveyor and remaining occupants by ensuring that only minimal samples of material were taken. Any debris or dust resulting from the taking of the sample was cleaned using moist cloths that were disposed of as asbestos waste.

3.1 SURVEY OBSERVATIONS AND SAMPLE LOCATIONS

Name of Business:	Potato Store
Address	Crowland

© CSM 2007
www.jwcope.co.uk

AS1 REV1	Asbestos Survey
Sample Reference Number: No Sample	Location: General external view of building

Description of Suspected Asbestos					
Product Type:		Extent of Damage:		Surface Treatment:	
Reinforced plastic	☐	No visible damage	☐	Asbestos reinforced plastics	☐
Reinforced resin	☐	Surface scratches and marks	☐	Asbestos reinforced vinyl tiles	☐
Reinforced roofing felts	☐	Broken edges of boards etc	☐	Enclosed sprays/lagging	☐
Reinforced vinyl tiles	☐	Significant breakage of material	☐	AIB with exposed face paint	☐
Reinforced decorative finishes	☐	Revealed loose asbestos fibres	☐	Asbestos cement sheets	☐
Asbestos cement	☐	High damage	☐	Unsealed AIB	☐
Insulating board	☐	De-lamination of materials	☐	Unsealed lagging/sprays	☐
Thermal Insulation	☐	Visible asbestos debris	☐	Other	☐
Other	☐	Other	☐		

Material Assessment			
Product Type:	Score:		Please refer to material assessment algorithm table for scoring system
Extent of Damage/deterioration :	Score:		
Surface Treatment:	Score:		
Asbestos Type:	Score:		
Total Score:			

Material Assessment Scoring Table	
Total Score	**Material Assessment**
2-4	Very low potential to release fibres
5-6	Low potential to release fibres
7-9	Medium potential to release fibres
10-12	High potential to release fibres

Photograph



Asbestos Management Plan

Date of Inspection	Condition	Comments
1 August 2014	No asbestos detected	No further action.

NB This record does not imply that the conditions are safe and healthy, or that the arrangements for welfare at work are satisfactory in all other respects.

Signature of Advisor	**Date of Inspection**
	1 August 2014

Name of Business:	Potato Store
Address	Crowland

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www.jwcope.co.uk

AS1 REV1	Asbestos Survey
Sample Reference Number: No sample	Location: External wall panel

Description of Suspected Asbestos

Product Type:		Extent of Damage:		Surface Treatment:	
Reinforced plastic	☐	No visible damage	☐	Asbestos reinforced plastics	☐
Reinforced resin	☐	Surface scratches and marks	☐	Asbestos reinforced vinyl tiles	☐
Reinforced roofing felts	☐	Broken edges of boards etc	☐	Enclosed sprays/lagging	☐
Reinforced vinyl tiles	☐	Significant breakage of material	☐	AIB with exposed face paint	☐
Reinforced decorative finishes	☐	Revealed loose asbestos fibres	☐	Asbestos cement sheets	☐
Asbestos cement	☐	High damage	☐	Unsealed AIB	☐
Insulating board	☐	De-lamination of materials	☐	Unsealed lagging/sprays	☐
Thermal Insulation	☐	Visible asbestos debris	☐	Other	☐
Other	☐	Other	☐		

Material Assessment

Product Type:	Score:		Please refer to material assessment algorithm table for scoring system
Extent of Damage/deterioration :	Score:		
Surface Treatment:	Score:		
Asbestos Type:	Score:		
Total Score:			

Material Assessment Scoring Table

Total Score	Material Assessment
2-4	Very low potential to release fibres
5-6	Low potential to release fibres
7-9	Medium potential to release fibres
10-12	High potential to release fibres

Photograph





Asbestos Management Plan

Date of Inspection	Condition	Comments
1 august 2014	No asbestos detected	No further action.

NB This record does not imply that the conditions are safe and healthy, or that the arrangements for welfare at work are satisfactory in all other respects.

Signature of Advisor	**Date of Inspection**
	1 August 2014

Name of Business:	Potato Store
Address	Crowland

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AS1 REV1	Asbestos Survey
Sample Reference Number: No sample	Location: Roofing panel

Description of Suspected Asbestos

Product Type:		Extent of Damage:		Surface Treatment:	
Reinforced plastic	☐	No visible damage	☐	Asbestos reinforced plastics	☐
Reinforced resin	☐	Surface scratches and marks	☐	Asbestos reinforced vinyl tiles	☐
Reinforced roofing felts	☐	Broken edges of boards etc	☐	Enclosed sprays/lagging	☐
Reinforced vinyl tiles	☐	Significant breakage of material	☐	AIB with exposed face paint	☐
Reinforced decorative finishes	☐	Revealed loose asbestos fibres	☐	Asbestos cement sheets	☐
Asbestos cement	☐	High damage	☐	Unsealed AIB	☐
Insulating board	☐	De-lamination of materials	☐	Unsealed lagging/sprays	☐
Thermal Insulation	☐	Visible asbestos debris	☐	Other	☐
Other	☐	Other	☐		

Material Assessment

Product Type:	Score:		Please refer to material assessment algorithm table for scoring system
Extent of Damage/deterioration :	Score:		
Surface Treatment:	Score:		
Asbestos Type:	Score:		
Total Score:			

Material Assessment Scoring Table

Total Score	Material Assessment
2-4	Very low potential to release fibres
5-6	Low potential to release fibres
7-9	Medium potential to release fibres
10-12	High potential to release fibres

Photograph





Asbestos Management Plan

Date of Inspection	Condition	Comments
1 August 2014	No asbestos detected	No further action.

NB This record does not imply that the conditions are safe and healthy, or that the arrangements for welfare at work are satisfactory in all other respects.

Signature of Advisor	**Date of Inspection**
	1 August 2014

Name of Business:	Potato Store
Address	Crowland

© CSM 2007
www.jwcope.co.uk

AS1 REV1	Asbestos Survey
Sample Reference Number: No sample	Location: Internal wall panel

Description of Suspected Asbestos

Product Type:		Extent of Damage:		Surface Treatment:	
Reinforced plastic	☐	No visible damage	☐	Asbestos reinforced plastics	☐
Reinforced resin	☐	Surface scratches and marks	☐	Asbestos reinforced vinyl tiles	☐
Reinforced roofing felts	☐	Broken edges of boards etc	☐	Enclosed sprays/lagging	☐
Reinforced vinyl tiles	☐	Significant breakage of material	☐	AIB with exposed face paint	☐
Reinforced decorative finishes	☐	Revealed loose asbestos fibres	☐	Asbestos cement sheets	☐
Asbestos cement	☐	High damage	☐	Unsealed AIB	☐
Insulating board	☐	De-lamination of materials	☐	Unsealed lagging/sprays	☐
Thermal Insulation	☐	Visible asbestos debris	☐	Other	☐
Other	☐	Other	☐		

Material Assessment

Product Type:	Score:		Please refer to material assessment algorithm table for scoring system
Extent of Damage/deterioration :	Score:		
Surface Treatment:	Score:		
Asbestos Type:	Score:		
Total Score:			

Material Assessment Scoring Table

Total Score	Material Assessment
2-4	Very low potential to release fibres
5-6	Low potential to release fibres
7-9	Medium potential to release fibres
10-12	High potential to release fibres

Photograph



Asbestos Management Plan

Date of Inspection	Condition	Comments
1 August 2014	No asbestos detected	No further action.

NB This record does not imply that the conditions are safe and healthy, or that the arrangements for welfare at work are satisfactory in all other respects.

Signature of Advisor	**Date of Inspection**
	1 August 2014

Name of Business:	Potato Store
Address	Crowland

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AS1 REV1	Asbestos Survey
Sample Reference Number: No sample	Location: Air Duct

Description of Suspected Asbestos

Product Type:		Extent of Damage:		Surface Treatment:	
Reinforced plastic	☐	No visible damage	☐	Asbestos reinforced plastics	☐
Reinforced resin	☐	Surface scratches and marks	☐	Asbestos reinforced vinyl tiles	☐
Reinforced roofing felts	☐	Broken edges of boards etc	☐	Enclosed sprays/lagging	☐
Reinforced vinyl tiles	☐	Significant breakage of material	☐	AIB with exposed face paint	☐
Reinforced decorative finishes	☐	Revealed loose asbestos fibres	☐	Asbestos cement sheets	☐
Asbestos cement	☐	High damage	☐	Unsealed AIB	☐
Insulating board	☐	De-lamination of materials	☐	Unsealed lagging/sprays	☐
Thermal Insulation	☐	Visible asbestos debris	☐	Other	☐
Other	☐	Other	☐		

Material Assessment

Product Type:	Score:		Please refer to material assessment algorithm table for scoring system
Extent of Damage/deterioration :	Score:		
Surface Treatment:	Score:		
Asbestos Type:	Score:		
Total Score:			

Material Assessment Scoring Table

Total Score	Material Assessment
2-4	Very low potential to release fibres
5-6	Low potential to release fibres
7-9	Medium potential to release fibres
10-12	High potential to release fibres

Photograph





Asbestos Management Plan

Date of Inspection	Condition	Comments
1 August 2014	No asbestos detected	No further action.

NB This record does not imply that the conditions are safe and healthy, or that the arrangements for welfare at work are satisfactory in all other respects.

Signature of Advisor	**Date of Inspection**
	1 August 2014

Name of Business:	Potato Store
Address	Crowland

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AS1 REV1 Asbestos Survey

Sample Reference Number:	Location:
No sample	Framing to air duct

Description of Suspected Asbestos

Product Type:		Extent of Damage:		Surface Treatment:	
Reinforced plastic	☐	No visible damage	☐	Asbestos reinforced plastics	☐
Reinforced resin	☐	Surface scratches and marks	☐	Asbestos reinforced vinyl tiles	☐
Reinforced roofing felts	☐	Broken edges of boards etc	☐	Enclosed sprays/lagging	☐
Reinforced vinyl tiles	☐	Significant breakage of material	☐	AIB with exposed face paint	☐
Reinforced decorative finishes	☐	Revealed loose asbestos fibres	☐	Asbestos cement sheets	☐
Asbestos cement	☐	High damage	☐	Unsealed AIB	☐
Insulating board	☐	De-lamination of materials	☐	Unsealed lagging/sprays	☐
Thermal Insulation	☐	Visible asbestos debris	☐	Other	☐
Other	☐	Other	☐		

Material Assessment

Product Type:	Score:		Please refer to material assessment algorithm table for scoring system
Extent of Damage/deterioration :	Score:		
Surface Treatment:	Score:		
Asbestos Type:	Score:		
Total Score:			

Material Assessment Scoring Table

Total Score	Material Assessment
2-4	Very low potential to release fibres
5-6	Low potential to release fibres
7-9	Medium potential to release fibres
10-12	High potential to release fibres

Photograph



Asbestos Management Plan

Date of Inspection	Condition	Comments
1 August 2014	No asbestos detected	No further action.

NB This record does not imply that the conditions are safe and healthy, or that the arrangements for welfare at work are satisfactory in all other respects.

Signature of Advisor	**Date of Inspection**
	1 August 2014

Name of Business:	Potato Store
Address	Crowland

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AS1 REV1	Asbestos Survey
Sample Reference Number: No sample	Location: Cooling system

Description of Suspected Asbestos

Product Type:		Extent of Damage:		Surface Treatment:	
Reinforced plastic	☐	No visible damage	☐	Asbestos reinforced plastics	☐
Reinforced resin	☐	Surface scratches and marks	☐	Asbestos reinforced vinyl tiles	☐
Reinforced roofing felts	☐	Broken edges of boards etc	☐	Enclosed sprays/lagging	☐
Reinforced vinyl tiles	☐	Significant breakage of material	☐	AIB with exposed face paint	☐
Reinforced decorative finishes	☐	Revealed loose asbestos fibres	☐	Asbestos cement sheets	☐
Asbestos cement	☐	High damage	☐	Unsealed AIB	☐
Insulating board	☐	De-lamination of materials	☐	Unsealed lagging/sprays	☐
Thermal Insulation	☐	Visible asbestos debris	☐	Other	☐
Other	☐	Other	☐		

Material Assessment

Product Type:	Score:		Please refer to material assessment algorithm table for scoring system
Extent of Damage/deterioration :	Score:		
Surface Treatment:	Score:		
Asbestos Type:	Score:		
Total Score:			

Material Assessment Scoring Table

Total Score	Material Assessment
2-4	Very low potential to release fibres
5-6	Low potential to release fibres
7-9	Medium potential to release fibres
10-12	High potential to release fibres

Photograph





Asbestos Management Plan

Date of Inspection	Condition	Comments
1 August 2014	No asbestos detected	No further action.

NB This record does not imply that the conditions are safe and healthy, or that the arrangements for welfare at work are satisfactory in all other respects.

Signature of Advisor	**Date of Inspection**
	1 August 2014

Name of Business:	Potato Store
Address	Crowland

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www.jwcope.co.uk

AS1 REV1	Asbestos Survey
Sample Reference Number: No sample	Location: Electrical switch gear

Description of Suspected Asbestos

Product Type:		Extent of Damage:		Surface Treatment:	
Reinforced plastic	☐	No visible damage	☐	Asbestos reinforced plastics	☐
Reinforced resin	☐	Surface scratches and marks	☐	Asbestos reinforced vinyl tiles	☐
Reinforced roofing felts	☐	Broken edges of boards etc	☐	Enclosed sprays/lagging	☐
Reinforced vinyl tiles	☐	Significant breakage of material	☐	AIB with exposed face paint	☐
Reinforced decorative finishes	☐	Revealed loose asbestos fibres	☐	Asbestos cement sheets	☐
Asbestos cement	☐	High damage	☐	Unsealed AIB	☐
Insulating board	☐	De-lamination of materials	☐	Unsealed lagging/sprays	☐
Thermal Insulation	☐	Visible asbestos debris	☐	Other	☐
Other	☐	Other	☐		

Material Assessment

Product Type:	Score:		Please refer to material assessment algorithm table for scoring system
Extent of Damage/deterioration :	Score:		
Surface Treatment:	Score:		
Asbestos Type:	Score:		
Total Score:			

Material Assessment Scoring Table

Total Score	Material Assessment
2-4	Very low potential to release fibres
5-6	Low potential to release fibres
7-9	Medium potential to release fibres
10-12	High potential to release fibres

Photograph



Asbestos Management Plan

Date of Inspection	Condition	Comments
1 August 2014	No asbestos detected	No further action.

NB This record does not imply that the conditions are safe and healthy, or that the arrangements for welfare at work are satisfactory in all other respects.

Signature of Advisor	**Date of Inspection**
	1 August 2014

Name of Business:	Potato Store
Address	Crowland

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www.jwcope.co.uk

AS1 REV1	Asbestos Survey
Sample Reference Number: No sample	Location: Internal pipework

Description of Suspected Asbestos

Product Type:		Extent of Damage:		Surface Treatment:	
Reinforced plastic	☐	No visible damage	☐	Asbestos reinforced plastics	☐
Reinforced resin	☐	Surface scratches and marks	☐	Asbestos reinforced vinyl tiles	☐
Reinforced roofing felts	☐	Broken edges of boards etc	☐	Enclosed sprays/lagging	☐
Reinforced vinyl tiles	☐	Significant breakage of material	☐	AIB with exposed face paint	☐
Reinforced decorative finishes	☐	Revealed loose asbestos fibres	☐	Asbestos cement sheets	☐
Asbestos cement	☐	High damage	☐	Unsealed AIB	☐
Insulating board	☐	De-lamination of materials	☐	Unsealed lagging/sprays	☐
Thermal Insulation	☐	Visible asbestos debris	☐	Other	☐
Other	☐	Other	☐		

Material Assessment

Product Type:	Score:		Please refer to material assessment algorithm table for scoring system
Extent of Damage/deterioration :	Score:		
Surface Treatment:	Score:		
Asbestos Type:	Score:		
Total Score:			

Material Assessment Scoring Table

Total Score	Material Assessment
2-4	Very low potential to release fibres
5-6	Low potential to release fibres
7-9	Medium potential to release fibres
10-12	High potential to release fibres

Photograph





Asbestos Management Plan

Date of Inspection	Condition	Comments
1 August 2014	No asbestos detected	No further action.

NB This record does not imply that the conditions are safe and healthy, or that the arrangements for welfare at work are satisfactory in all other respects.

Signature of Advisor	**Date of Inspection**
	1 August 2014

Name of Business:	Potato Store
Address	Crowland

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AS1 REV1	Asbestos Survey
Sample Reference Number: 1203	Location: Compressor shed roof and debris

Description of Suspected Asbestos

Product Type:		Extent of Damage:		Surface Treatment:	
Reinforced plastic	☐	No visible damage	☐	Asbestos reinforced plastics	☐
Reinforced resin	☐	Surface scratches and marks	☐	Asbestos reinforced vinyl tiles	☐
Reinforced roofing felts	☐	Broken edges of boards etc	☑	Enclosed sprays/lagging	☐
Reinforced vinyl tiles	☐	Significant breakage of material	☐	AIB with exposed face paint	☐
Reinforced decorative finishes	☐	Revealed loose asbestos fibres	☐	Asbestos cement sheets	☑
Asbestos cement	☑	High damage	☐	Unsealed AIB	☐
Insulating board	☐	De-lamination of materials	☐	Unsealed lagging/sprays	☐
Thermal Insulation	☐	Visible asbestos debris	☐	Other	☐
Other	☐	Other	☐		

Material Assessment

Product Type:	Score:		Please refer to material assessment algorithm table for scoring system
Extent of Damage/deterioration :	Score:		
Surface Treatment:	Score:		
Asbestos Type:	Score:		
Total Score:			

Material Assessment Scoring Table

Total Score	Material Assessment
2-4	Very low potential to release fibres
5-6	Low potential to release fibres
7-9	Medium potential to release fibres
10-12	High potential to release fibres

Photograph





Asbestos Management Plan

Date of Inspection	Condition	Comments
1 August 2014	No asbestos detected	See conclusions

NB This record does not imply that the conditions are safe and healthy, or that the arrangements for welfare at work are satisfactory in all other respects.

Signature of Advisor	**Date of Inspection**
	1 August 2014

4.0 Material Assessment Algorithm

Parameters (categories)	Examples of scores	Score
Product Type (or debris from product)	Asbestos reinforced composites (plastics, resins, mastics, roofing felts, vinyl tiles, semi rigid paints or decorative finishes, asbestos cement etc.)	1
	Asbestos insulating board, mill boards, other low density insulation board, asbestos textiles, gaskets, ropes and woven textiles, asbestos paper, felt, flashbanding.	2
	Thermal insulation (e.g. pipe & boiler lagging) sprayed asbestos, loose asbestos, asbestos mattresses and packing.	3

Extent of damage/deterioration	Good condition: no visible damage	0
	Low damage: few scratches or surface marks, broken edges of boards, tiles etc.	1
	Medium damage: significant breakage of materials or several small areas where material has been damaged revealing loose asbestos fibres.	2
	High damage or delamination of materials, sprays and thermal insulation. Visible asbestos debris.	3

Surface treatment	Composite materials containing asbestos: reinforced plastics, resins, vinyl tiles.	0
	Enclosed sprays and laggings, AIB (with exposed face painted or encapsulated), asbestos cement sheets etc.	1
	Unsealed AIB, or enclosed lagging and sprays.	2
	Unsealed lagging and sprays	3

Asbestos type	Chrysotile	1
	Amphibole asbestos excluding crocidolite	2
	Crocidolite	3

5.0 Conclusions

The main building comprises steel portal frame with insulated 'white wall' panels to roof, external cladding and internal wall panels. The air duct is made of plywood.

A sample, 1203, had previously been taken from the corrugated roof sheets above the compressor shed. When tested this indicated there was no asbestos present. There is a small amount of debris lying around the site which has a similar appearance. It was impractical to test all the debris therefore it should be treated as asbestos cement. As a matter of precaution the sheets on the compressor shed should also be treated and disposed of as asbestos cement. There is approximately 15m^2 in total.

6.0 Exclusion Clause

Cope Safety Management Limited endeavour to provide a fair and accurate report following contractual acceptance of our terms of reference. We have not inspected areas of the property/structure which are covered, unexposed or inaccessible and we are therefore, unable to report that any such part of the property/structure is free from asbestos. Liability is specifically excluded for these areas or where structural removal/demolition would be necessary to expose the presence of Asbestos.

Appendix A

Certificate of Survey Results

REC
Resource & Environmental Consultants (Asbestos) Ltd

Braintree
3 Crittall Drive
Springwood Industrial Estate
Braintree
Essex
T. 01376 560120 F. 01376 552 923

UKAS TESTING
2520

Certificate of Analysis for Bulk Identification

Job No. BT-14-B 1328

Customer Address

Cope Safety Management Ltd
Boston Enterprise Center, Venture House
Enterprise Way, Endeavour park
Boston, Lincolnshire PE21 7TW

Site Address

Crowland Potato Store

Customer Order No	3971
Samples Submitted By	Client
Sampled By	Client
No. of Samples Submitted	1
Date Samples Submitted	17/07/2014
Date Samples Analysed	18/07/2014
Samples Analysed In	Braintree
Samples Analysed By	Tam Smith
Analyst / Authorised Signature	

REC (Asbestos) Ltd. accepts no responsibility for sampling activities undertaken by the client. Analysis is conducted in accordance with HSG 248 / Bulk Analysis Procedures. Where soil analysis requires the taking of representative sub samples, the cone and quarter technique is used as described in Bulk Analysis Procedures. The material description shall be regarded as tentative and is not included in the UKAS Accreditation for this laboratory. Opinions and interpretations expressed herein are outside the scope of UKAS Accreditation. Where this document has been digitally signed, printed copies are uncontrolled.

Samp No	Origin / Location of Material	Material Type	Asbestos Type(s)	Comments
1	01203 - Compressor Shed	Cement	No Asbestos Detected	

Appendix B

Signature Sheet

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SS2 Rev3

Signatory Sheet

Company Name: Fresca

Premises Address: Former Potato Store, Crowland

Record Summary

The persons named have seen a copy of the Asbestos Management Plan and have been made aware of the locations of all asbestos containing products within the premises.

Signature: Name:

By signing you are confirming that you have understood the document/training, and that you agree to abide by its content.

Name: (Please Print)	Signature:	Date:

Name: (Please Print)	Signature:	Date:

ACKNOWLEDGEMENT

I acknowledge that I have read and understand the method statement and risk assessment for the work to be undertaken.

DATE	PRINT NAME	COMPANY	SIGNATURE

DRAFT

I have read the method statement and risk assessments for the work to be undertaken.

DATE	PRINT NAME	COMPANY	SIGNATURE