

ASDA FERRING -AIB/THERMAL DEBRIS SOIL REMEDIATION



Project number: SOU003492

Question #3	Answer
Has any part of the enclosure been left in-situ forming either temporary or permanent voids/seals and if applicable have all Rhodar required reinstatement works been completed and has the client been notified?	NO
images:	
No images	
Comments:	

Question #4	Answer
Have all enclosure/segregation materials and equipment been removed from the work area and immediate surrounding area?	YES
images:	
No images	
Comments:	

Question #5	Answer
Has any expanding foam been used, if so, has it been cut back and encapsulated and labels attached?	NA
images:	
No images	
Comments:	

Question #6	Answer
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Have all loose cables been redressed where practical and left in a secure position?	NA
images: No images	
Comments:	

Question #7	Answer
Has any equipment/plant been damaged during our works, if yes, please state who and when this was notified.	NO
images: No images	
Comments:	

Question #8	Answer
Have any complaints/issues been raised by the client during the course of the works?	NO
images: No images	
Comments:	

Question #9	Answer
Has all hire equipment been off hired and collected by the Hirer or returned to the Rhodar office?	NA
images:	

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Project number: SOU003492

No images
Comments:

Question #10	Answer
Is the waste container locked and scheduled for collection by the waste disposal company?	YES
images:	
No images	
Comments:	

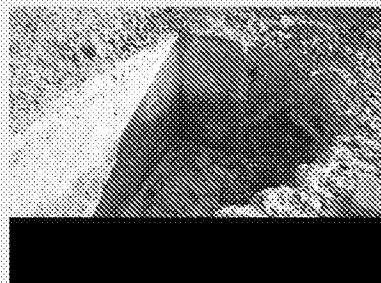
Question #11	Answer
Has the site been left secure and the client and Rhodar contract manager informed of your departure?	YES
images:	
No images	
Comments:	

Question #12	Answer
The above work area(s) have been thoroughly cleaned and visually inspected. There are no visible traces of dust or debris remaining and it is considered that the area(s) is/are suitable for reoccupation?	YES
images:	

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Comments:

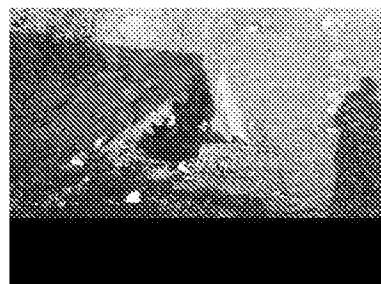
Question #13

Answer

The area has been inspected by an Independent consultant detailed below who has been employed by the client/Rhodar and a 4-stage clearance has been undertaken?

YES

images:



Comments:

Question #14

Answer

Photograph of 4 stage clearance attached?

NO

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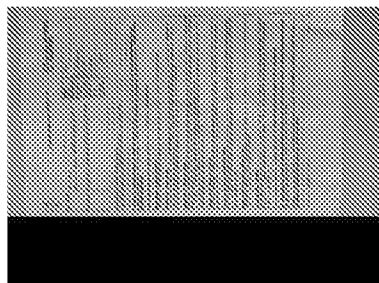
images:

No images

Comments:**Question #15****Answer**

Is the hygiene unit dry, free of visible dust and waste? Has a disturbance air test been completed?

YES

images:**Comments:****Question #16****Answer**

Do any asbestos materials remain in the work area, if so have they been encapsulated and made safe?

YES

images:

No images

Comments:

WATCH AND BRIEF TAKES PLACE TODAY AND ALL EARTH WILL GO AS HAZARDOUS AS A PRECAUTION

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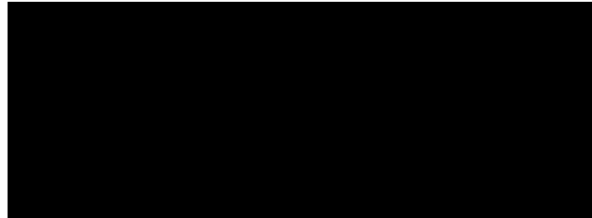
Contractor Declaration

Supervisor Name: David Harman

Company Name: RHODAR

Name: DAVE HARMAN

Signature:



Signature signed at: 12/11/2018 08:39:45 AM

ENCLOSURE B

**Copy of Rhodar Limited Report SOU003645 '*ASDA Ferring: Watching
Brief Site Pack*'
(16 pages)**

Rhodar Site Packs

Asda ferring - Watching Brief

Project Number

SOU003645

Start Date

Wed Jan 02 2019

End Date

Fri Jan 04 2019

Site Name

Littlehampton Road, Ferring BN12
6PN

Site Address

Asda ferring - Watching Brief

Location

Ferring

Region

Southern



Supervisors



Dominic Harris



Enclosures



There are no Enclosures yet!

Daily Entries



Fri Jan 04 2019



Dominic Harris
Supervisor



Questions



Take 30 Risk assesment

1

Q. Am I/ are we
trained and
competent to
undertake the
works?

A. yes

2

Q. Is the work
area safe and free
from any
additional hazards
not identified in
the RAMS?

A. yes

3

Q. If isolations are
required have we
had written
confirmation they
are in place?

A. yes

4

Q. Do we have the correct tools and equipment?

A. yes

5

Q. Is adequate welfare in place?

A. yes

6

Q. Is the correct RPE/PPE being worn?

A. yes

Site Diary Questions

1

Q. Have all Operatives been issued the correct PPE/RPE and have they completed their daily checks?

A. yes

Q. Has all plant and equipment

- 2 been inspected
before use?
A. yes
- 3 Q. Have the daily
DCU inspection
checks been
completed as per
the checklist in
the Essentials
folder in
Maas360?
A. na
- 4 Q. Have you
checked the H-
Type Vacs prior to
use and are
certificates in
date?
A. yes
- 5 Q. Have visual
checks of the
enclosures been
completed and
where applicable
AM/PM Dwyer
gauge readings
recorded in the
Project log?
A. na

6 Q. Mobile Tower
has been erected
to manufactures
instructions and is
in a safe location
and condition?
A. na

7 Q. Have you
checked the
visual condition of
the Fixed
Scaffolding?
A. na

8 Q. Has a
competent person
checked the
ladders/hop-ups?
A. na



Operatives



Henry Laker



Negative Pressure Unit Check



Thu Jan 03 2019



Dominic Harris
Supervisor



Questions



Take 30 Risk assesment

1

Q. Am I/ are we
trained and
competent to
undertake the
works?

A. yes

2

Q. Is the work
area safe and free
from any
additional hazards
not identified in
the RAMS?

A. yes

3

Q. If isolations are
required have we
had written

confirmation they
are in place?

A. na

4

Q. Do we have the
correct tools and
equipment?

A. yes

5

Q. Is adequate
welfare in place?

A. yes

6

Q. Is the correct
RPE/PPE being
worn?

A. yes

Site Diary Questions

1

Q. Have all
Operatives been
issued the correct
PPE/RPE and
have they
completed their
daily checks?

A. yes

- 2 Q. Has all plant and equipment been inspected before use?
A. yes
- 3 Q. Have the daily DCU inspection checks been completed as per the checklist in the Essentials folder in Maas360?
A. na
- 4 Q. Have you checked the H-Type Vacs prior to use and are certificates in date?
A. yes
- 5 Q. Have visual checks of the enclosures been completed and where applicable AM/PM Dwyer gauge readings

recorded in the
Project log?

A. na

6

Q. Mobile Tower
has been erected
to manufactures
instructions and is
in a safe location
and condition?

A. na

7

Q. Have you
checked the
visual condition of
the Fixed
Scaffolding?

A. na

8

Q. Has a
competent person
checked the
ladders/hop-ups?

A. na



Operatives





Henry Laker



Negative Pressure
Unit Check



Post Remediation Checklists

There are no PRCs yet!

Project Log



Dominic Harris
Fri Jan 04 2019 at 10:22:27

3rd lorry done. job completed. start to pack
away



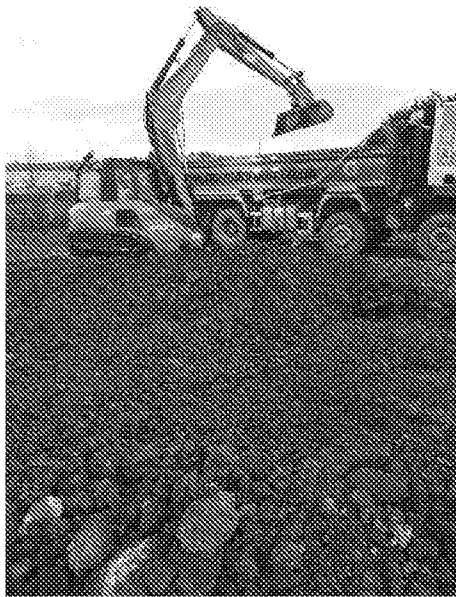
Dominic Harris
Fri Jan 04 2019 at 8:58:27

2nd lorry done. start the 3rd



Dominic Harris
Fri Jan 04 2019 at 8:14:11

1st done and off site. start to load the 2nd one



Dominic Harris
Fri Jan 04 2019 at 7:41:55

1st lorry in. start to load it





Dominic Harris

Fri Jan 04 2019 at 7:29:55

2 lorry's on site. just waiting to get the ok from site manager



Dominic Harris

Fri Jan 04 2019 at 7:15:53

first lorry on site. John starts to get ready to load it up



Dominic Harris

Fri Jan 04 2019 at 7:15:22

arrive on site and sign in



Dominic Harris

Thu Jan 03 2019 at 11:55:45

leave site



Dominic Harris

Thu Jan 03 2019 at 11:55:39

done as much as we can as the stock pile is
on what's left to dig. start to tidy up



Dominic Harris

Thu Jan 03 2019 at 10:40:1

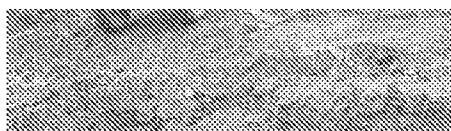
first hole completed and site manager happy.
start on next hole



Dominic Harris

Thu Jan 03 2019 at 10:12:42

hit virgin ground start to neaten the hole





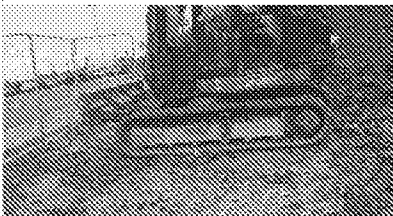
Dominic Harris
Thu Jan 03 2019 at 9:33:42

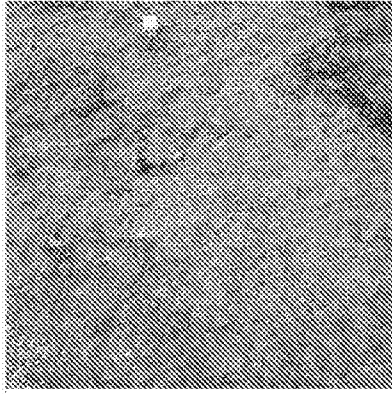
good progress being made



Dominic Harris
Thu Jan 03 2019 at 9:22:8

area marked up for us. set up segregation zone





Dominic Harris

Thu Jan 03 2019 at 9:9:20

area to be dug



Dominic Harris

Thu Jan 03 2019 at 9:5:38

site induction completed. go out onto site to have a look at works that needs to be done



Dominic Harris

Thu Jan 03 2019 at 8:41:11

sit the site induction

Dominic Harris

Thu Jan 03 2019 at 8:4:16

arrive on site and meet with site manager

Smoke Tests

There are no SmokeTests yet!

BACK

ENCLOSURE C

**Copies of air monitoring certificates produced by Environmental
Essentials
(84 pages)**



2719

AIR MONITORING TEST REPORT



Client Details	ASDA Stores Ltd	Project Number:	P-310908
	ASDA House, Southbank, Great Wilson Street, Leeds, LS11 5AD	Shift Number:	1
		Certificate Number:	20181022/SPA/001
Site Address	Ferring (4792), Littlehampton Road, Ferring, Worthing, BN12 6PN	Issued Date:	22/10/2018
		Issued by (print):	Simon Pratt
		Issued by (signature):	

Environmental Essentials' Issuing Laboratory

Lab L6, Unit C Faraday Court, Faraday Road, Crawley, West Sussex, RH10 9PU

Four stage site clearance procedures, air monitoring and fibre counting are undertaken in accordance with Environmental Essentials' in-house procedures which are based on the methodologies specified within HSE document HSG 248 Asbestos: The analysts' guide for sampling, analysis and clearance procedures.

All air tests will have one of the following suffix codes which will indicate the purpose of the test:

Sample Type B – Background Testing.

This testing is undertaken to establish a background level of airborne fibres prior to any remediation works being carried out.

Sample Type L – Leak Testing.

This testing is undertaken during works involving asbestos around the perimeter of a 'live' removal enclosure, in order to assess the effectiveness of control measures in place in particular the enclosure itself. Usually a sample of at least 480 litres of air will be taken, however shorter sampling periods or "pooled" sampling strategies may be adopted if the analyst suspects an enclosure breach, for example.

Sample Type C – Clearance Testing.

This testing is undertaken following the removal or encapsulation of asbestos materials within an enclosure in order to ascertain the quantification of airborne fibres compared with the clearance indicator level of 0.01 f/ml. At least 480 litres of air must be taken per sample. A clearance test will also be undertaken when assessing the suitability of a decontamination unit following completion of works.

For an area to be deemed as suitable for normal occupancy following asbestos remediation, at least 80% of the air test results must be below the clearance indicator level, whilst all results must be below 0.015 f/ml.

Sample Type R – Reassurance Testing.

This testing is undertaken in certain circumstances to confirm that airborne fibre levels are below 0.01 f/ml. For example, following the removal of an asbestos removal enclosure or as an assessment of an area for continued normal occupancy. At least 480 litres of air must be taken per sample.

Sample Type A – Personal Assessment Testing.

This testing will be undertaken during abatement works involving asbestos in order to assess the suitability of the respiratory protective equipment being used and also the effectiveness of the dust suppression methods in place. At least 40 litres of air must be sampled and the quantification limit will be calculated accordingly.

Sample Type P – Personal Compliance Testing.

This testing is undertaken in order to assess whether or not personal exposures are in compliance with the 4-hour Control Limit as defined within the ACOP L143 – Control of Asbestos Regulations (CAR) 2012.

Sample Type FB – Field Blank.

Field blanks are generated from satisfactory filter batches and treated in the same way as filters used for air sampling but without any air being drawn through them. In the event of elevated fibre counts on air samples, a field blank will be counted in order to exclude the possibility of contamination causing the elevated fibre count.

This test report may not be reproduced other than in full, except with the prior written approval of the issuing laboratory.

Air sampling and fibre counting fall within Environmental Essentials' scope of UKAS accreditation however, opinions and interpretations that may be expressed within this report are outside the scope of UKAS accreditation.

Certificate of cleanliness following works with non-licensed materials which may have been undertaken and witnessed as part of this project are not covered by Environmental Essentials' scope of UKAS accreditation.



2719

AIR MONITORING TEST CERTIFICATE



Client Name and Address:	ASDA Stores Ltd, ASDA House, Southbank, Great Wilson Street, Leeds, LS11 5AD	Project Number:	P-310908
Site Address:	Ferring (4792), Littlehampton Road, Ferring, Worthing, BN12 6PN	Date:	22/10/2018
Work Location:	Asda Ferring PFS	Certificate Number:	20181022/SPA/001

Microscope No:	M9	NPL Test Slide	3105	Stage Micrometer:	SM9	Timepiece:	DB33
Testing Kit No:	N/A	Test band observed:	5	Graticule Diameter(μm):	100.0	Exposed filter diameter:	22.0
Flow meter:	F14a	Barometer/Thermometer:	DB33	Pressure (mb):	1056	Temperature (°C):	15

Sample Number	Sample Type	Pump No	Cowl No	Sample Location	Sampling Times		Duration (mins)	Flow Rates (l/min)		Mean Flow Rate (l/min)	Sample Volume (litres)	Fibres Counted	Graticule Fields	LoQ* (f/ml)	Calculated Result (f/ml)	Reported Result (f/ml)
					Start	Finish		Start	Finish							
001	A	P96	001	On digger driver:- Dave Cole. during excavation	10:44	12:24	100	2.0	2.0	2.00	200	3.0	100	0.05	0.0073	< 0.048
002	R	P8	232	Right hand side of car park next to public footpath	10:50	12:50	120	4.0	4.0	4.00	480	1.5	200	0.010	0.0008	< 0.01
003	R	P87	236	Opposite open top waste skips Unreadable sample.	10:50	12:50	120	4.0	4.0	4.00	480	-	-	-	-	-
004	R	P19	24	Back of site car park along public footpath.	10:54	12:56	122	4.0	4.0	4.00	488	0.5	188	0.010	0.0003	< 0.01
005	A	P96	001	On operative :- Brett Hemmings. while digger in operation.	13:20	15:00	100	2.0	2.0	2.00	200	0.5	100	0.05	0.0012	< 0.048
006	R	P217	115	Middle of site	13:34	15:34	120	4.0	4.0	4.00	480	2.5	200	0.010	0.0013	< 0.01
007	R	P87	24	Middle of car park	13:36	15:37	121	4.0	4.0	4.00	484	0.5	189	0.010	0.0003	< 0.01
008	R	P8	235	Site entrance	13:38	15:38	120	4.0	4.0	4.00	480	1.5	200	0.010	0.0008	< 0.01
009	R	P19	286	Next to trench.	13:40	15:41	121	4.0	4.0	4.00	484	3.0	189	0.010	0.0016	< 0.01
010	FB	-	FB01	001 R	-	-	-	-	-	-	-	Not Counted	Not Counted	-	-	-

*LoQ = Limit of quantification

Comments: Reassurance air monitoring carried out in and around site during site prep for scaffolding and enclosure build. Results satisfactory below limit of quantification <0.01. Personal air monitoring carried out on operatives while operating digger and operative working on the ground, both wearing half mask and type 5 suit.																
Analyst(s) (print):	Simon Pratt	Signature(s):										Date:	22/10/2018 16:05			

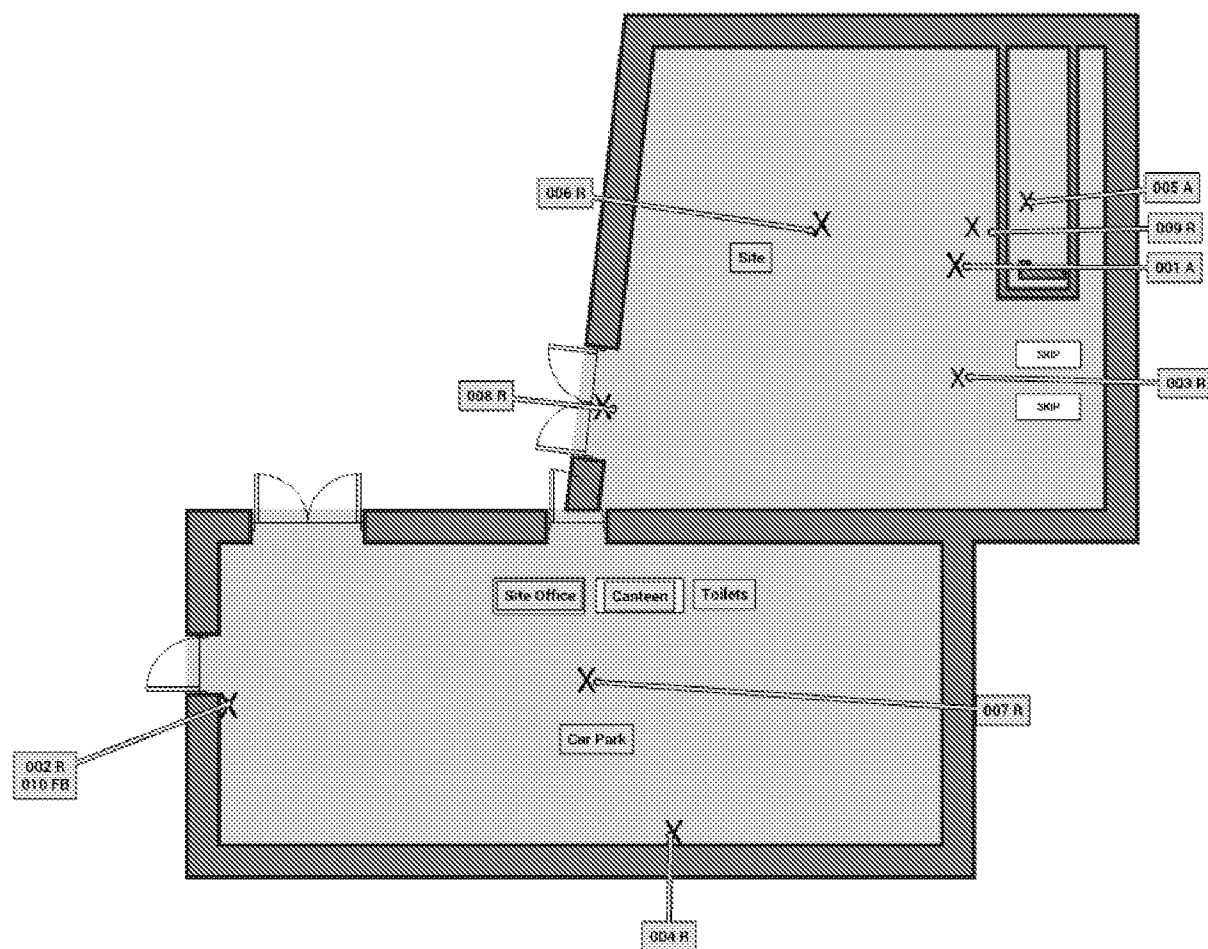
Quality Doc No: M/Doc19 - 8 - 30/06/18

Page No: 2 of 2

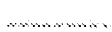
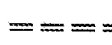
SITE LAYOUT

Client Name and Address:	ASDA Stores Ltd, ASDA House, Southbank, Great Wilson Street, Leeds, LS11 5AD	Project Number:	P-310908
Site Address:	Ferring (4792), Littlehampton Road, Ferring, Worthing, BN12 6PN	Certificate Number:	20181022/SPA/001

NB DIAGRAM FOR CERTIFICATE OF RE-OCCUPATION MUST BE INCLUSIVE OF APPROXIMATE ENCLOSURE DIMENSIONS



KEY FOR DIAGRAM

	Air Locks		Polythene Sheeting		Waste Skip		Viewing Panels
	Negative Pressure Unit		Flexible ducting		Asbestos Contractor Vehicle		Asbestos remaining
	Transit Route		Decontamination Unit		Sample Locations		

This diagram is only representative of the site layout and is not drawn to scale.

Analyst Name(s):	Simon Pratt	ARC Supervisor Name:	N/A	Date:	22/10/2018
Analyst Signature(s):		ARC Supervisor Signature:	N/A		

Quality Doc No: M/Doc73 - 4 - 041018

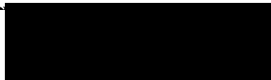
Page No: 1 of 1



2719

AIR MONITORING TEST REPORT



Client Details	ASDA Stores Ltd	Project Number:	P-310908
	ASDA House, Southbank, Great Wilson Street, Leeds, LS11 5AD	Shift Number:	2
		Certificate Number:	20181023/SPA/001
Site Address	Ferring (4792), Littlehampton Road, Ferring, Worthing, BN12 6PN	Issued Date:	23/10/2018
		Issued by (print):	Simon Pratt
		Issued by (signature):	

Environmental Essentials' Issuing Laboratory

Lab L6, Unit C Faraday Court, Faraday Road, Crawley, West Sussex, RH10 9PU

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Sample Type C – Clearance Testing.

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For an area to be deemed as suitable for normal occupancy following asbestos remediation, at least 80% of the air test results must be below the clearance indicator level, whilst all results must be below 0.015 f/ml.

Sample Type R – Reassurance Testing.

This testing is undertaken in certain circumstances to confirm that airborne fibre levels are below 0.01 f/ml. For example, following the removal of an asbestos removal enclosure or as an assessment of an area for continued normal occupancy. At least 480 litres of air must be taken per sample.

Sample Type A – Personal Assessment Testing.

This testing will be undertaken during abatement works involving asbestos in order to assess the suitability of the respiratory protective equipment being used and also the effectiveness of the dust suppression methods in place. At least 40 litres of air must be sampled and the quantification limit will be calculated accordingly.

Sample Type P – Personal Compliance Testing.

This testing is undertaken in order to assess whether or not personal exposures are in compliance with the 4-hour Control Limit as defined within the ACOP L143 – Control of Asbestos Regulations (CAR) 2012.

Sample Type FB – Field Blank.

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AIR MONITORING TEST CERTIFICATE



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Site Address:	Ferring (4792), Littlehampton Road, Ferring, Worthing, BN12 6PN	Date:	23/10/2018
Work Location:	Asda Ferring PFS	Certificate Number:	20181023/SPA/001

Microscope No:	M9	NPL Test Slide	3105	Stage Micrometer:	SM9	Timepiece:	DB33
Testing Kit No:	N/A	Test band observed:	5	Graticule Diameter(μm):	100.0	Exposed filter diameter:	22.0
Flow meter:	F14a	Barometer/Thermometer:	DB33	Pressure (mb):	1049	Temperature (°C):	16

Sample Number	Sample Type	Pump No	Cowl No	Sample Location	Sampling Times		Duration (mins)	Flow Rates (l/min)		Mean Flow Rate (l/min)	Sample Volume (litres)	Fibres Counted	Graticule Fields	LoQ* (f/ml)	Calculated Result (f/ml)	Reported Result (f/ml)
					Start	Finish		Start	Finish							
001	R	P87	115	Opposite skip within working area	09:05	11:06	121	4.0	4.0	4.00	484	2.0	189	0.010	0.0011	< 0.01
002	R	P8	232	Right hand side of site car park next public footpath	09:07	11:07	120	4.0	4.0	4.00	480	1.0	200	0.010	0.0005	< 0.01
003	R	P217	286	Rear of site car park next to public footpath	09:08	11:09	121	4.0	4.0	4.00	484	0	189	0.010	0.0000	< 0.01
004	R	P19	24	Next to site entrance	09:10	11:11	121	4.0	4.0	4.00	484	1.5	189	0.010	0.0008	< 0.01
005	A	P96	01	On operative :- Brett Hemmings during hand dig to expose top of wall	10:18	10:40	22	2.0	2.0	2.00	44	0.5	100	0.22	0.0055	< 0.218
006	R	P87	235	Opposite waste skips	12:01	14:02	121	4.0	4.0	4.00	484	1.5	189	0.010	0.0008	< 0.01
007	R	P8	8E7	Right hand side of site car park	12:03	14:05	122	4.0	4.0	4.00	488	1.0	188	0.010	0.0005	< 0.01
008	R	P217	24	Rear of site car park	12:10	14:10	120	4.0	4.0	4.00	480	0.5	200	0.010	0.0003	< 0.01
004	R	P19	115	Site entrance	12:11	14:13	122	4.0	4.0	4.00	488	1.0	188	0.010	0.0005	< 0.01
010	FB	-	FB01	001 R	-	-	-	-	-	-	-	Not Counted	Not Counted	-	-	-

*LoQ = Limit of quantification

Comments:																
Reassurance air monitoring carried to determine airborne fibre concentration of site around trench. Results satisfactory below limit of quantification <0.01.																
Personal air monitoring carried out on operative during hand pick and trench, wearing half mask and type 5 suit.																
Analyst(s) (print):	Simon Pratt	Signature(s):													Date:	23/10/2018 14:28

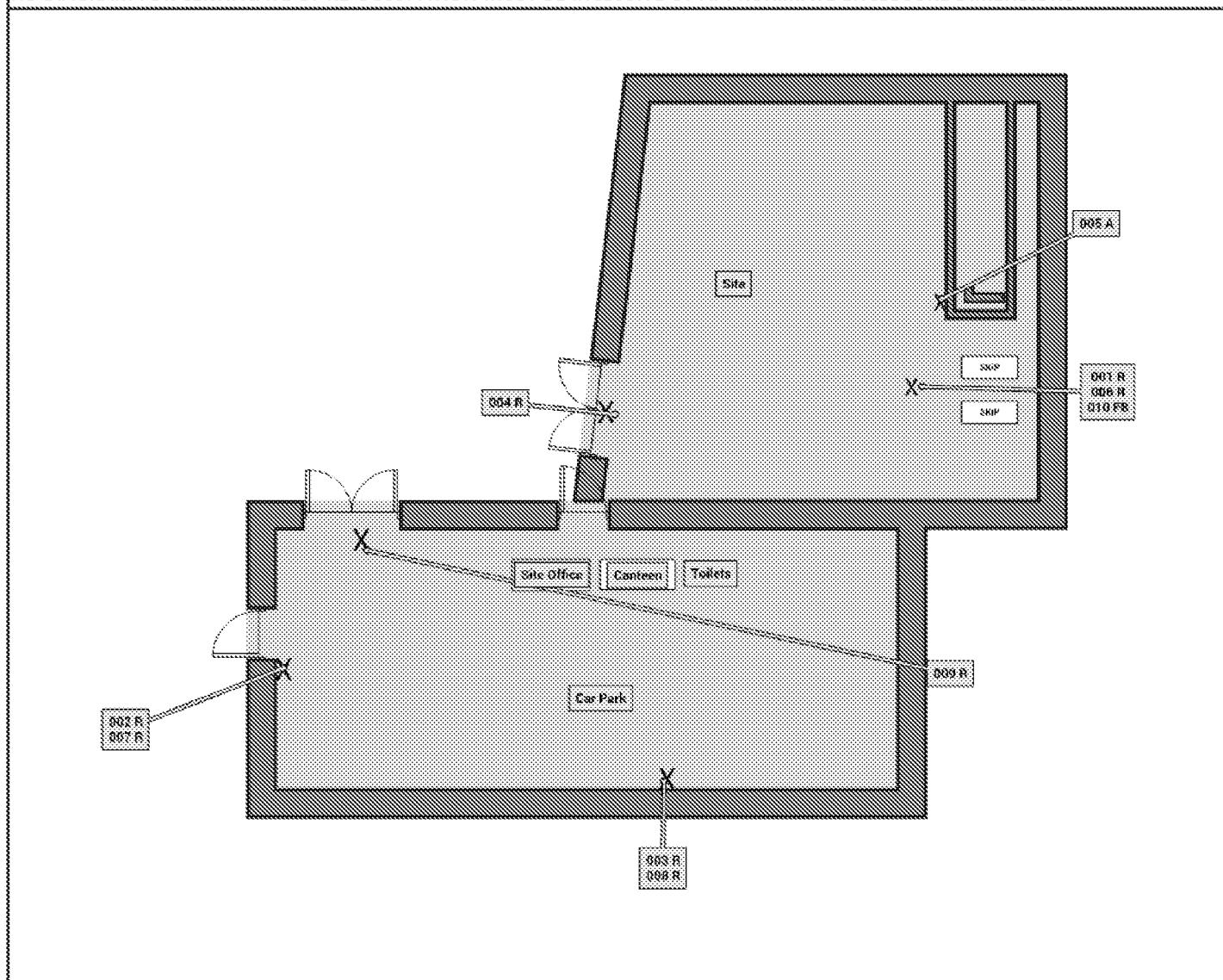
Quality Doc No: M/Doc19 - 8 - 30/06/18

Page No: 2 of 2

SITE LAYOUT

Client Name and Address:	ASDA Stores Ltd, ASDA House, Southbank, Great Wilson Street, Leeds, LS11 5AD	Project Number:	P-310908
Site Address:	Ferring (4792), Littlehampton Road, Ferring, Worthing, BN12 6PN	Certificate Number:	20181023/SPA/001

NB DIAGRAM FOR CERTIFICATE OF RE-OCCUPATION MUST BE INCLUSIVE OF APPROXIMATE ENCLOSURE DIMENSIONS



KEY FOR DIAGRAM

	Air Locks		Polythene Sheeting		Waste Skip		Viewing Panels
	Negative Pressure Unit		Flexible ducting		Asbestos Contractor Vehicle		Asbestos remaining
	Transit Route		Decontamination Unit		Sample Locations		

This diagram is only representative of the site layout and is not drawn to scale.

Analyst Name(s):	Simon Pratt	ARC Supervisor Name:	N/A	Date:	23/10/2018
Analyst Signature(s):		ARC Supervisor Signature:	N/A		

Quality Doc No: M/Doc73 - 4 - 041018

Page No: 1 of 1



2719

AIR MONITORING TEST REPORT



Client Details	ASDA Stores Ltd	Project Number:	P-310908
	ASDA House, Southbank, Great Wilson Street, Leeds, LS11 5AD	Shift Number:	3
		Certificate Number:	20181024/SPA/001
Site Address	Ferring (4792), Littlehampton Road, Ferring, Worthing, BN12 6PN	Issued Date:	24/10/2018
		Issued by (print):	Simon Pratt
		Issued by (signature):	

Environmental Essentials' Issuing Laboratory

Lab L6, Unit C Faraday Court, Faraday Road, Crawley, West Sussex, RH10 9PU

Four stage site clearance procedures, air monitoring and fibre counting are undertaken in accordance with Environmental Essentials' in-house procedures which are based on the methodologies specified within HSE document HSG 248 Asbestos: The analysts' guide for sampling, analysis and clearance procedures.

All air tests will have one of the following suffix codes which will indicate the purpose of the test:

Sample Type B – Background Testing.

This testing is undertaken to establish a background level of airborne fibres prior to any remediation works being carried out.

Sample Type L – Leak Testing.

This testing is undertaken during works involving asbestos around the perimeter of a 'live' removal enclosure, in order to assess the effectiveness of control measures in place in particular the enclosure itself. Usually a sample of at least 480 litres of air will be taken, however shorter sampling periods or "pooled" sampling strategies may be adopted if the analyst suspects an enclosure breach, for example.

Sample Type C – Clearance Testing.

This testing is undertaken following the removal or encapsulation of asbestos materials within an enclosure in order to ascertain the quantification of airborne fibres compared with the clearance indicator level of 0.01 f/ml. At least 480 litres of air must be taken per sample. A clearance test will also be undertaken when assessing the suitability of a decontamination unit following completion of works.

For an area to be deemed as suitable for normal occupancy following asbestos remediation, at least 80% of the air test results must be below the clearance indicator level, whilst all results must be below 0.015 f/ml.

Sample Type R – Reassurance Testing.

This testing is undertaken in certain circumstances to confirm that airborne fibre levels are below 0.01 f/ml. For example, following the removal of an asbestos removal enclosure or as an assessment of an area for continued normal occupancy. At least 480 litres of air must be taken per sample.

Sample Type A – Personal Assessment Testing.

This testing will be undertaken during abatement works involving asbestos in order to assess the suitability of the respiratory protective equipment being used and also the effectiveness of the dust suppression methods in place. At least 40 litres of air must be sampled and the quantification limit will be calculated accordingly.

Sample Type P – Personal Compliance Testing.

This testing is undertaken in order to assess whether or not personal exposures are in compliance with the 4-hour Control Limit as defined within the ACOP L143 – Control of Asbestos Regulations (CAR) 2012.

Sample Type FB – Field Blank.

Field blanks are generated from satisfactory filter batches and treated in the same way as filters used for air sampling but without any air being drawn through them. In the event of elevated fibre counts on air samples, a field blank will be counted in order to exclude the possibility of contamination causing the elevated fibre count.

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Certificate of cleanliness following works with non-licensed materials which may have been undertaken and witnessed as part of this project are not covered by Environmental Essentials' scope of UKAS accreditation.



2719

AIR MONITORING TEST CERTIFICATE



Client Name and Address:	ASDA Stores Ltd, ASDA House, Southbank, Great Wilson Street, Leeds, LS11 5AD	Project Number:	P-310908
Site Address:	Ferring (4792), Littlehampton Road, Ferring, Worthing, BN12 6PN	Date:	24/10/2018
Work Location:	Asda Ferring PFS	Certificate Number:	20181024/SPA/001

Microscope No:	M9	NPL Test Slide	3105	Stage Micrometer:	SM9	Timepiece:	DB33
Testing Kit No:	N/A	Test band observed:	5	Graticule Diameter(μm):	100.0	Exposed filter diameter:	22.0
Flow meter:	F14a	Barometer/Thermometer:	DB33	Pressure (mb):	1046	Temperature (°C):	23

Sample Number	Sample Type	Pump No	Cowl No	Sample Location	Sampling Times		Duration (mins)	Flow Rates (l/min)		Mean Flow Rate (l/min)	Sample Volume (litres)	Fibres Counted	Graticule Fields	LoQ* (f/ml)	Calculated Result (f/ml)	Reported Result (f/ml)
					Start	Finish		Start	Finish							
001	R	P19	115	Rear of site car park next to public footpath	08:17	10:19	122	4.0	4.0	4.00	488	0	188	0.010	0.0000	< 0.01
002	R	P87	24	Right side of site car park next to public footpath	08:19	10:20	121	4.0	4.0	4.00	484	1.5	189	0.010	0.0008	< 0.01
003	R	P217	232	Next to skips	08:20	10:23	123	4.0	4.0	4.00	492	1.5	186	0.010	0.0008	< 0.01
004	R	P8	286	opposite trench within site.	08:21	10:23	122	4.0	4.0	4.00	488	3.0	188	0.010	0.0016	< 0.01
005	FB	-	FB01	001 R	-	-	-	-	-	-	-	Not Counted	Not Counted	-	-	-
006	A	P96	232	On operative:- B. Hemmings during hand digging through soil to expose brick wall within excavation to reveal top of wall. Half mask worn and type 5 suit.	10:36	11:21	45	2.0	2.0	2.00	90	3.5	100	0.11	0.0188	< 0.107
007	R	P19	286	Rear of site car park next to public footpath	12:58	15:00	122	4.0	4.0	4.00	488	1.5	188	0.010	0.0008	< 0.01
008	R	P87	8E7	Right side of site car park next to public footpath	12:59	15:01	122	4.0	4.0	4.00	488	0.5	188	0.010	0.0003	< 0.01

*LoQ = Limit of quantification

Comments:
Reassurance air monitoring carried out in various locations around site during set up works. Results satisfactory below limit of quantification <0.01 Personal air monitoring carried out on operative during removal of soil to expose top of wall.

Analyst(s) (print):	Simon Pratt	Signature(s):		Date:	24/10/2018 16:00
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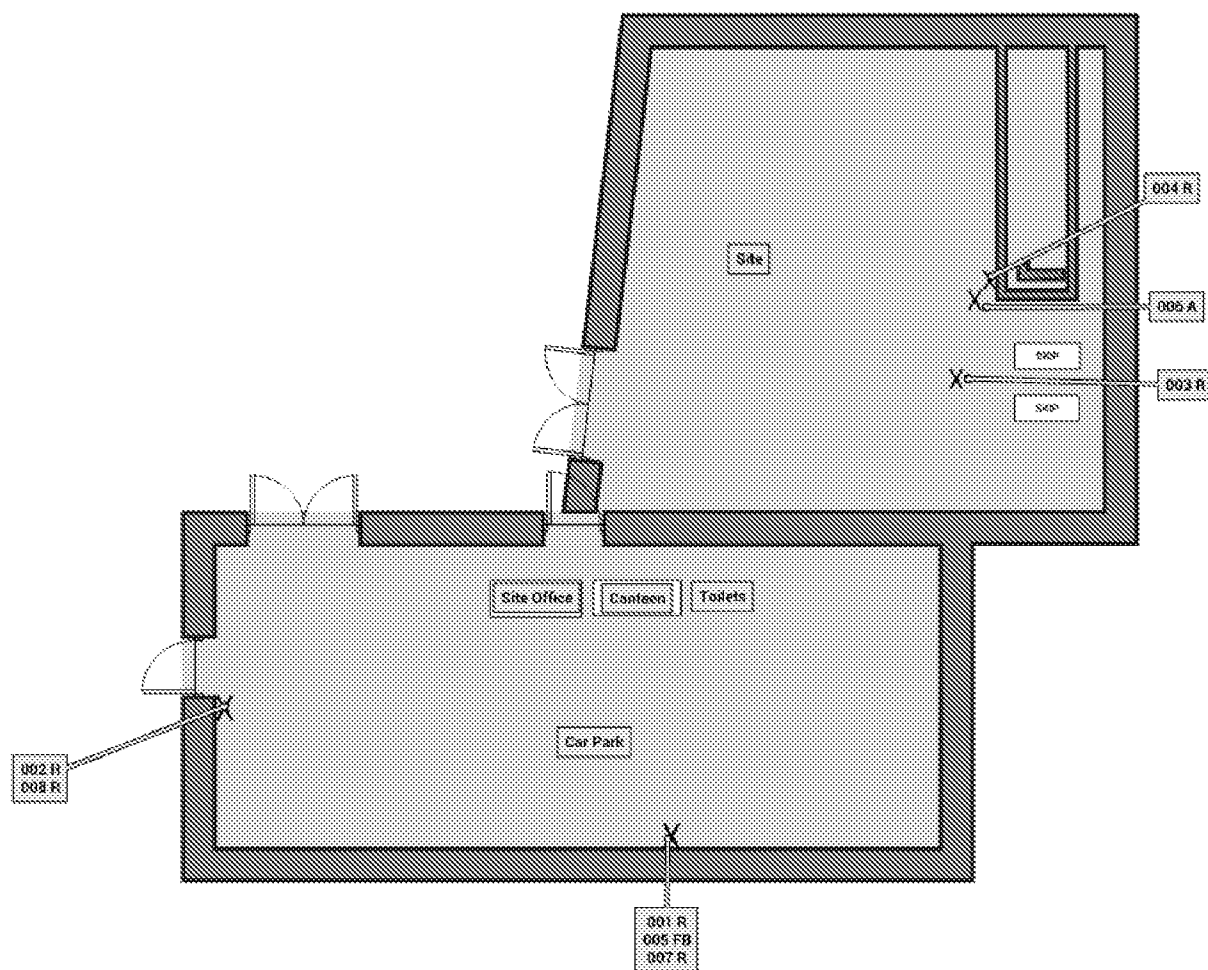
Quality Doc No: M/Doc19 - 8 - 30/06/18

Page No: 2 of 2

SITE LAYOUT

Client Name and Address:	ASDA Stores Ltd, ASDA House, Southbank, Great Wilson Street, Leeds, LS11 5AD	Project Number:	P-310908
Site Address:	Ferring (4792), Littlehampton Road, Ferring, Worthing, BN12 6PN	Certificate Number:	20181024/SPA/001

NB DIAGRAM FOR CERTIFICATE OF RE-OCCUPATION MUST BE INCLUSIVE OF APPROXIMATE ENCLOSURE DIMENSIONS



KEY FOR DIAGRAM

	Air Locks		Polythene Sheeting		Waste Skip		Viewing Panels
	Negative Pressure Unit		Flexible ducting		Asbestos Contractor Vehicle		Asbestos remaining
	Transit Route		Decontamination Unit		Sample Locations		

This diagram is only representative of the site layout and is not drawn to scale.

Analyst Name(s):	Simon Pratt	ARC Supervisor Name:	N/A	Date:	24/10/2018
Analyst Signature(s):		Supervisor Signature:	N/A		

Quality Doc No: M/Doc73 - 4 - 041018

Page No: 1 of 1



2719

<%RelIssueNotes%>

AIR MONITORING TEST CERTIFICATE



Client Details	ASDA Stores Ltd	Project Number:	P-310908
	ASDA House, Southbank, Great Wilson Street, Leeds, LS11 5AD	Shift Number:	1
Site Address	Ferring (4792), Littlehampton Road, Ferring, Worthing, BN12 6PN	Certificate Number:	20181024/SPA/002
		Issued Date:	24/10/2018
		Issued by (print):	Simon P. [REDACTED]
		Issued by (signature):	[REDACTED]

Environmental Essentials' Issuing Laboratory

Lab L6, Unit C Faraday Court, Faraday Road, Crawley, West Sussex, RH10 9PU

Four stage site clearance procedures, air monitoring and fibre counting are undertaken in accordance with Environmental Essentials' in-house procedures which are based on the methodologies specified within HSE document HSG 248 Asbestos: The analysts' guide for sampling, analysis and clearance procedures.

All air tests will have one of the following suffix codes which will indicate the purpose of the test:

Sample Type B – Background Testing.

This testing is undertaken to establish a background level of airborne fibres prior to any remediation works being carried out.

Sample Type L – Leak Testing.

This testing is undertaken during works involving asbestos around the perimeter of a 'live' removal enclosure, in order to assess the effectiveness of control measures in place in particular the enclosure itself. Usually a sample of at least 480 litres of air will be taken, however shorter sampling periods or "pooled" sampling strategies may be adopted if the analyst suspects an enclosure breach, for example.

Sample Type C – Clearance Testing.

This testing is undertaken following the removal or encapsulation of asbestos materials within an enclosure in order to ascertain the quantification of airborne fibres compared with the clearance indicator level of 0.01 f/ml. At least 480 litres of air must be taken per sample. A clearance test will also be undertaken when assessing the suitability of a decontamination unit following completion of works.

For an area to be deemed as suitable for normal occupancy following asbestos remediation, at least 80% of the air test results must be below the clearance indicator level, whilst all results must be below 0.015 f/ml.

Sample Type R – Reassurance Testing.

This testing is undertaken in certain circumstances to confirm that airborne fibre levels are below 0.01 f/ml. For example, following the removal of an asbestos removal enclosure or as an assessment of an area for continued normal occupancy. At least 480 litres of air must be taken per sample.

Sample Type A – Personal Assessment Testing.

This testing will be undertaken during abatement works involving asbestos in order to assess the suitability of the respiratory protective equipment being used and also the effectiveness of the dust suppression methods in place. At least 40 litres of air must be sampled and the quantification limit will be calculated accordingly.

Sample Type P – Personal Compliance Testing.

This testing is undertaken in order to assess whether or not personal exposures are in compliance with the 4-hour Control Limit as defined within the ACOP L143 – Control of Asbestos Regulations (CAR) 2012.

Sample Type FB – Field Blank.

Field blanks are generated from satisfactory filter batches and treated in the same way as filters used for air sampling but without any air being drawn through them. In the event of elevated fibre counts on air samples, a field blank will be counted in order to exclude the possibility of contamination causing the elevated fibre count.

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Air sampling and fibre counting fall within Environmental Essentials' scope of UKAS accreditation however, opinions and interpretations that may be expressed within this report are outside the scope of UKAS accreditation.

Certificate of cleanliness following works with non-licensed materials which may have been undertaken and witnessed as part of this project are not covered by Environmental Essentials' scope of UKAS accreditation.

**CERTIFICATE OF CLEANLINESS FOLLOWING WORKS WITH NON LICENSED
ASBESTOS CONTAINING MATERIALS**



Client:	ASDA Stores Ltd ASDA House, Southbank, Great Wilson Street, Leeds, LS11 5AD	Project Number:	P-310908
Site Address:	Ferring (4792), Littlehampton Road, Ferring, Worthing, BN12 6PN	Certificate Number:	20181024/SPA/002
Description of work: (include reference to any potential ACM's being retained)	Precautionary environmental clean of cab and scoop of JCB 8025 ZTS digger following on site use within potential contaminated area.	Date:	24/10/2018
		Inspecting Analyst:	Simon Pratt
Work location:	Asda Ferring PFS		
Contractor Responsible for the work:	RHODAR LIMITED UNIT C ASTRA PARK, PARKSIDE LANE, LEEDS, WEST YORKSHIRE, LS11 5SZ	Supervisor Name:	Dave Harman

Comments:
Scoop clean as far as practically possible. No visible dust or debris remains within cab.

DECLARATION:

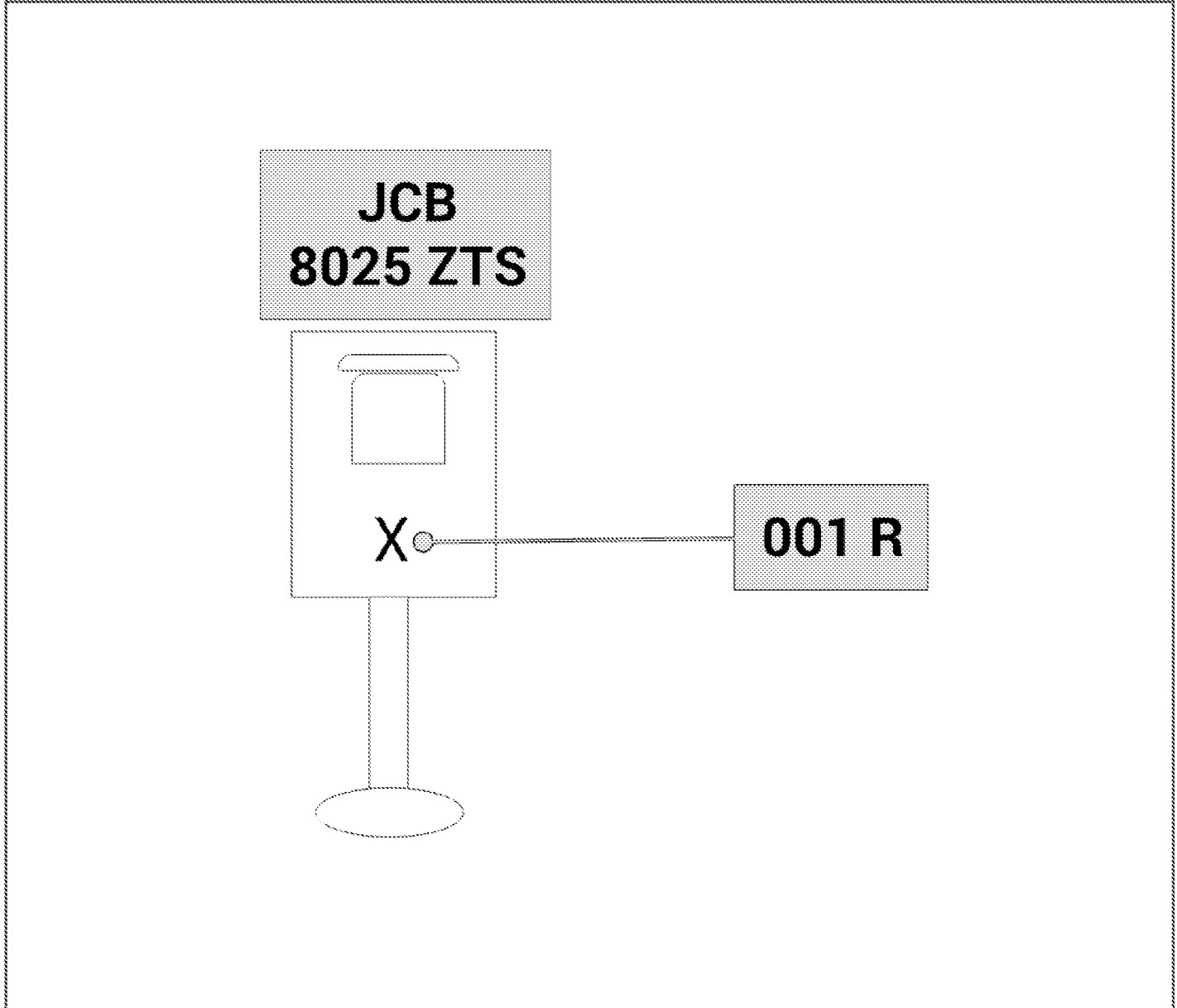
I can confirm that the work has been undertaken in accordance with the plan of work and following a thorough visual inspection that all visual traces of dust and debris created during the works have been removed.

Inspecting Analyst	Contractor Supervisor	
Analyst Name(s): Simon Pratt	Analyst: [REDACTED]	Date and time: 24-10-2018 16:00
ARC Supervisor Name: Dave Harman	ARC: [REDACTED]	

SITE LAYOUT

Client Name and Address:	ASDA Stores Ltd, ASDA House, Southbank, Great Wilson Street, Leeds, LS11 5AD	Project Number:	P-310908
Site Address:	Ferring (4792), Littlehampton Road, Ferring, Worthing, BN12 6PN	Certificate Number:	20181024/SPA/002

NB DIAGRAM FOR CERTIFICATE OF RE-OCCUPATION MUST BE INCLUSIVE OF APPROXIMATE ENCLOSURE DIMENSIONS



KEY FOR DIAGRAM

	Air Locks		Polythene Sheeting		Waste Skip		Viewing Panels
	Negative Pressure Unit		Flexible ducting		Asbestos Contractor Vehicle		Asbestos remaining
	Transit Route		Decontamination Unit		Sample Locations		

This diagram is only representative of the site layout and is not drawn to scale.

Analyst Name(s):	Simon [REDACTED]	ARC Supervisor Name:	David [REDACTED]	Date: 24-10-2018 16:00
Analyst Signature(s):	[REDACTED]	ARC Supervisor Signature:	[REDACTED]	



2719

AIR MONITORING TEST CERTIFICATE



Client Name and Address:	ASDA Stores Ltd, ASDA House, Southbank, Great Wilson Street, Leeds, LS11 5AD	Project Number:	P-310908
Site Address:	Ferring (4792), Littlehampton Road, Ferring, Worthing, BN12 6PN	Date:	24/10/2018
Work Location:	Asda Ferring PFS	Certificate Number:	20181024/SPA/002

Microscope No:	M9	NPL Test Slide	3105	Stage Micrometer:	SM9	Timepiece:	DB33
Testing Kit No:	N/A	Test band observed:	5	Graticule Diameter(μm):	100.0	Exposed filter diameter:	22.0
Flow meter:	F14a	Barometer/Thermometer:	DB33	Pressure (mb):	1046	Temperature (°C):	21

Sample Number	Sample Type	Pump No	Cowl No	Sample Location	Sampling Times		Duration (mins)	Flow Rates (l/min)		Mean Flow Rate (l/min)	Sample Volume (litres)	Fibres Counted	Graticule Fields	LoQ* (f/ml)	Calculated Result (f/ml)	Reported Result (f/ml)
					Start	Finish		Start	Finish							
001	R	P217	24	Cab	13:10	13:50	40	12.0	12.0	12.00	480	1.0	200	0.010	0.0005	< 0.01

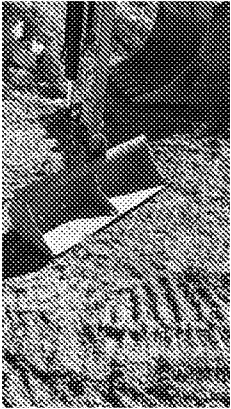
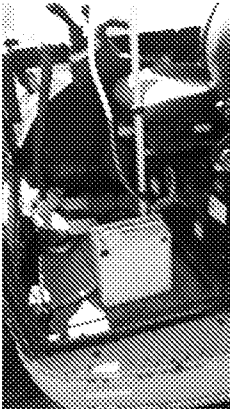
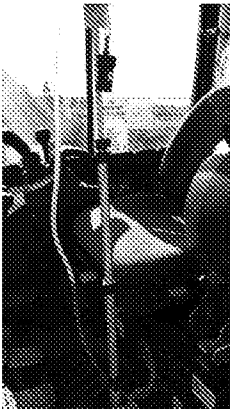
*LoQ = Limit of quantification

Comments: Reassurance air monitoring carried out within cab of JCB digger 8025 ZTS, following precautionary environmental clean following on site use within possible contaminated area. Results satisfactory below limit of quantification <0.01																
Analyst(s) (print):	Simon Pratt	Signature(s):											Date:	24-10-2018 16:00		

Quality Doc No: M/Doc19 - 8 - 30/06/18

Page No: 4 of 5

PHOTOGRAPH APPENDIX

Project Number:	P-310908	Certificate Number:	20181024/SPA/002	Analyst Name:	Simon Pratt
		Scoop JCB 0825 ZTS			
		Cab JCB 0825 ZTS			
		Cab JCB 0825 ZTS			



2719

<%RelIssueNotes%>

AIR MONITORING TEST CERTIFICATE



Client Details	ASDA Stores Ltd	Project Number:	P-310908
	ASDA House, Southbank, Great Wilson Street, Leeds, LS11 5AD	Shift Number:	2
		Certificate Number:	20181024/SPA/003
Site Address	Ferring (4792), Littlehampton Road, Ferring, Worthing, BN12 6PN	Issued Date:	24/10/2018
		Issued by (print):	Simon Pratt
		Issued by (signature):	

Environmental Essentials' Issuing Laboratory

Lab L6, Unit C Faraday Court, Faraday Road, Crawley, West Sussex, RH10 9PU

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Sample Type L – Leak Testing.

This testing is undertaken during works involving asbestos around the perimeter of a 'live' removal enclosure, in order to assess the effectiveness of control measures in place in particular the enclosure itself. Usually a sample of at least 480 litres of air will be taken, however shorter sampling periods or "pooled" sampling strategies may be adopted if the analyst suspects an enclosure breach, for example.

Sample Type C – Clearance Testing.

This testing is undertaken following the removal or encapsulation of asbestos materials within an enclosure in order to ascertain the quantification of airborne fibres compared with the clearance indicator level of 0.01 f/ml. At least 480 litres of air must be taken per sample. A clearance test will also be undertaken when assessing the suitability of a decontamination unit following completion of works.

For an area to be deemed as suitable for normal occupancy following asbestos remediation, at least 80% of the air test results must be below the clearance indicator level, whilst all results must be below 0.015 f/ml.

Sample Type R – Reassurance Testing.

This testing is undertaken in certain circumstances to confirm that airborne fibre levels are below 0.01 f/ml. For example, following the removal of an asbestos removal enclosure or as an assessment of an area for continued normal occupancy. At least 480 litres of air must be taken per sample.

Sample Type A – Personal Assessment Testing.

This testing will be undertaken during abatement works involving asbestos in order to assess the suitability of the respiratory protective equipment being used and also the effectiveness of the dust suppression methods in place. At least 40 litres of air must be sampled and the quantification limit will be calculated accordingly.

Sample Type P – Personal Compliance Testing.

This testing is undertaken in order to assess whether or not personal exposures are in compliance with the 4-hour Control Limit as defined within the ACOP L143 – Control of Asbestos Regulations (CAR) 2012.

Sample Type FB – Field Blank.

Field blanks are generated from satisfactory filter batches and treated in the same way as filters used for air sampling but without any air being drawn through them. In the event of elevated fibre counts on air samples, a field blank will be counted in order to exclude the possibility of contamination causing the elevated fibre count.

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**CERTIFICATE OF CLEANLINESS FOLLOWING WORKS WITH NON LICENSED
ASBESTOS CONTAINING MATERIALS**



Client:	ASDA Stores Ltd ASDA House, Southbank, Great Wilson Street, Leeds, LS11 5AD	Project Number:	P-310908
Site Address:	Ferring (4792), Littlehampton Road, Ferring, Worthing, BN12 6PN	Certificate Number:	20181024/SPA/003
Description of work: (include reference to any potential ACM's being retained)	Precautionary environmental clean of plant machine komatsu PC 290 LC, following on site use within a potentially contaminated area.	Date:	24/10/2018
		Inspecting Analyst:	Simon Pratt
Work location:	Asda Ferring PFS		
Contractor Responsible for the work:	RHODAR LIMITED UNIT C ASTRA PARK, PARKSIDE LANE, LEEDS, WEST YORKSHIRE, LS11 5SZ	Supervisor Name:	Dave Harman

Comments:
Scoop cleaned as far as practically possible. Cab cleaned as far as practically possible no visible dust or debris remains.

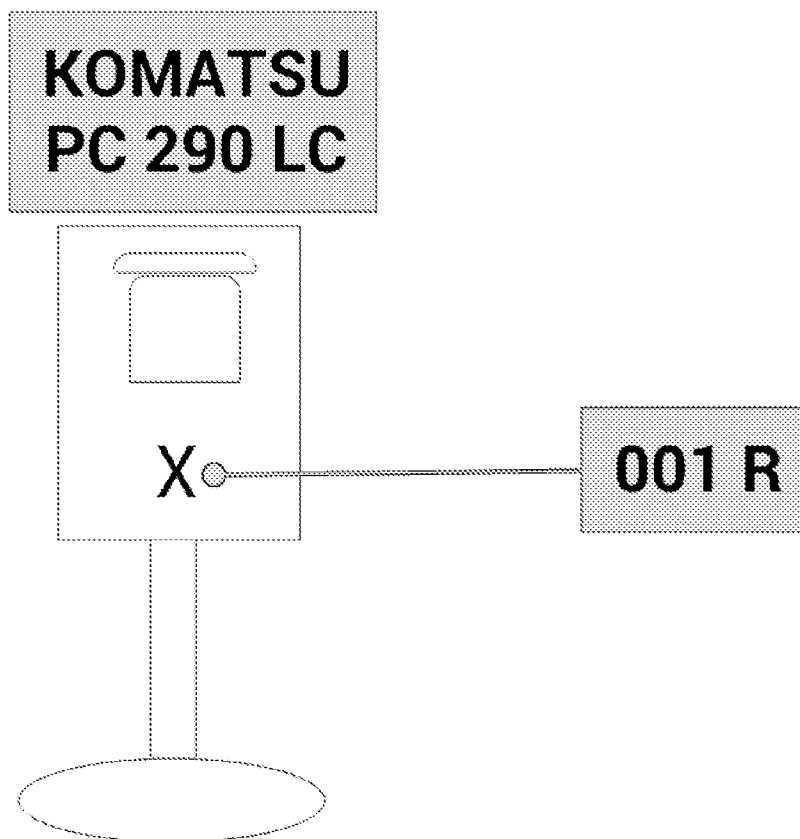
DECLARATION:

I can confirm that the work has been undertaken in accordance with the plan of work and following a thorough visual inspection that all visual traces of dust and debris created during the works have been removed.

Inspecting Analyst	Contractor Supervisor	
Analyst Name(s): Simon Pratt	Analyst Signature(s): 	Date and time: 24-10-2018 16:00
ARC Supervisor Name: Dave Harman	ARC 	

Client Name and Address:	ASDA Stores Ltd, ASDA House, Southbank, Great Wilson Street, Leeds, LS11 5AD	Project Number:	P-310908
Site Address:	Ferring (4792), Littlehampton Road, Ferring, Worthing, BN12 6PN	Certificate Number:	20181024/SPA/003

NB DIAGRAM FOR CERTIFICATE OF RE-OCCUPATION MUST BE INCLUSIVE OF APPROXIMATE ENCLOSURE DIMENSIONS



KEY FOR DIAGRAM

	Air Locks		Polythene Sheeting		Waste Skip		Viewing Panels
	Negative Pressure Unit		Flexible ducting		Asbestos Contractor Vehicle		Asbestos remaining
	Transit Route		Decontamination Unit		Sample Locations		

This diagram is only representative of the site layout and is not drawn to scale.

Analyst Name(s):	Simon Pratt	ARC Supervisor Name:	Dave Harman	
Analyst Signature(s):		Supervisor Signature:		Date: 24-10-2018 16:00



2719

AIR MONITORING TEST CERTIFICATE



Client Name and Address:	ASDA Stores Ltd, ASDA House, Southbank, Great Wilson Street, Leeds, LS11 5AD	Project Number:	P-310908
Site Address:	Ferring (4792), Littlehampton Road, Ferring, Worthing, BN12 6PN	Date:	24/10/2018
Work Location:	Asda Ferring PFS	Certificate Number:	20181024/SPA/003

Microscope No:	M9	NPL Test Slide	3105	Stage Micrometer:	SM9	Timepiece:	DB33
Testing Kit No:	N/A	Test band observed:	5	Graticule Diameter(μm):	100.0	Exposed filter diameter:	22.0
Flow meter:	F14a	Barometer/Thermometer:	DB33	Pressure (mb):	1046	Temperature (°C):	21

Sample Number	Sample Type	Pump No	Cowl No	Sample Location	Sampling Times		Duration (mins)	Flow Rates (l/min)		Mean Flow Rate (l/min)	Sample Volume (litres)	Fibres Counted	Graticule Fields	LoQ* (f/ml)	Calculated Result (f/ml)	Reported Result (f/ml)
					Start	Finish		Start	Finish							
001	R	P8	8E7	Cab of digger Komatsu PC 290 LC	13:12	13:52	40	12.0	12.0	12.00	480	0.5	200	0.010	0.0003	< 0.01

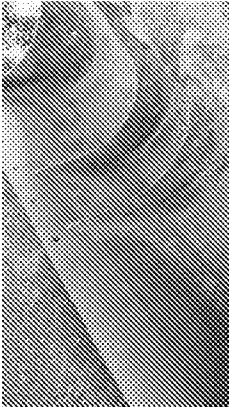
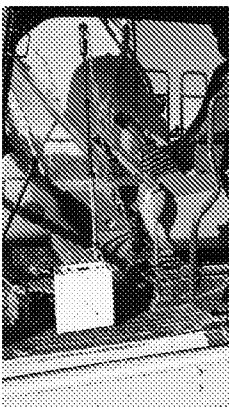
*LoQ = Limit of quantification

Comments:																
Reassurance air monitoring carried out to determine airborne fibre concentration following a precautionary environmental clean within cab and scoop of plant machine Komatsu PC 290 LC, following on site use in potential contaminated area. Results satisfied. [REDACTED] < 0.01																
Analyst(s) (print):	Simon Pratt	Signature(s):	[REDACTED]	Date:	24-10-2018 16:00											

Quality Doc No: M/Doc19 - 8 - 30/06/18

Page No: 4 of 5

Project Number:	P-310908	Certificate Number:	20181024/SPA/003	Analyst Name:	Simon Pratt
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	Scoop KOMATSU PC 290 LC
	Cab KOMATSU PC 290 LC
	Cab KOMATSU PC 290 LC
	Cab KOMATSU PC 290 LC



2719

AIR MONITORING TEST REPORT



Client Details	ASDA Stores Ltd	Project Number:	P-310908
	ASDA House, Southbank, Great Wilson Street, Leeds, LS11 5AD	Shift Number:	4
		Certificate Number:	20181025/SPA/001
Site Address	Ferring (4792), Littlehampton Road, Ferring, Worthing, BN12 6PN	Issued Date:	25/10/2018
		Issued by (print):	Simon Pratt
		Issued by (signature):	

Environmental Essentials' Issuing Laboratory

Lab L6, Unit C Faraday Court, Faraday Road, Crawley, West Sussex, RH10 9PU

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Sample Type L – Leak Testing.

This testing is undertaken during works involving asbestos around the perimeter of a 'live' removal enclosure, in order to assess the effectiveness of control measures in place in particular the enclosure itself. Usually a sample of at least 480 litres of air will be taken, however shorter sampling periods or "pooled" sampling strategies may be adopted if the analyst suspects an enclosure breach, for example.

Sample Type C – Clearance Testing.

This testing is undertaken following the removal or encapsulation of asbestos materials within an enclosure in order to ascertain the quantification of airborne fibres compared with the clearance indicator level of 0.01 f/ml. At least 480 litres of air must be taken per sample. A clearance test will also be undertaken when assessing the suitability of a decontamination unit following completion of works.

For an area to be deemed as suitable for normal occupancy following asbestos remediation, at least 80% of the air test results must be below the clearance indicator level, whilst all results must be below 0.015 f/ml.

Sample Type R – Reassurance Testing.

This testing is undertaken in certain circumstances to confirm that airborne fibre levels are below 0.01 f/ml. For example, following the removal of an asbestos removal enclosure or as an assessment of an area for continued normal occupancy. At least 480 litres of air must be taken per sample.

Sample Type A – Personal Assessment Testing.

This testing will be undertaken during abatement works involving asbestos in order to assess the suitability of the respiratory protective equipment being used and also the effectiveness of the dust suppression methods in place. At least 40 litres of air must be sampled and the quantification limit will be calculated accordingly.

Sample Type P – Personal Compliance Testing.

This testing is undertaken in order to assess whether or not personal exposures are in compliance with the 4-hour Control Limit as defined within the ACOP L143 – Control of Asbestos Regulations (CAR) 2012.

Sample Type FB – Field Blank.

Field blanks are generated from satisfactory filter batches and treated in the same way as filters used for air sampling but without any air being drawn through them. In the event of elevated fibre counts on air samples, a field blank will be counted in order to exclude the possibility of contamination causing the elevated fibre count.

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2719

AIR MONITORING TEST CERTIFICATE



Client Name and Address:	ASDA Stores Ltd, ASDA House, Southbank, Great Wilson Street, Leeds, LS11 5AD	Project Number:	P-310908
Site Address:	Ferring (4792), Littlehampton Road, Ferring, Worthing, BN12 6PN	Date:	25/10/2018
Work Location:	Asda Ferring PFS	Certificate Number:	20181025/SPA/001

Microscope No:	M9	NPL Test Slide	3105	Stage Micrometer:	SM9	Timepiece:	DB33
Testing Kit No:	N/A	Test band observed:	5	Graticule Diameter(μm):	100.0	Exposed filter diameter:	22.0
Flow meter:	F14a	Barometer/Thermometer:	DB33	Pressure (mb):	1040	Temperature (°C):	19

Sample Number	Sample Type	Pump No	Cowl No	Sample Location	Sampling Times		Duration (mins)	Flow Rates (l/min)		Mean Flow Rate (l/min)	Sample Volume (litres)	Fibres Counted	Graticule Fields	LoQ* (f/ml)	Calculated Result (f/ml)	Reported Result (f/ml)
					Start	Finish		Start	Finish							
001	R	P217	24	Rear of site car park next to public footpath	08:56	10:57	121	4.0	4.0	4.00	484	1.5	189	0.010	0.0008	< 0.01
002	R	P8	286	Right side of site car park next to public footpath	08:57	10:57	120	4.0	4.0	4.00	480	0	200	0.010	0.0000	< 0.01
003	R	P87	232	Next to excavation trench during set up of scaffold.	08:59	11:01	122	4.0	4.0	4.00	488	2.5	188	0.010	0.0013	< 0.01
004	R	P19	001	Next to harris fencing site entrance	09:03	11:05	122	4.0	4.0	4.00	488	0.5	188	0.010	0.0003	< 0.01
005	A	P96	115	On scaffolder Tony R. during erecting scaffolding	12:00	12:14	14	2.0	2.0	2.00	28	1.5	100	0.34	0.0259	< 0.343
006	R	P217	24	Back of site car park next to public footpath	12:42	14:43	121	4.0	4.0	4.00	484	1.0	189	0.010	0.0005	< 0.01
007	R	P8	286	Right side of site car park next to public footpath	12:42	14:43	121	4.0	4.0	4.00	484	1.0	189	0.010	0.0005	< 0.01
008	R	P87	232	Next to excavation trench	12:45	14:47	122	4.0	4.0	4.00	488	2.0	188	0.010	0.0011	< 0.01
009	R	P19	001	Next to asbestos skip	12:47	14:49	122	4.0	4.0	4.00	488	1.5	188	0.010	0.0008	< 0.01

*LoQ = Limit of quantification

Comments:																
Reassurance air monitoring carried out in and around site during set up of site and scaffold over exclamation site. Results satisfactory below limit of quantification <0.01 Personal air monitoring carried out of scaffold operative during set up of scaffold over exclamation site.																
Analyst(s) (print):	Simon Pratt	Signature(s):													Date:	25/10/2018 16:00

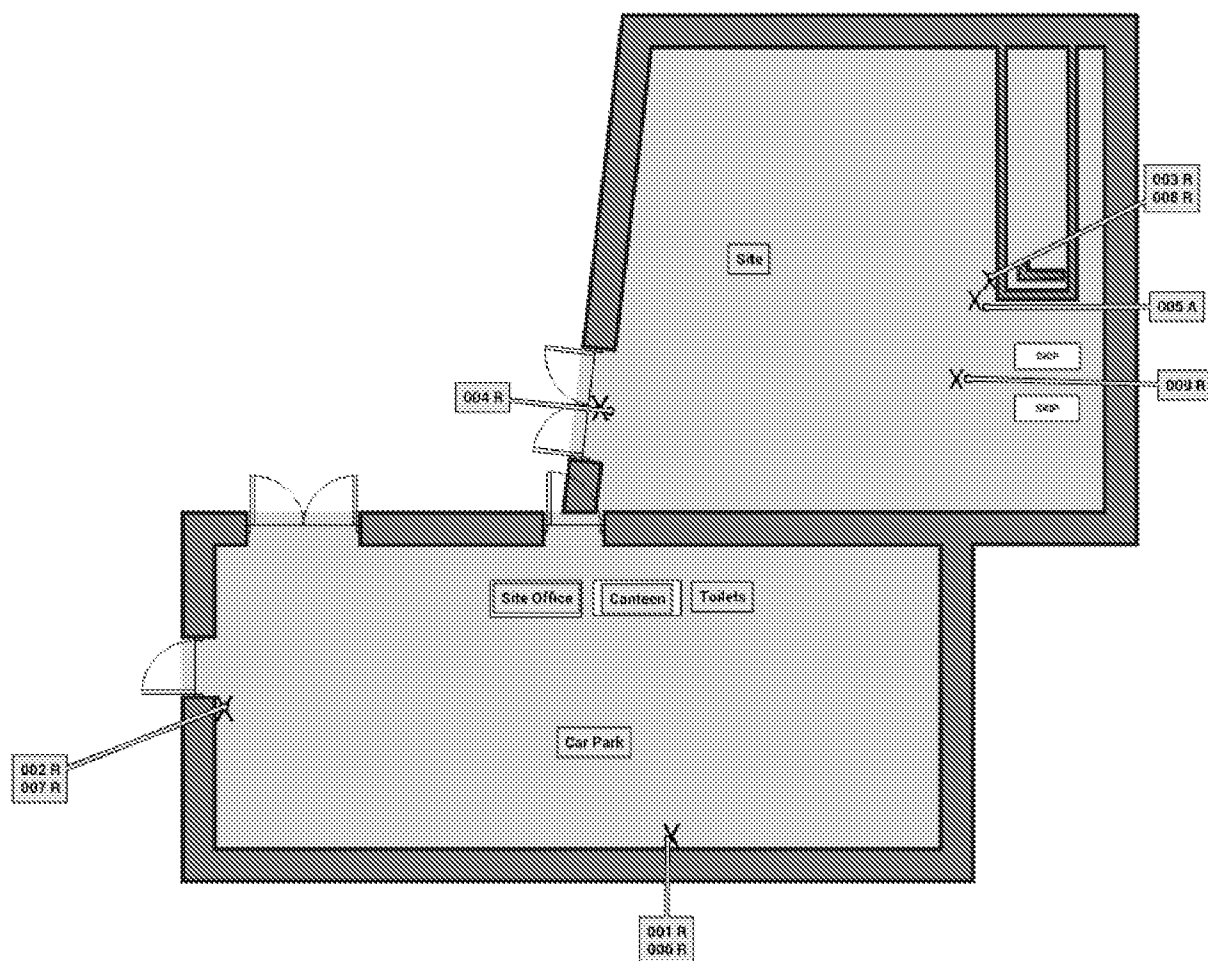
Quality Doc No: M/Doc19 - 8 - 30/06/18

Page No: 2 of 2

SITE LAYOUT

Client Name and Address:	ASDA Stores Ltd, ASDA House, Southbank, Great Wilson Street, Leeds, LS11 5AD	Project Number:	P-310908
Site Address:	Ferring (4792), Littlehampton Road, Ferring, Worthing, BN12 6PN	Certificate Number:	20181025/SPA/001

NB DIAGRAM FOR CERTIFICATE OF RE-OCCUPATION MUST BE INCLUSIVE OF APPROXIMATE ENCLOSURE DIMENSIONS



KEY FOR DIAGRAM

	Air Locks		Polythene Sheeting		Waste Skip		Viewing Panels
	Negative Pressure Unit		Flexible ducting		Asbestos Contractor Vehicle		Asbestos remaining
	Transit Route		Decontamination Unit		Sample Locations		

This diagram is only representative of the site layout and is not drawn to scale.

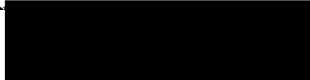
Analyst Name(s):	Simon Pratt	ARC Supervisor Name:	N/A	Date:	25/10/2018
Analyst Signature(s):		ARC Supervisor Signature:	N/A		



2719

AIR MONITORING TEST REPORT



Client Details	ASDA Stores Ltd	Project Number:	P-310908
	ASDA House, Southbank, Great Wilson Street, Leeds, LS11 5AD	Shift Number:	5
		Certificate Number:	20181026/SPA/001
Site Address	Ferring (4792), Littlehampton Road, Ferring, Worthing, BN12 6PN	Issued Date:	26/10/2018
		Issued by (print):	Simon Pratt
		Issued by (signature):	

Environmental Essentials' Issuing Laboratory

Lab L6, Unit C Faraday Court, Faraday Road, Crawley, West Sussex, RH10 9PU

Four stage site clearance procedures, air monitoring and fibre counting are undertaken in accordance with Environmental Essentials' in-house procedures which are based on the methodologies specified within HSE document HSG 248 Asbestos: The analysts' guide for sampling, analysis and clearance procedures.

All air tests will have one of the following suffix codes which will indicate the purpose of the test:

Sample Type B – Background Testing.

This testing is undertaken to establish a background level of airborne fibres prior to any remediation works being carried out.

Sample Type L – Leak Testing.

This testing is undertaken during works involving asbestos around the perimeter of a 'live' removal enclosure, in order to assess the effectiveness of control measures in place in particular the enclosure itself. Usually a sample of at least 480 litres of air will be taken, however shorter sampling periods or "pooled" sampling strategies may be adopted if the analyst suspects an enclosure breach, for example.

Sample Type C – Clearance Testing.

This testing is undertaken following the removal or encapsulation of asbestos materials within an enclosure in order to ascertain the quantification of airborne fibres compared with the clearance indicator level of 0.01 f/ml. At least 480 litres of air must be taken per sample. A clearance test will also be undertaken when assessing the suitability of a decontamination unit following completion of works.

For an area to be deemed as suitable for normal occupancy following asbestos remediation, at least 80% of the air test results must be below the clearance indicator level, whilst all results must be below 0.015 f/ml.

Sample Type R – Reassurance Testing.

This testing is undertaken in certain circumstances to confirm that airborne fibre levels are below 0.01 f/ml. For example, following the removal of an asbestos removal enclosure or as an assessment of an area for continued normal occupancy. At least 480 litres of air must be taken per sample.

Sample Type A – Personal Assessment Testing.

This testing will be undertaken during abatement works involving asbestos in order to assess the suitability of the respiratory protective equipment being used and also the effectiveness of the dust suppression methods in place. At least 40 litres of air must be sampled and the quantification limit will be calculated accordingly.

Sample Type P – Personal Compliance Testing.

This testing is undertaken in order to assess whether or not personal exposures are in compliance with the 4-hour Control Limit as defined within the ACOP L143 – Control of Asbestos Regulations (CAR) 2012.

Sample Type FB – Field Blank.

Field blanks are generated from satisfactory filter batches and treated in the same way as filters used for air sampling but without any air being drawn through them. In the event of elevated fibre counts on air samples, a field blank will be counted in order to exclude the possibility of contamination causing the elevated fibre count.

This test report may not be reproduced other than in full, except with the prior written approval of the issuing laboratory.

Air sampling and fibre counting fall within Environmental Essentials' scope of UKAS accreditation however, opinions and interpretations that may be expressed within this report are outside the scope of UKAS accreditation.

Certificate of cleanliness following works with non-licensed materials which may have been undertaken and witnessed as part of this project are not covered by Environmental Essentials' scope of UKAS accreditation.



2719

AIR MONITORING TEST CERTIFICATE



Client Name and Address:	ASDA Stores Ltd, ASDA House, Southbank, Great Wilson Street, Leeds, LS11 5AD	Project Number:	P-310908
Site Address:	Ferring (4792), Littlehampton Road, Ferring, Worthing, BN12 6PN	Date:	26/10/2018
Work Location:	Asda Ferring PFS	Certificate Number:	20181026/SPA/001

Microscope No:	M9	NPL Test Slide	3105	Stage Micrometer:	SM9	Timepiece:	DB33
Testing Kit No:	N/A	Test band observed:	5	Graticule Diameter(μm):	100.0	Exposed filter diameter:	22.0
Flow meter:	F14a	Barometer/Thermometer:	DB33	Pressure (mb):	1026	Temperature (°C):	19

Sample Number	Sample Type	Pump No	Cowl No	Sample Location	Sampling Times		Duration (mins)	Flow Rates (l/min)		Mean Flow Rate (l/min)	Sample Volume (litres)	Fibres Counted	Graticule Fields	LoQ* (f/ml)	Calculated Result (f/ml)	Reported Result (f/ml)
					Start	Finish		Start	Finish							
001	R	P8	24	Rear of site car park	08:41	10:50	129	4.0	4.0	4.00	516	1.0	178	0.010	0.0005	< 0.01
002	R	P19	235	Right side of site car park next to public footpath.	08:41	10:51	130	4.0	4.0	4.00	520	0.5	176	0.010	0.0003	< 0.01
003	R	P217	115	Next to trench while set up of scaffold	08:43	10:52	129	4.0	4.0	4.00	516	2.5	178	0.010	0.0013	< 0.01
004	R	P87	8E7	Site entrance	08:45	10:56	131	4.0	4.0	4.00	524	1.0	175	0.010	0.0005	< 0.01
005	FB	-	FB01	001 R	-	-	-	-	-	-	-	Not Counted	Not Counted	-	-	-
006	A	P96	001	On scaffolder:- Tony M. During build of scaffolding.	08:46	10:46	120	2.0	2.0	2.00	240	0.5	100	0.04	0.0010	< 0.04
007	R	P8	286	Rear site car park next to public footpath	12:58	14:58	120	4.0	4.0	4.00	480	0.5	200	0.010	0.0003	< 0.01
008	R	P19	001	Right side of site car park next to public footpath	12:59	14:59	120	4.0	4.0	4.00	480	2.0	200	0.010	0.0010	< 0.01
009	R	P217	24	Next to trench	13:01	15:02	121	4.0	4.0	4.00	484	3.5	189	0.010	0.0019	< 0.01
010	R	P87	235	Site entrance	13:02	15:03	121	4.0	4.0	4.00	484	0.5	189	0.010	0.0003	< 0.01

*LoQ = Limit of quantification

Comments:																
Reassurance air monitoring carried out to determine airborne fibre count during loading and prep of site for enclosure build. Results satisfactory below limit of quantification <0.01 Personal air monitoring carried out on scaffolding during dig carried out within site car park no suspicious materials found within holes.																
Analyst(s) (print):	Simon Pratt	Signature(s):													Date:	26/10/2018 16:00

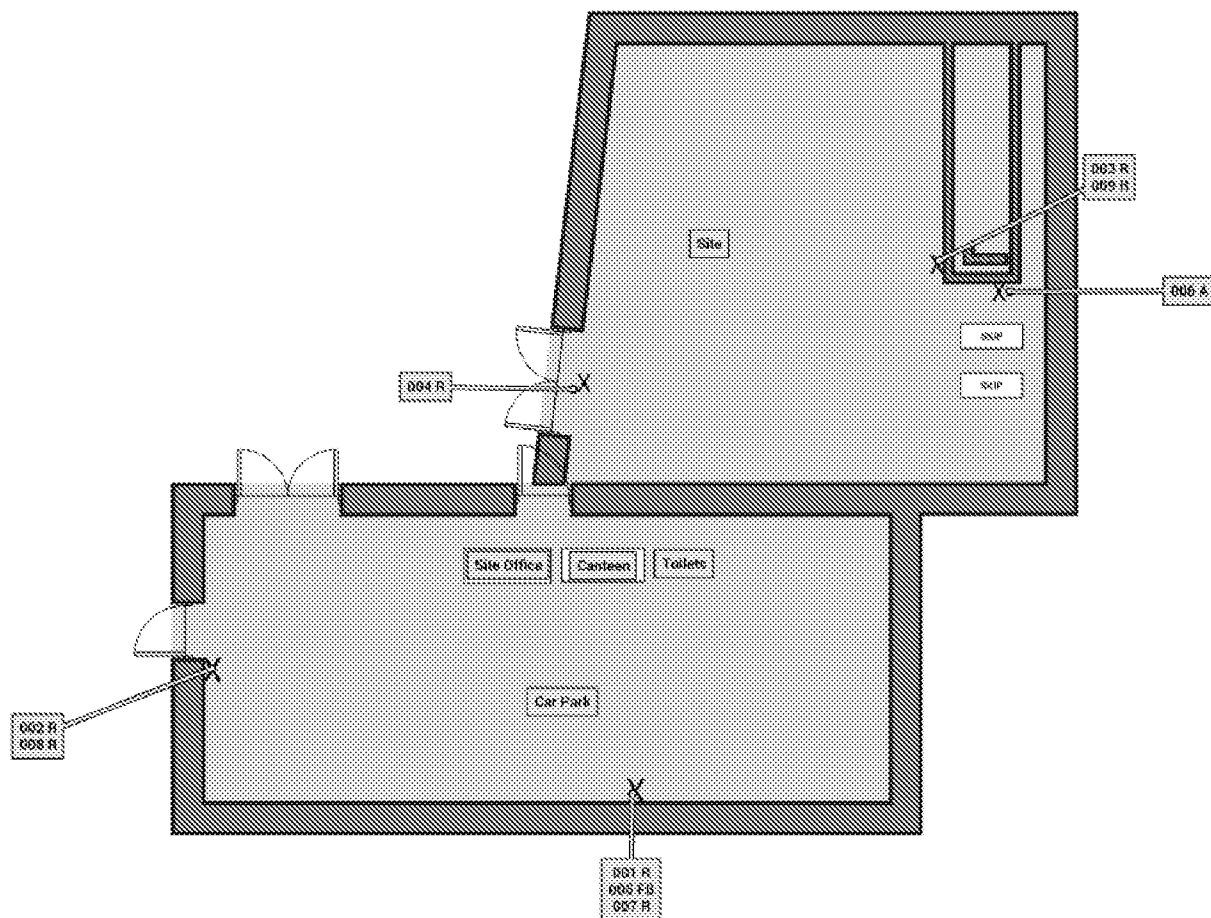
Quality Doc No: M/Doc19 - 8 - 30/06/18

Page No: 2 of 2

SITE LAYOUT

Client Name and Address:	ASDA Stores Ltd, ASDA House, Southbank, Great Wilson Street, Leeds, LS11 5AD	Project Number:	P-310908
Site Address:	Ferring (4792), Littlehampton Road, Ferring, Worthing, BN12 6PN	Certificate Number:	20181026/SPA/001

NB DIAGRAM FOR CERTIFICATE OF RE-OCCUPATION MUST BE INCLUSIVE OF APPROXIMATE ENCLOSURE DIMENSIONS



KEY FOR DIAGRAM

	Air Locks		Polythene Sheeting		Waste Skip		Viewing Panels
	Negative Pressure Unit		Flexible ducting		Asbestos Contractor Vehicle		Asbestos remaining
	Transit Route		Decontamination Unit		Sample Locations		

This diagram is only representative of the site layout and is not drawn to scale.

Analyst Name(s):	Simon Pratt	ARC Supervisor Name:	N/A	Date:	26/10/2018
Analyst Signature(s):		ARC Supervisor Signature:	N/A		

Quality Doc No: M/Doc73 - 4 - 041018

Page No: 1 of 1



2719

AIR MONITORING TEST REPORT



Client Details	ASDA Stores Ltd	Project Number:	P-310908
	ASDA House, Southbank, Great Wilson Street, Leeds, LS11 5AD	Shift Number:	6
		Certificate Number:	20181029/SPA/001
Site Address	Ferring (4792), Littlehampton Road, Ferring, Worthing, BN12 6PN	Issued Date:	29/10/2018
		Issued by (print):	Simon Pra [REDACTED]
		Issued by (signature):	[REDACTED]

Environmental Essentials' Issuing Laboratory

Lab L6, Unit C Faraday Court, Faraday Road, Crawley, West Sussex, RH10 9PU

Four stage site clearance procedures, air monitoring and fibre counting are undertaken in accordance with Environmental Essentials' in-house procedures which are based on the methodologies specified within HSE document HSG 248 Asbestos: The analysts' guide for sampling, analysis and clearance procedures.

All air tests will have one of the following suffix codes which will indicate the purpose of the test:

Sample Type B – Background Testing.

This testing is undertaken to establish a background level of airborne fibres prior to any remediation works being carried out.

Sample Type L – Leak Testing.

This testing is undertaken during works involving asbestos around the perimeter of a 'live' removal enclosure, in order to assess the effectiveness of control measures in place in particular the enclosure itself. Usually a sample of at least 480 litres of air will be taken, however shorter sampling periods or "pooled" sampling strategies may be adopted if the analyst suspects an enclosure breach, for example.

Sample Type C – Clearance Testing.

This testing is undertaken following the removal or encapsulation of asbestos materials within an enclosure in order to ascertain the quantification of airborne fibres compared with the clearance indicator level of 0.01 f/ml. At least 480 litres of air must be taken per sample. A clearance test will also be undertaken when assessing the suitability of a decontamination unit following completion of works.

For an area to be deemed as suitable for normal occupancy following asbestos remediation, at least 80% of the air test results must be below the clearance indicator level, whilst all results must be below 0.015 f/ml.

Sample Type R – Reassurance Testing.

This testing is undertaken in certain circumstances to confirm that airborne fibre levels are below 0.01 f/ml. For example, following the removal of an asbestos removal enclosure or as an assessment of an area for continued normal occupancy. At least 480 litres of air must be taken per sample.

Sample Type A – Personal Assessment Testing.

This testing will be undertaken during abatement works involving asbestos in order to assess the suitability of the respiratory protective equipment being used and also the effectiveness of the dust suppression methods in place. At least 40 litres of air must be sampled and the quantification limit will be calculated accordingly.

Sample Type P – Personal Compliance Testing.

This testing is undertaken in order to assess whether or not personal exposures are in compliance with the 4-hour Control Limit as defined within the ACOP L143 – Control of Asbestos Regulations (CAR) 2012.

Sample Type FB – Field Blank.

Field blanks are generated from satisfactory filter batches and treated in the same way as filters used for air sampling but without any air being drawn through them. In the event of elevated fibre counts on air samples, a field blank will be counted in order to exclude the possibility of contamination causing the elevated fibre count.

This test report may not be reproduced other than in full, except with the prior written approval of the issuing laboratory.

Air sampling and fibre counting fall within Environmental Essentials' scope of UKAS accreditation however, opinions and interpretations that may be expressed within this report are outside the scope of UKAS accreditation.

Certificate of cleanliness following works with non-licensed materials which may have been undertaken and witnessed as part of this project are not covered by Environmental Essentials' scope of UKAS accreditation.



2719

AIR MONITORING TEST CERTIFICATE



Client Name and Address:	ASDA Stores Ltd, ASDA House, Southbank, Great Wilson Street, Leeds, LS11 5AD	Project Number:	P-310908
Site Address:	Ferring (4792), Littlehampton Road, Ferring, Worthing, BN12 6PN	Date:	29/10/2018
Work Location:	Asda Ferring PFS	Certificate Number:	20181029/SPA/001

Microscope No:	M9	NPL Test Slide	3105	Stage Micrometer:	SM9	Timepiece:	DB33
Testing Kit No:	N/A	Test band observed:	5	Graticule Diameter(μm):	100.0	Exposed filter diameter:	22.0
Flow meter:	F14a	Barometer/Thermometer:	DB33	Pressure (mb):	1019	Temperature (°C):	16

Sample Number	Sample Type	Pump No	Cowl No	Sample Location	Sampling Times		Duration (mins)	Flow Rates (l/min)		Mean Flow Rate (l/min)	Sample Volume (litres)	Fibres Counted	Graticule Fields	LoQ* (f/ml)	Calculated Result (f/ml)	Reported Result (f/ml)
					Start	Finish		Start	Finish							
001	R	P217	286	Site entrance	08:31	10:31	120	4.0	4.0	4.00	480	1.0	200	0.010	0.0005	< 0.01
002	R	P8	232	Right side of site car park next to public footpath	08:32	10:33	121	4.0	4.0	4.00	484	0.0	189	0.010	0.0000	< 0.01
003	R	P19	235	Rear of site car park next to public footpath	08:34	10:34	120	4.0	4.0	4.00	480	1.0	200	0.010	0.0005	< 0.01
004	R	P87	001	Next to visual panel of enclosure over trench	08:36	10:40	124	4.0	4.0	4.00	496	2.0	185	0.010	0.0011	< 0.01
005	FB	-	FB01	004 R	-	-	-	-	-	-	-	Not Counted	Not Counted	-	-	-
006	R	P217	115	Middle of site	11:50	13:53	123	4.0	4.0	4.00	492	1.0	186	0.010	0.0005	< 0.01
007	R	P8	24	Right hand side of site car next to public footpath	11:52	13:54	122	4.0	4.0	4.00	488	0.5	188	0.010	0.0003	< 0.01
008	R	P87	286	Rear Of site car park next to public footpath	12:01	14:03	122	4.0	4.0	4.00	488	0.5	188	0.010	0.0003	< 0.01

*LoQ = Limit of quantification

Comments:			
Reassurance air monitoring carried out to determine airborne fibre concentration during set up of enclosure and around public footpaths. Results satisfactory below limit of quantification <0.01.			
Analyst(s) (print):	Simon Pratt	Signature(s):	Date: 29/10/2018 16:00

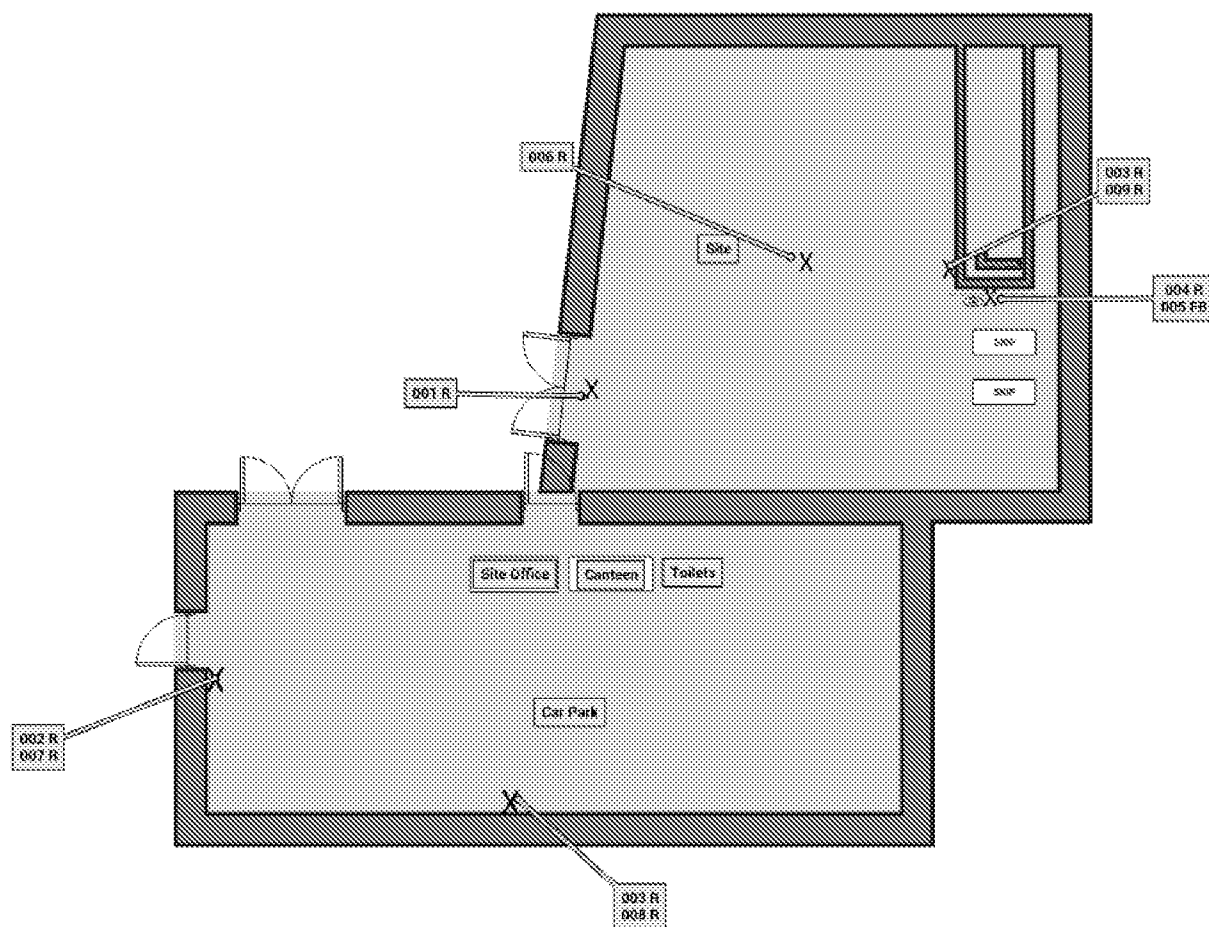
Quality Doc No: M/Doc19 - 8 - 30/06/18

Page No: 2 of 2

SITE LAYOUT

Client Name and Address:	ASDA Stores Ltd, ASDA House, Southbank, Great Wilson Street, Leeds, LS11 5AD	Project Number:	P-310908
Site Address:	Ferring (4792), Littlehampton Road, Ferring, Worthing, BN12 6PN	Certificate Number:	20181029/SPA/001

NB DIAGRAM FOR CERTIFICATE OF RE-OCCUPATION MUST BE INCLUSIVE OF APPROXIMATE ENCLOSURE DIMENSIONS



KEY FOR DIAGRAM

	Air Locks		Polythene Sheeting		Waste Skip		Viewing Panels
	Negative Pressure Unit		Flexible ducting		Asbestos Contractor Vehicle		Asbestos remaining
	Transit Route		Decontamination Unit		Sample Locations		

This diagram is only representative of the site layout and is not drawn to scale.

Analyst Name(s):	Simon Pratt	ARC Supervisor Name:	N/A	Date:	29/10/2018
Analyst Signature(s):		ARC Supervisor Signature:	N/A		



2719

AIR MONITORING TEST REPORT



Client Details	ASDA Stores Ltd	Project Number:	P-310908
	ASDA House, Southbank, Great Wilson Street, Leeds, LS11 5AD	Shift Number:	7
		Certificate Number:	20181030/SPA/001
Site Address	Ferring (4792), Littlehampton Road, Ferring, Worthing, BN12 6PN	Issued Date:	30/10/2018
		Issued by (print):	Simon Pratt
		Issued by (signature):	

Environmental Essentials' Issuing Laboratory

Lab L6, Unit C Faraday Court, Faraday Road, Crawley, West Sussex, RH10 9PU

Four stage site clearance procedures, air monitoring and fibre counting are undertaken in accordance with Environmental Essentials' in-house procedures which are based on the methodologies specified within HSE document HSG 248 Asbestos: The analysts' guide for sampling, analysis and clearance procedures.

All air tests will have one of the following suffix codes which will indicate the purpose of the test:

Sample Type B – Background Testing.

This testing is undertaken to establish a background level of airborne fibres prior to any remediation works being carried out.

Sample Type L – Leak Testing.

This testing is undertaken during works involving asbestos around the perimeter of a 'live' removal enclosure, in order to assess the effectiveness of control measures in place in particular the enclosure itself. Usually a sample of at least 480 litres of air will be taken, however shorter sampling periods or "pooled" sampling strategies may be adopted if the analyst suspects an enclosure breach, for example.

Sample Type C – Clearance Testing.

This testing is undertaken following the removal or encapsulation of asbestos materials within an enclosure in order to ascertain the quantification of airborne fibres compared with the clearance indicator level of 0.01 f/ml. At least 480 litres of air must be taken per sample. A clearance test will also be undertaken when assessing the suitability of a decontamination unit following completion of works.

For an area to be deemed as suitable for normal occupancy following asbestos remediation, at least 80% of the air test results must be below the clearance indicator level, whilst all results must be below 0.015 f/ml.

Sample Type R – Reassurance Testing.

This testing is undertaken in certain circumstances to confirm that airborne fibre levels are below 0.01 f/ml. For example, following the removal of an asbestos removal enclosure or as an assessment of an area for continued normal occupancy. At least 480 litres of air must be taken per sample.

Sample Type A – Personal Assessment Testing.

This testing will be undertaken during abatement works involving asbestos in order to assess the suitability of the respiratory protective equipment being used and also the effectiveness of the dust suppression methods in place. At least 40 litres of air must be sampled and the quantification limit will be calculated accordingly.

Sample Type P – Personal Compliance Testing.

This testing is undertaken in order to assess whether or not personal exposures are in compliance with the 4-hour Control Limit as defined within the ACOP L143 – Control of Asbestos Regulations (CAR) 2012.

Sample Type FB – Field Blank.

Field blanks are generated from satisfactory filter batches and treated in the same way as filters used for air sampling but without any air being drawn through them. In the event of elevated fibre counts on air samples, a field blank will be counted in order to exclude the possibility of contamination causing the elevated fibre count.

This test report may not be reproduced other than in full, except with the prior written approval of the issuing laboratory.

Air sampling and fibre counting fall within Environmental Essentials' scope of UKAS accreditation however, opinions and interpretations that may be expressed within this report are outside the scope of UKAS accreditation.

Certificate of cleanliness following works with non-licensed materials which may have been undertaken and witnessed as part of this project are not covered by Environmental Essentials' scope of UKAS accreditation.



2719

AIR MONITORING TEST CERTIFICATE



Client Name and Address:	ASDA Stores Ltd, ASDA House, Southbank, Great Wilson Street, Leeds, LS11 5AD	Project Number:	P-310908
Site Address:	Ferring (4792), Littlehampton Road, Ferring, Worthing, BN12 6PN	Date:	30/10/2018
Work Location:	Asda Ferring PFS	Certificate Number:	20181030/SPA/001

Microscope No:	M9	NPL Test Slide	3105	Stage Micrometer:	SM9	Timepiece:	DB33
Testing Kit No:	N/A	Test band observed:	5	Graticule Diameter(μm):	100.0	Exposed filter diameter:	22.0
Flow meter:	F14a	Barometer/Thermometer:	DB33	Pressure (mb):	1008	Temperature (°C):	14

Sample Number	Sample Type	Pump No	Cowl No	Sample Location	Sampling Times		Duration (mins)	Flow Rates (l/min)		Mean Flow Rate (l/min)	Sample Volume (litres)	Fibres Counted	Graticule Fields	LoQ* (f/ml)	Calculated Result (f/ml)	Reported Result (f/ml)
					Start	Finish		Start	Finish							
001	R	P217	24	Right side of site car park next to public footpath	08:53	10:55	122	4.0	4.0	4.00	488	1.5	188	0.010	0.0008	< 0.01
002	R	P87	8E7	Rear of site car park next to public footpath	08:54	10:55	121	4.0	4.0	4.00	484	0.0	189	0.010	0.0000	< 0.01
003	R	P19	232	Next to visual panel while build of enclosure	09:04	11:09	125	4.0	4.0	4.00	500	3.5	183	0.010	0.0019	< 0.01
004	R	P8	01	Middle of site	09:05	11:10	125	4.0	4.0	4.00	500	2.0	183	0.010	0.0011	< 0.01
005	FB	-	FB01	004 R	-	-	-	-	-	-	-	Not Counted	Not Counted	-	-	-
006	R	P19	001	Right hand side of site car park next to public footpath	12:38	14:39	121	4.0	4.0	4.00	484	1.5	189	0.010	0.0008	< 0.01
007	R	P87	8E7	Rear of site car park next to public footpath	12:39	14:39	120	4.0	4.0	4.00	480	1.0	200	0.010	0.0005	< 0.01

*LoQ = Limit of quantification

Comments: Reassurance air monitoring carried out during prep and set up of enclosure and around public footpaths. Results satisfactory below limit of quantification <0.01															
Analyst(s) (print):	Simon Pratt	Signature(s):										Date:	30/10/2018 15:30		

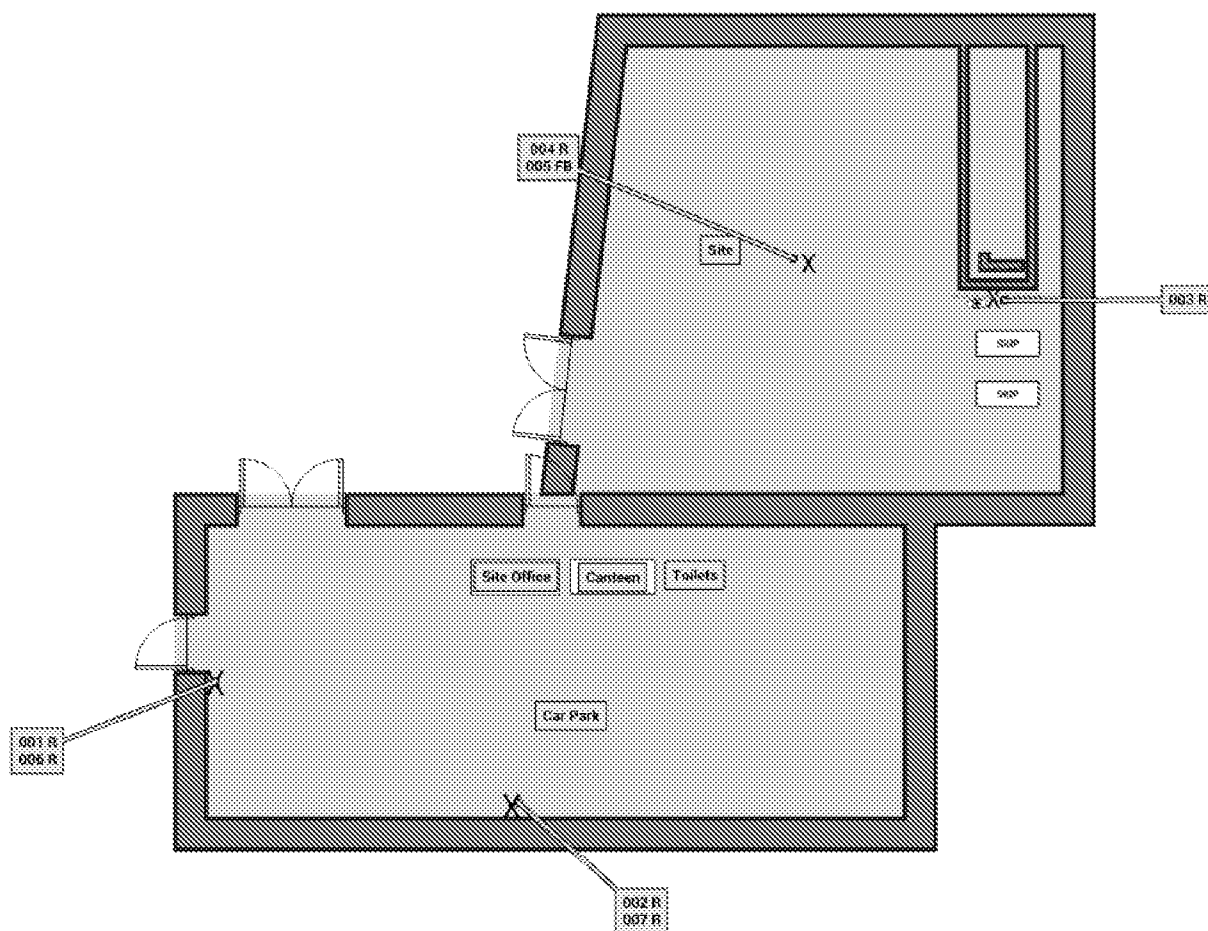
Quality Doc No: M/Doc19 - 8 - 30/06/18

Page No: 2 of 2

SITE LAYOUT

Client Name and Address:	ASDA Stores Ltd, ASDA House, Southbank, Great Wilson Street, Leeds, LS11 5AD	Project Number:	P-310908
Site Address:	Ferring (4792), Littlehampton Road, Ferring, Worthing, BN12 6PN	Certificate Number:	20181030/SPA/001

NB DIAGRAM FOR CERTIFICATE OF RE-OCCUPATION MUST BE INCLUSIVE OF APPROXIMATE ENCLOSURE DIMENSIONS



KEY FOR DIAGRAM

	Air Locks		Polythene Sheeting		Waste Skip		Viewing Panels
	Negative Pressure Unit		Flexible ducting		Asbestos Contractor Vehicle		Asbestos remaining
	Transit Route		Decontamination Unit		Sample Locations		

This diagram is only representative of the site layout and is not drawn to scale.

Analyst Name(s):	Simon Pratt	ARC Supervisor Name:	N/A	Date:	30/10/2018
Analyst Signature(s):		ARC Supervisor Signature:	N/A		



2719

AIR MONITORING TEST REPORT



Client Details	ASDA Stores Ltd	Project Number:	P-310908
	ASDA House, Southbank, Great Wilson Street, Leeds, LS11 5AD	Shift Number:	8
		Certificate Number:	20181031/SPA/001
Site Address	Ferring (4792), Littlehampton Road, Ferring, Worthing, BN12 6PN	Issued Date:	31/10/2018
		Issued by (print):	Simon Pratt
		Issued by (signature):	

Environmental Essentials' Issuing Laboratory

Lab L6, Unit C Faraday Court, Faraday Road, Crawley, West Sussex, RH10 9PU

Four stage site clearance procedures, air monitoring and fibre counting are undertaken in accordance with Environmental Essentials' in-house procedures which are based on the methodologies specified within HSE document HSG 248 Asbestos: The analysts' guide for sampling, analysis and clearance procedures.

All air tests will have one of the following suffix codes which will indicate the purpose of the test:

Sample Type B – Background Testing.

This testing is undertaken to establish a background level of airborne fibres prior to any remediation works being carried out.

Sample Type L – Leak Testing.

This testing is undertaken during works involving asbestos around the perimeter of a 'live' removal enclosure, in order to assess the effectiveness of control measures in place in particular the enclosure itself. Usually a sample of at least 480 litres of air will be taken, however shorter sampling periods or "pooled" sampling strategies may be adopted if the analyst suspects an enclosure breach, for example.

Sample Type C – Clearance Testing.

This testing is undertaken following the removal or encapsulation of asbestos materials within an enclosure in order to ascertain the quantification of airborne fibres compared with the clearance indicator level of 0.01 f/ml. At least 480 litres of air must be taken per sample. A clearance test will also be undertaken when assessing the suitability of a decontamination unit following completion of works.

For an area to be deemed as suitable for normal occupancy following asbestos remediation, at least 80% of the air test results must be below the clearance indicator level, whilst all results must be below 0.015 f/ml.

Sample Type R – Reassurance Testing.

This testing is undertaken in certain circumstances to confirm that airborne fibre levels are below 0.01 f/ml. For example, following the removal of an asbestos removal enclosure or as an assessment of an area for continued normal occupancy. At least 480 litres of air must be taken per sample.

Sample Type A – Personal Assessment Testing.

This testing will be undertaken during abatement works involving asbestos in order to assess the suitability of the respiratory protective equipment being used and also the effectiveness of the dust suppression methods in place. At least 40 litres of air must be sampled and the quantification limit will be calculated accordingly.

Sample Type P – Personal Compliance Testing.

This testing is undertaken in order to assess whether or not personal exposures are in compliance with the 4-hour Control Limit as defined within the ACOP L143 – Control of Asbestos Regulations (CAR) 2012.

Sample Type FB – Field Blank.

Field blanks are generated from satisfactory filter batches and treated in the same way as filters used for air sampling but without any air being drawn through them. In the event of elevated fibre counts on air samples, a field blank will be counted in order to exclude the possibility of contamination causing the elevated fibre count.

This test report may not be reproduced other than in full, except with the prior written approval of the issuing laboratory.

Air sampling and fibre counting fall within Environmental Essentials' scope of UKAS accreditation however, opinions and interpretations that may be expressed within this report are outside the scope of UKAS accreditation.

Certificate of cleanliness following works with non-licensed materials which may have been undertaken and witnessed as part of this project are not covered by Environmental Essentials' scope of UKAS accreditation.



2719

AIR MONITORING TEST CERTIFICATE



Client Name and Address:	ASDA Stores Ltd, ASDA House, Southbank, Great Wilson Street, Leeds, LS11 5AD	Project Number:	P-310908
Site Address:	Ferring (4792), Littlehampton Road, Ferring, Worthing, BN12 6PN	Date:	31/10/2018
Work Location:	Asda Ferring PFS	Certificate Number:	20181031/SPA/001

Microscope No:	M9	NPL Test Slide	3105	Stage Micrometer:	SM9	Timepiece:	DB33
Testing Kit No:	N/A	Test band observed:	5	Graticule Diameter(μm):	100.0	Exposed filter diameter:	22.0
Flow meter:	F14a	Barometer/Thermometer:	DB33	Pressure (mb):	1021	Temperature (°C):	17

Sample Number	Sample Type	Pump No	Cowl No	Sample Location	Sampling Times		Duration (mins)	Flow Rates (l/min)		Mean Flow Rate (l/min)	Sample Volume (litres)	Fibres Counted	Graticule Fields	LoQ* (f/ml)	Calculated Result (f/ml)	Reported Result (f/ml)
					Start	Finish		Start	Finish							
001	R	P87	24	Rear of car park next to public footpath	08:37	10:37	120	4.0	4.0	4.00	480	2.0	200	0.010	0.0010	< 0.01
002	R	P217	24	Right side of site car park next to public footpath	08:39	10:40	121	4.0	4.0	4.00	484	1.0	189	0.010	0.0005	< 0.01
003	R	P19	235	Next to site entrance	08:42	10:43	121	4.0	4.0	4.00	484	0	189	0.010	0.0000	< 0.01
004	R	P8	115	Next to enclosure set up trench 1	08:45	10:48	123	4.0	4.0	4.00	492	2.5	186	0.010	0.0013	< 0.01
005	FB	-	FB01	001 R	-	-	-	-	-	-	-	Not Counted	Not Counted	-	-	-
006	R	P217	24	Middle of site	12:01	14:02	121	4.0	4.0	4.00	484	1.5	189	0.010	0.0008	< 0.01
007	R	P8	232	Middle of site car park	12:03	14:05	122	4.0	4.0	4.00	488	1.5	188	0.010	0.0008	< 0.01
008	R	P19	115	Next to visual panel during build and set up of enclosure	12:08	14:15	127	4.0	4.0	4.00	508	4.5	180	0.010	0.0024	< 0.01

*LoQ = Limit of quantification

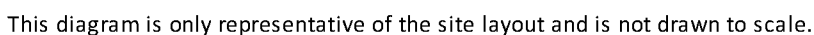
Comments: Reassurance air monitoring carried out to determine airborne fibre concentration during prep and set up of enclosure and around public footpaths. Results satisfactory below limit of quantification <0.01. Reassurance air monitoring carried out around site during dig of trial holes. Results satisfactory below limit of quantification <0.01, no suspicious material found within trial holes.																
Analyst(s) (print):	Simon Pratt	Signature(s):										Date:	31/10/2018 15:16			

Quality Doc No: M/Doc19 - 8 - 30/06/18

Page No: 2 of 2

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essentials

NB DIAGRAM FOR CERTIFICATE OF RE-OCCUPATION MUST BE INCLUSIVE OF APPROXIMATE ENCLOSURE DIMENSIONS



Quality Doc No: M/Doc73 - 4 - 041018 Page No: 1 of 1



2719

AIR MONITORING TEST REPORT



Client Details	ASDA Stores Ltd	Project Number:	P-310908
	ASDA House, Southbank, Great Wilson Street, Leeds, LS11 5AD	Shift Number:	9
		Certificate Number:	20181101/SPA/001
Site Address	Ferring (4792), Littlehampton Road, Ferring, Worthing, BN12 6PN	Issued Date:	01/11/2018
		Issued by (print):	Simon Pratt
		Issued by (signature):	

Environmental Essentials' Issuing Laboratory

Lab L6, Unit C Faraday Court, Faraday Road, Crawley, West Sussex, RH10 9PU

Four stage site clearance procedures, air monitoring and fibre counting are undertaken in accordance with Environmental Essentials' in-house procedures which are based on the methodologies specified within HSE document HSG 248 Asbestos: The analysts' guide for sampling, analysis and clearance procedures.

All air tests will have one of the following suffix codes which will indicate the purpose of the test:

Sample Type B – Background Testing.

This testing is undertaken to establish a background level of airborne fibres prior to any remediation works being carried out.

Sample Type L – Leak Testing.

This testing is undertaken during works involving asbestos around the perimeter of a 'live' removal enclosure, in order to assess the effectiveness of control measures in place in particular the enclosure itself. Usually a sample of at least 480 litres of air will be taken, however shorter sampling periods or "pooled" sampling strategies may be adopted if the analyst suspects an enclosure breach, for example.

Sample Type C – Clearance Testing.

This testing is undertaken following the removal or encapsulation of asbestos materials within an enclosure in order to ascertain the quantification of airborne fibres compared with the clearance indicator level of 0.01 f/ml. At least 480 litres of air must be taken per sample. A clearance test will also be undertaken when assessing the suitability of a decontamination unit following completion of works.

For an area to be deemed as suitable for normal occupancy following asbestos remediation, at least 80% of the air test results must be below the clearance indicator level, whilst all results must be below 0.015 f/ml.

Sample Type R – Reassurance Testing.

This testing is undertaken in certain circumstances to confirm that airborne fibre levels are below 0.01 f/ml. For example, following the removal of an asbestos removal enclosure or as an assessment of an area for continued normal occupancy. At least 480 litres of air must be taken per sample.

Sample Type A – Personal Assessment Testing.

This testing will be undertaken during abatement works involving asbestos in order to assess the suitability of the respiratory protective equipment being used and also the effectiveness of the dust suppression methods in place. At least 40 litres of air must be sampled and the quantification limit will be calculated accordingly.

Sample Type P – Personal Compliance Testing.

This testing is undertaken in order to assess whether or not personal exposures are in compliance with the 4-hour Control Limit as defined within the ACOP L143 – Control of Asbestos Regulations (CAR) 2012.

Sample Type FB – Field Blank.

Field blanks are generated from satisfactory filter batches and treated in the same way as filters used for air sampling but without any air being drawn through them. In the event of elevated fibre counts on air samples, a field blank will be counted in order to exclude the possibility of contamination causing the elevated fibre count.

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Air sampling and fibre counting fall within Environmental Essentials' scope of UKAS accreditation however, opinions and interpretations that may be expressed within this report are outside the scope of UKAS accreditation.

Certificate of cleanliness following works with non-licensed materials which may have been undertaken and witnessed as part of this project are not covered by Environmental Essentials' scope of UKAS accreditation.



2719

AIR MONITORING TEST CERTIFICATE



Client Name and Address:	ASDA Stores Ltd, ASDA House, Southbank, Great Wilson Street, Leeds, LS11 5AD	Project Number:	P-310908
Site Address:	Ferring (4792), Littlehampton Road, Ferring, Worthing, BN12 6PN	Date:	01/11/2018
Work Location:	Asda Ferring PFS	Certificate Number:	20181101/SPA/001

Microscope No:	M9	NPL Test Slide	3105	Stage Micrometer:	SM9	Timepiece:	DB33
Testing Kit No:	N/A	Test band observed:	5	Graticule Diameter(μm):	100.0	Exposed filter diameter:	22.0
Flow meter:	F14a	Barometer/Thermometer:	DB33	Pressure (mb):	1019	Temperature (°C):	18

Sample Number	Sample Type	Pump No	Cowl No	Sample Location	Sampling Times		Duration (mins)	Flow Rates (l/min)		Mean Flow Rate (l/min)	Sample Volume (litres)	Fibres Counted	Graticule Fields	LoQ* (f/ml)	Calculated Result (f/ml)	Reported Result (f/ml)
					Start	Finish		Start	Finish							
001	R	P87	232	Right side of site car park next to public footpath	08:40	10:41	121	4.0	4.0	4.00	484	1.0	189	0.010	0.0005	< 0.01
002	R	P217	286	Rear of site car park next to public footpath	08:41	10:41	120	4.0	4.0	4.00	480	0.5	200	0.010	0.0003	< 0.01
003	L	P19	235	Right side of enclosure next to visual panels	10:01	12:04	123	4.0	4.0	4.00	492	0.5	186	0.010	0.0003	< 0.01
004	L	P8	8E7	Next to NPU	10:02	12:04	122	4.0	4.0	4.00	488	0.5	188	0.010	0.0003	< 0.01
005	FB	-	FB01	004 L	-	-	-	-	-	-	-	Not Counted	Not Counted	-	-	-
006	L	P217	232	Left side of enclosure	12:15	14:15	120	4.0	4.0	4.00	480	1.0	200	0.010	0.0005	< 0.01
007	A	P96	115	On operative during hand dig and pick within enclosure. T. Wilson wearing full face and type 5 suit.	12:30	14:08	98	2.0	2.0	2.00	196	2.5	100	0.05	0.0062	< 0.049

*LoQ = Limit of quantification

Comments: Reassurance air monitoring carried out to determine airborne fibre concentration along public footpaths on site. Results satisfactory below limit of quantification <0.01 Leak air monitoring carried out around enclosure during removal works under fully controlled conditions. Results satisfactory below limit of quantification <0.01 Personal air monitoring carried out on operative T. Wilson during hand dig and hand pick within enclosure under fully controlled conditions.																
Analyst(s) (print):	Simon Pratt	Signature(s):													Date:	01/11/2018 15:41

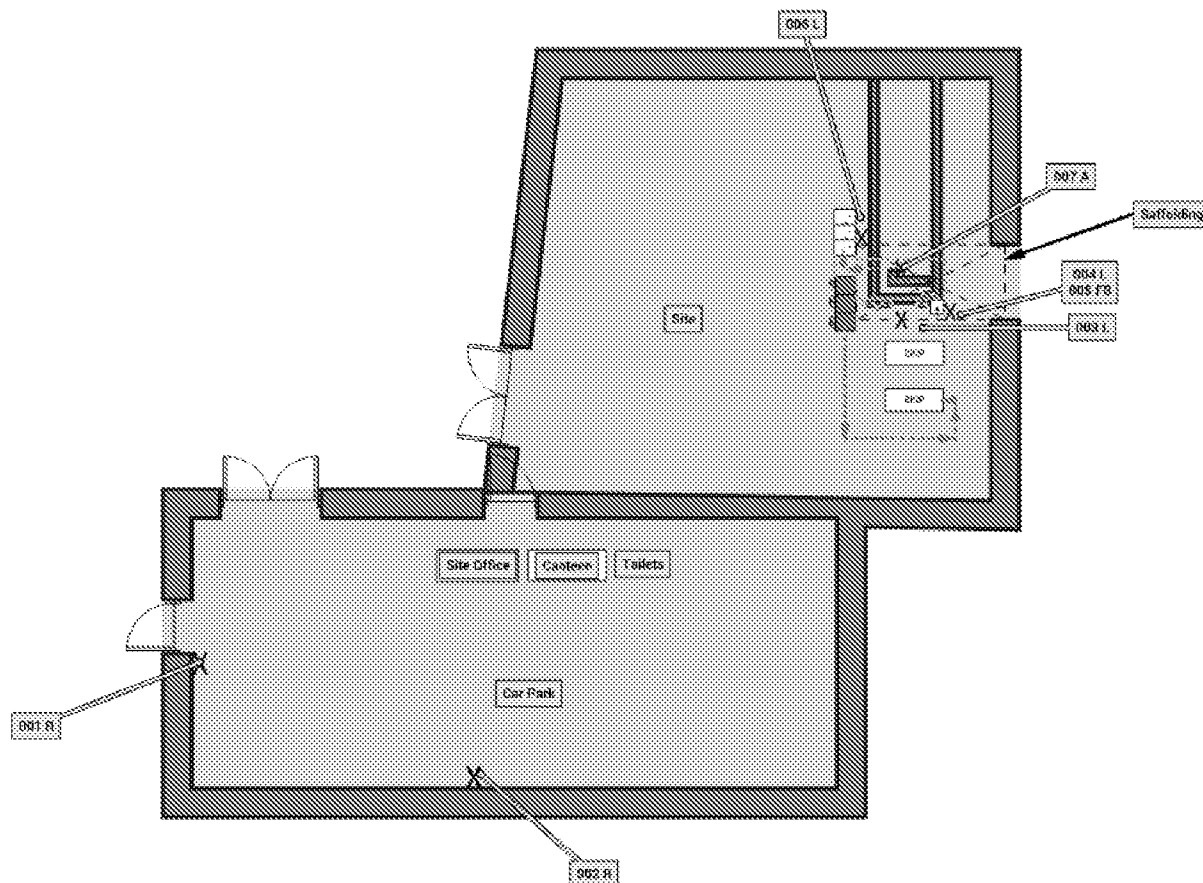
Quality Doc No: M/Doc19 - 8 - 30/06/18

Page No: 2 of 2

SITE LAYOUT

Client Name and Address:	ASDA Stores Ltd, ASDA House, Southbank, Great Wilson Street, Leeds, LS11 5AD	Project Number:	P-310908
Site Address:	Ferring (4792), Littlehampton Road, Ferring, Worthing, BN12 6PN	Certificate Number:	20181101/SPA/001

NB DIAGRAM FOR CERTIFICATE OF RE-OCCUPATION MUST BE INCLUSIVE OF APPROXIMATE ENCLOSURE DIMENSIONS



KEY FOR DIAGRAM

	Air Locks		Polythene Sheeting		Waste Skip		Viewing Panels
	Negative Pressure Unit		Flexible ducting		Asbestos Contractor Vehicle		Asbestos remaining
	Transit Route		Decontamination Unit	X	Sample Locations		

This diagram is only representative of the site layout and is not drawn to scale.

Analyst Name(s):	Simon Pratt	ARC Supervisor Name:	N/A	Date:	01/11/2018
Analyst Signature(s):		ARC Supervisor Signature:	N/A		

Quality Doc No: M/Doc73 - 4 - 041018

Page No: 1 of 1



2719

AIR MONITORING TEST REPORT



Client Details	ASDA Stores Ltd	Project Number:	P-310908
	ASDA House, Southbank, Great Wilson Street, Leeds, LS11 5AD	Shift Number:	10
		Certificate Number:	20181102/SPA/001
Site Address	Ferring (4792), Littlehampton Road, Ferring, Worthing, BN12 6PN	Issued Date:	02/11/2018
		Issued by (print):	Simon Pratt
		Issued by (signature):	

Environmental Essentials' Issuing Laboratory

Lab L6, Unit C Faraday Court, Faraday Road, Crawley, West Sussex, RH10 9PU

Four stage site clearance procedures, air monitoring and fibre counting are undertaken in accordance with Environmental Essentials' in-house procedures which are based on the methodologies specified within HSE document HSG 248 Asbestos: The analysts' guide for sampling, analysis and clearance procedures.

All air tests will have one of the following suffix codes which will indicate the purpose of the test:

Sample Type B – Background Testing.

This testing is undertaken to establish a background level of airborne fibres prior to any remediation works being carried out.

Sample Type L – Leak Testing.

This testing is undertaken during works involving asbestos around the perimeter of a 'live' removal enclosure, in order to assess the effectiveness of control measures in place in particular the enclosure itself. Usually a sample of at least 480 litres of air will be taken, however shorter sampling periods or "pooled" sampling strategies may be adopted if the analyst suspects an enclosure breach, for example.

Sample Type C – Clearance Testing.

This testing is undertaken following the removal or encapsulation of asbestos materials within an enclosure in order to ascertain the quantification of airborne fibres compared with the clearance indicator level of 0.01 f/ml. At least 480 litres of air must be taken per sample. A clearance test will also be undertaken when assessing the suitability of a decontamination unit following completion of works.

For an area to be deemed as suitable for normal occupancy following asbestos remediation, at least 80% of the air test results must be below the clearance indicator level, whilst all results must be below 0.015 f/ml.

Sample Type R – Reassurance Testing.

This testing is undertaken in certain circumstances to confirm that airborne fibre levels are below 0.01 f/ml. For example, following the removal of an asbestos removal enclosure or as an assessment of an area for continued normal occupancy. At least 480 litres of air must be taken per sample.

Sample Type A – Personal Assessment Testing.

This testing will be undertaken during abatement works involving asbestos in order to assess the suitability of the respiratory protective equipment being used and also the effectiveness of the dust suppression methods in place. At least 40 litres of air must be sampled and the quantification limit will be calculated accordingly.

Sample Type P – Personal Compliance Testing.

This testing is undertaken in order to assess whether or not personal exposures are in compliance with the 4-hour Control Limit as defined within the ACOP L143 – Control of Asbestos Regulations (CAR) 2012.

Sample Type FB – Field Blank.

Field blanks are generated from satisfactory filter batches and treated in the same way as filters used for air sampling but without any air being drawn through them. In the event of elevated fibre counts on air samples, a field blank will be counted in order to exclude the possibility of contamination causing the elevated fibre count.

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2719

AIR MONITORING TEST CERTIFICATE



Client Name and Address:	ASDA Stores Ltd, ASDA House, Southbank, Great Wilson Street, Leeds, LS11 5AD	Project Number:	P-310908
Site Address:	Ferring (4792), Littlehampton Road, Ferring, Worthing, BN12 6PN	Date:	02/11/2018
Work Location:	Asda Ferring PFS	Certificate Number:	20181102/SPA/001

Microscope No:	M9	NPL Test Slide	3105	Stage Micrometer:	SM9	Timepiece:	DB33
Testing Kit No:	N/A	Test band observed:	5	Graticule Diameter(μm):	100.0	Exposed filter diameter:	22.0
Flow meter:	F14a	Barometer/Thermometer:	DB33	Pressure (mb):	1041	Temperature (°C):	16

Sample Number	Sample Type	Pump No	Cowl No	Sample Location	Sampling Times		Duration (mins)	Flow Rates (l/min)		Mean Flow Rate (l/min)	Sample Volume (litres)	Fibres Counted	Graticule Fields	LoQ* (f/ml)	Calculated Result (f/ml)	Reported Result (f/ml)
					Start	Finish		Start	Finish							
001	R	P217	24	Rear of site car park next to public footpath	09:10	11:15	125	4.0	4.0	4.00	500	0.5	183	0.010	0.0003	< 0.01
002	R	P19	001	Right side of site car park next to public footpath	09:11	11:15	124	4.0	4.0	4.00	496	1.0	185	0.010	0.0005	< 0.01
003	L	P87	232	Next to visual panels right side of enclosure	09:12	11:15	123	4.0	4.0	4.00	492	2.0	186	0.010	0.0011	< 0.01
004	L	P8	115	Next to NPU	09:13	11:17	124	4.0	4.0	4.00	496	1.0	185	0.010	0.0005	< 0.01
005	FB	-	FB01	004 L	-	-	-	-	-	-	-	Not Counted	Not Counted	-	-	-
006	A	P96	286	On operative:- Alex. U, during hand dig within enclosure	10:19	12:41	142	2.0	2.0	2.00	284	2.5	100	0.03	0.0043	< 0.034
007	L	P8	115	Next to NPU	12:57	14:57	120	4.0	4.0	4.00	480	1.0	200	0.010	0.0005	< 0.01
008	L	P217	24	Middle of car park	12:59	14:59	120	4.0	4.0	4.00	480	0.5	200	0.010	0.0003	< 0.01

*LoQ = Limit of quantification

Comments:			
Leak air monitoring carried out to determine airborne fibre concentration during removal work being carried out under fully controlled conditions. Results satisfactory below limit of quantification <0.01.			
Analyst(s) (print):	Simon Pratt	Signature(s):	
		Date:	02/11/2018 15:30

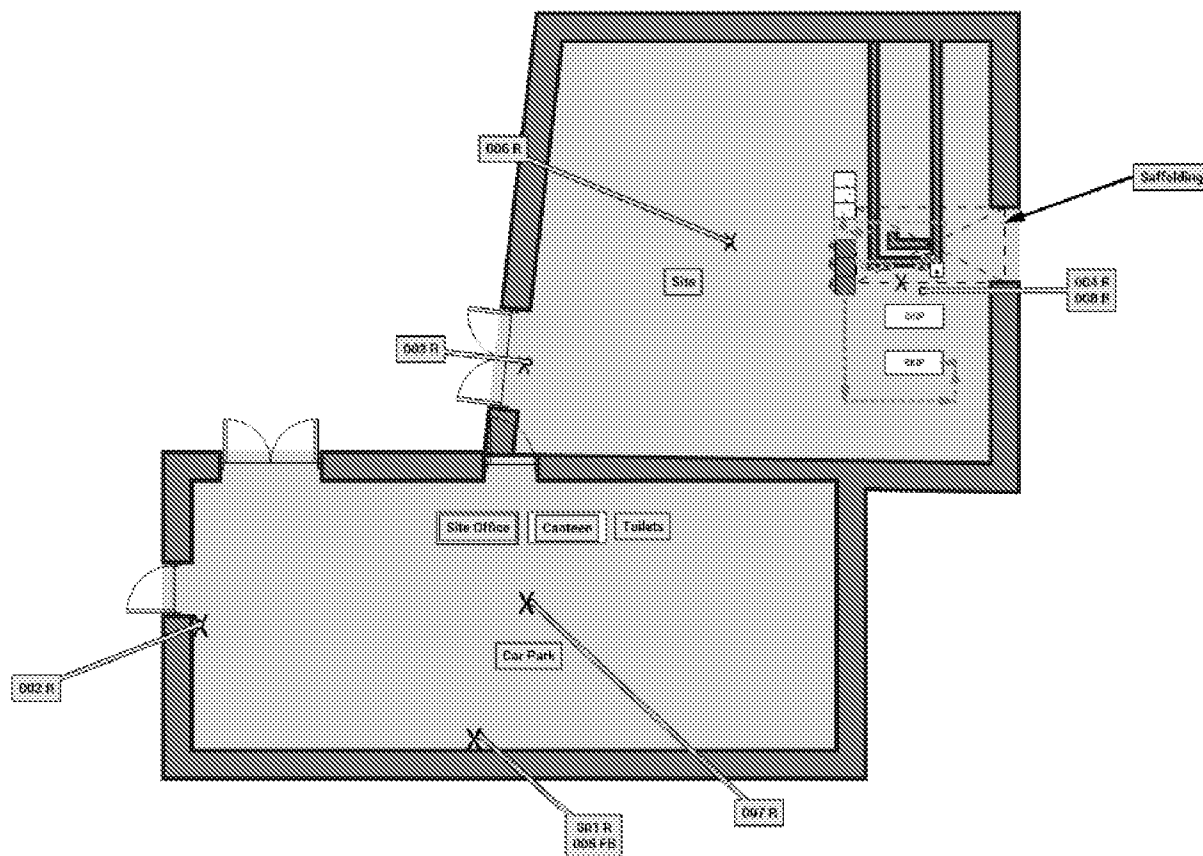
Quality Doc No: M/Doc19 - 8 - 30/06/18

Page No: 2 of 2

SITE LAYOUT

Client Name and Address:	ASDA Stores Ltd, ASDA House, Southbank, Great Wilson Street, Leeds, LS11 5AD	Project Number:	P-310908
Site Address:	Ferring (4792), Littlehampton Road, Ferring, Worthing, BN12 6PN	Certificate Number:	20181102/SPA/001

NB DIAGRAM FOR CERTIFICATE OF RE-OCCUPATION MUST BE INCLUSIVE OF APPROXIMATE ENCLOSURE DIMENSIONS



KEY FOR DIAGRAM

	Air Locks		Polythene Sheeting		Waste Skip		Viewing Panels
	Negative Pressure Unit		Flexible ducting		Asbestos Contractor Vehicle		Asbestos remaining
	Transit Route		Decontamination Unit	X	Sample Locations		

This diagram is only representative of the site layout and is not drawn to scale.

Analyst Name(s):	Simon Pratt	ARC Supervisor Name:	N/A	Date:	02/11/2018
Analyst Signature(s):		ARC Supervisor Signature:	N/A		

Quality Doc No: M/Doc73 - 4 - 041018

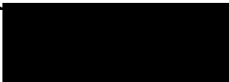
Page No: 1 of 1



2719

AIR MONITORING TEST REPORT



Client Details	ASDA Stores Ltd	Project Number:	P-310908
	ASDA House, Southbank, Great Wilson Street, Leeds, LS11 5AD	Shift Number:	11
		Certificate Number:	20181105/SPA/001
Site Address	Ferring (4792), Littlehampton Road, Ferring, Worthing, BN12 6PN	Issued Date:	05/11/2018
		Issued by (print):	Simon Pratt
		Issued by (signature):	

Environmental Essentials' Issuing Laboratory

Lab L6, Unit C Faraday Court, Faraday Road, Crawley, West Sussex, RH10 9PU

Four stage site clearance procedures, air monitoring and fibre counting are undertaken in accordance with Environmental Essentials' in-house procedures which are based on the methodologies specified within HSE document HSG 248 Asbestos: The analysts' guide for sampling, analysis and clearance procedures.

All air tests will have one of the following suffix codes which will indicate the purpose of the test:

Sample Type B – Background Testing.

This testing is undertaken to establish a background level of airborne fibres prior to any remediation works being carried out.

Sample Type L – Leak Testing.

This testing is undertaken during works involving asbestos around the perimeter of a 'live' removal enclosure, in order to assess the effectiveness of control measures in place in particular the enclosure itself. Usually a sample of at least 480 litres of air will be taken, however shorter sampling periods or "pooled" sampling strategies may be adopted if the analyst suspects an enclosure breach, for example.

Sample Type C – Clearance Testing.

This testing is undertaken following the removal or encapsulation of asbestos materials within an enclosure in order to ascertain the quantification of airborne fibres compared with the clearance indicator level of 0.01 f/ml. At least 480 litres of air must be taken per sample. A clearance test will also be undertaken when assessing the suitability of a decontamination unit following completion of works.

For an area to be deemed as suitable for normal occupancy following asbestos remediation, at least 80% of the air test results must be below the clearance indicator level, whilst all results must be below 0.015 f/ml.

Sample Type R – Reassurance Testing.

This testing is undertaken in certain circumstances to confirm that airborne fibre levels are below 0.01 f/ml. For example, following the removal of an asbestos removal enclosure or as an assessment of an area for continued normal occupancy. At least 480 litres of air must be taken per sample.

Sample Type A – Personal Assessment Testing.

This testing will be undertaken during abatement works involving asbestos in order to assess the suitability of the respiratory protective equipment being used and also the effectiveness of the dust suppression methods in place. At least 40 litres of air must be sampled and the quantification limit will be calculated accordingly.

Sample Type P – Personal Compliance Testing.

This testing is undertaken in order to assess whether or not personal exposures are in compliance with the 4-hour Control Limit as defined within the ACOP L143 – Control of Asbestos Regulations (CAR) 2012.

Sample Type FB – Field Blank.

Field blanks are generated from satisfactory filter batches and treated in the same way as filters used for air sampling but without any air being drawn through them. In the event of elevated fibre counts on air samples, a field blank will be counted in order to exclude the possibility of contamination causing the elevated fibre count.

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2719

AIR MONITORING TEST CERTIFICATE



Client Name and Address:	ASDA Stores Ltd, ASDA House, Southbank, Great Wilson Street, Leeds, LS11 5AD	Project Number:	P-310908
Site Address:	Ferring (4792), Littlehampton Road, Ferring, Worthing, BN12 6PN	Date:	05/11/2018
Work Location:	Asda Ferring PFS	Certificate Number:	20181105/SPA/001

Microscope No:	M9	NPL Test Slide	3105	Stage Micrometer:	SM9	Timepiece:	DB33
Testing Kit No:	N/A	Test band observed:	5	Graticule Diameter(µm):	100.0	Exposed filter diameter:	22.0
Flow meter:	F14a	Barometer/Thermometer:	DB33	Pressure (mb):	1019	Temperature (°C):	18

Sample Number	Sample Type	Pump No	Cowl No	Sample Location	Sampling Times		Duration (mins)	Flow Rates (l/min)		Mean Flow Rate (l/min)	Sample Volume (litres)	Fibres Counted	Graticule Fields	LoQ* (f/ml)	Calculated Result (f/ml)	Reported Result (f/ml)
					Start	Finish		Start	Finish							
001	R	P87	24	Canteen used as site lab.	07:45	08:25	40	12.0	12.0	12.00	480	0.5	200	0.010	0.0003	< 0.01

*LoQ = Limit of quantification

Comments: Reassurance air monitoring carried out to determine airborne fibre concentration within site canteen used as site lab. Results satisfactory below limit of quantification <0.01																
Analyst(s) (print):	Simon Pratt	Signature(s):													Date:	05/11/2018 10:00

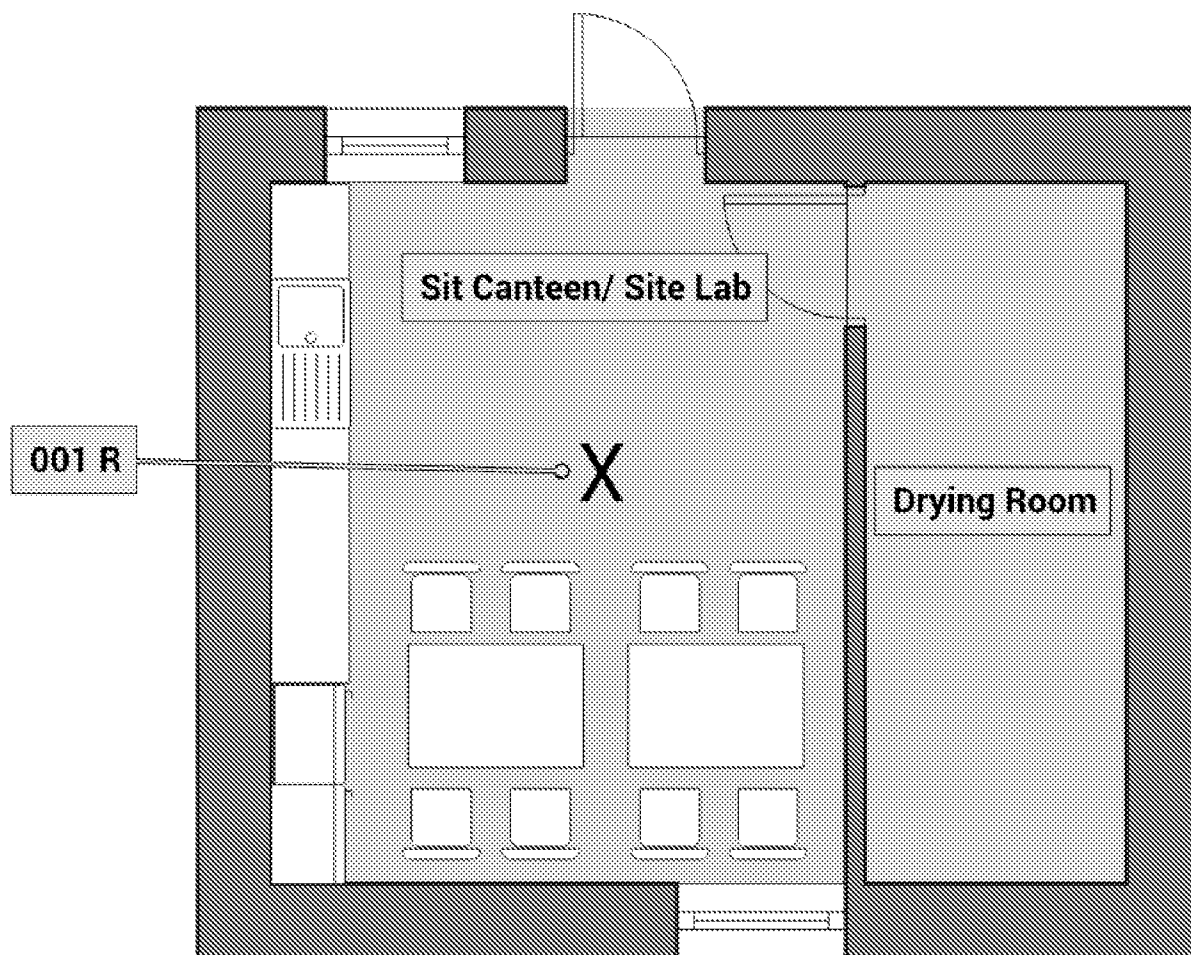
Quality Doc No: M/Doc19 - 8 - 30/06/18

Page No: 2 of 2

SITE LAYOUT

Client Name and Address:	ASDA Stores Ltd, ASDA House, Southbank, Great Wilson Street, Leeds, LS11 5AD	Project Number:	P-310908
Site Address:	Ferring (4792), Littlehampton Road, Ferring, Worthing, BN12 6PN	Certificate Number:	20181105/SPA/001

NB DIAGRAM FOR CERTIFICATE OF RE-OCCUPATION MUST BE INCLUSIVE OF APPROXIMATE ENCLOSURE DIMENSIONS



KEY FOR DIAGRAM

	Air Locks		Polythene Sheeting		Waste Skip		Viewing Panels
	Negative Pressure Unit		Flexible ducting		Asbestos Contractor Vehicle		Asbestos remaining
	Transit Route		Decontamination Unit		Sample Locations		

This diagram is only representative of the site layout and is not drawn to scale.

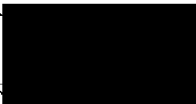
Analyst Name(s):	Simon Pratt	ARC Supervisor Name:	N/A	Date:	05/11/2018
Analyst Signature(s):		ARC Supervisor Signature:	N/A		



2719

AIR MONITORING TEST REPORT



Client Details	ASDA Stores Ltd	Project Number:	P-310908
	ASDA House, Southbank, Great Wilson Street, Leeds, LS11 5AD	Shift Number:	11
		Certificate Number:	20181105/SPA/002
Site Address	Ferring (4792), Littlehampton Road, Ferring, Worthing, BN12 6PN	Issued Date:	05/11/2018
		Issued by (print):	Simon Pratt
		Issued by (signature):	

Environmental Essentials' Issuing Laboratory

Lab L6, Unit C Faraday Court, Faraday Road, Crawley, West Sussex, RH10 9PU

Four stage site clearance procedures, air monitoring and fibre counting are undertaken in accordance with Environmental Essentials' in-house procedures which are based on the methodologies specified within HSE document HSG 248 Asbestos: The analysts' guide for sampling, analysis and clearance procedures.

All air tests will have one of the following suffix codes which will indicate the purpose of the test:

Sample Type B – Background Testing.

This testing is undertaken to establish a background level of airborne fibres prior to any remediation works being carried out.

Sample Type L – Leak Testing.

This testing is undertaken during works involving asbestos around the perimeter of a 'live' removal enclosure, in order to assess the effectiveness of control measures in place in particular the enclosure itself. Usually a sample of at least 480 litres of air will be taken, however shorter sampling periods or "pooled" sampling strategies may be adopted if the analyst suspects an enclosure breach, for example.

Sample Type C – Clearance Testing.

This testing is undertaken following the removal or encapsulation of asbestos materials within an enclosure in order to ascertain the quantification of airborne fibres compared with the clearance indicator level of 0.01 f/ml. At least 480 litres of air must be taken per sample. A clearance test will also be undertaken when assessing the suitability of a decontamination unit following completion of works.

For an area to be deemed as suitable for normal occupancy following asbestos remediation, at least 80% of the air test results must be below the clearance indicator level, whilst all results must be below 0.015 f/ml.

Sample Type R – Reassurance Testing.

This testing is undertaken in certain circumstances to confirm that airborne fibre levels are below 0.01 f/ml. For example, following the removal of an asbestos removal enclosure or as an assessment of an area for continued normal occupancy. At least 480 litres of air must be taken per sample.

Sample Type A – Personal Assessment Testing.

This testing will be undertaken during abatement works involving asbestos in order to assess the suitability of the respiratory protective equipment being used and also the effectiveness of the dust suppression methods in place. At least 40 litres of air must be sampled and the quantification limit will be calculated accordingly.

Sample Type P – Personal Compliance Testing.

This testing is undertaken in order to assess whether or not personal exposures are in compliance with the 4-hour Control Limit as defined within the ACOP L143 – Control of Asbestos Regulations (CAR) 2012.

Sample Type FB – Field Blank.

Field blanks are generated from satisfactory filter batches and treated in the same way as filters used for air sampling but without any air being drawn through them. In the event of elevated fibre counts on air samples, a field blank will be counted in order to exclude the possibility of contamination causing the elevated fibre count.

This test report may not be reproduced other than in full, except with the prior written approval of the issuing laboratory.

Air sampling and fibre counting fall within Environmental Essentials' scope of UKAS accreditation however, opinions and interpretations that may be expressed within this report are outside the scope of UKAS accreditation.

Certificate of cleanliness following works with non-licensed materials which may have been undertaken and witnessed as part of this project are not covered by Environmental Essentials' scope of UKAS accreditation.



2719

AIR MONITORING TEST CERTIFICATE



Client Name and Address:	ASDA Stores Ltd, ASDA House, Southbank, Great Wilson Street, Leeds, LS11 5AD	Project Number:	P-310908
Site Address:	Ferring (4792), Littlehampton Road, Ferring, Worthing, BN12 6PN	Date:	05/11/2018
Work Location:	Asda Ferring PFS	Certificate Number:	20181105/SPA/002

Microscope No:	M9	NPL Test Slide	3105	Stage Micrometer:	SM9	Timepiece:	DB33
Testing Kit No:	N/A	Test band observed:	5	Graticule Diameter(μm):	100.0	Exposed filter diameter:	22.0
Flow meter:	F14a	Barometer/Thermometer:	DB33	Pressure (mb):	1019	Temperature (°C):	18

Sample Number	Sample Type	Pump No	Cowl No	Sample Location	Sampling Times		Duration (mins)	Flow Rates (l/min)		Mean Flow Rate (l/min)	Sample Volume (litres)	Fibres Counted	Graticule Fields	LoQ* (f/ml)	Calculated Result (f/ml)	Reported Result (f/ml)
					Start	Finish		Start	Finish							
001	L	P19	286	Right side of site car park	09:36	11:37	121	4.0	4.0	4.00	484	1.5	189	0.010	0.0008	< 0.01
002	L	P217	232	Rear of site car park	09:36	11:38	122	4.0	4.0	4.00	488	0.5	188	0.010	0.0003	< 0.01
003	L	P8	24	Next to visual panels right side of enclosure	09:40	11:40	120	4.0	4.0	4.00	480	1.0	200	0.010	0.0005	< 0.01
004	L	P87	01	Next to NPU	09:40	11:43	123	4.0	4.0	4.00	492	2.0	186	0.010	0.0011	< 0.01
005	A	P96	115	On operative:- Alex U. During removal under fully controlled conditions.	09:10	11:50	160	2.0	2.0	2.00	320	3.0	100	0.03	0.0045	< 0.03
006	FB	-	FB01	003 L	-	-	-	-	-	-	-	Not Counted	Not Counted	-	-	-
007	L	217	232	Middle of site car park	12:59	15:00	121	4.0	4.0	4.00	484	0.0	189	0.010	0.0000	< 0.01
008	L	P87	286	Next to NPU	13:00	15:00	120	4.0	4.0	4.00	480	1.0	200	0.010	0.0005	< 0.01

*LoQ = Limit of quantification

Comments: Leak air monitoring carried out to determine airborne fibre concentration during removal works being carried out under fully controlled conditions. Results satisfactory below limit of quantification <0.01																
Analyst(s) (print):	Simon Pratt	Signature(s):													Date:	05/11/2018 15:27

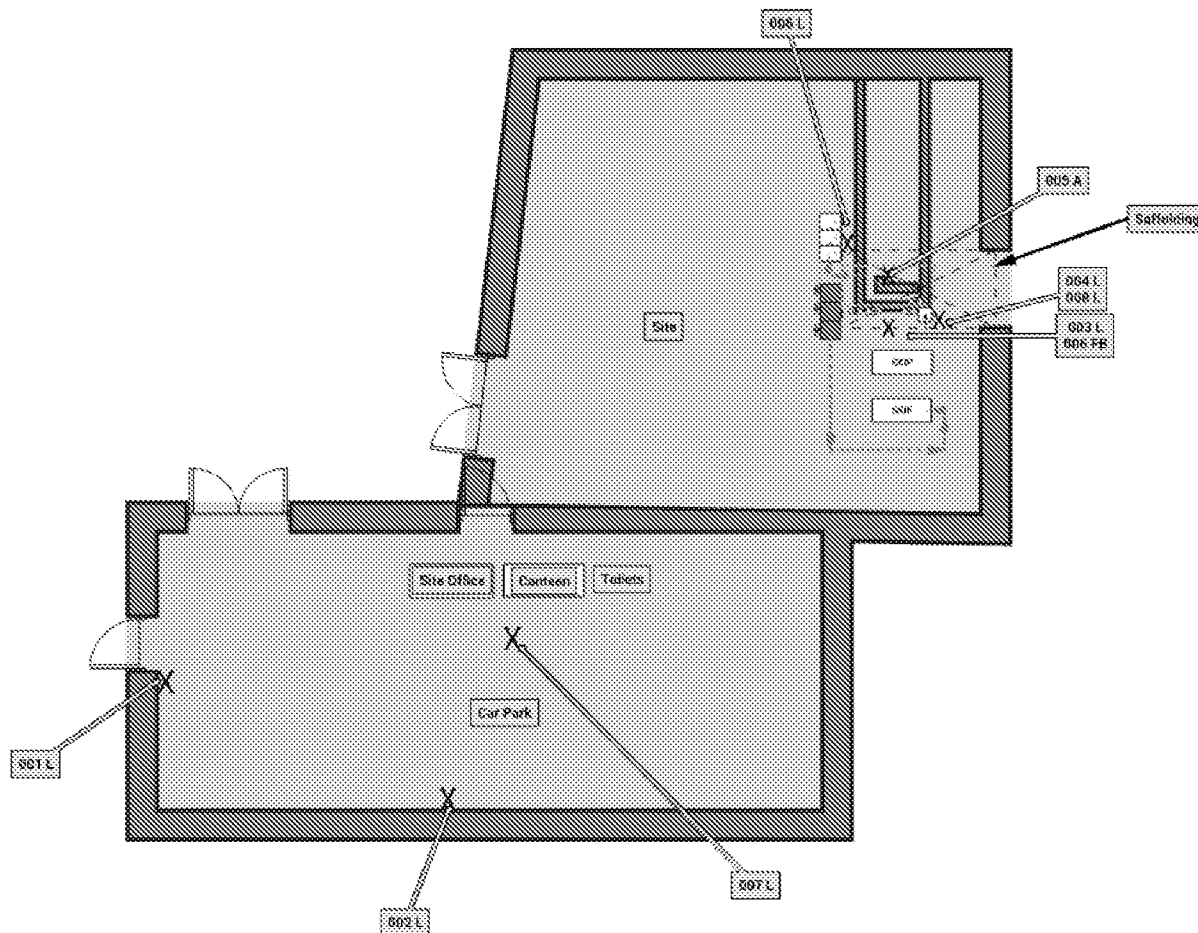
Quality Doc No: M/Doc19 - 8 - 30/06/18

Page No: 2 of 2

SITE LAYOUT

Client Name and Address:	ASDA Stores Ltd, ASDA House, Southbank, Great Wilson Street, Leeds, LS11 5AD	Project Number:	P-310908
Site Address:	Ferring (4792), Littlehampton Road, Ferring, Worthing, BN12 6PN	Certificate Number:	20181105/SPA/002

NB DIAGRAM FOR CERTIFICATE OF RE-OCCUPATION MUST BE INCLUSIVE OF APPROXIMATE ENCLOSURE DIMENSIONS



KEY FOR DIAGRAM

	Air Locks		Polythene Sheeting		Waste Skip		Viewing Panels
	Negative Pressure Unit		Flexible ducting		Asbestos Contractor Vehicle		Asbestos remaining
	Transit Route		Decontamination Unit		Sample Locations		

This diagram is only representative of the site layout and is not drawn to scale.

Analyst Name(s):	Simon Pratt	ARC Supervisor Name:	N/A	Date:	05/11/2018
Analyst Signature(s):		ARC Supervisor Signature:	N/A		

Quality Doc No: M/Doc73 - 4 - 041018

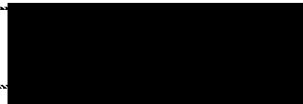
Page No: 1 of 1



2719

AIR MONITORING TEST REPORT



Client Details	ASDA Stores Ltd	Project Number:	P-310908
	ASDA House, Southbank, Great Wilson Street, Leeds, LS11 5AD	Shift Number:	12
		Certificate Number:	20181106/SPA/001
Site Address	Ferring (4792), Littlehampton Road, Ferring, Worthing, BN12 6PN	Issued Date:	06/11/2018
		Issued by (print):	Simon Pratt
		Issued by (signature):	

Environmental Essentials' Issuing Laboratory

Lab L6, Unit C Faraday Court, Faraday Road, Crawley, West Sussex, RH10 9PU

Four stage site clearance procedures, air monitoring and fibre counting are undertaken in accordance with Environmental Essentials' in-house procedures which are based on the methodologies specified within HSE document HSG 248 Asbestos: The analysts' guide for sampling, analysis and clearance procedures.

All air tests will have one of the following suffix codes which will indicate the purpose of the test:

Sample Type B – Background Testing.

This testing is undertaken to establish a background level of airborne fibres prior to any remediation works being carried out.

Sample Type L – Leak Testing.

This testing is undertaken during works involving asbestos around the perimeter of a 'live' removal enclosure, in order to assess the effectiveness of control measures in place in particular the enclosure itself. Usually a sample of at least 480 litres of air will be taken, however shorter sampling periods or "pooled" sampling strategies may be adopted if the analyst suspects an enclosure breach, for example.

Sample Type C – Clearance Testing.

This testing is undertaken following the removal or encapsulation of asbestos materials within an enclosure in order to ascertain the quantification of airborne fibres compared with the clearance indicator level of 0.01 f/ml. At least 480 litres of air must be taken per sample. A clearance test will also be undertaken when assessing the suitability of a decontamination unit following completion of works.

For an area to be deemed as suitable for normal occupancy following asbestos remediation, at least 80% of the air test results must be below the clearance indicator level, whilst all results must be below 0.015 f/ml.

Sample Type R – Reassurance Testing.

This testing is undertaken in certain circumstances to confirm that airborne fibre levels are below 0.01 f/ml. For example, following the removal of an asbestos removal enclosure or as an assessment of an area for continued normal occupancy. At least 480 litres of air must be taken per sample.

Sample Type A – Personal Assessment Testing.

This testing will be undertaken during abatement works involving asbestos in order to assess the suitability of the respiratory protective equipment being used and also the effectiveness of the dust suppression methods in place. At least 40 litres of air must be sampled and the quantification limit will be calculated accordingly.

Sample Type P – Personal Compliance Testing.

This testing is undertaken in order to assess whether or not personal exposures are in compliance with the 4-hour Control Limit as defined within the ACOP L143 – Control of Asbestos Regulations (CAR) 2012.

Sample Type FB – Field Blank.

Field blanks are generated from satisfactory filter batches and treated in the same way as filters used for air sampling but without any air being drawn through them. In the event of elevated fibre counts on air samples, a field blank will be counted in order to exclude the possibility of contamination causing the elevated fibre count.

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2719

AIR MONITORING TEST CERTIFICATE



Client Name and Address:	ASDA Stores Ltd, ASDA House, Southbank, Great Wilson Street, Leeds, LS11 5AD	Project Number:	P-310908
Site Address:	Ferring (4792), Littlehampton Road, Ferring, Worthing, BN12 6PN	Date:	06/11/2018
Work Location:	Asda Ferring PFS	Certificate Number:	20181106/SPA/001

Microscope No:	M9	NPL Test Slide	3105	Stage Micrometer:	SM9	Timepiece:	DB33
Testing Kit No:	N/A	Test band observed:	5	Graticule Diameter(μm):	100.0	Exposed filter diameter:	22.0
Flow meter:	F14a	Barometer/Thermometer:	DB33	Pressure (mb):	1014	Temperature (°C):	17

Sample Number	Sample Type	Pump No	Cowl No	Sample Location	Sampling Times		Duration (mins)	Flow Rates (l/min)		Mean Flow Rate (l/min)	Sample Volume (litres)	Fibres Counted	Graticule Fields	LoQ* (f/ml)	Calculated Result**	Reported Result (f/ml)
					Start	Finish		Start	Finish							
001	L	P8	001	Right side of site car park	09:01	11:05	124	4.0	4.0	4.00	496	1.0	185	0.01	0.0005	< 0.01
002	L	P19	232	Rear of site car park	09:01	11:07	126	4.0	4.0	4.00	504	0.5	182	0.01	0.0003	< 0.01
003	L	P87	8E7	Next to NPU	09:10	11:11	121	4.0	4.0	4.00	484	1.5	189	0.01	0.0008	< 0.01
005	FB	-	FB01	001 L	-	-	-	-	-	-	-	Not Counted	Not Counted	-	-	-
006	A	P96	24	On operative:- T. Wilson during bagging of contaminated soil	08:56	11:15	139	2.0	2.0	2.00	278	1.0	100	0.04	0.0017	< 0.04
006	L	P87	24	Next to NPU	11:30	13:30	120	4.0	4.0	4.00	480	1.0	200	0.01	0.0005	< 0.01

*LoQ = Limit of quantification **Calculated result is provided for information only and is not intended to imply any greater accuracy of result than the stated limit of quantification.

Comments:																
Leak air monitoring carried out to determine airborne fibre concentration under fully controlled conditions.																
Analyst(s) (print):	Simon Pratt	Signature(s):											Date:	06/11/2018 13:40		

Quality Doc No: M/Doc19 - 9 - TBC

Page No: 2 of 2

environmental
essentials

The diagram is a floor plan of a building, likely a school, showing various rooms and structural elements. The plan is divided into several sections:

- Top Section:** Contains a large room labeled "Gym" and a smaller room labeled "006 L". To the right of the Gym is a staircase area labeled "005 A", "003 L", and "004 L". A "Scaffolding" area is indicated near the staircase.
- Middle Section:** Contains a "Site Office", "Canteen", and "Toilets". Below these is a "Car Park" area.
- Bottom Section:** Contains a large room labeled "001 L" and "004 FB". A "002 L" label is also present near the bottom center.
- Structural Elements:** The plan shows various walls, doors, and structural supports. A "Scaffolding" area is indicated near the staircase.

The diagram is a technical drawing used for a Certificate of Re-Occupation, showing the layout of the building and the locations of various rooms and structural elements. The plan is divided into several sections, each with its own set of labels. The labels are in a standard font, and the drawing is a black and white line drawing.

	Air Locks		Polythene Sheeting		Waste Skip		Viewing Panels
	Negative Pressure Unit		Flexible ducting		Asbestos Contractor Vehicle		Asbestos remaining
	Transit Route		Decontamination Unit		Sample Locations		

Analyst Name(s):	Simon Pratt	Supervisor Name:	N/A	Date:
Analyst Signature(s):		Supervisor Signature:	N/A	06/11/2018



2719

AIR MONITORING TEST REPORT



Client Details	ASDA Stores Ltd	Project Number:	P-310908
	ASDA House, Southbank, Great Wilson Street, Leeds, LS11 5AD	Shift Number:	13
		Certificate Number:	20181107/SPA/001
Site Address	Ferring (4792), Littlehampton Road, Ferring, Worthing, BN12 6PN	Issued Date:	07/11/2018
		Issued by (print):	Simon Pratt
		Issued by (signature):	

Environmental Essentials' Issuing Laboratory

Lab L6, Unit C Faraday Court, Faraday Road, Crawley, West Sussex, RH10 9PU

Four stage site clearance procedures, air monitoring and fibre counting are undertaken in accordance with Environmental Essentials' in-house procedures which are based on the methodologies specified within HSE document HSG 248 Asbestos: The analysts' guide for sampling, analysis and clearance procedures.

All air tests will have one of the following suffix codes which will indicate the purpose of the test:

Sample Type B – Background Testing.

This testing is undertaken to establish a background level of airborne fibres prior to any remediation works being carried out.

Sample Type L – Leak Testing.

This testing is undertaken during works involving asbestos around the perimeter of a 'live' removal enclosure, in order to assess the effectiveness of control measures in place in particular the enclosure itself. Usually a sample of at least 480 litres of air will be taken, however shorter sampling periods or "pooled" sampling strategies may be adopted if the analyst suspects an enclosure breach, for example.

Sample Type C – Clearance Testing.

This testing is undertaken following the removal or encapsulation of asbestos materials within an enclosure in order to ascertain the quantification of airborne fibres compared with the clearance indicator level of 0.01 f/ml. At least 480 litres of air must be taken per sample. A clearance test will also be undertaken when assessing the suitability of a decontamination unit following completion of works.

For an area to be deemed as suitable for normal occupancy following asbestos remediation, at least 80% of the air test results must be below the clearance indicator level, whilst all results must be below 0.015 f/ml.

Sample Type R – Reassurance Testing.

This testing is undertaken in certain circumstances to confirm that airborne fibre levels are below 0.01 f/ml. For example, following the removal of an asbestos removal enclosure or as an assessment of an area for continued normal occupancy. At least 480 litres of air must be taken per sample.

Sample Type A – Personal Assessment Testing.

This testing will be undertaken during abatement works involving asbestos in order to assess the suitability of the respiratory protective equipment being used and also the effectiveness of the dust suppression methods in place. At least 40 litres of air must be sampled and the quantification limit will be calculated accordingly.

Sample Type P – Personal Compliance Testing.

This testing is undertaken in order to assess whether or not personal exposures are in compliance with the 4-hour Control Limit as defined within the ACOP L143 – Control of Asbestos Regulations (CAR) 2012.

Sample Type FB – Field Blank.

Field blanks are generated from satisfactory filter batches and treated in the same way as filters used for air sampling but without any air being drawn through them. In the event of elevated fibre counts on air samples, a field blank will be counted in order to exclude the possibility of contamination causing the elevated fibre count.

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Certificate of cleanliness following works with non-licensed materials which may have been undertaken and witnessed as part of this project are not covered by Environmental Essentials' scope of UKAS accreditation.



2719

AIR MONITORING TEST CERTIFICATE



Client Name and Address:	ASDA Stores Ltd, ASDA House, Southbank, Great Wilson Street, Leeds, LS11 5AD	Project Number:	P-310908
Site Address:	Ferring (4792), Littlehampton Road, Ferring, Worthing, BN12 6PN	Date:	07/11/2018
Work Location:	Asda Ferring PFS	Certificate Number:	20181107/SPA/001

Microscope No:	M9	NPL Test Slide	3105	Stage Micrometer:	SM9	Timepiece:	DB33
Testing Kit No:	N/A	Test band observed:	5	Graticule Diameter(μm):	100.0	Exposed filter diameter:	22.0
Flow meter:	F14a	Barometer/Thermometer:	DB33	Pressure (mb):	1009	Temperature (°C):	16

Sample Number	Sample Type	Pump No	Cowl No	Sample Location	Sampling Times		Duration (mins)	Flow Rates (l/min)		Mean Flow Rate (l/min)	Sample Volume (litres)	Fibres Counted	Graticule Fields	LoQ* (f/ml)	Calculated Result**	Reported Result (f/ml)
					Start	Finish		Start	Finish							
001	L	P8	001	Next to NPU	09:02	11:04	122	4.0	4.0	4.00	488	2.0	188	0.01	0.0011	< 0.01
002	L	P217	24	Next to visual panels right side of enclosure	09:05	11:08	123	4.0	4.0	4.00	492	1.5	186	0.01	0.0008	< 0.01
003	L	P87	8E7	Right side of site car park next to public footpath	09:09	11:10	121	4.0	4.0	4.00	484	0.0	189	0.01	0	< 0.01
004	L	P19	286	Rear of site car park next to public footpath	09:11	11:11	120	4.0	4.0	4.00	480	0.5	200	0.01	0.0003	< 0.01
005	FB	-	FB01	001 L	-	-	-	-	-	-	-	Not Counted	Not Counted	-	-	-
006	A	P96	01	On operative Alex .U. During wire brushing of wall within enclosure under fully controlled conditions	09:45	11:32	107	2.0	2.0	2.00	214	3.0	100	0.04	0.0068	< 0.04
007	L	P87	232	Right side of site car park next to public footpath Failed pump.	12:10	-	-	4.0	-	-	-	-	-	-	-	-
008	L	P19	24	Rear of site car park next to public footpath	12:14	14:14	120	4.0	4.0	4.00	480	0.5	200	0.01	0.0003	< 0.01
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

*LoQ = Limit of quantification **Calculated result is provided for information only and is not intended to imply any greater accuracy of result than the stated limit of quantification.

Comments: Leak air monitoring carried out to determine airborne fibre concentration during removal works being carried out under fully controlled conditions with negative pressure. Results satisfactory below limit of quantification <0.01. Sample 007 L failed due to battery ran out during sampling. Personal air monitoring carried out on operative during wire brushing and clean of wall within enclosure wearing full face RPE and type 5 suit.																
Analyst(s) (print):	Simon Pratt	Signature(s):											Date:	07/11/2018 16:13		

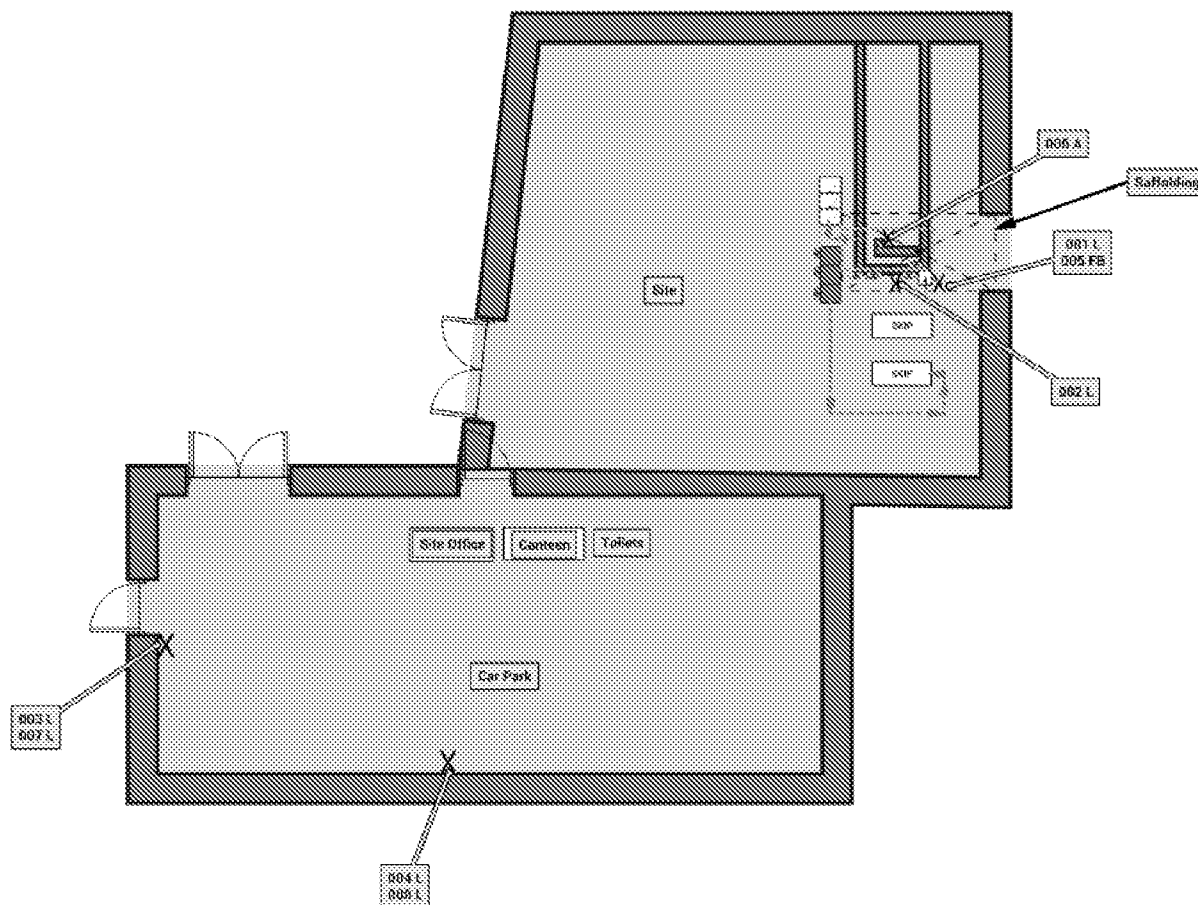
Quality Doc No: M/Doc19 - 9 - TBC

Page No: 2 of 2

SITE LAYOUT

Client Name and Address:	ASDA Stores Ltd, ASDA House, Southbank, Great Wilson Street, Leeds, LS11 5AD	Project Number:	P-310908
Site Address:	Ferring (4792), Littlehampton Road, Ferring, Worthing, BN12 6PN	Certificate Number:	20181107/SPA/001

NB DIAGRAM FOR CERTIFICATE OF RE-OCCUPATION MUST BE INCLUSIVE OF APPROXIMATE ENCLOSURE DIMENSIONS



KEY FOR DIAGRAM

	Air Locks		Polythene Sheeting		Waste Skip		Viewing Panels
	Negative Pressure Unit		Flexible ducting		Asbestos Contractor Vehicle		Asbestos remaining
	Transit Route		Decontamination Unit		Sample Locations		

This diagram is only representative of the site layout and is not drawn to scale.

Analyst Name(s):	Simon Pratt	ARC Supervisor Name:	N/A	Date:	07/11/2018
Analyst Signature(s):		ARC Supervisor Signature:	N/A		

Quality Doc No: M/Doc73 - 4 - 041018

Page No: 1 of 1



2719

AIR MONITORING TEST REPORT



Client Details	ASDA Stores Ltd	Project Number:	P-310908
	ASDA House, Southbank, Great Wilson Street, Leeds, LS11 5AD	Shift Number:	14
		Certificate Number:	20181108/SCA/001
Site Address	Ferring (4792), Littlehampton Road, Ferring, Worthing, BN12 6PN	Issued Date:	09/11/2018 12:30
		Issued by (print):	Stephanie Cave
		Issued by (signature):	

Environmental Essentials' Issuing Laboratory

Lab L6, Unit C Faraday Court, Faraday Road, Crawley, West Sussex, RH10 9PU

Four stage site clearance procedures, air monitoring and fibre counting are undertaken in accordance with Environmental Essentials' in-house procedures which are based on the methodologies specified within HSE document HSG 248 Asbestos: The analysts' guide for sampling, analysis and clearance procedures.

All air tests will have one of the following suffix codes which will indicate the purpose of the test:

Sample Type B – Background Testing.

This testing is undertaken to establish a background level of airborne fibres prior to any remediation works being carried out.

Sample Type L – Leak Testing.

This testing is undertaken during works involving asbestos around the perimeter of a 'live' removal enclosure, in order to assess the effectiveness of control measures in place in particular the enclosure itself. Usually a sample of at least 480 litres of air will be taken, however shorter sampling periods or "pooled" sampling strategies may be adopted if the analyst suspects an enclosure breach, for example.

Sample Type C – Clearance Testing.

This testing is undertaken following the removal or encapsulation of asbestos materials within an enclosure in order to ascertain the quantification of airborne fibres compared with the clearance indicator level of 0.01 f/ml. At least 480 litres of air must be taken per sample. A clearance test will also be undertaken when assessing the suitability of a decontamination unit following completion of works.

For an area to be deemed as suitable for normal occupancy following asbestos remediation, at least 80% of the air test results must be below the clearance indicator level, whilst all results must be below 0.015 f/ml.

Sample Type R – Reassurance Testing.

This testing is undertaken in certain circumstances to confirm that airborne fibre levels are below 0.01 f/ml. For example, following the removal of an asbestos removal enclosure or as an assessment of an area for continued normal occupancy. At least 480 litres of air must be taken per sample.

Sample Type A – Personal Assessment Testing.

This testing will be undertaken during abatement works involving asbestos in order to assess the suitability of the respiratory protective equipment being used and also the effectiveness of the dust suppression methods in place. At least 40 litres of air must be sampled and the quantification limit will be calculated accordingly.

Sample Type P – Personal Compliance Testing.

This testing is undertaken in order to assess whether or not personal exposures are in compliance with the 4-hour Control Limit as defined within the ACOP L143 – Control of Asbestos Regulations (CAR) 2012.

Sample Type FB – Field Blank.

Field blanks are generated from satisfactory filter batches and treated in the same way as filters used for air sampling but without any air being drawn through them. In the event of elevated fibre counts on air samples, a field blank will be counted in order to exclude the possibility of contamination causing the elevated fibre count.

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Certificate of cleanliness following works with non-licensed materials which may have been undertaken and witnessed as part of this project are not covered by Environmental Essentials' scope of UKAS accreditation.



2719

CERTIFICATE OF REOCCUPATION



Project Number:	P-310908	Certificate Number:	20181108/SCA/001
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Client Name and Address	ASDA Stores Ltd ASDA House, Southbank, Great Wilson Street, Leeds, LS11 5AD	Asbestos Removal Contractor Name and Address	RHODAR LIMITED UNIT C ASTRA PARK, PARKSIDE LANE, LEEDS, WEST YORKSHIRE, LS11 5SZ
Site Name and Address	Ferring (4792), Littlehampton Road, Ferring, Worthing, BN12 6PN		
Work Location: Asda Ferring PFS			
Description of the project and of the asbestos materials removed and/or remediated: Removal of ACM debris to excavation; environmental clean of exposed section of buried wall within excavation. Works carried out under fully-controlled conditions.			
Description and location of asbestos materials that are being retained: Potential contamination to deeper levels of soil within excavation.			

CONTRACTOR CONFIRMATION OF ENCLOSURE TESTING AND INSPECTION

Can the LARC Supervisor confirm that smoke integrity and leakage testing were carried out and are records available to confirm?	Yes
Comments:	
Has the LARC Supervisor confirmed that the enclosure inspection (as required with HSG247) has been completed and is satisfactory?	Yes

LARC ACKNOWLEDGEMENT

I can confirm that the enclosure has been inspected and is suitable for the analyst to commence with the Four Stage Clearance Procedure

In order for the work area to be handed back to the Client and deemed as suitable for reoccupancy, all four stages for the Certificate of Reoccupation must be completed satisfactory.

The Four Stage Clearance procedure and accompanying Air Monitoring and Fibre Counting have been undertaken in accordance with Environmental Essentials' in-house procedures, which are based upon the methodologies specified within HSE document HSG248: The analysts' guide for sampling, analysis and clearance procedures.

ARC Name: Dave Harman	ARC S [REDACTED]	Date: 08-11-2018 09:05
-----------------------	------------------	------------------------

STAGE 1: PRELIMINARY INSPECTION	Stage 1 Start: 08-11-2018 09:05
--	---------------------------------

Plan of work checked? Can the ARC confirm that the work carried out matches that specified within the scope of work? (Record any differences and/or ACM's that are known to remain)	Yes
---	-----

Comments:

DCU checked - operational and fit for purpose	Yes	Enclosure operational and intact?	Yes	Vision panel/CCTV present?	Yes	Transit and waste route free from obvious debris?	Yes
Enclosure lighting adequate?	Yes	Suitable Access Equipment present within the enclosure?	Yes	Areas around enclosure, DCU and skip free from obvious debris?	Yes	Suitable Decontamination equipment in airlock?	Yes

Result of Preliminary Inspection (Stage 1)	PASS
---	------

Comments:
Satisfactory

Analyst Name(s): Stephanie Cave	Analyst Signature(s): [REDACTED]	Stage 1 Finish: 08-11-2018 09:15
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Quality Doc No: M/Doc22 - 7 - 280415

Page No: 2 of 8



2719

CERTIFICATE OF REOCCUPATION



Project Number:	P-310908	Certificate Number:	20181108/SCA/001
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STAGE 2: VISUAL INSPECTION	Stage 2 Start: 08/11/2018 09:40
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Airlock/baglock and enclosure are free from waste, materials and unnecessary equipment	Yes	Enclosure and airlocks following inspection are visibly clean of debris and dust within the limits of accessibility	Yes	Asbestos materials have been removed, encapsulated or enclosed as per the plan of work	Yes	Surfaces inside the enclosure show no signs of debris or fine settled dust	Yes
Asbestos materials that are to remain within the enclosure are in a safe condition and are marked on the site diagram	Yes	Any evidence of the use of sealant or lock down spray that was not instructed?	No	The enclosure is dry and is suitable for Stage 3 Air Testing	Yes	The inspection was undertaken in the presence of ARC Operative(s)	Yes

The following items/areas were sheeted over and excluded from the inspection:

N/A

Result of Visual Inspection (Stage 2)	PASS
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Comments:

Enclosure is an external excavation, comprised almost entirely of soil. The top layers of soil have been removed and any visible ACM debris removed, but this is unable to be considered 'clean' in the usual sense. The remainder of the soil is planned to be excavated under locally-controlled conditions. There is a partially-buried wall within the excavation which has been cleaned of any loose debris to a depth of 1m. More of the wall will be uncovered during continued excavation works, and this has not been checked at this time. Area has been cleaned as far as reasonably practicable.

Analyst Name(s): Stephanie Cave	Analyst Signature(s):	Stage 2 Finish: 08/11/2018 10:15	Visual Inspection Duration: 35 mins
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STAGE 3: CLEARANCE AIR MONITORING
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Volume of the enclosure(m3)	105	Disturbance method	Hand Brushed	All areas dry	Yes
Number of air samples	3	Disturbance duration	4.5mins	NPU's deactivated and pre filter changed and capped	Yes

Result of Clearance Air Monitoring (Stage 3)	PASS
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Comments:

At time of testing, air monitoring results were below

Analyst Name(s): Stephanie Cave	Analyst Signature(s):	Date & Time:	08/11/2018 11:55
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2719

CERTIFICATE OF REOCCUPATION



Project Number:	P-310908	Certificate Number:	20181108/SCA/001
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STAGE 4: FINAL ASSESSMENT

The enclosure has been dismantled and all associated equipment and materials have been removed	Yes	Former work area is visibly free of obvious asbestos debris, materials and waste	Yes	Reassurance air tests conducted? (If yes reference air test certificate below)	No
Transit and waste routes and the immediate surrounding areas are free of obvious asbestos debris, materials and waste	Yes	ACM's that are remaining in situ are in safe condition and are detailed within the certificate of reoccupation	Yes	Photographs taken of the former work areas and transit and waste routes	Yes

Result of Final Assessment (Stage 4)	PASS
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Comments:

All enclosure materials have been removed, as well as the scaffolding setup around the work area. DCU and skips remains on site to be removed at a later time.

Analyst Name(s): Stephanie Cave	Analyst Signature(s):	Stage 4 Finish: 09/11/2018 12:30
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ACKNOWLEDGEMENT

I have been advised by Stephanie Cave of Environmental Essentials Ltd that the Certificate of Reoccupation can be issued with successfully passing all applicable stages

Analyst Name(s): Stephanie Cave	Analyst Signature(s):	Date: 09/11/2018 12:30
ARC Supervisor Name: Dave Harman	ARC Supervisor Signature:	



2719

AIR MONITORING TEST CERTIFICATE



Client Name and Address:	ASDA Stores Ltd, ASDA House, Southbank, Great Wilson Street, Leeds, LS11 5AD	Project Number:	P-310908
Site Address:	Ferring (4792), Littlehampton Road, Ferring, Worthing, BN12 6PN	Date:	08/11/2018
Work Location:	Asda Ferring PFS	Certificate Number:	20181108/SCA/001

Microscope No:	M47	NPL Test Slide	6925	Stage Micrometer:	SM49	Timepiece:	DB65
Testing Kit No:	A52	Test band observed:	5	Graticule Diameter(μm):	100.0	Exposed filter diameter:	22.0
Flow meter:	F42 / LF42	Barometer/Thermometer:	DB65	Pressure (mb):	1009	Temperature (°C):	18

Sample Number	Sample Type	Pump No	Cowl No	Sample Location	Sampling Times		Duration (mins)	Flow Rates (l/min)		Mean Flow Rate (l/min)	Sample Volume (litres)	Fibres Counted	Graticule Fields	LoQ* (f/ml)	Calculated Result (f/ml)	Reported Result (f/ml)
					Start	Finish		Start	Finish							
001	C	P340	340	Within enclosure	10:17	11:17	60	8.0	8.0	8.00	480	3	200	0.01	0.0015	< 0.01
002	C	P345	345	Within enclosure	10:17	11:17	60	8.0	8.0	8.00	480	4.5	200	0.01	0.0023	< 0.01
003	C	P346	346	Within enclosure	10:17	11:17	60	8.0	8.0	8.00	480	4	200	0.01	0.002	< 0.01
004	FB	-	FB52	With sample 003C	-	-	-	-	-	-	-	Not Counted	Not Counted	-	-	-

*LoQ = Limit of quantification

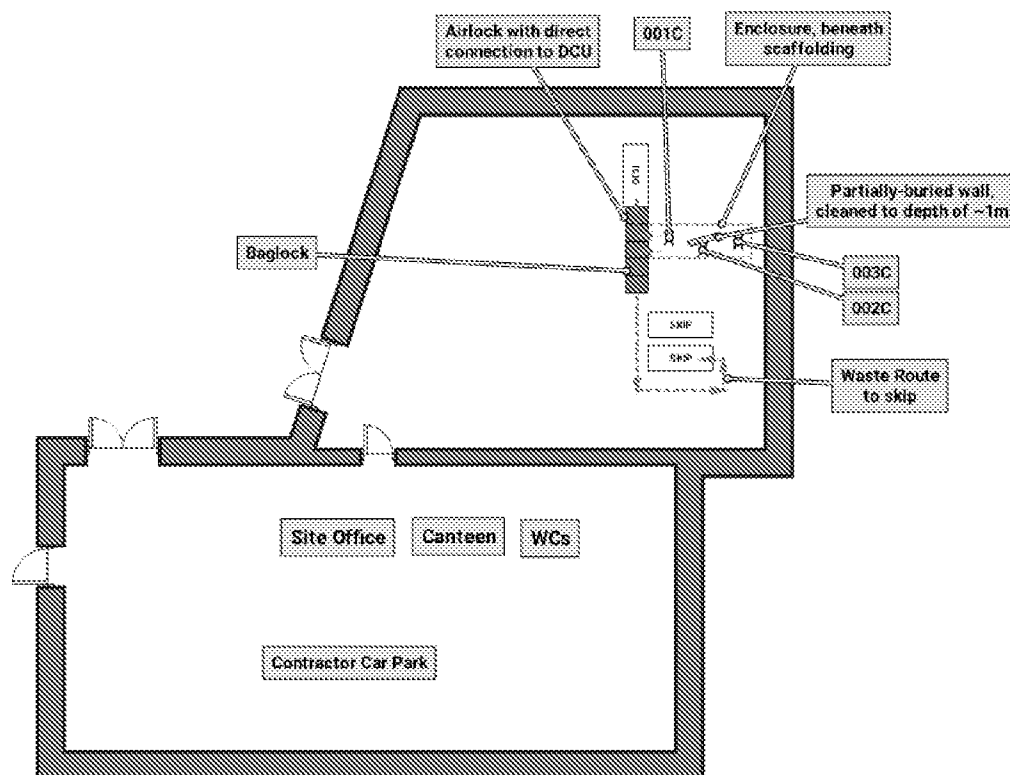
Comments:																
At time of testing, air monitoring results were below limit of quantification																
Analyst(s) (print):	Stephanie Cave	Signature(s):											Date:	08/11/2018		

Quality Doc No: M/Doc19 - 8 - 30/06/18

Page No: 5 of 8

Client Name and Address:	ASDA Stores Ltd, ASDA House, Southbank, Great Wilson Street, Leeds, LS11 5AD	Project Number:	P-310908
Site Address:	Ferring (4792), Littlehampton Road, Ferring, Worthing, BN12 6PN	Certificate Number:	20181108/SCA/001

NB DIAGRAM FOR CERTIFICATE OF RE-OCCUPATION MUST BE INCLUSIVE OF APPROXIMATE ENCLOSURE DIMENSIONS



KEY FOR DIAGRAM

	Air Locks		Polythene Sheeting		Waste Skip		Viewing Panels
	Negative Pressure Unit		Flexible ducting		Asbestos Contractor Vehicle		Asbestos remaining
	Transit Route		Decontamination Unit		Sample Locations		

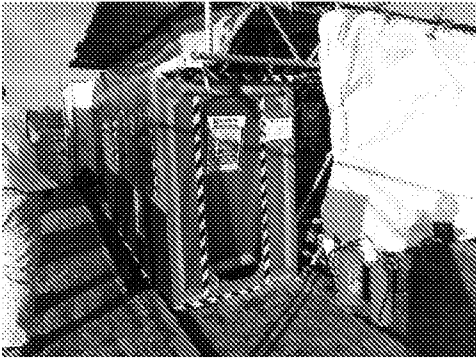
This diagram is only representative of the site layout and is not drawn to scale.

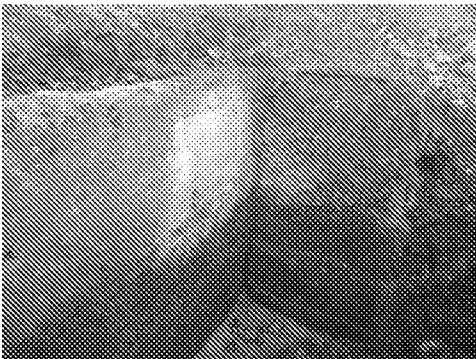
Analyst Name(s):	Stephanie Gurney	ARC Supervisor Name:	Da [REDACTED]	Date:	08/11/2018
Analyst Signature(s):	[REDACTED]	ARC Supervisor Signature:	[REDACTED]		

Quality Doc No: M/Doc73 - 4 - 041018

Page No: 6 of 8

Project Number:	P-310908	Certificate Number:	20181108/SCA/001	Analyst Name:	Stephanie Cave
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	Baglock to enclosure. Airlock is behind it, with direct connection to DCU. Enclosure continues to the right, not visible due to scaffolding and white sheeting to protect the enclosure from the weather.
	DCU with direct connection to airlock.
	NPU to enclosure, beneath scaffolding.
	Skips for use in removal works. Enclosed skip on the right is for use in fully-controlled works and the open skip on the left will be used in continued soil removal works.

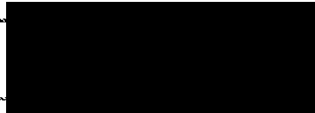
Project Number:	P-310908	Certificate Number:	20181108/SCA/001	Analyst Name:	Stephanie Cave
		View within enclosure at Stage 2 visual inspection. Enclosure is comprised of an excavation, so the entire floor is soil, which has been cleaned of debris. There is a partially-buried wall in the centre, which has also been cleaned to a depth of 1m (the currently visible portion).			
		Buried wall within excavation. Cleaned as far as reasonably practicable to a depth of ~1m.			
		Work area at Stage 4, following removal of enclosure materials but prior to removal of the scaffolding.			
		Work area after completion of works. All enclosure materials removed; scaffolding removed. DCU and skips remain in place.			



2719

AIR MONITORING TEST REPORT



Client Details	ASDA Stores Ltd	Project Number:	P-310908
	ASDA House, Southbank, Great Wilson Street, Leeds, LS11 5AD	Shift Number:	15
		Certificate Number:	20181109/SCA/001
Site Address	Ferring (4792), Littlehampton Road, Ferring, Worthing, BN12 6PN	Issued Date:	09/11/2018
		Issued by (print):	Stephanie Cave
		Issued by (signature):	

Environmental Essentials' Issuing Laboratory

Lab L6, Unit C Faraday Court, Faraday Road, Crawley, West Sussex, RH10 9PU

Four stage site clearance procedures, air monitoring and fibre counting are undertaken in accordance with Environmental Essentials' in-house procedures which are based on the methodologies specified within HSE document HSG 248 Asbestos: The analysts' guide for sampling, analysis and clearance procedures.

All air tests will have one of the following suffix codes which will indicate the purpose of the test:

Sample Type B – Background Testing.

This testing is undertaken to establish a background level of airborne fibres prior to any remediation works being carried out.

Sample Type L – Leak Testing.

This testing is undertaken during works involving asbestos around the perimeter of a 'live' removal enclosure, in order to assess the effectiveness of control measures in place in particular the enclosure itself. Usually a sample of at least 480 litres of air will be taken, however shorter sampling periods or "pooled" sampling strategies may be adopted if the analyst suspects an enclosure breach, for example.

Sample Type C – Clearance Testing.

This testing is undertaken following the removal or encapsulation of asbestos materials within an enclosure in order to ascertain the quantification of airborne fibres compared with the clearance indicator level of 0.01 f/ml. At least 480 litres of air must be taken per sample. A clearance test will also be undertaken when assessing the suitability of a decontamination unit following completion of works.

For an area to be deemed as suitable for normal occupancy following asbestos remediation, at least 80% of the air test results must be below the clearance indicator level, whilst all results must be below 0.015 f/ml.

Sample Type R – Reassurance Testing.

This testing is undertaken in certain circumstances to confirm that airborne fibre levels are below 0.01 f/ml. For example, following the removal of an asbestos removal enclosure or as an assessment of an area for continued normal occupancy. At least 480 litres of air must be taken per sample.

Sample Type A – Personal Assessment Testing.

This testing will be undertaken during abatement works involving asbestos in order to assess the suitability of the respiratory protective equipment being used and also the effectiveness of the dust suppression methods in place. At least 40 litres of air must be sampled and the quantification limit will be calculated accordingly.

Sample Type P – Personal Compliance Testing.

This testing is undertaken in order to assess whether or not personal exposures are in compliance with the 4-hour Control Limit as defined within the ACOP L143 – Control of Asbestos Regulations (CAR) 2012.

Sample Type FB – Field Blank.

Field blanks are generated from satisfactory filter batches and treated in the same way as filters used for air sampling but without any air being drawn through them. In the event of elevated fibre counts on air samples, a field blank will be counted in order to exclude the possibility of contamination causing the elevated fibre count.

This test report may not be reproduced other than in full, except with the prior written approval of the issuing laboratory.

Air sampling and fibre counting fall within Environmental Essentials' scope of UKAS accreditation however, opinions and interpretations that may be expressed within this report are outside the scope of UKAS accreditation.

Certificate of cleanliness following works with non-licensed materials which may have been undertaken and witnessed as part of this project are not covered by Environmental Essentials' scope of UKAS accreditation.



2719

HYGIENE FACILITY CLEARANCE CERTIFICATE



Project Number:	P-310908	Certificate Number:	20181109/SCA/001
Asbestos removal contractor name and address:	RHODAR LIMITED, UNIT C ASTRA PARK, PARKSIDE LANE, LEEDS, WEST YORKSHIRE, LS11 5SZ		
Site address of the hygiene facility:	Ferring (4792), Littlehampton Road, Ferring, Worthing, BN12 6PN		
Hygiene facility serial number:	U74SE	Manufacturer:	Thermac

THOROUGH VISUAL INSPECTION

The hygiene facilities are free from waste, debris, contaminated clothing etc.	Yes
Interior surfaces are free from debris and fine settled dust	Yes

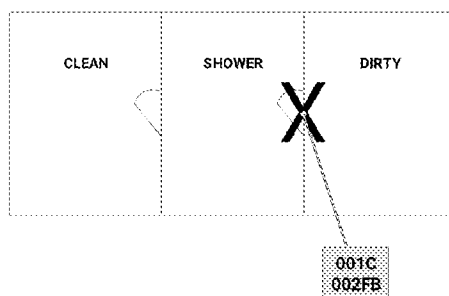
Comments:	Satisfactory
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Visual inspection completed by:	Stephanie Cave		
Signature:		Date and time:	09/11/2018 09:10
VISUAL INSPECTION:	Satisfactory		

CLEARANCE AIR TESTING

All interior surfaces are dry for air testing	Yes	Surface disturbance method used	Hand Brush
The NPU is deactivated and sealed	Yes	Duration of surface disturbance (mins)	1.5
Total floor area of shower compartment and dirty end (m ²)	4	Number of air samples required	1
Clearance air testing completed by Stephanie Cave			
Signature(s):		Date:	09-11-2018
CLEARANCE AIR TESTING:	Satisfactory		

HYGIENE FACILITY DIAGRAM



I have been advised by Stephanie Cave of Environmental Essentials Ltd that the Clearance Certificate for this hygiene facility can be issued.

Analyst Name(s): Stephanie Cave	Analyst Signature: 	Date and time: 09/11/2018 10:45
ARC Supervisor Name: Dave Harman	ARC Supervisor Signature: 	

Copies of this certificate no. 20181109/SCA/001 were issued to: Dave Harman (Rhodar)