



**ASBESTOS SURVEYING TRAINING & REMOVAL ASSOCIATION**  
**ASTRA HOUSE WHITEHART MEADOW MIDDLETON MANCHESTER M24 2GA**



<b>SURVEY DATE</b>	13.02.12 – 15.02.12
<b>SURVEYOR(S)</b>	Adam Roche
<b>CLIENT</b>	ARTEZ LIMITED
<b>SURVEY REF</b>	Report ref: AR/BROD/AR/1
<b>ADDRESS</b>	Bradford Odeon Cinema, Quebec Street, Bradford, BD1 2ER
<b>SURVEY TYPE</b>	<u>UPDATE TO THE MAJOR REFURBISHMENT/PRE-DEMOLITION SURVEY</u> <u>CARRIED OUT IN MAY 2008 REF:RWB/A1/24162N</u>

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## EXECUTIVE SUMMARY

**This pre demolition asbestos survey report was undertaken to ascertain if the materials identified within the original type 3 asbestos survey report carried out in May 2008 RWB/A1/24162N had worsened in their condition and situation and if any further spread of contamination or further suspect asbestos containing materials were found within the former cinema and bingo hall complex. For pricing purposes the report ref RWB/A1/24162N must be read in conjunction with this Major Refurbishment/Pre-Demolition asbestos survey report.**

- 1.1 A Pre demolition/ Major refurbishment (Former Type 3 survey) was carried out to Bradford Odeon Cinema, Quebec Street, Bradford, BD1 2ER, in order to allow the planned refurbishment works to be carried out. Areas that were not accessible have been recorded in Appendix B.
- 1.2 The survey did not include asbestos-containing materials found as ground litter, except as reported; this survey should therefore not be considered as a ground survey.
- 1.3 Provided in this report is an asbestos summary table that includes materials known to contain asbestos or where, for good reason, have been presumed to contain asbestos.
- 1.4 The areas specifically identified and thought to contain asbestos at the time of inspection are recorded as Material Assessment sheets contained in Appendix A.
- 1.5 Management actions are the next legal responsibility of the Client and should be based upon the information contained herein along with advice received from the building occupants about existing and proposed use and any known or anticipated works. Whilst we are happy to help you in this area it is outside the scope of this report.
- 1.6 Under legal responsibilities, we draw your attention specifically to Regulation 4 of the Control of Asbestos Regulations 2006 and the duty under this Regulation to Manage Asbestos.
- 1.7 **NB. If the building is not subject to any Major Refurbishment/Pre- Demolition within three months of the production of this report, an Asbestos Management Plan must be produced. This is in accordance with HSG 264-The Survey Guide (page 17 footnote) produced by the HSE. Reference should be made to the above legislation and all other applicable legislation as part of the Asbestos Management Plan.**

The site comprises of a large cinema and bingo hall complex over four floors. The building was constructed circa 1930.

Various refurbishment works have been carried out over the years. The third screen was refurbished circa 1980 this used to be the original ballroom. The building retains most of its original building materials which have been covered by partitions and false ceilings.

During the desk top study into the building various illegal tours of the building have been carried out starting from January 2007 <http://www.28dayslater.co.uk/forums/showthread.php?t=10269> and more recently July 2011 within these reports it states quite clearly they have damaged the identified asbestos materials.

The basement level is highly contaminated as per previous report. The Asbestos Insulating Board Ceiling Panels to various areas throughout the basement identified within the previous asbestos report are in a poor condition many are damaged and debris noted to the floor area directly beneath. Some panels have been removed and are strewn on the floor.

The ground floor level the asbestos insulation board ceiling panelling to the switch room 0/004/02 has been damaged due to vandalism. As you carry on through the sprayed coating to the ceiling 0/010/01 within the bingo hall has been penetrated in various areas to access above this was re-sampled and proven to be negative for asbestos content.

Within the first floor corridor next to the fridge room a sample was taken of board debris which was identified by analysis to be asbestos insulating board which was not identified within the original survey.

The sprayed coating to the ceiling of cinema 1 and 2 were re-sampled cinema 1 proved positive for Chrysotile asbestos, however in cinema 2 the sprayed coating was proven to be negative for asbestos by laboratory analysis.

No other previously identified asbestos material was observed to have worsened in condition within the time period however pigeon guano now covers the building and damp spores from leaking pipe work. Discarded needles were found within the ground floor bingo hall and in cinema 2 on the first floor.

It is recommended that the building be sealed and asbestos warning signage displayed to prevent further unauthorised access. All asbestos removal works should be carried out as a matter of urgency due to the condition of the identified materials.

## 2.0 INTRODUCTION

- 2.1 Instructions were received from Mike Banton of Artez Limited to proceed with a Pre Demolition/Major refurbishment (Former Type 3) Asbestos Survey.
- 2.2 The survey work was undertaken between the 13<sup>th</sup> to the 15<sup>th</sup> February 2012, by Mr. Adam Roche of ASTRA Ltd and assisted by five surveyors. The survey has been carried out and reported in conformity with the procedures set out in HSE Document HSG 264 – The Survey Guide.
- 2.3 All pages of this report must be read in conjunction with one another and in conjunction with all pages of report ref: RWB/A1/24162N; they must be kept together and NOT singled out or copied individually as descriptions and locations are not always cross-referenced.

## 3.0 Authorisation

- 3.1 Should the client wish to pass copies of the report to other parties for information, the whole of the report should be copied but no professional liability or warranty shall be extended.
- 3.2 This document is submitted in connection with a contract to supply goods/services and is issued only on the basis of strict confidentiality.

## 4.0 Purpose, Aims and Objectives

- 4.1 The purpose of this survey was to undertake a Pre Demolition, major refurbishment, full access and sampling survey (Formerly Type 3) to the whole building where circumstances would allow. Where it was not possible to undertake Pre Demolition a survey in areas where conditions prevented this level of survey, a Location and Assessment survey (presumptive survey) was undertaken. Both types as described in HSE document HSG 264.
- 4.2 The aim was to locate, as far as reasonably practicable, the presence and extent of any suspect materials that may contain asbestos in the premises and assess their product type and extent.
- 4.3 The objective of this report is to provide accurate information in order to;
- Form an asbestos register for the site as part of the asbestos removal plan.
  - To clearly identify that not all asbestos is likely to be found as part of this survey.
- 4.4 Any diagrams in the report are not to scale and are illustrative only to indicate approximate locations. The descriptions used are for location identification purposes only.

- 4.5 All the recommendations described in this report are standardised and based upon material assessment sheets for each individual inspection. The assessments take into account the type of asbestos, extent of any damage and surface treatment to generate the associated risk evaluation. Recommendations should still be reviewed for suitability for each circumstance, however, statutory authorities or others bodies, may require amendments based upon local knowledge, change in legislation, change in use or other criteria.
- 4.6 Future refurbishment or demolition works may disturb or damage asbestos containing materials. Such materials should be suitably treated and some may require removal by a Licensed Asbestos Removal Contractor. This report may be used to identify known asbestos however it must be supplemented by a Pre Demolition Survey "Full access sampling and identification survey (pre-demolition/major refurbishment survey) as referred to in HSE publication HSG 264.

## **5.0 DESCRIPTION OF THE SITE**

- 5.1 Drawings supplied by the site showed the boundaries within which the work was to be undertaken.

## **6.0 EXTENT OF SURVEY**

- 6.1 Areas included in the inspection are as described in the Material Assessment sheets in Appendix A only.
- 6.2 This report is based upon a limited destructive inspection of an unfamiliar site with only a site address to act as guide as to the extent of the inspections required and the demise of premises. During the course of the inspections all reasonable efforts were made to identify the physical presence of materials containing asbestos within the areas of the building. The survey was limited to those areas accessed at the time of the survey.
- 6.3 It is known that asbestos materials are frequently concealed within the fabric of buildings or within sealed building voids so therefore it is not possible to regard the findings of any survey as being definitive. It shall always remain a possibility that further asbestos containing materials may be found.
- 6.4 Asbestos may be concealed from view by other materials that have been used for over-cladding. In-filling, alteration and refurbishment work, which has taken place in the past, may also hide asbestos containing materials. All reasonable and practical measures have been taken to uncover hidden asbestos where the use of ACMs can be assessed as realistic based on the age, type and condition of the structure or element. This includes core samples of pipe insulation to check for residual asbestos insulation and sampling behind panels where possible. Where such inspections revealed possible ACMs samples were taken as described herein. The results of these inspections, tests and samples are only representative of the location inspected.

- 6.5 Samples have not been taken where the act of sampling would endanger the surveyor or affect the functional integrity of the item concerned. For example; fuses within electrical boxes, gaskets, hygiene devices, fire doors, ropes associated with heating, glazing or power plant etc.
- 6.6 Equipment, machinery, ducting etc were not moved, opened up or examined for the purpose of this investigation except where hatches were available. However, a reference has been made in this report to such items if they were suspected to contain asbestos. No access was made to any live electrical fuse boxes or switchgear.
- 6.7 Access was not gained to areas other than the areas of demolition within the three storey building, the inspections were up to and not beyond the ceilings. This is detailed within this report.
- 6.8 We have not inspected flues, ducts, voids or any similarly enclosed areas, the access to which necessitated the use of specialist equipment or tools, or which would have caused unacceptable damage to decoration, fixtures, fittings or the structure. Therefore we are unable to report on any asbestos as may be present in these areas.
- 6.9 We have not inspected lift shafts, plant rooms or similar which require the attendance of a specialist engineer without that engineer in attendance.
- 6.10 A limited inspection only has been carried out of pipework concealed by overlaying non-asbestos insulation. Previous asbestos removal may not have been undertaken to today's standard and may have left pieces of debris lying in concealed areas (especially pipework). Inspection of pipework has therefore been restricted to the insulation visible. The presence of debris to pipework, which is readily visible or would require the removal and replacement of overlying non-asbestos insulation, has been considered outside the scope of this survey.
- 6.11 Fire doors have not been opened up or inspected beyond a visual inspection, unless otherwise stated within this report; consequently they have not been sampled and therefore not included in the Summary. It may be prudent to presume they contain ACMs.
- 6.12 Similarly, gaskets to pipe flanges and fittings and caulking materials used as fire stopping have not been tested and are not included in the Register unless specifically referred to.
- 6.13 We have not generally inspected any part requiring specialist access equipment other than stepladders. Any requirement for specialist access equipment has been specifically excluded unless otherwise stated.
- 6.14 We have not reported on concealed spaces that may exist within the fabric of the building where the extent and presence of these is not evident due to inaccessibility or insufficient knowledge of the structure at the time of the survey.
- 6.15 No responsibility is accepted for the presence of asbestos in voids (underfloor, floor wall or ceiling) other than those opened during the investigation.
- 6.16 Samples have not been taken where prohibited or prevented by the client, tenant or their representative..
- 6.17 Floor tiles (or similar material) may include a bitumastic adhesive. It is known that some proprietary brands of bitumen have an asbestos content and this will be included as an integral part of the bulk sample or presumptive analysis unless otherwise stated.
- 6.18 Whilst every effort will have been made to identify the true nature and extent of the asbestos material present in the building to be surveyed, no responsibility has been accepted for the presence of asbestos in materials other than those sampled at the requisite density.

6.19 Air monitoring to determine fibre levels in the atmosphere was not undertaken.

## **7.0 SURVEY METHODS**

- 7.1 Inspection, sampling and assessment were carried out in accordance with in house methods, based upon UKAS accredited procedures written from HSG 264-The Survey Guide, published by the Health & Safety Executive.
- 7.2 The areas set out within the survey brief were inspected for suspect asbestos containing materials (ACMs). Each room/area was viewed for materials suspected to contain asbestos and representative samples taken for confirmation.
- 7.3 Materials of a similar type were representatively sampled. It was assumed that surfaces identical to a sampled location were of a similar composition. Samples from each type of suspect material found were collected and analysed to confirm asbestos type and content. Where the materials sampled were found to contain asbestos, other similar homogeneous materials used in the same way have been presumed to contain asbestos.
- 7.4 The asbestos survey/inspection records state information recorded at the time of the survey only based on visual assessment, intelligent assumption and sampling, where appropriate.
- 7.5 Descriptions for locations were obtained from site signs or site users. Where no descriptions were available, suitable terms have been used for this report and accompanying drawings.
- 7.6 Details under 'Vulnerability' are based upon our own assumptions to give a general indication of those that may be exposed to any identified asbestos containing materials (ACM).



## 8.0 LEVEL OF IDENTIFICATION

- 8.1 Bulk sample analyses were carried out at a laboratory in accordance with HSE publication HSG 248 and UKAS (United Kingdom Accreditation Service) accredited quality schemes.
- 8.2 Presumptions in the absence of sample analysis are noted as 'Presumed' and 'Strongly Presumed'.
- 8.3 Where a material cannot be 'sampled', for example where an area is not accessible (e.g., high ceiling) or safe sampling cannot be undertaken because areas are in occupation, the asbestos type will be presumed by reasoned argument or considered as crocidolite containing, similarly asbestos content will be presumed as high in absence of the above. Therefore, the level will be denoted as 'Presumed', unless:
- Sample analysis of similar materials within the building show a different asbestos type (mastered samples)
  - There are visible fibres within the material
  - There is reasoned argument that another type of asbestos was almost always used and will be based on professional judgement and experience.

In the above cases, the level of identification will be denoted as 'Strongly Presumed'.

## **APPENDIX A**

### **SUMMARY TABLE AND**

### **MATERIAL ASSESSMENT SHEET**

Please note that where Non Licensed removal has been recommended, under Regulation 10 of the Control of Asbestos Regulations 2006, only Contractors with the appropriate information, instruction and training may undertake the works.

Please note that where Licensed removal has been recommended, under Regulation 7 of the Control of Asbestos Regulations 2006, only Contractors holding a license to work with Asbestos Containing Materials, granted by the HSE in accordance with the Asbestos (Licensing) Regulations 1987, may undertake the works.

In accordance with the Hazardous Waste Regulations 2005, all Asbestos Containing Materials containing 0.1% or above of any type of Asbestos, must be disposed of as Asbestos waste

## **REPORT SUMMARY TABLES**



**ASBESTOS REGISTER FROM PREVIOUS REPORT  
DATED 06/05/08 REF:- RWB/A1/24162N**

Ref No.	Location	Material	Analysis	Extent	Condition	Recommendation
-1/001/01	Basement Store Room	Ceiling Panelling	Chrysotile	20m <sup>2</sup>	Damaged	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works
-1/002/01	Basement Corridor	Cement High Level Panels	Chrysotile	10m <sup>2</sup>	Unsealed	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works
-1/002/02	Basement Corridor	Fire Door	Amosite	2m <sup>2</sup>	Damaged	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works
-1/002/03	Basement Plant Room	Insulation to Boilers	Chrysotile	4no 12m <sup>2</sup> Each	Damaged	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works
-1/002/04	Basement Plant Room	Flash Pads	Chrysotile	3no Fuse boxes	Fair Unsealed	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works
-1/002/08	Basement Plant Room	Board to Door	Amosite	1m <sup>2</sup>	Fair Unsealed	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works
-1/002/09	Basement Plant Room	Redundant Gasket	Chrysotile	<1m <sup>2</sup>	Aged	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works
-1/002/10	Basement Plant Room	Ceiling Panelling	Chrysotile	1m <sup>2</sup>	Unsealed	Removal Prior to Planned Demolition Works
-1/003/01	Basement Store	Flash Pads	Chrysotile	1no Fuse box	Unsealed	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works
-1/004/01	Basement Film Store	Ceiling Panelling	Amosite	10m <sup>2</sup>	Damaged	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works



-1/004/02	Basement Film Store	Cement Ceiling Panelling	Chrysotile	20m <sup>2</sup>	Damaged	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works
-1/005/01	Basement Toilets	Cistern	Amosite	1no <1m <sup>2</sup>	Highly Damaged	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works
-1/006/01	Basement Battery Room	Flash Pads	Chrysotile	1no Fuse box	Unsealed	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works
-1/007/01	Basement Store Room	Ceiling Panelling	Chrysotile	1m <sup>2</sup>	Fair Unsealed	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works
-1/007/02	Basement Store Room	Staining to Pipe work	Crocidolite & Chrysotile	5lm	Residual	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works
-1/008/01	Basement Switch Room	Flash Pads	Chrysotile	20no Fuse boxes	Unsealed	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works
-1/008/02	Basement Switch Room	Cement Fins	Chrysotile	205 <1m <sup>2</sup>	Fair Unsealed	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works
-1/008/04	Basement Switch Room	Insulation to Pipe Work	Chrysotile	30lm	Damaged	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works
-1/009/01	Basement Generator Room	Woven Insulation to Pipe Work	Chrysotile	20lm	Damaged	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works
-1/010/01	Basement Staff Room	Floor tiles	Chrysotile	10m <sup>2</sup>	Aged some Loose tiles	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works
-1/011/01	Basement Toilet	Cistern	Amosite	1no <1m <sup>2</sup>	Some Damage	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works



-1/011/03	Basement Toilet	Insulation Debris	Chrysotile	<1m <sup>2</sup>	Debris	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works
-1/012/01	Basement Plenum Chamber	Ceiling Panelling	Amosite	400m <sup>2</sup>	Highly Damaged	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works
-1/012/02	Basement Plenum Chamber	Fire Blanket	Chrysotile	10m <sup>2</sup>	Damaged	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works
-1/013/01	Basement Plenum Chamber	Blanking to pipe exit	Chrysotile	6"	Fair	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works
0/001/01	Ground Floor Store	Floor tiles	Chrysotile	20m <sup>2</sup>	Aged some damaged edges	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works
0/002/01	Ground Floor Managers Reception & Changing Rooms	Floor tiles	Chrysotile	40m <sup>2</sup>	Aged some damaged edges	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works
0/003/01	Ground Floor Foyer	Insulation board lining to heater	Amosite & Chrysotile	3m <sup>2</sup>	Unsealed	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works
0/003/02	Ground Floor Foyer	Insulation board lining to heater	Amosite & Chrysotile	3m <sup>2</sup>	Highly Damaged Unsealed	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works
0/003/03	Ground Floor Foyer	Floor tiles	Chrysotile	200m <sup>2</sup>	Water Damaged	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works
0/004/01	Ground Floor Switch Room	Flash Pads	Chrysotile	10no Fuse boxes	Unsealed	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works



0/004/02	Ground Floor Switch Room	Ceiling Panelling	Amosite	20m <sup>2</sup>	Highly Damaged	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works
0/004/04	Ground Floor Switch Room	Fire door	Amosite	2m <sup>2</sup>	Fair	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works
0/005/01	Ground Floor Switch Room	Fire doors	Amosite	4no 2m <sup>2</sup> each	Fair	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works
0/005/02	Ground Floor Corridor	Floor tiles	Chrysotile	100m <sup>2</sup>	Highly Damaged	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works
0/006/01	Ground Floor Store Room	Floor tiles	Chrysotile	15m <sup>2</sup>	Aged some damaged edges	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works
0/007/01	Ground Floor Entrance to Bingo Hall	Floor tiles	Chrysotile	300m <sup>2</sup>	Aged some damaged edges	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works
0/008/02	Ground Floor Store Room	Fire door	Amosite	2m <sup>2</sup>	Fair	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works
0/008/03	Ground Floor Store Room	Wall Panelling	Amosite	10m <sup>2</sup>	Highly Damaged	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works
0/010/01	Ground Floor Bingo Hall	Stair Nosing	Chrysotile	14no 1lm each	Aged	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works
0/010/03	Ground Floor Bingo Hall	Spray coating to ceiling	This was re-sampled 22.02.12 and proven NADIS	300m <sup>2</sup>	Damaged	No Action Required



0/011/01	Ground Floor Air Duct	Ceiling Panelling	Amosite	1m <sup>2</sup>	Fair Unsealed	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works
0/013/01	Ground Floor Office	Heater Panelling	Amosite & Chrysotile	3m <sup>2</sup>	Damaged	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works
0/013/02	Ground Floor Office	Fire door	Amosite	2m <sup>2</sup>	Damaged	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works
0/014/01	Ground Floor Kitchen	Fire door	Amosite	2m <sup>2</sup>	Highly Damaged	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works
0/014/02	Ground Floor Kitchen	Floor tiles	Chrysotile	20m <sup>2</sup>	Damaged	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works
0/015/01	Ground Floor Void above bar	Loft hatch panels	Amosite	2no 1m <sup>2</sup> each	Damaged	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works
0/015/01	Ground Floor Void above bar	Board debris	Amosite	20m <sup>2</sup>	Debris	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works
1/001/03	First Floor Cinema 3 behind stage	Cement Debris	Chrysotile	5m <sup>2</sup>	Debris	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works
1/004/01	First Floor Female toilet	Floor tiles	Chrysotile	10m <sup>2</sup>	Damaged	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works
1/008/01	First Floor Office	Fire Door	Amosite	2m <sup>2</sup>	Fair	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works
1/010/01	First Floor Store Room	Panelling to column	Amosite	10m <sup>2</sup>	Highly Damaged	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works





1/010/02	First Floor Store Room	Flash pads	Chrysotile	4no Fuse boxes	Unsealed	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works
1/011/01	First Floor Stairwell	Floor tiles	Chrysotile	50m <sup>2</sup>	Fair	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works
1/011/02	First Floor Stairwell	Stair nosing	Chrysotile	64lm	Fair	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works
1/012/01	First Floor Upper Foyer	Heater Panelling	Amosite & Chrysotile	3m <sup>2</sup>	Damaged	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works
1/013/01	First Floor Male Toilets	Floor tiles	Chrysotile	20m <sup>2</sup>	Highly Damaged	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works
2/001/01	Second Floor Seated Area	Cable to Rectifier	Chrysotile	1lm	Unsealed	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works
2/001/02	Second Floor Seated Area	Flash pads	Chrysotile	10no Fuse boxes	Unsealed	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works
2/001/03	Second Floor Seated Area	Fire door	Amosite	4m <sup>2</sup>	Fair	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works
2/002/01	Second Floor Corridor to Seated Area	Stair nosing	Chrysotile	10lm	Fair	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works
2/002/02	Second Floor Corridor to Seated Area	Floor tiles	Chrysotile	9m <sup>2</sup>	Highly Damaged	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works
2/002/04	Second Floor Project Room Staff Toilet	Cistern	Amosite	1no <1m <sup>2</sup>	Damaged	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works



2/003/01	Second Floor Battery & Project Room	Flash Pads	Chrysotile	1no Fuse box	Unsealed	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works
2/004/01	Second Floor Rest Room	Panel to Wall	Amosite	<1m <sup>2</sup>	Damaged	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works
2/004/02	Second Floor Rest Room	Floor tiles	Chrysotile	10m <sup>2</sup>	Damaged	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works
2/006/01	Second Floor Stairwell	Floor tiles	Chrysotile	15m <sup>2</sup>	Damaged	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works
2/006/02	Second Floor Stairwell	Stair Nosing	Chrysotile	11lm	Damaged	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works
2/007/01	Second Floor Cinema 1	Sprayed Coating	Chrysotile	Previous Report States 600m <sup>2</sup> Actual 900m <sup>2</sup>	Some Damaged Areas	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works
2/007/02	Second Floor Cinema 1	Stair nosing	Chrysotile	100lm	Fair	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works
2/007/03	Second Floor Cinema 1	Floor tiles	Chrysotile	900m <sup>2</sup>	Fair	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works
2/007/05	Second Floor Cinema 1 below Stage	Board Debris	Amosite	<1m <sup>2</sup>	Debris	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works
2/007/06	Second Floor Cinema 1 stage area	Flash pads	Chrysotile	1no Fuse box	Unsealed	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works



2/007/07	Second Floor Cinema 1 Loft	Hatches	Amosite	11no 2m <sup>2</sup> each	Fair Unsealed	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works
2/008/02	Second Floor Cinema 2 Mid-Top Seating Area	Debris	Amosite	<1m <sup>2</sup>	Debris	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works
2/009/01	Second Floor Female Toilets	Floor tiles	Chrysotile	20m <sup>2</sup>	Damaged	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works
2/009/02	Second Floor Female Toilets	Stair Nosing	Chrysotile	6lm	Damaged	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works
2/010/01	Second Floor Corridor between Cinema 2 & Toilets	Floor tiles	Chrysotile	10m <sup>2</sup>	Damaged	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works
2/010/02	Second Floor Corridor between Cinema 2 & Toilets	Stair Nosing	Chrysotile	12lm	Damaged	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works
2/011/01	Second Floor Corridor to Plant Room	Panel to Hatch on Wall	Amosite & Chrysotile	2m <sup>2</sup>	Highly Damaged	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works
2/012/01	Second Floor Intake Room	Flash pads	Chrysotile	3no Fuse boxes	Unsealed	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works
2/012/02	Second Floor Intake Room	Fire Door	Crocidolite & Chrysotile	2m <sup>2</sup>	Higly Damaged	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works
2/012/03	Second Floor Intake Room	Debris	Crocidolite & Chrysotile	<1m <sup>2</sup>	Debris	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works
2/013/01	Second Floor Plant Room	Fire Door	Crocidolite & Chrysotile	4m <sup>2</sup>	Damaged	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works



2/013/03	Second Floor Plant Room	Rope Gasket	Chrysotile	<1m <sup>2</sup>	Unsealed	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works
2/013/04	Second Floor Plant Room	Flash pads	Chrysotile	1no Fuse box	Unsealed	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works
2/014/01	Second Floor Triangular Void on Roof top	Debris	Chrysotile	1m <sup>2</sup>	Debris	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works
2/015/01	Second Floor Plant Room	Flash pads	Chrysotile	2no Fuse boxes	Unsealed	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works
2/016/01	Second Floor below Gents Toilets	Insulation Residues to Wall	Crocidolite & Chrysotile	<1m <sup>2</sup>	Unsealed Residues	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works
3/001/01	Third Floor Projector Room to Cinema 2	Cable to Rectifier	Chrysotile	1lm	Unsealed	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works
3/001/02	Third Floor Projector Room to Cinema 2	Flash pads	Chrysotile	1no Fuse box	Unsealed	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works
3/001/03	Third Floor Projector Room to Cinema 2	Fire door	Crocidolite & Chrysotile	2m <sup>2</sup>	Fair	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works
3/001/04	Third Floor Projector Room to Cinema 2	Upstands to Skylights	Amosite	2no 4m <sup>2</sup>	Fair	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works
3/001/05	Third Floor Projector Room to Cinema 2	Floor tiles	Chrysotile	40m <sup>2</sup>	Damaged	Removal Prior to Planned Demolition Works
3/001/06	Third Floor Projector Room to Cinema 2	Cable to Projector	Chrysotile	1lm	Unsealed	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works

3/001/07	Third Floor Projector Room to Cinema 2	Cable to Projector	Chrysotile	1lm	Unsealed	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works
3/002/01	Third Floor Projector Room to Cinema 1	Cable to Projector	Chrysotile	1lm	Unsealed	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works
3/002/02	Third Floor Projector Room to Cinema 1	Flash pads	Chrysotile	1no Fuse box	Unsealed	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works
3/002/03	Third Floor Projector Room to Cinema 1	Upstands to Skylights	Amosite	2no 1lm	Fair	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works
3/002/04	Third Floor Projector Room to Cinema 1	Floor tiles	Chrysotile	12m <sup>2</sup>	Damaged	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works
3/002/05	Third Floor Projector Room to Cinema 1	Fire door	Crocidolite & Chrysotile	4m <sup>2</sup>	Fair	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works
+1/001/01	Roof Space Loft Space above Cinema 3	Cement Panel Debris	Chrysotile	<1m <sup>2</sup>	Debris	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works
+1/001/02	Roof Space Loft Space above Cinema 3	Cement Board to Ventilation Unit	Chrysotile	20m <sup>2</sup>	Highly Damaged	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works
+1/002/01	Roof Space Loft Space above Cinema 2	Debris to Nail Heads on Underside of Beams	Amosite	<1m <sup>2</sup>	Debris	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works
+1/003/01	Roof Space Loft Space above Cinema 1	Board to Beam	Amosite	<1m <sup>2</sup>	Highly Damaged	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works
+1/003/02	Roof Space Loft Space above Cinema 1	Loft Hatch	Amosite	11no <1m <sup>2</sup> each	Fair	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works



+1/003/03	Roof Space Loft Space above Cinema 1	Gasket to Air Handling Unit	Chrysotile	2m <sup>2</sup>	Fair Unsealed	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works
901/001/03	External Roof	Cement Panelling to Door Surround	Chrysotile	12m <sup>2</sup>	Highly Damaged	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works
901/001/04	External Roof	Flash pads	Chrysotile	1no Fuse box	Unsealed	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works





## SUMMARY TABLE

Sample No.	Location	Material	Analysis	Extent	Condition	Recommendation
001	First Floor Corridor next to Fridge Room	Board Debris	Asbestos Insulating Board - Amosite & Chrysotile	<1m <sup>2</sup>	Debris	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works
002	Basement Passage Floor Area below Concrete Ceiling Area	Insulation Debris	NADIS	<1m <sup>2</sup>	Debris	No Action Required
003	Ground Floor Bingo Hall	Sprayed Coating to Ceiling	NADIS	300m <sup>2</sup>	Damaged	No Action Required
004	First Floor Cinema 1	Sprayed Coating to Ceiling	Asbestos Sprayed Coating - Chrysotile	900m <sup>2</sup>	Some Damaged Areas	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works
AWS004	First Floor Cinema 1	Sprayed Coating Debris to Seating and Floor	Asbestos Sprayed Coating - Chrysotile	100m <sup>2</sup> over 900m <sup>2</sup> area	Debris	Removal Prior to Planned Major Refurbishment/Pre-Demolition Works
005	First Floor Cinema 2	Sprayed Coating to Ceiling	NADIS	480m <sup>2</sup>	Damaged	No Action Required
006	First Floor Cinema 1 Cavity Wall	Paper Lining to Pipe Work Insulation	NADIS	30lm	Some Damage	No Action Required


NSR = No sample required AWS = Associated with sample NQ = Not quantified NSMS=No suspect material seen NADIS = No asbestos detected in sample


## MATERIAL ASSESSMENT SHEET


Sample Number	I.D Colour	001	Location	Product Type
			First Floor Corridor next to Fridge Room	Board Debris
			Quantity/Extent	Analysis Result
			<1m <sup>2</sup>	Amosite & Chrysotile
Material Assessment Algorithm		Score	Comments	
Product type (1-3)		2	The asbestos insulating board debris is in a poor condition and must be removed along with all the other identified asbestos materials within the previous report by a licensed asbestos removal contractor.	
Damage/Deterioration (0-3)		3		
Surface treatment (0-3)		3		
Asbestos Type (1-3)		2		
Recommendations				
		Licensed Work	X	Action Date
		Non Licensed Work		Reinspection Date
				June 2012
				June 2012


Sample Number	I.D Colour	002	Location	Product Type
			Basement Passage Floor Area below Concrete Ceiling Area	Insulation Debris
			Quantity/Extent	Analysis Result
			<1m <sup>2</sup>	NADIS
Material Assessment Algorithm		Score	Comments	
Product type (1-3)		0	No Asbestos Detected In Sample	
Damage/Deterioration (0-3)		0		
Surface treatment (0-3)		0		
Asbestos Type (1-3)		0		
Recommendations				
No Action Required		Licensed Work		Action Date
		Non Licensed Work		Reinspection Date




Sample Number	I.D Colour	003	Location	Product Type
	Ground Floor Bingo Hall		Sprayed Coating to Ceiling	
	Quantity/Extent		Analysis Result	
	300m²		NADIS	
Material Assessment Algorithm		Score	Comments	
Product type (1-3)		0	No Asbestos Detected In Sample Samples where taken from 10 areas of the sprayed coating and pooled together into one sample	
Damage/Deterioration (0-3)		0		
Surface treatment (0-3)		0		
Asbestos Type (1-3)		0		
Recommendations				
No Action Required	Licensed Work			Action Date
	Non Licensed Work			Reinspection Date

Sample Number	I.D Colour	004	Location	Product Type
			First Floor Cinema 1	Sprayed Coating to Ceiling
			Quantity/Extent	Analysis Result
			900m <sup>2</sup>	Chrysotile
Material Assessment Algorithm		Score	Comments	
Product type (1-3)		1	The asbestos spray coating was sampled at 6 points and pooled together into one sample. It was noted that some areas of damage had occurred. The sprayed coating must be removed by a licensed asbestos removal contractor.	
Damage/Deterioration (0-3)		2		
Surface treatment (0-3)		3		
Asbestos Type (1-3)		3		
Recommendations				
	Licensed Work	X	Action Date	June 2012
	Non Licensed Work		Reinspection Date	June 2012

Sample Number	I.D Colour	AWS004	Location	Product Type
			First Floor Cinema 1	Sprayed Coating Debris to Chairs and Carpeted Floor
			Quantity/Extent	Analysis Result
			100m <sup>2</sup> over the 900m <sup>2</sup> area	Chrysotile
Material Assessment Algorithm		Score	Comments	
Product type (1-3)		1	The asbestos sprayed coating debris was found on chairs and the floor in various areas over the whole cinema area. The debris has been caused by leaks from the roof above the backing to the sprayed coating has absorbed the moisture and fallen from the ceiling. The sprayed coating debris must be removed by a licensed asbestos removal contractor.	
Damage/Deterioration (0-3)		2		
Surface treatment (0-3)		3		
Asbestos Type (1-3)		3		
Recommendations				
	Licensed Work	X	Action Date	June 2012
	Non Licensed Work		Reinspection Date	June 2012

Sample Number	I.D Colour	005	Location	Product Type
			First Floor Cinema 2	Sprayed Coating to Ceiling
			Quantity/Extent	Analysis Result
			480m <sup>2</sup>	NADIS
Material Assessment Algorithm		Score	Comments	
Product type (1-3)		0	No Asbestos Detected In Sample Samples where taken from 6 areas of the sprayed coating and pooled together into one sample	
Damage/Deterioration (0-3)		0		
Surface treatment (0-3)		0		
Asbestos Type (1-3)		0		
Recommendations				
No Action Required	Licensed Work			Action Date
	Non Licensed Work			Reinspection Date

Sample Number	I.D Colour	006	Location	Product Type
	First Floor Cinema 1		Paper Lining to Pipe Work Insulation	
	Quantity/Extent		Analysis Result	
	30lm		NADIS	
Material Assessment Algorithm		Score	Comments	
Product type (1-3)		0	No Asbestos Detected In Sample	
Damage/Deterioration (0-3)		0		
Surface treatment (0-3)		0		
Asbestos Type (1-3)		0		
Recommendations				
No Action Required	Licensed Work		Action Date	
	Non Licensed Work		Reinspection Date	



## **SCHEDULE OF “NO ACCESS”**

Area/Room number	Internal/External	Reason
Roof	External	No Edge Protection

## **LIMITATIONS**


All areas inspected as per the requirements of the detailed description provided by the client



## **APPENDIX C**

### **LABORATORY RESULTS OF SAMPLES**

**06 Pages This Section**

<u>RESULTS</u> <u>FOR REPORT NUMBER: RWB/A1/24162/N</u>		
<u>SAMPLE</u>	<u>DETAILS</u>	<u>IDENTIFICATION</u>
<u>Bradford Odeon, Basement</u>		
143778	-1/001/01 Insulating board to ceiling in stores	Chrysotile (White Asbestos)
143779	-1/002/01 Cement to high level within basement corridor	Chrysotile (White Asbestos)
143780	-1/002/02 Insulating board panel to door in boiler room	Amosite (Brown Asbestos)
143781	-1/002/03 Thermal insulation to boilers	Chrysotile (White Asbestos)
143782	-1/002/05 Caulking to pipework to rear of boilers	None Detected
143783	-1/002/06 Paper lining to pipework	None Detected
143784	-1/002/07 Thermal insulation to pipework	None Detected
143785	-1/002/08 Insulating board to door	Amosite (Brown Asbestos)
143786	-1/002/09 Gasket to pipework	Chrysotile (White Asbestos)
143787	-1/003/02 Rope seal	None Detected
143788	-1/005/02 Cistern	Amosite (Brown Asbestos)
143789	-1/008/02 Finns to switch gear	Chrysotile (White Asbestos)
143790	-1/008/04 Pipework insulation to switch room	Crocidolite (Blue Asbestos) Chrysotile (White Asbestos)
143791	-1/008/05 Wall debris to switch room	None Detected
143792	-1/009/01 Rope gasket insulation	Chrysotile (White Asbestos)
143793	-1/010/01 Thermoplastic tile	Chrysotile (White Asbestos)
143794	-1/011/02 Rope debris	None Detected
143795	-1/012/01 Insulation board to plenum chamber	Amosite (Brown Asbestos)
143796	-1/012/02 Fire blanket to plenum chamber	Chrysotile (White Asbestos)
143797	-1/013/01 Cement blanking to pipe exit	Chrysotile (White Asbestos)
<u>Bradford Odeon, Ground Floor</u>		
143798	0/001/01 Thermoplastic tile	Chrysotile (White Asbestos)
143799	0/004/02 Insulating board to ceiling	Amosite (Brown Asbestos)
143800	0/004/03 Rope seal	None Detected
143801	0/007/01 Thermoplastic tile	Chrysotile (White Asbestos)
143802	0/008/01 Thermoplastic tile	None Detected
143803	0/008/03 Insulating board to walls	Amosite (Brown Asbestos)
143804	0/009/01 Packing to pipework collar	None Detected
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PRINTED: Chris Blakey		PAGE: 2 OF 5
		FORM AA1 (R) Ver April 2008

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RESULTS FOR REPORT NUMBER: RWB/A1/24162/N

<u>SAMPLE</u>	<u>DETAILS</u>	<u>IDENTIFICATION</u>
<u>Bradford Odeon, Ground Floor (continued)</u>		
143805	0/010/02 Textured coating	None Detected
143806	0/011/01 Insulating board to ceiling	Amosite (Brown Asbestos)
143807	0/012/01 Thermoplastic tile	None Detected
143808	0/015/01 Loft hatch	Amosite (Brown Asbestos)
143809	0/015/02 Insulating board debris	Amosite (Brown Asbestos)
<u>Bradford Odeon, First Floor</u>		
143810	1/001/01 Thermoplastic tile	None Detected
143811	1/001/02 Decorative plaster	None Detected
143812	1/001/03 Cement debris to floor	Chrysotile (White Asbestos)
143813	1/002/01 Thermoplastic tiles	None Detected
143814	1/003/01 Thermoplastic tile	None Detected
143815	1/004/01 Thermoplastic tiles	Chrysotile (White Asbestos)
143816	1/008/01 Panel to door	Amosite (Brown Asbestos)
143817	1/010/01 Insulating board to column	Amosite (Brown Asbestos)
143818	1/010/02 Flash pads	Chrysotile (White Asbestos)
143819	1/011/01 Thermoplastic tile	Chrysotile (White Asbestos)
143820	1/011/02 Stair nosing	Chrysotile (White Asbestos)
143821	1/012/01 Liner in heater cabinet upper foyer	Amosite (Brown Asbestos)
		Chrysotile (White Asbestos)
143822	1/013/01 Thermoplastic tile	Chrysotile (White Asbestos)
143823	1/014/01 Stair nosing	None Detected
<u>Bradford Odeon, Second Floor</u>		
143824	2/001/01 Cable to rectifier	Chrysotile (White Asbestos)
143825	2/001/02 Flash pad	Chrysotile (White Asbestos)
143826	2/001/03 Insulating board panels to door	Amosite (Brown Asbestos)
143827	2/002/02 Thermoplastic tile	Chrysotile (White Asbestos)
143828	2/002/03 Thermoplastic tile	None Detected
143829	2/002/04 Cistern	Amosite (Brown Asbestos)
143830	2/004/01 Insulating board panel	Amosite (Brown Asbestos)
143831	2/005/01 Decorative plaster	None Detected
143832	2/006/02 Stair nosing	Chrysotile (White Asbestos)
143833	2/006/03 Decorative strip within stair	None Detected

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**RESULTS FOR REPORT NUMBER: RWB/A1/24162/N**

<u>SAMPLE</u>	<u>DETAILS</u>	<u>IDENTIFICATION</u>
<u>Bradford Odeon, Second Floor (continued)</u>		
143834	2/007/01 Sprayed coating to ceiling	Chrysotile (White Asbestos)
143835	2/007/02 Stair nosing	Chrysotile (White Asbestos)
143836	2/007/03 Thermoplastic tile	Chrysotile (White Asbestos)
143837	2/007/04 Textured coating to wall	None Detected
143838	2/007/05 Insulating board debris to floor	Amosite (Brown Asbestos)
143839	2/007/06 Flash pads	Chrysotile (White Asbestos)
143840	2/007/07 Insulating boards to loft hatch	Amosite (Brown Asbestos)
143841	2/008/01 Stair nosing	None Detected
143842	2/008/02 Debris to floor	Amosite (Brown Asbestos)
143843	2/008/03 Partition to vent unit	None Detected
143844	2/009/01 Thermoplastic tile	Chrysotile (White Asbestos)
143845	2/009/02 Stair nosing	Chrysotile (White Asbestos)
143846	2/010/01 Thermoplastic tile	Chrysotile (White Asbestos)
143847	2/010/02 Stair nosing	Chrysotile (White Asbestos)
143848	2/011/01 Panel to hatch on wall	Amosite (Brown Asbestos)
		Chrysotile (White Asbestos)
143849	2/012/01 Flash pads	Chrysotile (White Asbestos)
143850	2/012/02 Panel to door	Crocidolite (Blue Asbestos)
		Chrysotile (White Asbestos)
143851	2/012/03 Debris	Crocidolite (Blue Asbestos)
		Chrysotile (White Asbestos)
143852	2/013/01 Panel to door	Crocidolite (Blue Asbestos)
		Chrysotile (White Asbestos)
143853	2/013/02 Gasket to pipework	None Detected
143854	2/013/03 Rope gasket	Chrysotile (White Asbestos)
143855	2/013/04 Flash pads	Chrysotile (White Asbestos)
143856	2/014/01 Debris	Chrysotile (White Asbestos)
143857	2/015/01 Flash pads	Chrysotile (White Asbestos)
143858	2/016/01 Thermal insulation	Crocidolite (Blue Asbestos)
		Chrysotile (White Asbestos)

Bradford Odeon, Third Floor

143859	3/001/01 Sheath to cable in rectifier projection	Chrysotile (White Asbestos)
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RESULTS FOR REPORT NUMBER: RWB/A1/24162/N

SAMPLE DETAILS IDENTIFICATION

(continued)

	room to cinema 2	
143860	3/001/02 Projection room to cinema 2, flash pads	Chrysotile (White Asbestos)
143861	3/001/03 Panel inside door	Crocidolite (Blue Asbestos)
		Chrysotile (White Asbestos)
143862	3/001/04 Insulation boards to upstands	Amosite (Brown Asbestos)
143863	3/001/05 Thermoplastic tiles	Chrysotile (White Asbestos)

Bradford Odeon, Loft Space

143864	+1/001/01 Cement debris above cinema 3	Chrysotile (White Asbestos)
143865	+1/001/02 Cement board to floor above cinema 3	Chrysotile (White Asbestos)
143866	+1/001/03 Cable to cable run above cinema 3	None Detected
143867	+1/003/03 Gasket to air handling unit above cinema 1	Chrysotile (White Asbestos)

Bradford Odeon, External

143868	901/01/01 Bitumen	None Detected
143869	901/01/02 Roofing felt	None Detected
143870	901/01/03 Cement panels to entrance to roof space	Chrysotile (White Asbestos)

Bradford Odeon, Ground Floor

143897	0/010/03- coating to underside of old theatre raised sections ceiling	Chrysotile (White Asbestos)
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4268

## Determination of Asbestos Content



Customer: ASTRA LIMITED  
Customer address: ASTRA HOUSE, WHITE HEART MEADOW,  
MIDDLETON, MANCHESTER M24 2GA  
Report No: 17022012MMPA  
Report Date: 17<sup>TH</sup> FEBRUARY 2012

Site: BRADFORD ODEON CINEMA  
Site Address: QUEBEC STREET, BRADFORD BD1 2ER  
Sample taken by: N/A  
Date Taken: N/A

Page 1 of 1

Sample Number	Location	Material Type	Asbestos Type
SAMPLE 01	AIB PANELLING DEBRIS TO FIRST FLOOR CORRIDOR NEXT TO FRIDGE ROOM	ASBESTOS INSULATING BOARD	AMOSITE, CHRYSOTILE
SAMPLE 02	INSULATION DEBRIS TO FLOOR AREA OF BASEMENT BELOW CONCRETE CEILING AREA	DEBRIS	NO ASBESTOS DETECTED

### Analysis Conducted by: M. Pala

Functions: HL=Head of Laboratory, TM=Technical Manager, QM=Quality Manager, DTM=Deputy Technical Manager, TO=Technical Officer

Analyst Signature:

The above have been obtained for samples examined by optical microscopy using polarising and dispersion staining techniques in accordance with the in-house manual and HSG248 Asbestos: The analysts guide for sampling, analysis and clearance procedures", ISBN 0 7176 2875 2 (2005). Opinions and interpretations expressed herein are outside the scope of UKAS accreditation. Reference to the type of material is based solely upon physical appearance and asbestos content. The laboratory is currently UKAS accredited for the sampling of asbestos in bulk materials and for identification of type of asbestos fibre in bulk materials. (Accreditation does not apply to content; 'trace' etc.)

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

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Registration no. 4011822 | Registered in England and Wales

Issue date: 25.02.12

## BULK ANALYSIS REPORT - ENV03

<b>Customer Address:</b>	ARD Industrial Services Ltd Unit 1-2 Church Street Industrial Estate, Church Street, Middleton, Manchester. M24 2GY	<b>Tel No:</b>	
		<b>Fax Number:</b>	
		<b>Order Number:</b>	Verbal
		<b>Contact:</b>	David Lloyd
<b>Sampled By:</b> N/A		<b>Site Location:</b> Bradford Odeon, Quebec Street, Bradford, BD1 2ER	

### ANALYTICAL PROCEDURE (In house document based on HSE Publication HSG 248 Appendix 2)

Fibres found in the sample or small portions of the sample were mounted on glass slides in specific refractive index liquids and examined using polarised light and dispersion staining microscopy. Fibres were identified by comparison of their optical properties with those of standard asbestos materials and published data. If only 1-2 asbestos fibres seen - Trace asbestos will be reported. MIS Environmental Limited accepts responsibility only for results obtained from samples received. No responsibility is accepted for errors which may have arisen during the sampling or transportation of the samples by a third party. Re: Artex Samples - analysis is carried out to HSG 248, however we would recommend that SEM (Scanning Electron Microscopy) analysis be used for this type of material. Re: Floor tiles which do not contain asbestos may be affixed using asbestos-containing mastic or bitumen. Where such material is detected, the floor tile to which it is adhered will be reported as containing asbestos.

**KEY:** Crocidolite (Blue Asbestos)    Amosite (Brown Asbestos)    Chrysotile (White Asbestos)    NAD (No asbestos Detected)  
The analytical method is not quantitative, typical % of asbestos content used in various products is available in HSG264 Appendix 2.

Lab Code	Analyst Code	Sample Details/Location	Material	Result
<u>Dan Kelly - 22/02/2012</u>				
420475		Sample 6 - Paper Lining to Pipework Insulation within Cavity Wall to Cinema 1	Paper or Card Products Paper	NAD
420479		Sample 4 - Pooled Samples of Coating to Ceiling in Cinema 1 on First Floor	Sprayed Coating	Chrysotile
420481		Sample 5 - Pooled Samples of Coating to Ceiling in Cinema 2 on First Floor	Sprayed Coating	NAD
<u>Sarah Hollingdrake - 22/02/2012</u>				
420472		Sample 3 - Pooled Samples of Coating to Ceiling in Ground Floor Bingo Hall	Sprayed Coating	NAD

This document has been electronically signed by:

Sarah Hollingdrake (Bulk Analyst) - 22/02/2012  
Dan Kelly (Bulk Analyst) - 22/02/2012

\* Comments, observations and opinions are outside of the UKAS Accreditation Scope.  
Unit 2, Kestrel Road, Trafford Park, Manchester, M17 1SF  
Tel: (0845) 0020165 / Fax: (0845) 0020681 E-mail: Info@mis-environmental.co.uk

Project Ref. No:	Job No:	Office Code:
26844	208945	MAN_GOO

Date of Issue: 22/02/2012

Page 1 of 1



**mis** Environmental Ltd



## **APPENDIX D**

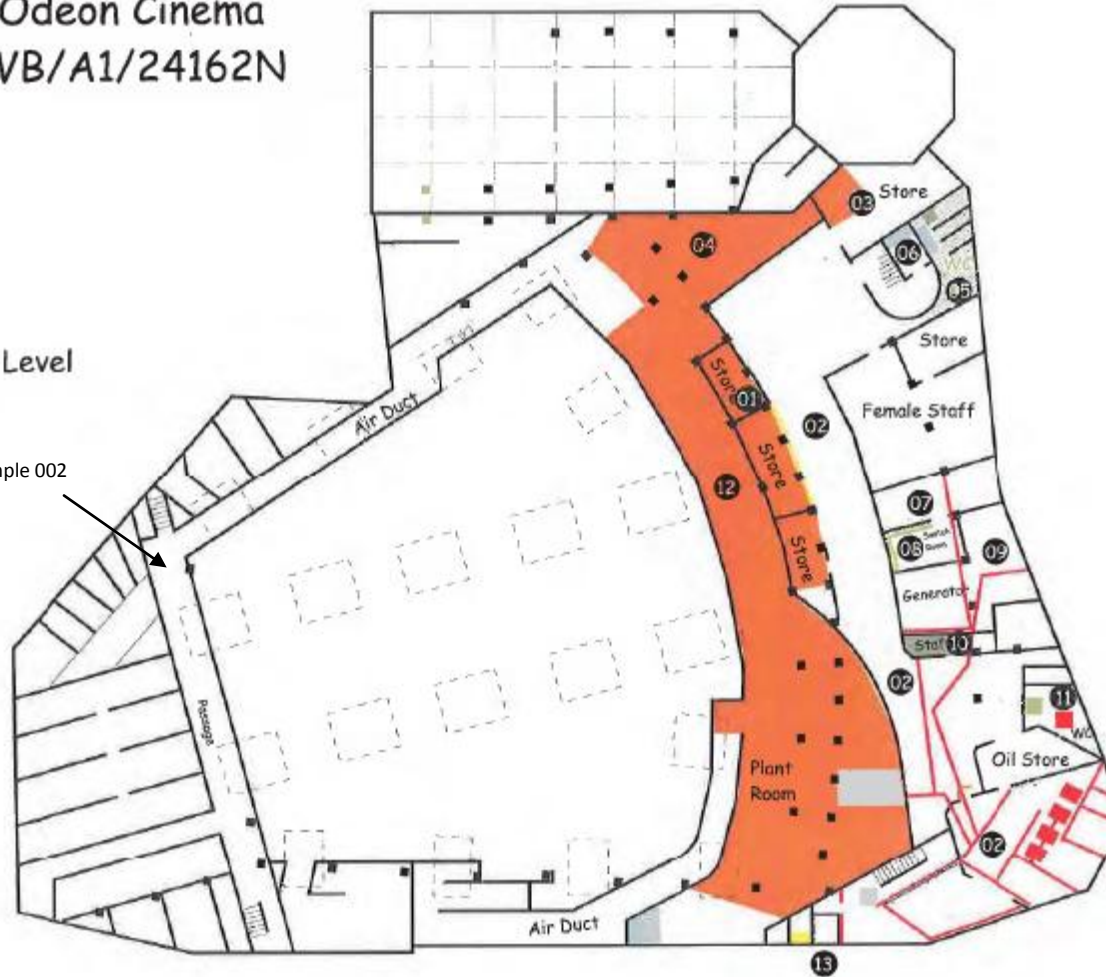
### **PLANS**

**07 pages this section**









## Bradford Odeon Cinema Report:RWB/A1/24162N

Basement Level

Sample 002

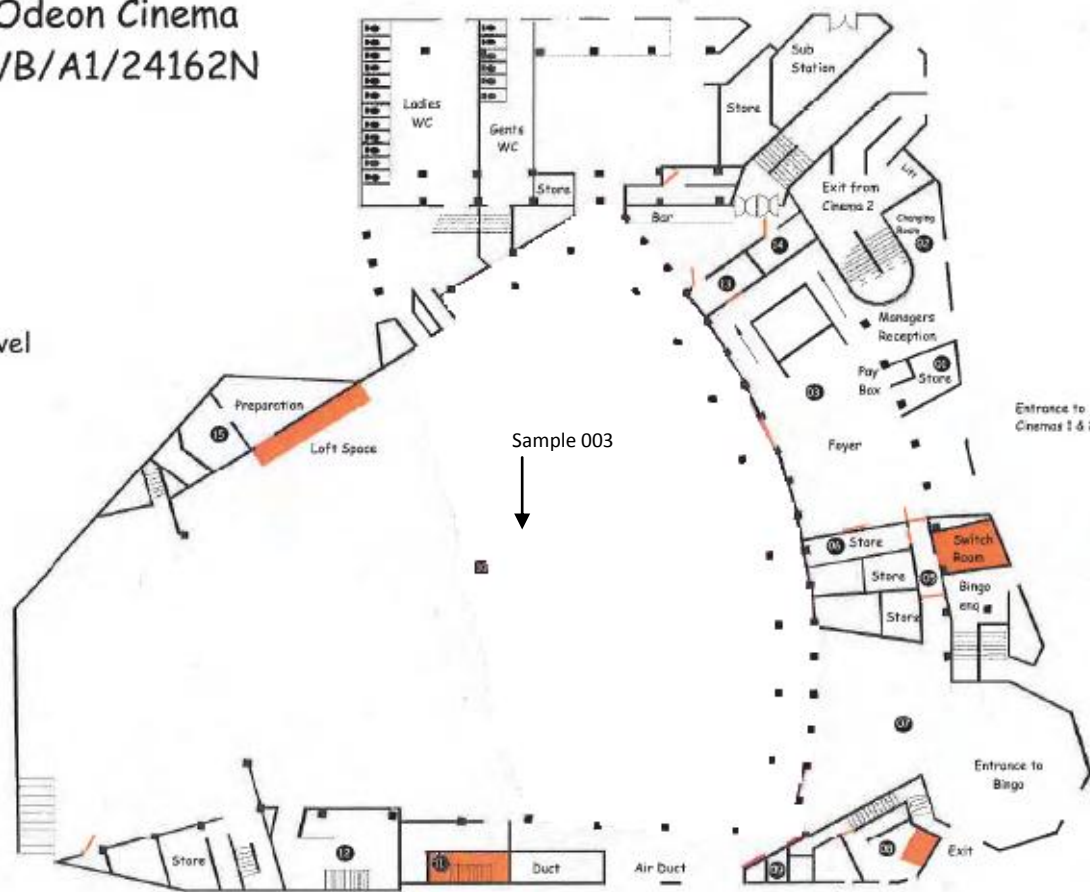


Asbestos Materials

Project No:	AR/BROD/AR/1
Plan No:	1 of 7
Floor Level:	Basement
Client:	ARTEZ LTD
Site Address:	Bradford Odeon Cinema, Quebec Street, Bradford, BD1 2ER
Asbestos Shading Colours:	
	Insulating Board
	Cement Product
	Gasket Material, Strings and Rope
	Thermal Insulation, and Lagging
	Thermoplastic floor tiles and Vinyl flooring products
	Toilet Cisterns/Reinforced Plastics
	Textured coating
	Spray Coating

## Bradford Odeon Cinema Report:RWB/A1/24162N

Ground Level



Asbestos Materials

Project No: AR/BROD/AR/1









Plan No: 2 of 7

Floor Level: Ground Floor

Client: ARTEZ LTD

Site Address:  
Bradford Odeon Cinema,  
Quebec Street, Bradford, BD1 2ER

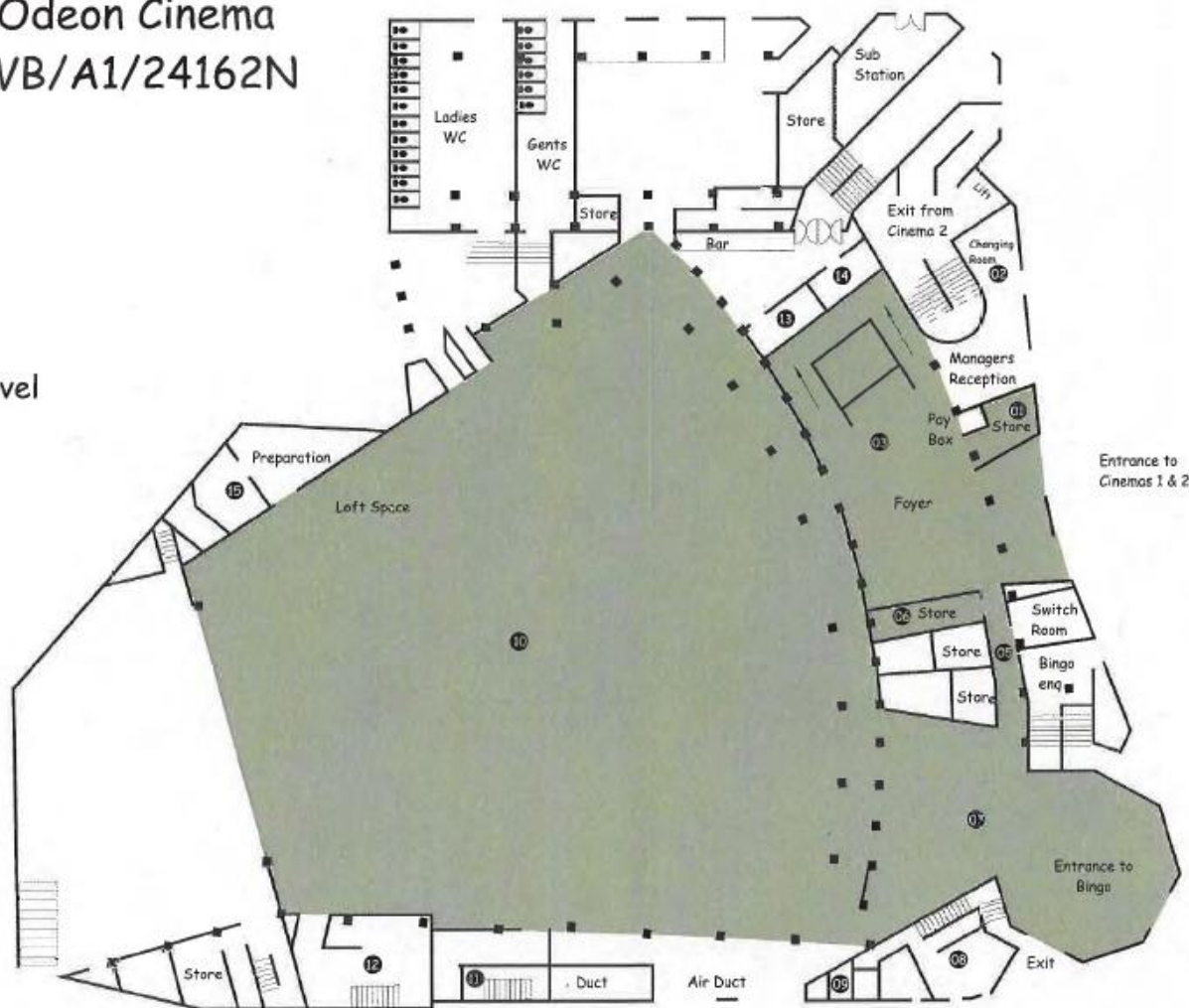
Asbestos Shading Colours:

	Insulating Board
	Cement Product
	Gasket Material, Strings and Rope
	Thermal Insulation, and Lagging
	Thermoplastic floor tiles and Vinyl flooring products
	Toilet Cisterns/Reinforced Plastics
	Textured coating
	Spray Coating



# Bradford Odeon Cinema Report:RWB/A1/24162N

Ground Level



Project No: AR/BROD/AR/1

Plan No: 3 of 7

Floor Level: Ground Floor

Client: ARTEZ LTD

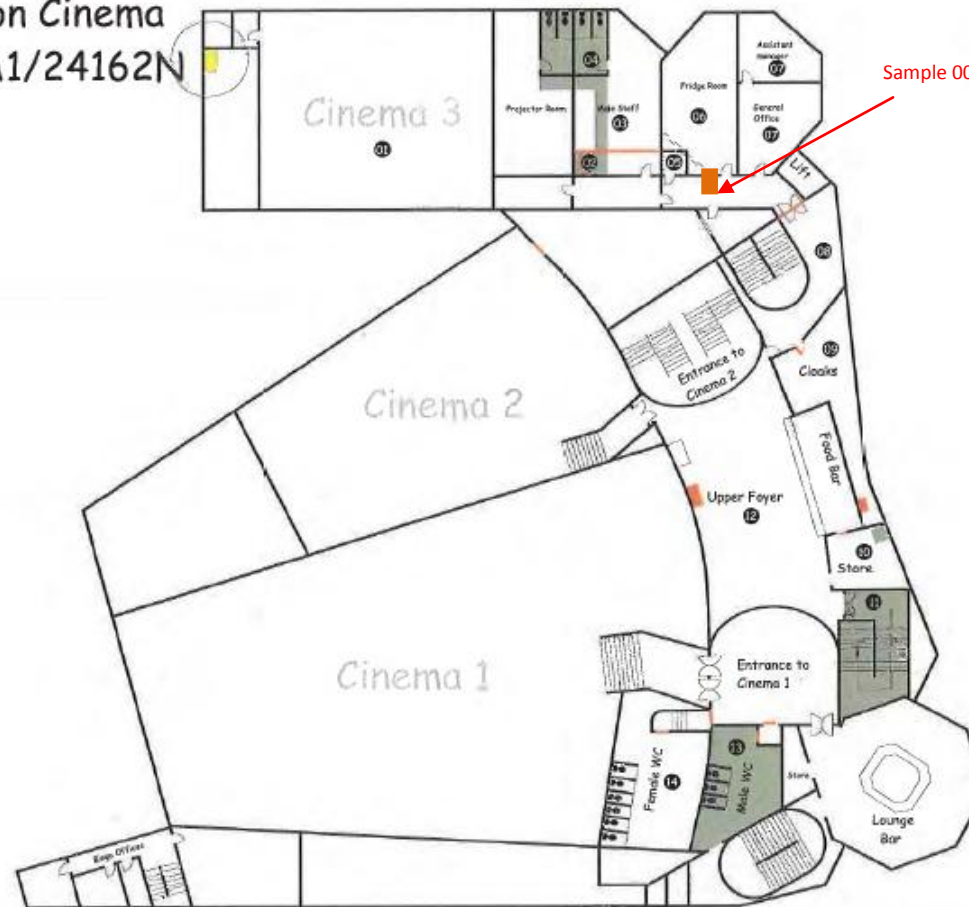
Site Address:  
Bradford Odeon Cinema,  
Quebec Street, Bradford, BD1 2ER

Asbestos Shading Colours:









	Insulating Board
	Cement Product
	Gasket Material, Strings and Rope
	Thermal Insulation, and Lagging
	Thermoplastic floor tiles and Vinyl flooring products
	Toilet Cisterns/Reinforced Plastics
	Textured coating
	Spray Coating

Bradford Odeon Cinema  
 Report:RWB/A1/24162N

Floor 1

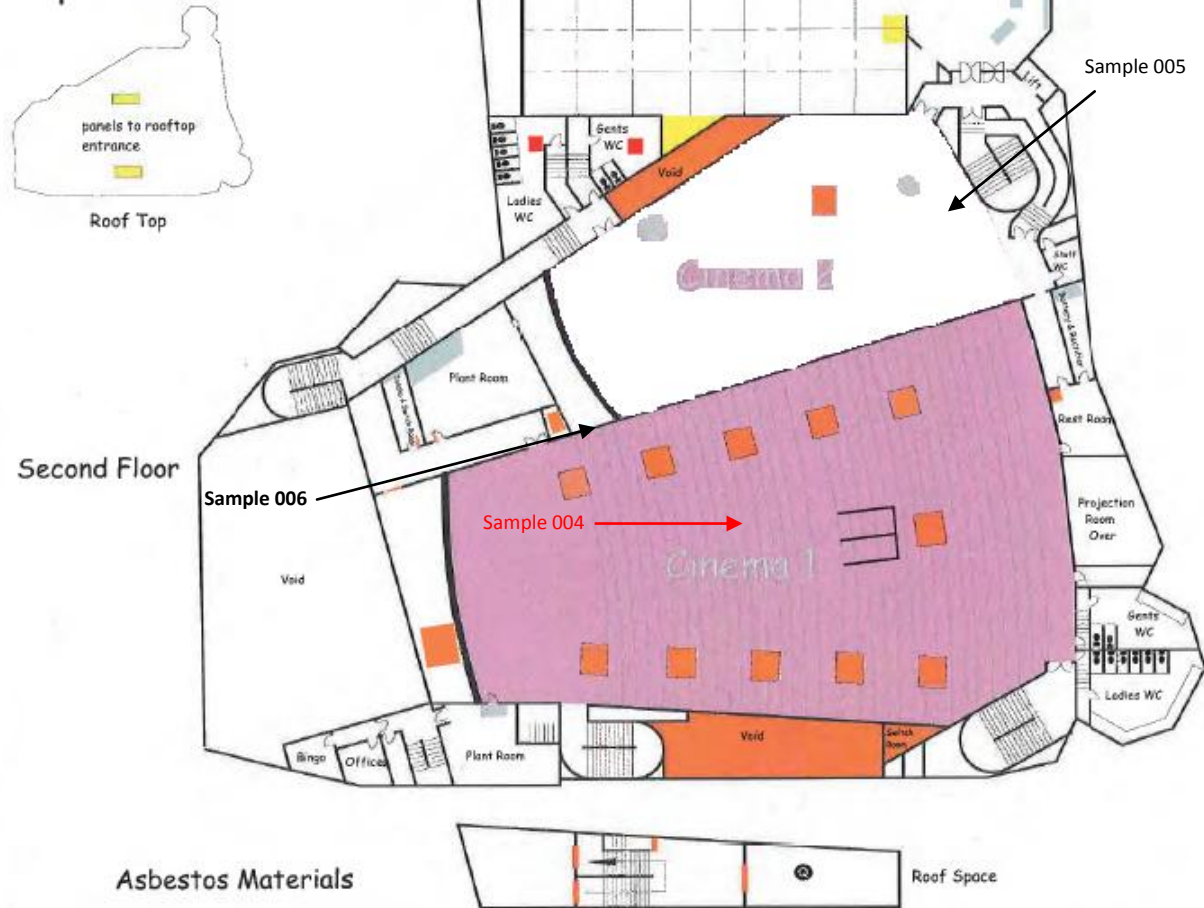










Asbestos Materials

Project No:	AR/BROD/AR/1
Plan No:	4 of 7
Floor Level:	First Floor
Client:	ARTEZ LTD
Site Address:	Bradford Odeon Cinema, Quebec Street, Bradford, BD1 2ER
Asbestos Shading Colours:	
	Insulating Board
	Cement Product
	Gasket Material, Strings and Rope
	Thermal Insulation, and Lagging
	Thermoplastic floor tiles and Vinyl flooring products
	Toilet Cisterns/Reinforced Plastics
	Textured coating
	Spray Coating



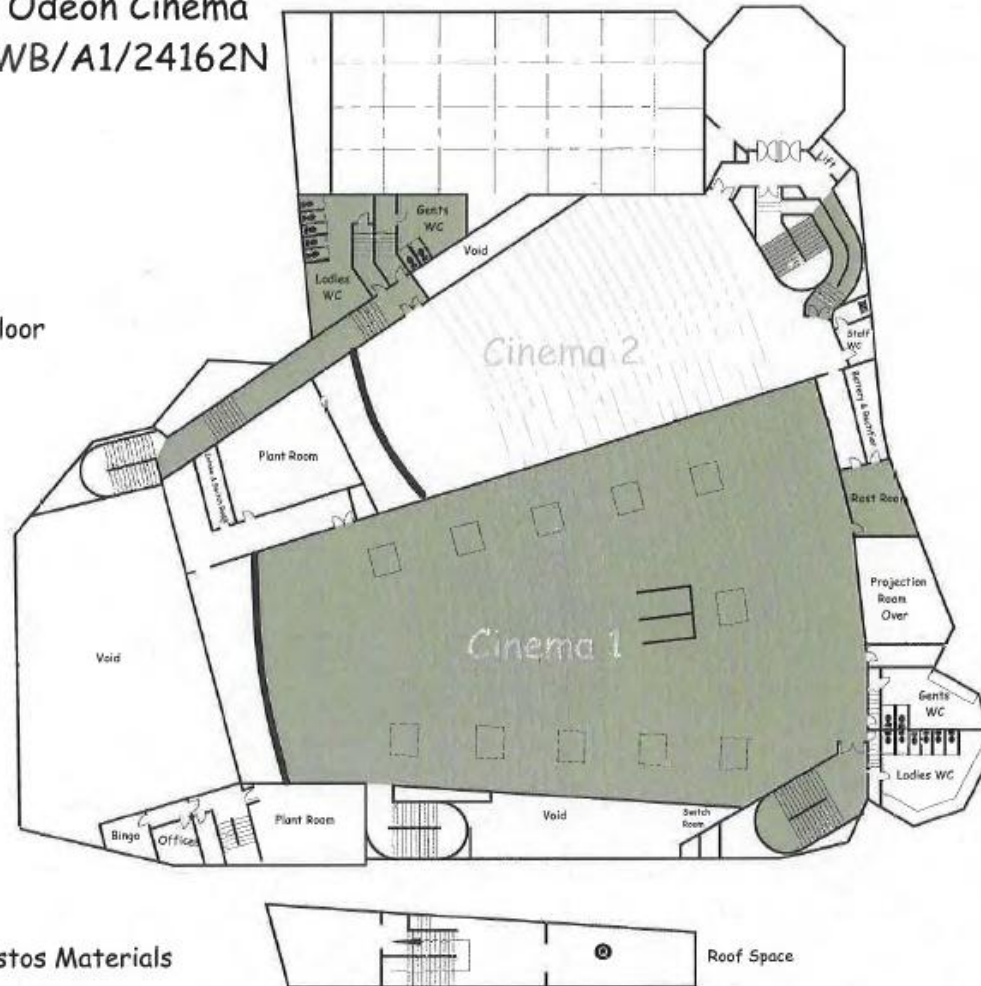
## Bradford Odeon Cinema Report:RWB/A1/24162N











Project No:	AR/BROD/AR/1
Plan No:	5 of 7
Floor Level:	Second Floor
Client:	ARTEZ LTD
Site Address:	Bradford Odeon Cinema, Quebec Street, Bradford, BD1 2ER
Asbestos Shading Colours:	
	Insulating Board
	Cement Product
	Gasket Material, Strings and Rope
	Thermal Insulation, and Lagging
	Thermoplastic floor tiles and Vinyl flooring products
	Toilet Cisterns/Reinforced Plastics
	Textured coating
	Spray Coating

**Bradford Odeon Cinema**  
**Report:RWB/A1/24162N**

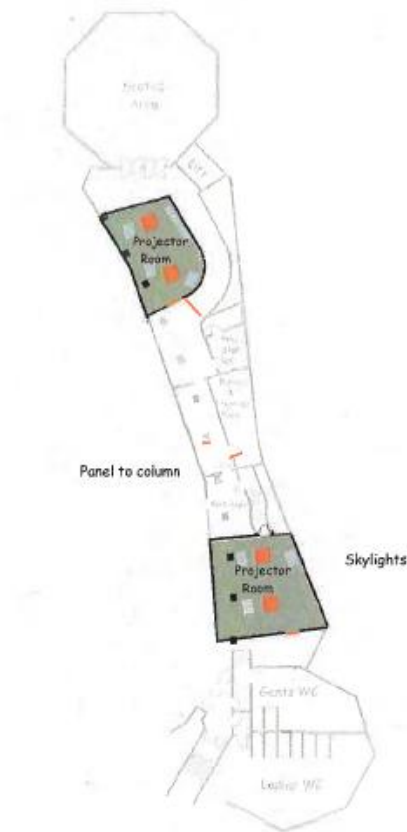
Second Floor











Project No:	AR/BROD/AR/1
Plan No:	6 of 7
Floor Level:	Second Floor
Client: ARTEZ LTD	
Site Address: Bradford Odeon Cinema, Quebec Street, Bradford, BD1 2ER	
Asbestos Shading Colours:	
	Insulating Board
	Cement Product
	Gasket Material, Strings and Rope
	Thermal Insulation, and Lagging
	Thermoplastic floor tiles and Vinyl flooring products
	Toilet Cisterns/Reinforced Plastics
	Textured coating
	Spray Coating

## Bradford Odeon Cinema Report:RWB/A1/24162N

Level 3  
Projection Suite Level



Asbestos Materials

Project No:	AR/BROD/AR/1
Plan No:	7 of 7
Floor Level:	Third Floor
Client: ARTEZ LTD	
Site Address: Bradford Odeon Cinema, Quebec Street, Bradford, BD1 2ER	
Asbestos Shading Colours:	
	Insulating Board
	Cement Product
	Gasket Material, Strings and Rope
	Thermal Insulation, and Lagging
	Thermoplastic floor tiles and Vinyl flooring products
	Toilet Cisterns/Reinforced Plastics
	Textured coating
	Spray Coating









## **APPENDIX E**

### **PHOTOGRAPHIC PLATES**





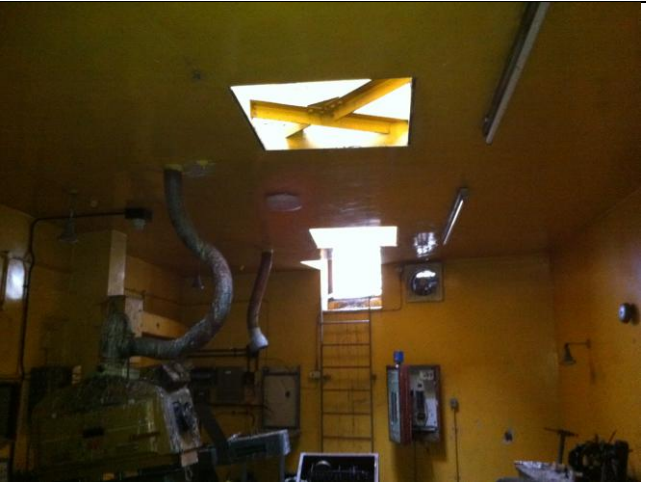

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<p><b>Basement Plant Room AIB to door.</b></p>	<p><b>Basement Plant Room unsealed panel to ceiling.</b></p>
	
<p><b>Ceiling panelling to Basement Store Room damaged to edges.</b></p>	<p><b>AIB Debris from damaged ceiling panelling within Basement Plenum Chamber Area</b></p>
	
<p><b>AIB Debris from damaged area of ceiling in Basement Plenum Chamber</b></p>	<p><b>Woven pipe work insulation above non asbestos pipe work insulation in Basement Plant Room</b></p>

	
<p><b>The internal AIB linings to the heater within the Ground Floor Foyer</b></p>	<p><b>The highly damaged internal AIB linings to the heater within the Ground Floor Foyer</b></p>
	
<p><b>The highly damaged wall panelling to the Ground Floor Store Room</b></p>	<p><b>Ground Floor Kitchen highly damaged fire door with unsealed AIB lining</b></p>
	
<p><b>The Ground Floor Bar Area. AIB debris and loft hatches above.</b></p>	<p><b>AIB ceiling to Floor Switch Room. Vandal damaged.</b></p>



	
<p><b>First Floor Upper Foyer damaged heater lining</b></p>	<p><b>First Floor Store Room AIB panelling to column highly damaged</b></p>
	
<p><b>Debris in Second Floor Cinema 1 form Spray Coating</b></p>	<p><b>Debris in Second Floor Cinema 1 form Spray Coating</b></p>
	
<p><b>AIB upstands to the skylights in Third Floor Projector Room for Cinema 2</b></p>	<p><b>Second Floor Rest Room AIB panel to wall damaged to side and corner unsealed</b></p>