

Case Chemicals

Asbestos Survey for

Fleet Support Limited

at

HMS Cardiff
HM Naval Base
Portsmouth
Hampshire
PO1 3NJ



Case Chemicals

Names and Addresses

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Case Chemicals

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Case Chemicals	Project Number:	3239c
	Survey Date:	14 January 2008
	Printed On:	01 February 2008
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SECTION ONE

SITE DESCRIPTION

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Site Description

General Information:

A type 2 survey was carried out to HMS Cardiff, whilst docked at HM Naval base in Portsmouth, from the 14th - 19th January 2008.

This type 42 Royal Navy Destroyer was built circa 1972.

Area	Comments	Accessed
HMS Cardiff	Consisting of numerous rooms split over several decks. The decks were accessed through a number of hatches located throughout the ship.	Yes

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SECTION TWO

SURVEY OBJECTIVES

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Survey Objectives

- 1 Produce a report, in a database format, indicating areas containing identified and suspected asbestos based materials, including photographic records of asbestos occurrences where possible.
- 2 To carry out a survey to ascertain the presence of asbestos based materials.
- 3 To include a risk assessment for each individual Sample.

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SECTION THREE

SURVEY TECHNIQUE

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Survey Technique

- 1 Materials of a similar type were only occasionally sampled and it was assumed that other surfaces identical to where the sample was taken, was of a similar composition.
- 2 Photographs were taken at all of the sample locations (unless otherwise stated).
- 3 Samples were returned to the Main Laboratory for analysis.
- 4 Asbestos Bulk Sample Analysis is conducted by using Polarised Light and Dispersion Staining Techniques. Dispersion Staining is used to describe the colour effects produced when a transparent colourless particle or fibre is immersed in a liquid having a refractive index near to that of the particle or fibre, and is viewed under a microscope using transmitted white light (based on HSE Publication MDHS 77).

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SECTION FOUR

SURVEY CAVEAT

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Survey Caveat

- 1 Every effort has been made to identify all asbestos materials so far as was reasonably practical to do so within the scope of the survey and the attached report. Methods used to carry out the survey were agreed with the client prior to any works being commenced.

Survey techniques used involved trained and experienced surveyors using the combined approach with regard to the visual examination and necessary bulk sampling. It is always possible after a survey that asbestos based materials of one sort or another may remain undetected in the property or area covered by that survey, this could be due to various reasons:

- Asbestos materials existing within areas not specifically covered by this report are therefore outside the scope of the survey.
- Materials may be hidden or obscured by other items or cover finishes i.e. paint, over boarding, disguising etc. where this is the case then its detection will be impaired.
- Asbestos may well be hidden as part of the structure to a building and not visible until the structure is dismantled at a later date.
- Debris from previous asbestos removal projects may well be present in some areas; general asbestos debris does not form part of this survey however all good intentions are made for its discovery.
- Where an area has been previously stripped of asbestos i.e. plant rooms, ducts etc. and new coverings added, it must be pointed out that asbestos removal techniques have improved steadily over the years since its introduction. Most notably would be the Control of Asbestos at Work regulations (2002) or other similar subsequent Regulations laying down certain enforceable guidelines. Asbestos removal prior to this regulation would not be of today's standard and therefore debris may be present below new coverings.
- This survey will detail all areas accessed and all samples taken, where an area is not covered by the survey it will be due to No Access for one reason or another i.e. working operatives, sensitive location or just simply no access. It may have been necessary for the limits of the surveyor's authority to be confirmed prior to the survey.
- Access for the survey may be restricted for many reasons beyond our control such as height, inconvenience to others, immovable obstacles or confined space. Where electrical equipment is present and presumed in the way of the survey no access will be attempted until proof of its safe state is given. Our operatives have a duty of care under the Health and Safety at Work act (1974) for both themselves and others.
- In the building where asbestos has been located and it is clear that not all areas have been investigated, any material that is found to be suspicious and not detailed as part of the survey should be treated with caution and sampled accordingly.
- Certain materials contain asbestos to varying degrees and some may be less densely contaminated at certain locations (Artex for example). Where this is the case the sample taken may not be representative of the whole product throughout.
- Where a survey is carried out under the guidance of the owner of the property, or his representative, then the survey will be as per his instructions and guidance at that time.
- We cannot accept any liability for loss, injury, damage or penalty issues due to errors or omissions within this report.
- We cannot be held responsible for any damage caused as part of this survey carried out on your behalf. Due to the nature and necessity of sampling for asbestos some damage is unavoidable and will be limited to just that necessary for the taking of the sample.

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SECTION FIVE

SURVEY NOTES

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Survey Notes

- 1 Whilst every effort was made to locate the ceiling panels, wall partitions and other panels, which may have been constructed from asbestos boarding, none other than those detailed were found. Some may have been missed due to repairs, alterations etc, where false and other finishes have been applied or where different specifications (including a possible mixture of asbestos and non-asbestos) panels have been used in the same area. Only by sampling each panel would the composition of all the materials be known. This was clearly not practical in terms of cost or time.
- 2 No air monitoring was carried out whilst the survey was undertaken and therefore care was taken not to cause disturbance of fibre or contamination of clean surfaces.
- 3 This report has been written with reference to the various Guidance Notes etc, issued, and current at the date of this report and describes circumstances at the site on the date the investigation took place.
- 4 Where similar items exist in the building, only one or two samples have been taken to ascertain the material content. It was assumed that similar products were of the same material. Only random sampling was carried out.
- 5 Any person undertaking work within the buildings should be told of the presence of asbestos. This briefing also applies to any other person associated with the site, including staff, sub-contractors and others.
- 6 The diagrams in the report are not to scale and are illustrative only to indicate approximate locations. The descriptions used are for location identification purposes
- 7 All the recommendations described in this report are based upon assumptions made after consideration of the type of material, condition of the material, its location, analysis result and type of use the area is thought to be subjected to. However, statutory authorities or others, could require amendments based on local knowledge, change in legislation, change in use or indeed, other conditions of criteria.
- 8 Equipment, machinery, ducting etc were not moved, opened up or examined for the purpose of this investigation except in the odd occasion where hatches were available.
- 9 Any quantities mentioned within this report are estimates only and should not be used for asbestos removal quotation purposes.

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SECTION SIX

SURVEY SUMMARY

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Survey Summary

- 1 For positive identification of asbestos bearing materials please refer to the individual sample data sheets.

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SECTION SEVEN

SURVEY RECOMMENDATIONS

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Survey Recommendations

1 Material Assessment and Algorithm

The material assessment is an assessment of the condition of the ACM, or the presumed ACM, and the likelihood of it releasing fibres in the event of it being disturbed in some way. This material assessment will give a good initial guide to the priority for management, as it will identify the materials, which will most readily release airborne fibres if disturbed. However, there are other factors to take into account when prioritising action.

MDHS100 recommends the use of an algorithm to carry out the material assessment, and contains an example. The algorithm is a numerical way of taking into account several influencing factors, giving each factor considered a score. These scores can then be totaled to give a material assessment score. The use of algorithms is not infallible, but the assessment process is clear for all to see, so if discrepancies arise, it should be possible to track back through the assessment process to find the root of the error. The algorithm shown in MDHS100 considers four parameters that determine the risk from ACM: that is the ability to release fibres if disturbed. These four parameters are:

Product type;
Extent of damage;
Surface treatment; and
Asbestos type

Each of the parameters is scored and added to give a total score between 2 and 12:

Materials with scores of 10 or more should be regarded as high risk with a significant potential to release fibres if disturbed;

Those with a score between 7 and 9 are regarded as medium risk;

Materials with a score between 5 and 6 are low risk; and

Scores of 4 or less are very low risk.

PRIORITY ASSESSMENT AND ALGORITHM

The material assessment identifies the high-risk materials, that is, those which will most readily release airborne fibres if disturbed. It does not automatically follow that those materials assigned the highest score in the material assessment will be the materials that should be given priority for remedial action. Management priority must be determined by carrying out a risk assessment which will also take into account factors such as:

Maintenance activity;
Occupant activity;
Likelihood of disturbance;
Human exposure potential.

THE RISK ASSESSMENT INCLUDES A MATERIAL ASSESSMENT AND A PRIORITY ASSESSMENT.

THE MATERIAL ASSESSMENT LOOKS AT THE TYPE AND CONDITION OF THE ACM AND THE EASE WITH WHICH IT WILL RELEASE FIBRES IF DISTURBED.

THE PRIORITY ASSESSMENT LOOKS AT THE LIKELIHOOD OF SOMEONE DISTURBING THE ACM.

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Survey Recommendations

recommended that will apply equally to all types of premises. Therefore four general headings have been used and one or more factors can be taken into account and averaged under each heading to suit the circumstances. If you choose to use more than one factor under a general heading, then average the scores under that heading, rounding up where necessary.

The scores from the material assessment (i.e. the condition of the ACM or presumed ACM) are added to the scores of the priority assessment (the likelihood of disturbance), to give the overall risk assessment. Risk assessment scores for different ACMs can then be compared to develop your action plan. In many circumstances the scores will be similar, making decisions more difficult. For example a boiler house with asbestos pipe work insulation in poor condition may get the same or similar risk assessment score to an office with asbestos insulating board in reasonably good condition. This is simply because the ACM in the boiler house received a higher score than the ACM in the office because the ACM in the boiler house was in poor condition. However, the priority assessment for the office will get a higher score than the boiler house since the office is occupied more often. Add the scores together for the material and priority assessments, and you get similar scores. If this is the case then you may decide that the office needs doing first because it is used daily. On the other hand you may decide that the poor condition of the ACM in the boiler house means that it should be done first. If the office was a classroom, the young age of the occupants may be a deciding factor. Algorithms are provided to help you, but they are best guesses and will often require you to make your own additional judgements.

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Survey Recommendations

The risk assessment can only be carried out with detailed knowledge of all the above. Although a surveyor may have some of the information which will contribute to the risk assessment and may be part of an assessment team, you, as the duty holder under CAW, are required to make the risk assessment, using the information given in the survey report and your detailed knowledge of the activities carried out within your premises. The risk assessment will form the basis of the management plan, so it is important that it is accurate.

MAINTENANCE ACTIVITY

The first and most important factor which must be taken into consideration is the level of maintenance activity likely to be taking place in an area. Maintenance trades such as plumbers and electricians are the group who the duty to manage is primarily trying to protect. There are two types of maintenance activity, planned and unplanned. Planned work can be assessed and carried out using procedures and controls to reduce exposure to asbestos. Unplanned work requires the situation to be dealt with as found and the controls that can be applied may be more limited. The frequency of maintenance activities also need to be taken into account in deciding what management action is appropriate.

OCCUPANT ACTIVITY

The activities carried out in an area will have an impact on the risk assessment. When carrying out a risk assessment the main type of use of an area and the activities taking place within it should be taken into account. For example a little used storeroom or an attic will rarely be accessed and so any asbestos is unlikely to be disturbed. At the other end of the scale, in a warehouse lined with asbestos insulating board panels, with frequent vehicular movements, the potential for disturbance of ACMs is reasonably high and this would be a significant factor in the risk assessment. As well as the normal everyday activities taking place in an area, any secondary activities will need to be taken into account.

LIKELIHOOD OF DISTURBANCE

The two factors that will determine the likelihood of disturbance are the extent or amount of the ACM and its accessibility/vulnerability. For example, asbestos soffits outdoors are generally inaccessible without the use of ladders or scaffolding, are unlikely to be disturbed. The asbestos cement roof of a hospital ward is also unlikely to be disturbed, but its extent would need to be taken into account in any risk assessment. However if the same ward had asbestos panels on the walls they would be much more likely to be disturbed by trolley/bed movements.

HUMAN EXPOSURE POTENTIAL

The human exposure potential depends on three factors: the number of occupants of an area, the frequency of use of the area, and the average time each area is in use. For example, a school boiler room is likely to be unoccupied, but may be visited daily for a few minutes. The potential for exposure is much less than say in a classroom lined with asbestos insulating board panelling, which is occupied daily for six hours by 30 pupils and a teacher.

PRIORITY ASSESSMENT ALGORITHMS

Taking all these factors into account in a logical, consistent manner is difficult. Using an algorithm will help you to produce priority assessments that have taken the factors into account in a consistent way. The number of factors relevant at any one site needs to be carefully considered, as the more factors included in an algorithm, the lower the influence of the most important risk factors becomes, and this may produce anomalies. For this reason it is recommended that the number of factors that are scored is limited to four, the same as the number of factors in the material assessment. There is no single set of factors that can be

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SECTION NINE

MATERIAL ASSESSMENT: SUMMARY BY ASBESTOS TYPE

Material Assessment: Summary by Asbestos Type

Site Name: HMS Cardiff
 Project Number: 3239c

Asbestos Type: Chrysotile

Sample Date	Location Ref	Drawing Reference	Area	Floor	Room	Product Name	Material Risk Score	Material Risk Band	Priority Risk Score	Comments	Action	Survey Type
14/01/08	003	D01	B	2 deck	Bosuns store	Gasket	4	Very Low Risk	N/A	Metal floor and walls, with textile and MMMF cover to sections, woven textile over foam and MMMf lagging to pipework. Asbestos containing gasket sampled from metal ducting to ceiling on port side.	inspect periodically & manage as required	T 2
14/01/08	010	D01	C	2 deck	Corridor	Gasket	3	Very Low Risk	N/A	Non asbestos lino to floor, metal walls, metal ceiling with metal panels, foam lagged pipework. Asbestos containing gsaket sampled to pipe by door to section B. Suspect other gaskets remain hidden in this area	inspect periodically & manage as required	T 2
14/01/08	009	D01	C	2 deck	Laundry	Gasket	4	Very Low Risk	N/A	metal ducting present throughout room. Low level found to have rubber gaskets where accessed with high level ducting found to have asbestos containing gaskets, as Loc Ref: 003.	inspect periodically & manage as required	T 2
14/01/08	015	D01	C	3 deck	Hydraulics compartment	Gasket	3	Very Low Risk	N/A	Metal floor and ceiling, textile and MMMF cover to walls, foam lagged pipework, metal ducting with cork insulation. Suspect asbestos containing gaskets, as Loc Ref: 013, to pipework.	inspect periodically & manage as required	T 2

Material Assessment: Summary by Asbestos Type

Site Name:	HMS Cardiff
Project Number:	3239c

Asbestos Type: Chrysotile

Sample Date	Location Ref	Drawing Reference	Area	Floor	Room	Product Name	Material Risk Score	Material Risk Band	Priority Risk Score	Comments	Action	Survey Type
14/01/08	013	D01	C	3 deck	Lobby	Gasket	3	Very Low Risk	N/A	Metal floor, metal walls with MMMF cover, rubber gaskets to metal ducting. Asbestos containing gaskets to pipework; cork gaskets also observed to pipework in this area.	Inspect periodically & manage as required	T 2
14/01/08	336	D01	External	02 deck	Area behind V/UHF office	Debris	8	Medium Risk	N/A	Isolated section of asbestos containing debris to pipework with non asbestos insulation. The debris to this pipework was of unknown origin.	Limit access prior to environmental clean	T 2
14/01/08	078	D01	G	02 deck	909 office	Woven textile	4	Very Low Risk	N/A	Asbestos containing flexible conduits between numerous electrical/control cabinets and walls. Conduits present at high and low level. Warning labels applied to equipment.	Inspect periodically & manage as required	T 2
14/01/08	201	D01	G	02 deck	909 office	Cement	3	Very Low Risk	N/A	Asbestos cement relay shields, as Loc Ref: 227, observed within 1 No. end cabinet. Asbestos warning sticker affixed to cabinet.	Inspect periodically & manage as required	T 2
14/01/08	054	D01	G	4 deck	909 power room	Gasket	3	Very Low Risk	N/A	Asbestos containing gasket sampled to fan motor. Other accessed gaskets found to be rubber. Foam lagged pipework present.	Inspect periodically & manage as required	T 2

Material Assessment: Summary by Asbestos Type

Site Name: HMS Cardiff

Project Number: 3239c

Asbestos Type: **Chrysotile**

Sample Date	Location Ref	Drawing Reference	Area	Floor	Room	Product Name	Material Risk Score	Material Risk Band	Priority Risk Score	Comments	Action	Survey Type
14/01/08	079	D01	H	02 deck	909 annexe	Woven textile	4	Very Low Risk	N/A	Asbestos containing flexible conduits, as Loc Ref: 078, between numerous electrical/control cabinets. Warning labels applied to equipment.	Inspect periodically & manage as required	T 2
14/01/08	116	D01	H	3 deck	Lobby	Fuse guard	3	Very Low Risk	N/A	Fuse box with asbestos warning sticker affixed. Not opened but presume asbestos cement flash guards or asbestos fuse tape within. Presume same materials present within fuse boxes of same construction throughout ship.	Inspect periodically & manage as required	T 2
14/01/08	138	D01	J	2 deck	Permieter offices	Gasket	4	Very Low Risk	N/A	Asbestos containing gasket to unlagged metal pipewrok oppsoite servery. Further gaskets may remain concealed to flanges.	Inspect periodically & manage as required	T 2
14/01/08	146	D01	K	4 deck	Forward engine room	Gasket	3	Very Low Risk	N/A	Asbestos containing gasket to pipework. Suspect same gasket material used throughout room and mixed with cork rubber and plastic gaskets which were also observed.	Inspect periodically & manage as required	T 2
14/01/08	150	D01	K	4 deck	Forward engine room	Cement	3	Very Low Risk	N/A	2 No. fuse/control boxes labelled as asbestos containing. Presume asebstos fuse tape or asbestos cement within. Presume same materials present within boxes of same construction throughout ship.	Inspect periodically & manage as required	T 2

Material Assessment: Summary by Asbestos Type

Site Name: HMS Cardiff

Project Number: 3239c

Asbestos Type: Chrysotile

Sample Date	Location Ref	Drawing Reference	Area	Floor	Room	Product Name	Material Risk Score	Material Risk Band	Priority Risk Score	Comments	Action	Survey Type
14/01/08	153	D01	K	4 deck	Forward engine room	Gasket	4	Very Low Risk	N/A	Exposed asbestos containing gasket to top of 1 No. Olympus engine. Suspect gaskets of same material remain concealed to engines. Gaskets to ducts above engine found to be cork where accessible.	Remove identified ACM	T 2
14/01/08	169	D01	L	2 deck	Perimeter corridors	Gasket	3	Very Low Risk	N/A	Exposed asbestos containing gasket sampled from pipework on starboard side. Suspect further gaskets of same material remain concealed to pipework.	Inspect periodically & manage as required	T 2
14/01/08	178	D01	L	4 deck	After engine room	Woven textile	4	Very Low Risk	N/A	Asbestos containing rope gasket observed to central section of 2 No. engines below vents to down space. Textile and MMMF lagging to vents.	Inspect periodically & manage as required	T 2
14/01/08	179	D01	L	4 deck	After engine room	Insulation	10	High Risk	N/A	Asbestos containing insulation material adjacent to sample identified in Loc Ref: 178, on 2 No. engines, some minor debris observed. It is suspected that further instances of samples 178 & 179 are likely to be concealed within engines.	Removed By Licenced Contractor	T 2
14/01/08	180	D01	L	4 deck	After engine room	Gasket	4	Very Low Risk	N/A	Asbestos containing gasket exposed to side of 1 No. engine. Suspect same gasket material is concealed within both engines.	Inspect periodically & manage as required	T 2

Material Assessment: Summary by Asbestos Type

Site Name: HMS Cardiff

Project Number: 3239c

Asbestos Type: **Chrysotile**

Sample Date	Location Ref	Drawing Reference	Area	Floor	Room	Product Name	Material Risk Score	Material Risk Band	Priority Risk Score	Comments	Action	Survey Type
14/01/08	181	D01	L	4 deck	After engine room	Gasket	4	Very Low Risk	N/A	Asbestos containing gasket material sampled from pipework. Due to the extent of pipework throughout this area it is likely that a mixture of gasket materials will be present to flanges.	Inspect periodically & manage as required	T 2
14/01/08	245	D01	N	01 deck	909 annexe	Woven textile	4	Very Low Risk	N/A	Asbestos containing woven textile conduits between equipment in 3 No. locations along wall adjoining 909 office.	Inspect periodically & manage as required	T 2
14/01/08	246	D01	N	01 deck	909 office	Woven textile	4	Very Low Risk	N/A	Asbestos containing woven textile conduits, as Loc Ref: 245, at high level between cabinets and to wall adjoining 909 annexe.	Inspect periodically & manage as required	T 2
14/01/08	247	D01	N	01 deck	909 office	Woven textile	4	Very Low Risk	N/A	Asbestos containing woven textile conduits, as Loc Ref: 245, at low level between cabinets and to wall adjoining 909 annexe.	inspect periodically & manage as required	T 2
14/01/08	248	D01	N	01 deck	909 office	Cement	3	Very Low Risk	N/A	Asbestos cement relay shields, as Loc Ref: 227, observed within 1 NO. end cabinet. Asbestos warning sticker affixed to cabinet.	Inspect periodically & manage as required	T 2
14/01/08	335	D01	N	1:deck	Btry chrg room	Gasket	4	Very Low Risk	N/A	Unable to gain access as internal door seized shut. Asbestos containing gasket, as Loc Ref: 257, to bolt on outside of door	Inspect periodically & manage as requi	T 2

Material Assessment: Summary by Asbestos Type

Site Name: HMS Cardiff

Project Number: 3239c

Asbestos Type: Chrysotile

Sample Date	Location Ref	Drawing Reference	Area	Floor	Room	Product Name	Material Risk Score	Material Risk Band	Priority Risk Score	Comments	Action	Survey Type
14/01/08	227	D01	N	3 deck	909 power room	Cement	4	Very Low Risk	N/A	Foam lagged pipes, MMMF cover to walls and ceiling. Asbestos cement relay shields observed within open control unit.	Inspect periodically & manage as required	T 2
14/01/08	231	D01	N	4 deck	Plummer block cmpt 1	Gasket	3	Very Low Risk	N/A	Asbestos containing gaskets ample to pipework.	Inspect periodically & manage as required	T 2
14/01/08	239	D01	N	4 deck	Sewage treatment plant	Gasket	3	Very Low Risk	N/A	Asbestos containing gaskets to pressurised filter vessels located to opposite sides of room.	Inspect periodically & manage as required	T 2
14/01/08	257	D01	P	1 deck	Air weapon & maint cmpt	Gasket	3	Very Low Risk	N/A	Asbestos containing gasket to door bolt. Strongly suspect this gasket material is present to all doors of same construction, where present throughout ship. Some of which may not be directly identified within this report.	Inspect periodically & manage as required	T 2
14/01/08	258	D01	P	1 deck	Air weapon & maint cmpt	Gasket	4	Very Low Risk	N/A	Asbestos containing gasket, as Loc Ref: 257, to door bolt on door leading to Air weapon magazine.	Inspect periodically & manage as required	T 2
14/01/08	253	D01	P	1 deck	Hangar	Gasket	4	Very Low Risk	N/A	Asbestos containing gasket sampled on brown painted pipework to fuel filter. Other accessed gaskets to this section of pipework were found to be cork.	Inspect periodically & manage as required	T 2
14/01/08	261	D01	P	1 deck	Torpedo stowage cmpt	Gasket	4	Very Low Risk	N/A	Asbestos containing gasket, as Loc Ref: 257, to bolt on door from external deck.	Inspect periodically & manage as required	T 2

Material Assessment: Summary by Asbestos Type

Site Name: HMS Cardiff

Project Number: 3239c

Asbestos Type: Chrysotile

Sample Date	Location Ref	Drawing Reference	Area	Floor	Room	Product Name	Material Risk Score	Material Risk Band	Priority Risk Score	Comments	Action	Survey Type
14/01/08	279	D01	P	4 deck	Lobby	Gasket	3	Very Low Risk	N/A	Asbestos containing gaskets, as 257, to door bolts on doors leading to New C/WS Mag and ECWC store. Foam lagged pipework present.	Inspect periodically & manage as required	T 2
14/01/08	287	D01	P	4 deck	New bulk store	Gasket	3	Very Low Risk	N/A	Asbestos containing gaskets to 2 No. cylindrical sections of ducting, which exit through wall.	Inspect periodically & manage as required	T 2
14/01/08	301	D01	Q	4 deck	Fw pump space	Cement	3	Very Low Risk	N/A	1st space has foam and MMMF lagged pipework. Fuse box to wall with asbestos warning sticker applied. Presume asbestos cement guards, or asbestos fuse tape within.	Inspect periodically & manage as required	T 2

SECTION TEN

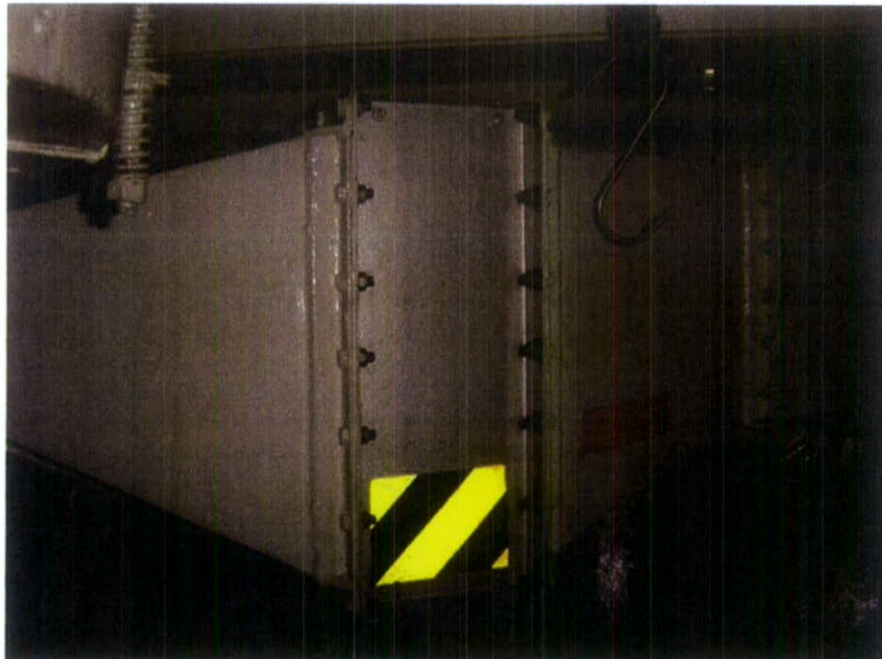
MATERIAL ASSESSMENT (PHOTO)

Case Chemicals

Material Assessment Record

Site Address:	HMS Cardiff, HM Naval Base, Portsmouth, Hampshire, PO1 3NJ	Client Name:	Fleet Support Limited
		Project Number:	3239c

Location Ref:	003	Survey Type:	T 2
Product:	Gasket	Product Type:	Gaskets
Area:	B	Damage:	Low damage: Scratches or marks
Floor:	2 deck	Treatment:	Composite asbestos materials
Room:	Bosuns store	Asbestos Type:	Chrysotile
Surveyor Name:		Identification:	Identified
Drawing Ref:	D01	Quantity:	To ducting
Asbestos ?	Yes	Accessibility:	Medium Accessibility
Date:	14 January 2008	Material Risk Score:	4
Next Inspection:	13 January 2009	Material Risk Band:	Very Low Risk
Analysis:	Dominant	Priority Risk Score:	N/A
Action:	Inspect periodically & manage as required		



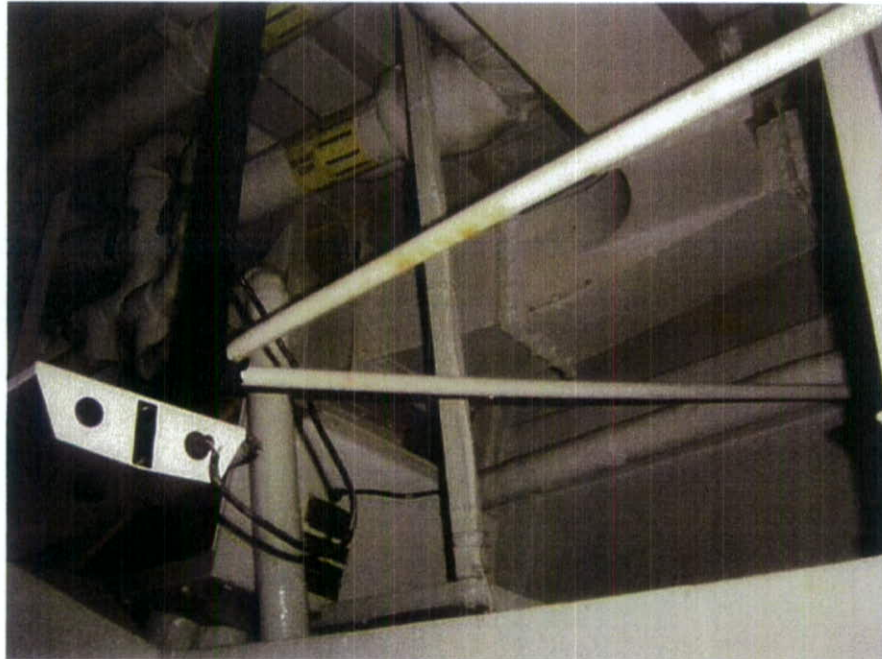
Material Comments:	Metal floor and walls, with textile and MMMF cover to sections, woven textile over foam and MMMF lagging to pipework. Asbestos containing gasket sampled from metal ducting to ceiling on port side.
--------------------	--

Case Chemicals

Material Assessment Record

Site Address:	HMS Cardiff, HM Naval Base, Portsmouth, Hampshire, PO1 3NJ	Client Name:	Fleet Support Limited
		Project Number:	3239c

Location Ref:	009	Survey Type:	T 2
Product:	Gasket	Product Type:	Gaskets
Area:	C	Damage:	Low damage
Floor:	2 deck	Treatment:	Composite asbestos materials
Room:	Laundry	Asbestos Type:	Chrysotile
Surveyor Name:		Identification:	Strongly Presumed as previous sample
Drawing Ref:	D01	Quantity:	To ducting
Asbestos ?	Yes	Accessibility:	Medium Accessibility
Date:	14 January 2008	Material Risk Score:	4
Next Inspection:	13 January 2009	Material Risk Band:	Very Low Risk
Analysis:	Dominant	Priority Risk Score:	N/A
Action:	Inspect periodically & manage as required		



Material Comments:	metal ducting present throughout room. Low level found to have rubber gaskets where accessed with high level ducting found to have asbestos containing gaskets, as Loc Ref: 003.
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Case Chemicals

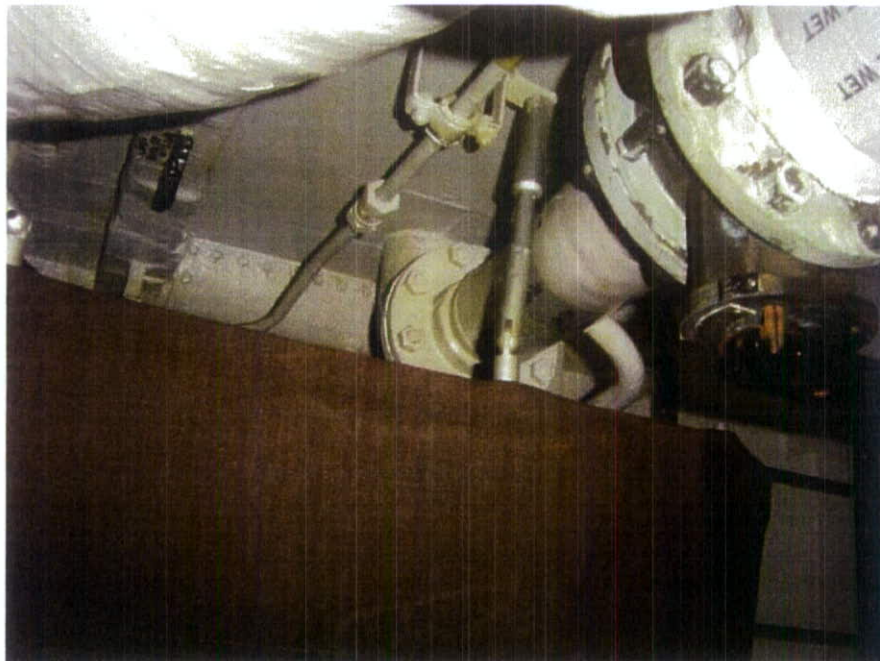
Material Assessment Record

Site Address: HMS Cardiff, HM Naval Base, Portsmouth, Hampshire, PO1 3NJ

Client Name: Fleet Support Limited

Project Number: 3239c

Location Ref:	010	Survey Type:	T 2
Product:	Gasket	Product Type:	Gaskets
Area:	C	Damage:	Good condition
Floor:	2 deck	Treatment:	Composite asbestos materials
Room:	Corridor	Asbestos Type:	Chrysotile
Surveyor Name:		Identification:	Identified
Drawing Ref:	D01	Quantity:	To pipework
Asbestos ?	Yes	Accessibility:	Medium Accessibility
Date:	14 January 2008	Material Risk Score:	3
Next Inspection:	13 January 2009	Material Risk Band:	Very Low Risk
Analysis:	Dominant	Priority Risk Score:	N/A
Action:	Inspect periodically & manage as required		



Material Comments:

Non asbestos lino to floor, metal walls, metal ceiling with metal panels, foam lagged pipework. Asbestos containing gasket sampled to pipe by door to section B. Suspect other gaskets remain hidden in this area

Case Chemicals

Material Assessment Record

Site Address: HMS Cardiff, HM Naval Base, Portsmouth, Hampshire, PO1 3NJ

Client Name: Fleet Support Limited

Project Number: 3239c

Location Ref:	013	Survey Type:	T 2
Product:	Gasket	Product Type:	Gaskets
Area:	C	Damage:	Good condition
Floor:	3 deck	Treatment:	Composite asbestos materials
Room:	Lobby	Asbestos Type:	Chrysotile
Surveyor Name:		Identification:	Identified
Drawing Ref:	D01	Quantity:	To pipework
Asbestos ?	Yes	Accessibility:	Medium Accessibility
Date:	14 January 2008	Material Risk Score:	3
Next Inspection:	13 January 2009	Material Risk Band:	Very Low Risk
Analysis:	Dominant	Priority Risk Score:	N/A
Action:	Inspect periodically & manage as required		



Material Comments:

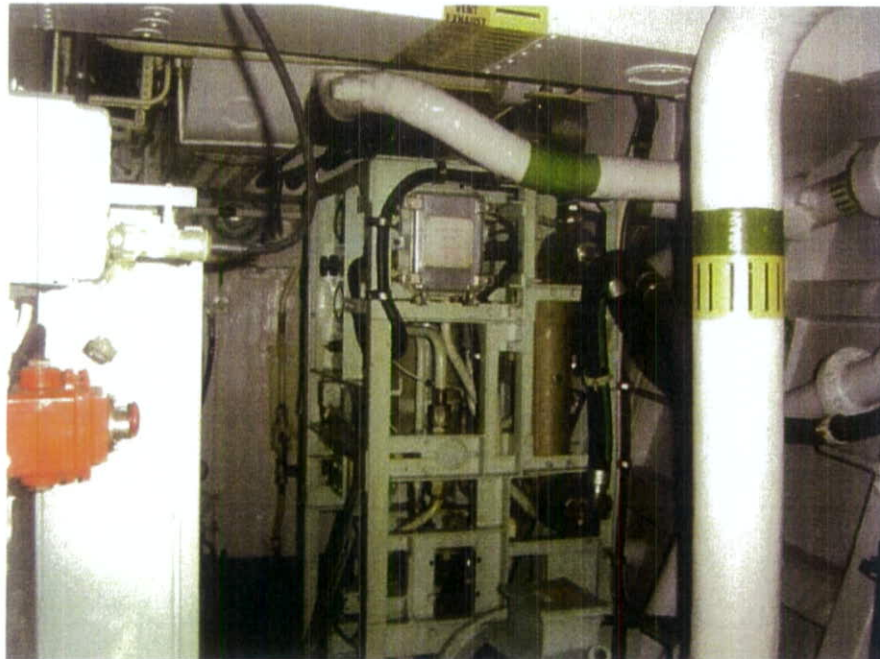
Metal floor, metal walls with MMMF cover, rubber gaskets to metal ducting. Asbestos containing gaskets to pipework. cork gaskets also observed to pipework in this area.

Case Chemicals

Material Assessment Record

Site Address:	HMS Cardiff, HM Naval Base, Portsmouth, Hampshire, PO1 3NJ	Client Name:	Fleet Support Limited
		Project Number:	3239c

Location Ref:	015	Survey Type:	T 2
Product:	Gasket	Product Type:	Gaskets
Area:	C	Damage:	Good condition
Floor:	3 deck	Treatment:	Composite asbestos materials
Room:	Hvdraulics compartment	Asbestos Type:	Chrysotile
Surveyor Name:		Identification:	Strongly Presumed as previous sample
Drawing Ref:	D01	Quantity:	To pipework
Asbestos ?	Yes	Accessibility:	Medium Accessibility
Date:	14 January 2008	Material Risk Score:	3
Next Inspection:	13 January 2009	Material Risk Band:	Very Low Risk
Analysis:	Dominant	Priority Risk Score:	N/A
Action:	Inspect periodically & manage as required		



Material Comments:

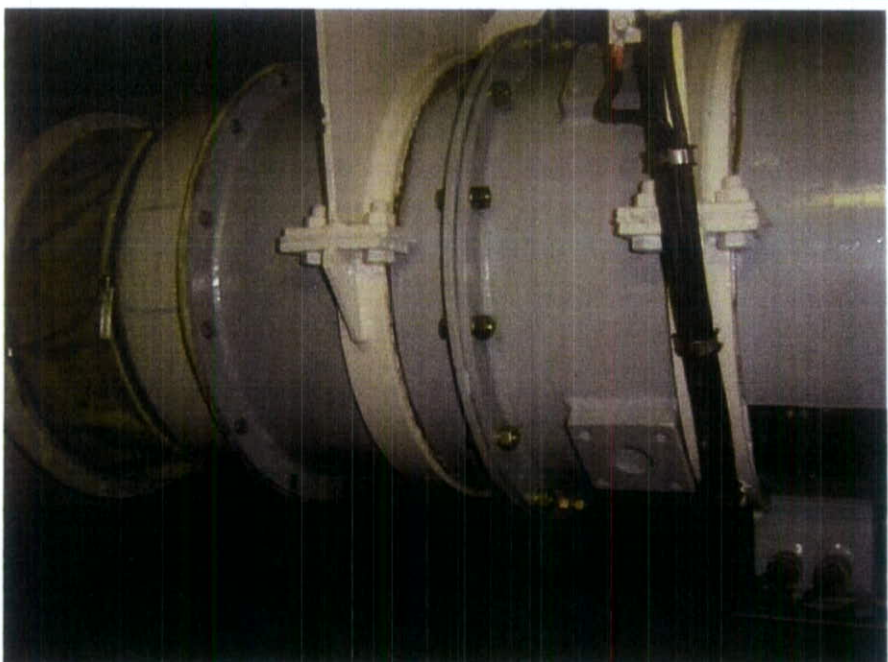
Metal floor and ceiling, textile and MMMF cover to walls, foam lagged pipework, metal ducting with cork insulation Suspect asbestos containing gaskets, as Loc Ref: 013, to pipework.

Case Chemicals

Material Assessment Record

Site Address: Client Name:
Project Number:

Location Ref:	<input type="text" value="054"/>	Survey Type:	<input type="text" value="T 2"/>
Product:	<input type="text" value="Gasket"/>	Product Type:	<input type="text" value="Gaskets"/>
Area:	<input type="text" value="G"/>	Damage:	<input type="text" value="Good condition"/>
Floor:	<input type="text" value="4 deck"/>	Treatment:	<input type="text" value="Composite asbestos materials"/>
Room:	<input type="text" value="909 power room"/>	Asbestos Type:	<input type="text" value="Chrysotile"/>
Surveyor Name:	<input type="text"/>	Identification:	<input type="text" value="Identified"/>
Drawing Ref:	<input type="text" value="D01"/>	Quantity:	<input type="text" value="To fan motor"/>
Asbestos ?	<input type="text" value="Yes"/>	Accessibility:	<input type="text" value="Medium Accessibility"/>
Date:	<input type="text" value="14 January 2008"/>	Material Risk Score: <input type="text" value="3"/>	
Next Inspection:	<input type="text" value="13 January 2009"/>	Material Risk Band: <input type="text" value="Very Low Risk"/>	
Analysis:	<input type="text" value="Dominant"/>	Priority Risk Score: <input type="text" value="N/A"/>	
Action:	<input type="text" value="Inspect periodically & manage as required"/>		



Material Comments:

Case Chemicals

Material Assessment Record

Site Address:	HMS Cardiff, HM Naval Base, Portsmouth, Hampshire, PO1 3NJ	Client Name:	Fleet Support Limited
		Project Number:	3239c

Location Ref:	078	Survey Type:	T 2
Product:	Woven textile	Product Type:	Ropes and woven textiles
Area:	G	Damage:	Low damage
Floor:	02 deck	Treatment:	Composite asbestos materials
Room:	909 office	Asbestos Type:	Chrysotile
Surveyor Name:		Identification:	Identified
Drawing Ref:	D01	Quantity:	14 No. sections
Asbestos ?	Yes	Accessibility:	Easy Accessibility
Date:	14 January 2008	Material Risk Score:	4
Next Inspection:	13 January 2009	Material Risk Band:	Very Low Risk
Analysis:	Dominant	Priority Risk Score:	N/A
Action:	Inspect periodically & manage as required		



Material Comments: Asbestos containing flexible conduits between numerous electrical/control cabinets and walls. Conduits present at high and low level. Warning labels applied to equipment.

Case Chemicals

Material Assessment Record

Site Address:	HMS Cardiff, HM Naval Base, Portsmouth, Hampshire, PO1 3NJ	Client Name:	Fleet Support Limited
		Project Number:	3239c

Location Ref:	079	Survey Type:	T 2
Product:	Woven textile	Product Type:	Ropes and woven textiles
Area:	H	Damage:	Low damage
Floor:	02 deck	Treatment:	Composite asbestos materials
Room:	909 annexe	Asbestos Type:	Chrysotile
Surveyor Name:		Identification:	Strongly Presumed as previous sample
Drawing Ref:	D01	Quantity:	3 No. sections
Asbestos ?	Yes	Accessibility:	Easy Accessibility
Date:	14 January 2008	Material Risk Score:	4
Next Inspection:	13 January 2009	Material Risk Band:	Very Low Risk
Analysis:	Dominant	Priority Risk Score:	N/A
Action:	Inspect periodically & manage as required		



Material Comments:

Asbestos containing flexible conduits, as Loc Ref: 078, between numerous electrical/control cabinets. Warning labels applied to equipment.

Case Chemicals

Material Assessment Record

Site Address: HMS Cardiff, HM Naval Base, Portsmouth, Hampshire, PO1 3NJ

Client Name: Fleet Support Limited

Project Number: 3239c

Location Ref:	116	Survey Type:	T 2
Product:	Fuse guard	Product Type:	Asbestos cement
Area:	H	Damage:	No visible damage
Floor:	3 deck	Treatment:	Asbestos cement sheets etc
Room:	Lobby	Asbestos Type:	Chrysotile
Surveyor Name:		Identification:	Strongly Presumed
Drawing Ref:	D01	Quantity:	To fuse boxes
Asbestos ?	Yes	Accessibility:	Difficult Accessibility
Date:	14 January 2008	Material Risk Score:	3
Next Inspection:	13 January 2009	Material Risk Band:	Very Low Risk
Analysis:	Presumed Significant	Priority Risk Score:	N/A
Action:	Inspect periodically & manage as required		



Material Comments: Fuse box with asbestos warning sticker affixed. Not opened but presume asbestos cement flash guards or asbestos fuse tape within. Presume same materials present within fuse boxes of same construction throughout ship

Case Chemicals

Material Assessment Record

Site Address: HMS Cardiff, HM Naval Base, Portsmouth, Hampshire, PO1 3NJ

Client Name: Fleet Support Limited

Project Number: 3239c

Location Ref:	138	Survey Type:	T 2
Product:	Gasket	Product Type:	Gaskets
Area:	J	Damage:	Low damage
Floor:	2 deck	Treatment:	Composite asbestos materials
Room:	Perimeter offices	Asbestos Type:	Chrysotile
Surveyor Name:		Identification:	Identified
Drawing Ref:	D01	Quantity:	To pipework
Asbestos ?	Yes	Accessibility:	Medium Accessibility
Date:	14 January 2008	Material Risk Score:	4
Next Inspection:	13 January 2009	Material Risk Band:	Very Low Risk
Analysis:	Dominant	Priority Risk Score:	N/A
Action:	Inspect periodically & manage as required		



Material Comments:

Asbestos containing gasket to unlagged metal pipework opposite server. Further gaskets may remain concealed to flanges

Case Chemicals

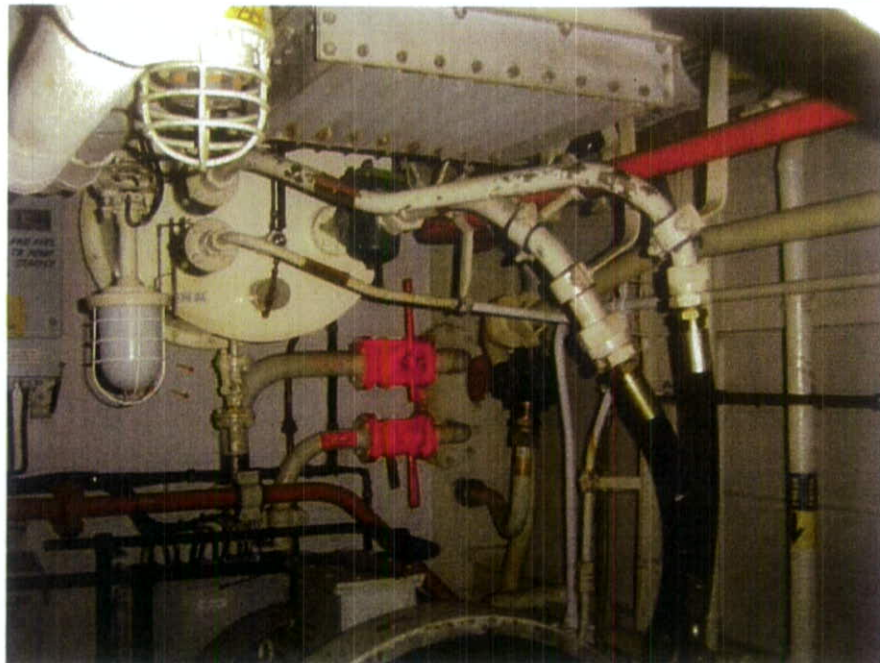
Material Assessment Record

Site Address: HMS Cardiff, HM Naval Base, Portsmouth, Hampshire, PO1 3NJ

Client Name: Fleet Support Limited

Project Number: 3239c

Location Ref:	146	Survey Type:	T 2
Product:	Gasket	Product Type:	Gaskets
Area:	K	Damage:	Good condition
Floor:	4 deck	Treatment:	Composite asbestos materials
Room:	Forward engine room	Asbestos Type:	Chrysotile
Surveyor Name:		Identification:	Identified
Drawing Ref:	D01	Quantity:	To pipework
Asbestos ?	Yes	Accessibility:	Medium Accessibility
Date:	14 January 2008	Material Risk Score:	3
Next Inspection:	13 January 2009	Material Risk Band:	Very Low Risk
Analysis:	Dominant	Priority Risk Score:	N/A
Action:	Inspect periodically & manage as required		



Material Comments:

Asbestos containing gasket to pipework. Suspect same gasket material used throughout room and mixed with cork rubber and plastic gaskets which were also observed.

Case Chemicals

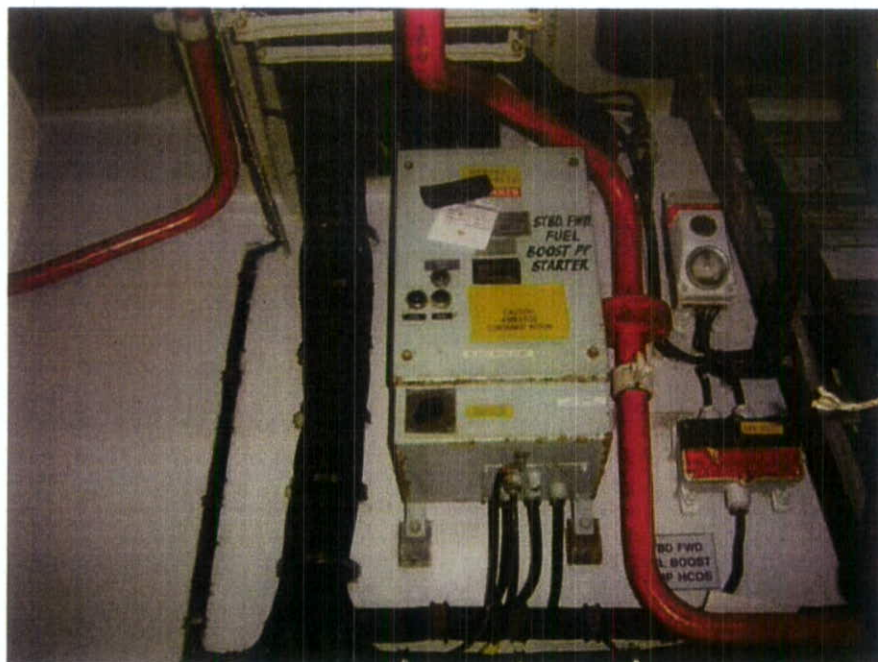
Material Assessment Record

Site Address: HMS Cardiff, HM Naval Base, Portsmouth, Hampshire, PO1 3NJ

Client Name: Fleet Support Limited

Project Number: 3239c

Location Ref:	150	Survey Type:	T 2
Product:	Cement	Product Type:	Asbestos cement
Area:	K	Damage:	No visible damage
Floor:	4 deck	Treatment:	Asbestos cement sheets etc
Room:	Forward engine room	Asbestos Type:	Chrysotile
Surveyor Name:		Identification:	Strongly Presumed
Drawing Ref:	D01	Quantity:	To fuse/control boxes
Asbestos ?	Yes	Accessibility:	Difficult Accessibility
Date:	14 January 2008	Material Risk Score:	3
Next Inspection:	13 January 2009	Material Risk Band:	Very Low Risk
Analysis:	Presumed Significant	Priority Risk Score:	N/A
Action:	Inspect periodically & manage as required		



Material Comments: 2 No. fuse/control boxes labelled as asbestos containing. Presume asbestos fuse tape or asbestos cement within. Presume same materials present within boxes of same construction throughout ship

Case Chemicals

Material Assessment Record

Site Address: HMS Cardiff, HM Naval Base, Portsmouth, Hampshire, PO1 3NJ

Client Name: Fleet Support Limited

Project Number: 3239c

Location Ref:	153	Survey Type:	T 2
Product:	Gasket	Product Type:	Gaskets
Area:	K	Damage:	Low damage
Floor:	4 deck	Treatment:	Composite asbestos materials
Room:	Forward engine room	Asbestos Type:	Chrysotile
Surveyor Name:		Identification:	Identified
Drawing Ref:	D01	Quantity:	1 No. observed.
Asbestos ?	Yes	Accessibility:	Easy Accessibility
Date:	14 January 2008	Material Risk Score:	4
Next Inspection:	13 January 2009	Material Risk Band:	Very Low Risk
Analysis:	Dominant	Priority Risk Score:	N/A
Action:	Remove identified ACM		



Material Comments:

Exposed asbestos containing gasket to top of 1 No. Olympus engine. Suspect gaskets of same material remain concealed to engines. Gaskets to ducts above engine found to be cork where accessible.

Case Chemicals

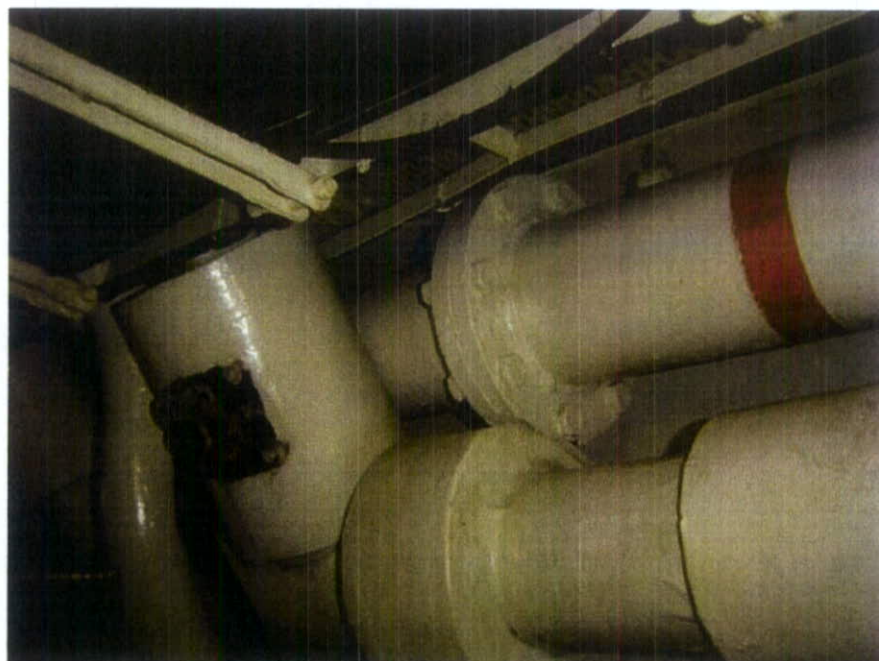
Material Assessment Record

Site Address: HMS Cardiff, HM Naval Base, Portsmouth, Hampshire, PO1 3NJ

Client Name: Fleet Support Limited

Project Number: 3239c

Location Ref:	169	Survey Type:	T 2
Product:	Gasket	Product Type:	Gaskets
Area:	L	Damage:	Good condition
Floor:	2 deck	Treatment:	Composite asbestos materials
Room:	Perimeter corridors	Asbestos Type:	Chrysotile
Surveyor Name:		Identification:	Identified
Drawing Ref:	D01	Quantity:	To pipework.
Asbestos ?	Yes	Accessibility:	Medium Accessibility
Date:	14 January 2008	Material Risk Score:	3
Next Inspection:	13 January 2009	Material Risk Band:	Very Low Risk
Analysis:	Dominant	Priority Risk Score:	N/A
Action:	Inspect periodically & manage as required		



Material Comments: Exposed asbestos containing gasket sampled from pipework on starboard side. Suspect further gaskets of same material remain concealed to pipework.

Case Chemicals

Material Assessment Record

Site Address: Client Name:

Project Number:

Location Ref:	<input type="text" value="178"/>	Survey Type:	<input type="text" value="T 2"/>
Product:	<input type="text" value="Woven textile"/>	Product Type:	<input type="text" value="Ropes and woven textiles"/>
Area:	<input type="text" value="L"/>	Damage:	<input type="text" value="Low damage"/>
Floor:	<input type="text" value="4 deck"/>	Treatment:	<input type="text" value="Composite asbestos materials"/>
Room:	<input type="text" value="After engine room"/>	Asbestos Type:	<input type="text" value="Chrysotile"/>
Surveyor Name:	<input type="text"/>	Identification:	<input type="text" value="Identified"/>
Drawing Ref:	<input type="text" value="D01"/>	Quantity:	<input type="text" value="4m approx. visible"/>
Asbestos ?	<input type="text" value="Yes"/>	Accessibility:	<input type="text" value="Medium Accessibility"/>
Date:	<input type="text" value="14 January 2008"/>	Material Risk Score: <input type="text" value="4"/> Material Risk Band: <input type="text" value="Very Low Risk"/> Priority Risk Score: <input type="text" value="N/A"/>	
Next Inspection:	<input type="text" value="13 January 2009"/>		
Analysis:	<input type="text" value="Dominant"/>		
Action:	<input type="text" value="Inspect periodically & manage as required"/>		



Material Comments:

Case Chemicals

Material Assessment Record

Site Address: HMS Cardiff, HM Naval Base, Portsmouth, Hampshire, PO1 3NJ

Client Name: Fleet Support Limited

Project Number: 3239c

Location Ref:	179	Survey Type:	T 2
Product:	Insulation	Product Type:	Thermal Insulation
Area:	L	Damage:	High damage: Visible debris
Floor:	4 deck	Treatment:	Unsealed laggings and sprays
Room:	After engine room	Asbestos Type:	Chrysotile
Surveyor Name:		Identification:	Identified
Drawing Ref:	D01	Quantity:	<1 sqm visible
Asbestos ?	Yes	Accessibility:	Medium Accessibility
Date:	14 January 2008	Material Risk Score:	10
Next Inspection:	13 February 2008	Material Risk Band:	High Risk
Analysis:	Dominant	Priority Risk Score:	N/A
Action:	Removed By Licenced Contractor		



Material Comments:

Asbestos containing insulation material adjacent to sample identified in Loc Ref: 178, on 2 No. engines, some minor debris observed. It is suspected that further instances of samples 178 & 179 are likely to be concealed within engines.

Case Chemicals

Material Assessment Record

Site Address:	HMS Cardiff, HM Naval Base, Portsmouth, Hampshire, PO1 3NJ	Client Name:	Fleet Support Limited
		Project Number:	3239c

Location Ref:	180	Survey Type:	T 2
Product:	Gasket	Product Type:	Gaskets
Area:	L	Damage:	Low damage
Floor:	4 deck	Treatment:	Composite asbestos materials
Room:	After engine room	Asbestos Type:	Chrysotile
Surveyor Name:		Identification:	Identified
Drawing Ref:	D01	Quantity:	To engines
Asbestos ?	Yes	Accessibility:	Easy Accessibility
Date:	14 January 2008	Material Risk Score:	4
Next Inspection:	13 January 2009	Material Risk Band:	Very Low Risk
Analysis:	Dominant	Priority Risk Score:	N/A
Action:	Inspect periodically & manage as required		



Material Comments:	Asbestos containing gasket exposed to side of 1 No. engine. Suspect same gasket material is concealed within both engines
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Case Chemicals

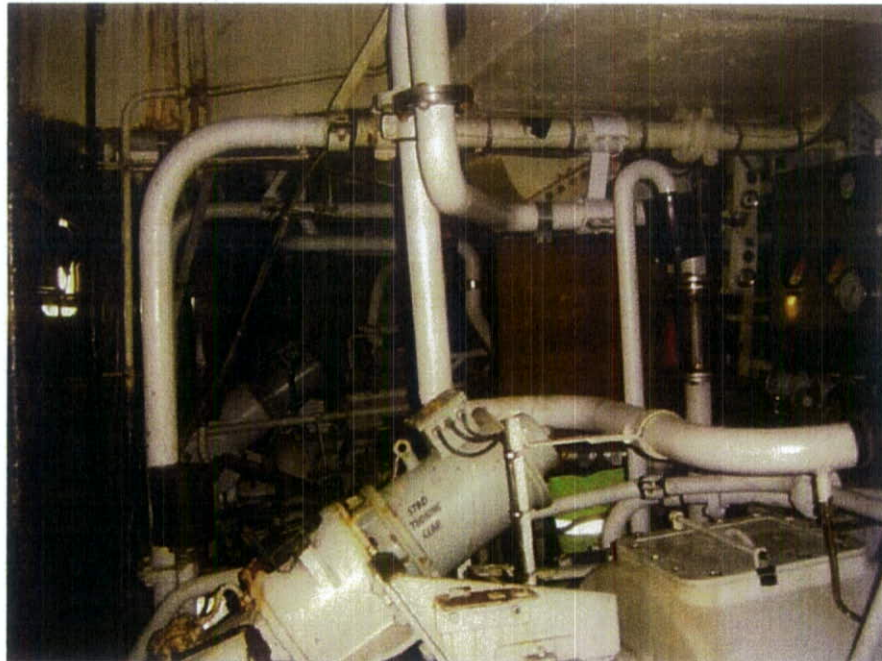
Material Assessment Record

Site Address: HMS Cardiff, HM Naval Base, Portsmouth, Hampshire, PO1 3NJ

Client Name: Fleet Support Limited

Project Number: 3239c

Location Ref:	181	Survey Type:	T 2
Product:	Gasket	Product Type:	Gaskets
Area:	L	Damage:	Low damage
Floor:	4 deck	Treatment:	Composite asbestos materials
Room:	After engine room	Asbestos Type:	Chrysotile
Surveyor Name:		Identification:	Identified
Drawing Ref:	D01	Quantity:	To pipework
Asbestos ?	Yes	Accessibility:	Medium Accessibility
Date:	14 January 2008	Material Risk Score:	4
Next Inspection:	13 January 2009	Material Risk Band:	Very Low Risk
Analysis:	Dominant	Priority Risk Score:	N/A
Action:	Inspect periodically & manage as required		



Material Comments:

Asbestos containing gasket material sampled from pipework. Due to the extent of pipework throughout this area it is likely that a mixture of gasket materials will be present to flanges

Case Chemicals

Material Assessment Record

Site Address: Client Name:
Project Number:

Location Ref:	<input type="text" value="201"/>	Survey Type:	<input type="text" value="T 2"/>
Product:	<input type="text" value="Cement"/>	Product Type:	<input type="text" value="Asbestos cement"/>
Area:	<input type="text" value="G"/>	Damage:	<input type="text" value="No visible damage"/>
Floor:	<input type="text" value="02 deck"/>	Treatment:	<input type="text" value="Asbestos cement sheets etc"/>
Room:	<input type="text" value="909 office"/>	Asbestos Type:	<input type="text" value="Chrysotile"/>
Surveyor Name:	<input type="text"/>	Identification:	<input type="text" value="Strongly Presumed as previous sample"/>
Drawing Ref:	<input type="text" value="D01"/>	Quantity:	<input type="text" value="To cabinet"/>
Asbestos ?	<input type="text" value="Yes"/>	Accessibility:	<input type="text" value="Medium Accessibility"/>
Date:	<input type="text" value="14 January 2008"/>	Material Risk Score:	<input type="text" value="3"/>
Next Inspection:	<input type="text" value="13 January 2009"/>	Material Risk Band:	<input type="text" value="Very Low Risk"/>
Analysis:	<input type="text" value="Dominant"/>	Priority Risk Score:	<input type="text" value="N/A"/>
Action:	<input type="text" value="Inspect periodically & manage as required"/>		



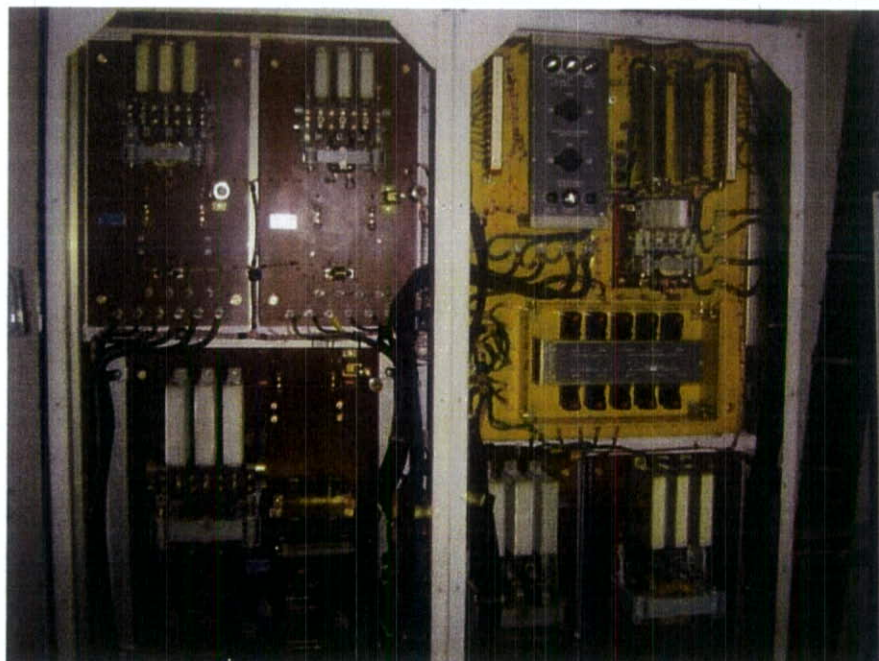
Material Comments:

Case Chemicals

Material Assessment Record

Site Address:	HMS Cardiff, HM Naval Base, Portsmouth, Hampshire, PO1 3NJ	Client Name:	Fleet Support Limited
		Project Number:	3239c

Location Ref:	227	Survey Type:	T 2
Product:	Cement	Product Type:	Asbestos cement
Area:	N	Damage:	Low damage
Floor:	3 deck	Treatment:	Asbestos cement sheets etc
Room:	909 power room	Asbestos Type:	Chrysotile
Surveyor Name:		Identification:	Identified
Drawing Ref:	D01	Quantity:	16 No. observed
Asbestos ?	Yes	Accessibility:	Easy Accessibility
Date:	14 January 2008	Material Risk Score:	4
Next Inspection:	13 January 2009	Material Risk Band:	Very Low Risk
Analysis:	Significant	Priority Risk Score:	N/A
Action:	Inspect periodically & manage as required		



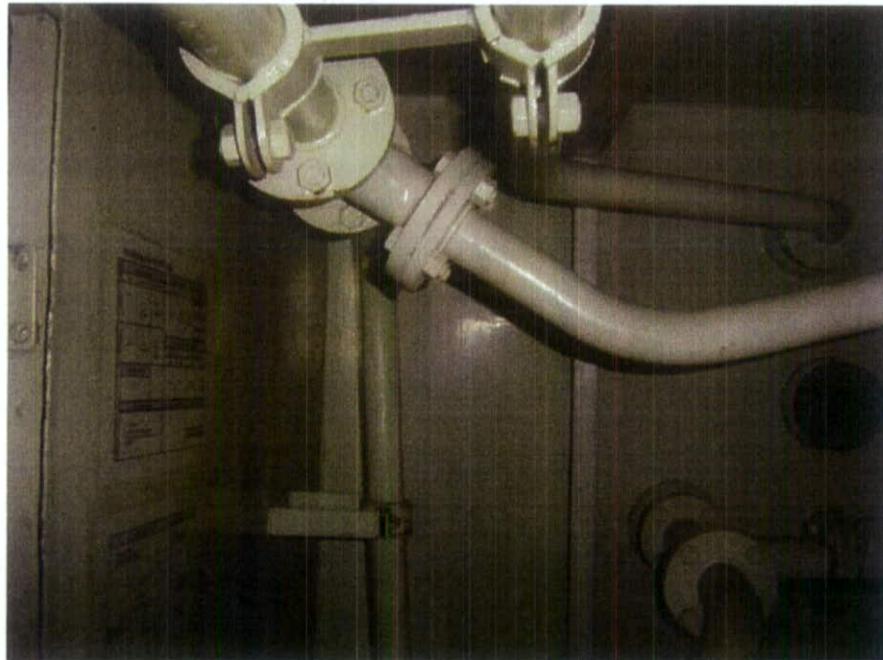
Material Comments:	Foam lagged pipes, MMMF cover to walls and ceiling. Asbestos cement relay shields observed within open control unit.
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Case Chemicals

Material Assessment Record

Site Address:	HMS Cardiff, HM Naval Base, Portsmouth, Hampshire, PO1 3NJ	Client Name:	Fleet Support Limited
		Project Number:	3239c

Location Ref:	231	Survey Type:	T 2
Product:	Gasket	Product Type:	Gaskets
Area:	N	Damage:	Good condition
Floor:	4 deck	Treatment:	Composite asbestos materials
Room:	Plummer block cmpt 1	Asbestos Type:	Chrysotile
Surveyor Name:		Identification:	Identified
Drawing Ref:	D01	Quantity:	To pipework
Asbestos ?	Yes	Accessibility:	Medium Accessibility
Date:	14 January 2008	Material Risk Score:	3
Next Inspection:	13 January 2009	Material Risk Band:	Very Low Risk
Analysis:	Dominant	Priority Risk Score:	N/A
Action:	Inspect periodically & manage as required		



Material Comments:	Asbestos containing gaskets applied to pipework.
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Case Chemicals

Material Assessment Record

Site Address: HMS Cardiff, HM Naval Base, Portsmouth, Hampshire, PO1 3NJ

Client Name: Fleet Support Limited

Project Number: 3239c

Location Ref:	239	Survey Type:	T 2
Product:	Gasket	Product Type:	Gaskets
Area:	N	Damage:	Good condition
Floor:	4 deck	Treatment:	Composite asbestos materials
Room:	Sewage treatment plant	Asbestos Type:	Chrysotile
Surveyor Name:		Identification:	Identified
Drawing Ref:	D01	Quantity:	To No. vessels.
Asbestos ?	Yes	Accessibility:	Medium Accessibility
Date:	14 January 2008	Material Risk Score:	3
Next Inspection:	13 January 2009	Material Risk Band:	Very Low Risk
Analysis:	Dominant	Priority Risk Score:	N/A
Action:	Inspect periodically & manage as required		



Material Comments: Asbestos containing gaskets to pressurised filter vessels located to opposite sides of room

Case Chemicals

Material Assessment Record

Site Address: HMS Cardiff, HM Naval Base, Portsmouth, Hampshire, PO1 3NJ

Client Name: Fleet Support Limited

Project Number: 3239c

Location Ref:	245	Survey Type:	T 2
Product:	Woven textile	Product Type:	Ropes and woven textiles
Area:	N	Damage:	Low damage
Floor:	01 deck	Treatment:	Composite asbestos materials
Room:	909 annexe	Asbestos Type:	Chrysotile
Surveyor Name:		Identification:	Identified
Drawing Ref:	D01	Quantity:	3 No. sections
Asbestos ?	Yes	Accessibility:	Easy Accessibility
Date:	14 January 2008	Material Risk Score:	4
Next Inspection:	13 January 2009	Material Risk Band:	Very Low Risk
Analysis:	Dominant	Priority Risk Score:	N/A
Action:	Inspect periodically & manage as required		



Material Comments:

Asbestos containing woven textile conduits between equipment in 3 No. locations along wall adjoining 909 office

Case Chemicals

Material Assessment Record

Site Address: HMS Cardiff, HM Naval Base, Portsmouth, Hampshire, PO1 3NJ

Client Name: Fleet Support Limited

Project Number: 3239c

Location Ref:	246	Survey Type:	T 2
Product:	Woven textile	Product Type:	Ropes and woven textiles
Area:	N	Damage:	Low damage
Floor:	01 deck	Treatment:	Composite asbestos materials
Room:	909 office	Asbestos Type:	Chrysotile
Surveyor Name:		Identification:	Strongly Presumed as previous sample
Drawing Ref:	D01	Quantity:	8 No. sections
Asbestos ?	Yes	Accessibility:	Easy Accessibility
Date:	14 January 2008	Material Risk Score:	4
Next Inspection:	13 January 2009	Material Risk Band:	Very Low Risk
Analysis:	Dominant	Priority Risk Score:	N/A
Action:	Inspect periodically & manage as required		



Material Comments: Asbestos containing woven textile conduits, as Loc Ref: 245, at high level between cabinets and to wall adjoining 909 annexe.

Case Chemicals

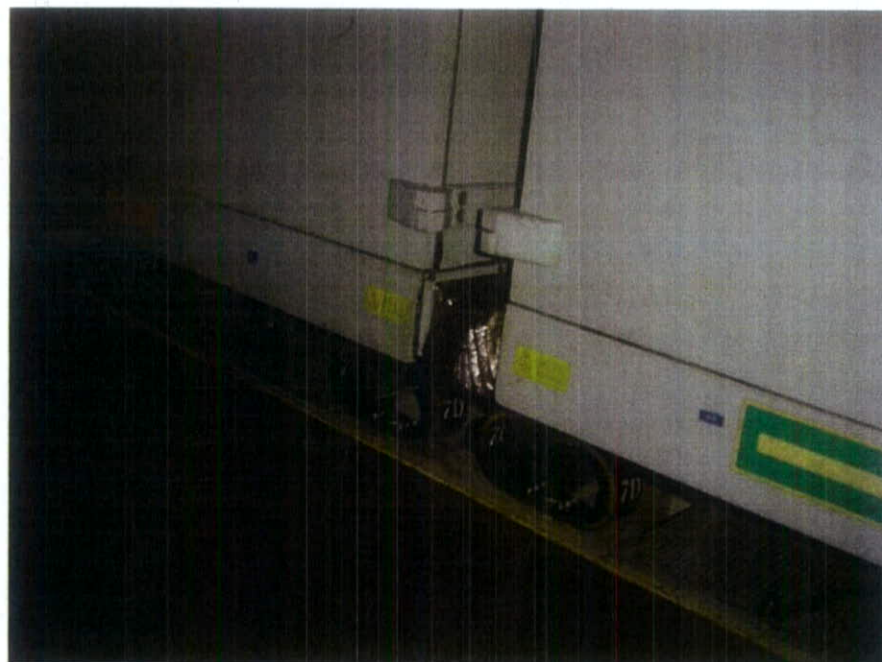
Material Assessment Record

Site Address: HMS Cardiff, HM Naval Base, Portsmouth, Hampshire, PO1 3NJ

Client Name: Fleet Support Limited

Project Number: 3239c

Location Ref:	247	Survey Type:	T 2
Product:	Woven textile	Product Type:	Ropes and woven textiles
Area:	N	Damage:	Low damage
Floor:	01 deck	Treatment:	Composite asbestos materials
Room:	909 office	Asbestos Type:	Chrysotile
Surveyor Name:	[REDACTED]	Identification:	Strongly Presumed as previous sample
Drawing Ref:	D01	Quantity:	8 No. sections
Asbestos ?	Yes	Accessibility:	Easy Accessibility
Date:	14 January 2008	Material Risk Score:	4
Next Inspection:	13 January 2009	Material Risk Band:	Very Low Risk
Analysis:	Dominant	Priority Risk Score:	N/A
Action:	Inspect periodically & manage as required		



Material Comments:

Asbestos containing woven textile conduits, as Loc Ref: 245, at low level between cabinets and to wall adjoining 909 annexe.

Case Chemicals

Material Assessment Record

Site Address: Client Name:

Project Number:

Location Ref:	<input type="text" value="248"/>	Survey Type:	<input type="text" value="T 2"/>						
Product:	<input type="text" value="Cement"/>	Product Type:	<input type="text" value="Asbestos cement"/>						
Area:	<input type="text" value="N"/>	Damage:	<input type="text" value="No visible damage"/>						
Floor:	<input type="text" value="01 deck"/>	Treatment:	<input type="text" value="Asbestos cement sheets etc"/>						
Room:	<input type="text" value="909 office"/>	Asbestos Type:	<input type="text" value="Chrysotile"/>						
Surveyor Name:	<input type="text"/>	Identification:	<input type="text" value="Strongly Presumed as previous sample"/>						
Drawing Ref:	<input type="text" value="D01"/>	Quantity:	<input type="text" value="To cabinet"/>						
Asbestos ?	<input type="text" value="Yes"/>	Accessibility:	<input type="text" value="Medium Accessibility"/>						
Date:	<input type="text" value="14 January 2008"/>	<table border="1"> <tr> <td>Material Risk Score</td> <td><input type="text" value="3"/></td> </tr> <tr> <td>Material Risk Band:</td> <td><input type="text" value="Very Low Risk"/></td> </tr> <tr> <td>Priority Risk Score:</td> <td><input type="text" value="N/A"/></td> </tr> </table>		Material Risk Score	<input type="text" value="3"/>	Material Risk Band:	<input type="text" value="Very Low Risk"/>	Priority Risk Score:	<input type="text" value="N/A"/>
Material Risk Score	<input type="text" value="3"/>								
Material Risk Band:	<input type="text" value="Very Low Risk"/>								
Priority Risk Score:	<input type="text" value="N/A"/>								
Next Inspection:	<input type="text" value="13 January 2009"/>								
Analysis:	<input type="text" value="Significant"/>								
Action:	<input type="text" value="Inspect periodically & manage as required"/>								



Material Comments:

Case Chemicals

Material Assessment Record

Site Address: HMS Cardiff, HM Naval Base, Portsmouth, Hampshire, PO1 3NJ

Client Name: Fleet Support Limited

Project Number: 3239c

Location Ref:	<input type="text" value="253"/>	Survey Type:	<input type="text" value="T 2"/>						
Product:	<input type="text" value="Gasket"/>	Product Type:	<input type="text" value="Gaskets"/>						
Area:	<input type="text" value="P"/>	Damage:	<input type="text" value="Low damage"/>						
Floor:	<input type="text" value="1 deck"/>	Treatment:	<input type="text" value="Composite asbestos materials"/>						
Room:	<input type="text" value="Hangar"/>	Asbestos Type:	<input type="text" value="Chrysotile"/>						
Surveyor Name:	<input type="text"/>	Identification:	<input type="text" value="Identified"/>						
Drawing Ref:	<input type="text" value="D01"/>	Quantity:	<input type="text" value="To pipework"/>						
Asbestos ?	<input type="text" value="Yes"/>	Accessibility:	<input type="text" value="Medium Accessibility"/>						
Date:	<input type="text" value="14 January 2008"/>	<table border="1"> <tr> <td>Material Risk Score</td> <td><input type="text" value="4"/></td> </tr> <tr> <td>Material Risk Band:</td> <td><input type="text" value="Very Low Risk"/></td> </tr> <tr> <td>Priority Risk Score:</td> <td><input type="text" value="N/A"/></td> </tr> </table>		Material Risk Score	<input type="text" value="4"/>	Material Risk Band:	<input type="text" value="Very Low Risk"/>	Priority Risk Score:	<input type="text" value="N/A"/>
Material Risk Score	<input type="text" value="4"/>								
Material Risk Band:	<input type="text" value="Very Low Risk"/>								
Priority Risk Score:	<input type="text" value="N/A"/>								
Next Inspection:	<input type="text" value="13 January 2009"/>								
Analysis:	<input type="text" value="Dominant"/>								
Action:	<input type="text" value="Inspect periodically & manage as required"/>								



Material Comments: Asbestos containing gasket sampled on brown painted pipework to fuel filter. Other accessed gaskets to this section of pipework were found to be cork.

Case Chemicals

Material Assessment Record

Site Address: Client Name:

Project Number:

Location Ref:	<input type="text" value="257"/>	Survey Type:	<input type="text" value="T 2"/>
Product:	<input type="text" value="Gasket"/>	Product Type:	<input type="text" value="Gaskets"/>
Area:	<input type="text" value="P"/>	Damage:	<input type="text" value="Good condition"/>
Floor:	<input type="text" value="1 deck"/>	Treatment:	<input type="text" value="Composite asbestos materials"/>
Room:	<input type="text" value="Air weapon & maint compt"/>	Asbestos Type:	<input type="text" value="Chrysotile"/>
Surveyor Name:	<input type="text"/>	Identification:	<input type="text" value="Identified"/>
Drawing Ref:	<input type="text" value="D01"/>	Quantity:	<input type="text" value="1 No. to door"/>
Asbestos ?	<input type="text" value="Yes"/>	Accessibility:	<input type="text" value="Easy Accessibility"/>
Date:	<input type="text" value="14 January 2008"/>	Material Risk Score: <input type="text" value="3"/> Material Risk Band: <input type="text" value="Very Low Risk"/> Priority Risk Score: <input type="text" value="N/A"/>	
Next Inspection:	<input type="text" value="13 January 2009"/>		
Analysis:	<input type="text" value="Dominant"/>		
Action:	<input type="text" value="Inspect periodically & manage as required"/>		



Material Comments:

Case Chemicals

Material Assessment Record

Site Address:	HMS Cardiff, HM Naval Base, Portsmouth, Hampshire, PO1 3NJ	Client Name:	Fleet Support Limited
		Project Number:	3239c

Location Ref:	258	Survey Type:	T 2
Product:	Gasket	Product Type:	Gaskets
Area:	P	Damage:	Low damage
Floor:	1 deck	Treatment:	Composite asbestos materials
Room:	Air weapon & maint compt	Asbestos Type:	Chrysotile
Surveyor Name:		Identification:	Strongly Presumed as previous sample
Drawing Ref:	D01	Quantity:	1 No.
Asbestos ?	Yes	Accessibility:	Easy Accessibility
Date:	14 January 2008	Material Risk Score:	4
Next Inspection:	13 January 2009	Material Risk Band:	Very Low Risk
Analysis:	Dominant	Priority Risk Score:	N/A
Action:	Inspect periodically & manage as required		



Material Comments:	Asbestos containing gasket, as Loc Ref: 257, to door bolt on door leading to Air weapon magazine.
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Case Chemicals

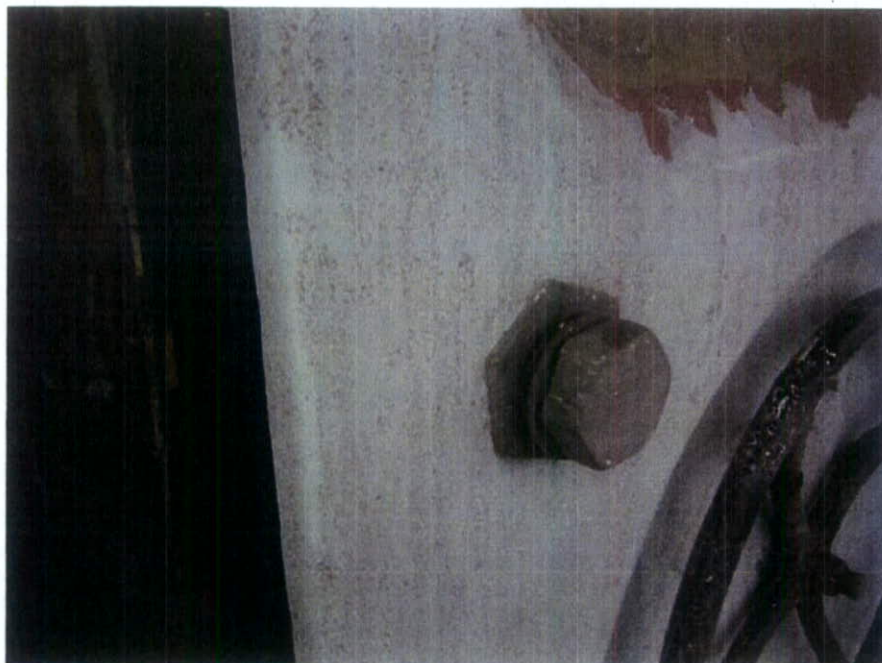
Material Assessment Record

Site Address: HMS Cardiff, HM Naval Base, Portsmouth, Hampshire, PO1 3NJ

Client Name: Fleet Support Limited

Project Number: 3239c

Location Ref:	261	Survey Type:	T 2
Product:	Gasket	Product Type:	Gaskets
Area:	P	Damage:	Low damage
Floor:	1 deck	Treatment:	Composite asbestos materials
Room:	Torpedo stowage cmpt	Asbestos Type:	Chrysotile
Surveyor Name:		Identification:	Strongly Presumed as previous sample
Drawing Ref:	D01	Quantity:	1 No.
Asbestos ?	Yes	Accessibility:	Easy Accessibility
Date:	14 January 2008	Material Risk Score:	4
Next Inspection:	13 January 2009	Material Risk Band:	Very Low Risk
Analysis:	Dominant	Priority Risk Score:	N/A
Action:	Inspect periodically & manage as required		



Material Comments:

Asbestos containing gasket, as Loc Ref: 257, to bolt on door from external deck.

Case Chemicals

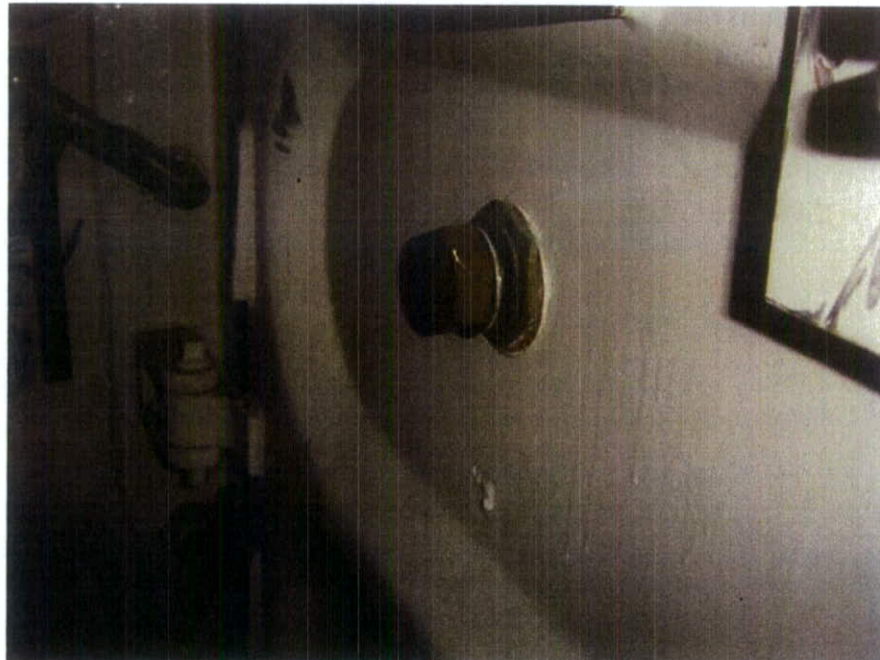
Material Assessment Record

Site Address: HMS Cardiff, HM Naval Base, Portsmouth, Hampshire, PO1 3NJ

Client Name: Fleet Support Limited

Project Number: 3239c

Location Ref:	279	Survey Type:	T 2
Product:	Gasket	Product Type:	Gaskets
Area:	P	Damage:	Good condition
Floor:	4 deck	Treatment:	Composite asbestos materials
Room:	Lobby	Asbestos Type:	Chrysotile
Surveyor Name:		Identification:	Strongly Presumed as previous sample
Drawing Ref:	D01	Quantity:	2 No.
Asbestos ?	Yes	Accessibility:	Easy Accessibility
Date:	14 January 2008	Material Risk Score:	3
Next Inspection:	13 January 2009	Material Risk Band:	Very Low Risk
Analysis:	Dominant	Priority Risk Score:	N/A
Action:	Inspect periodically & manage as required		



Material Comments:

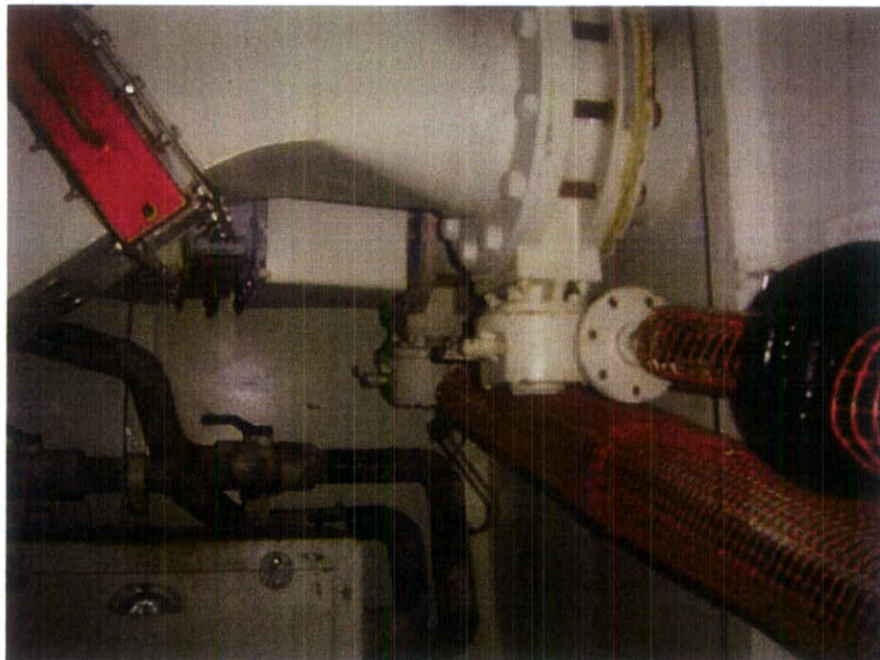
Asbestos containing gaskets, as 257, to door bolts on doors leading to New C/WS Mag and ECWC store. Foam lagged pipework present.

Case Chemicals

Material Assessment Record

Site Address:	HMS Cardiff, HM Naval Base, Portsmouth, Hampshire, PO1 3NJ	Client Name:	Fleet Support Limited
		Project Number:	3239c

Location Ref:	287	Survey Type:	T 2
Product:	Gasket	Product Type:	Gaskets
Area:	P	Damage:	Good condition
Floor:	4 deck	Treatment:	Composite asbestos materials
Room:	New bulk store	Asbestos Type:	Chrysotile
Surveyor Name:		Identification:	Identified
Drawing Ref:	D01	Quantity:	To pipework
Asbestos ?	Yes	Accessibility:	Medium Accessibility
Date:	14 January 2008	Material Risk Score:	3
Next Inspection:	13 January 2009	Material Risk Band:	Very Low Risk
Analysis:	Dominant	Priority Risk Score:	N/A
Action:	Inspect periodically & manage as required		



Material Comments:	Asbestos containing gaskets to 2 No. cylindrical sections of ducting, which exit through wall.
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Case Chemicals

Material Assessment Record

Site Address: Client Name:

Project Number:

Location Ref:	<input type="text" value="301"/>	Survey Type:	<input type="text" value="T 2"/>						
Product:	<input type="text" value="Cement"/>	Product Type:	<input type="text" value="Asbestos cement"/>						
Area:	<input type="text" value="Q"/>	Damage:	<input type="text" value="No visible damage"/>						
Floor:	<input type="text" value="4 deck"/>	Treatment:	<input type="text" value="Asbestos cement sheets etc"/>						
Room:	<input type="text" value="Fw pump space"/>	Asbestos Type:	<input type="text" value="Chrysotile"/>						
Surveyor Name:	<input type="text"/>	Identification:	<input type="text" value="Strongly Presumed"/>						
Drawing Ref:	<input type="text" value="D01"/>	Quantity:	<input type="text" value="To box"/>						
Asbestos ?	<input type="text" value="Yes"/>	Accessibility:	<input type="text" value="Difficult Accessibility"/>						
Date:	<input type="text" value="14 January 2008"/>	<table border="1"> <tr> <td>Material Risk Score</td> <td><input type="text" value="3"/></td> </tr> <tr> <td>Material Risk Band:</td> <td><input type="text" value="Very Low Risk"/></td> </tr> <tr> <td>Priority Risk Score:</td> <td><input type="text" value="N/A"/></td> </tr> </table>		Material Risk Score	<input type="text" value="3"/>	Material Risk Band:	<input type="text" value="Very Low Risk"/>	Priority Risk Score:	<input type="text" value="N/A"/>
Material Risk Score	<input type="text" value="3"/>								
Material Risk Band:	<input type="text" value="Very Low Risk"/>								
Priority Risk Score:	<input type="text" value="N/A"/>								
Next Inspection:	<input type="text" value="13 January 2009"/>								
Analysis:	<input type="text" value="Presumed Significant"/>								
Action:	<input type="text" value="Inspect periodically & manage as required"/>								



Material Comments:

Case Chemicals

Material Assessment Record

Site Address:	HMS Cardiff, HM Naval Base, Portsmouth, Hampshire, PO1 3NJ	Client Name:	Fleet Support Limited
		Project Number:	3239c

Location Ref:	335	Survey Type:	T 2
Product:	Gasket	Product Type:	Gaskets
Area:	N	Damage:	Low damage
Floor:	1 deck	Treatment:	Composite asbestos materials
Room:	Btry chrg room	Asbestos Type:	Chrysotile
Surveyor Name:		Identification:	Strongly Presumed as previous sample
Drawing Ref:	D01	Quantity:	1 No.
Asbestos ?	Yes	Accessibility:	Easy Accessibility
Date:	14 January 2008	Material Risk Score:	4
Next Inspection:	13 January 2009	Material Risk Band:	Very Low Risk
Analysis:	Dominant	Priority Risk Score:	N/A
Action:	Inspect periodically & manage as required		



Material Comments:

Unable to gain access as internal door seized shut. Asbestos containing gasket, as Loc Ref: 257, to bolt on outside of door

Case Chemicals

Material Assessment Record

Site Address: HMS Cardiff, HM Naval Base, Portsmouth, Hampshire, PO1 3NJ

Client Name: Fleet Support Limited

Project Number: 3239c

Location Ref:	336	Survey Type:	T 2
Product:	Debris	Product Type:	Loose asbestos
Area:	External	Damage:	High damage: Visible debris
Floor:	02 deck	Treatment:	Enclosed sprays and lagging
Room:	Area behind V/UHF office	Asbestos Type:	Chrysotile
Surveyor Name:		Identification:	Identified
Drawing Ref:	D01	Quantity:	1 No.
Asbestos ?	Yes	Accessibility:	Easy Accessibility
Date:	14 January 2008	Material Risk Score:	8
Next Inspection:	13 April 2008	Material Risk Band:	Medium Risk
Analysis:	Dominant	Priority Risk Score:	N/A
Action:	Limit access prior to environmental clean		



Material Comments:

Isolated section of asbestos containing debris to pipework with non asbestos insulation. The debris to this pipework was of unknown origin.