

# Hazardous Materials - TfL Engineering

## Re-inspection Sign-Off for Warren Street Station

Re-inspection Reference: N101-4RS-200406 \*(LCS Station code -4RS-YYMMDD)

Date of last re-inspection: 6th April 2020

Original Management Report Reference: R370083

Re-inspection Completed by 4RS: [REDACTED]

[REDACTED] Date: 06/04/2020

Re-inspection Reviewed by 4RS: [REDACTED]

[REDACTED] Date: 09/04/2020

Reviewed by HM TfL Senior Engineer/ Engineer : [REDACTED]

Vanraj Chauhan Date: 25/06/2020

Approved by HM TfL Senior Engineering Leader: [REDACTED]

Paul Hewitt Date: 02/07/2020

Station	Warren Street
Original Management Survey	R370083
Date of Original Management	31st January 2013
Re-inspection Reference	N101-4RS-200406
Next Planned Re-inspection	Periodical re-inspection according to HM Management Plan

ACM photographs referenced below are available from the Hazardous Materials Team - hazardousmaterials@tfl.gov.uk

Room Description	Room #	Asbestos?	Sample Type	Material Type	Material Use	Quantity/ Amount	ACM Photograph Reference / Comment	Risk Assessment	Management Option	Last inspection	Previous inspections	Comments
Switch Room	1/662	Yes	Presumed Chrysotile	Possible asbestos containing materials	Within combination switch box to wall 2	1 No.	photo DSC04449	Medium	Reinspect	6th April 2020	19th January 2017 31st January 2016	Contact HM if planned work impacts this ACM
UMC Access	2/151	Yes	Strongly Presumed Chrysotile	Asbestos cloth	Cable sleeve	90m	photo DSC04451	Low	Reinspect	6th April 2020		12th May 2014 15th January 2013
UMC Access	2/151	Yes	Strongly Presumed Chrysotile	Asbestos cloth	Cable sleeve	90m	photo DSC04451	Low	Reinspect	6th April 2020	Contact HM if planned work impacts this ACM	
UMC Access	2/151	Yes	Strongly Presumed Chrysotile	Asbestos cloth	Cable sleeve	90m	photo DSC04452	Low	Reinspect	6th April 2020	Contact HM if planned work impacts this ACM	
UMC Access	2/151	Yes	Strongly Presumed Chrysotile	Asbestos cloth	Cable sleeve	80m	photo DSC04454	Low	Reinspect	6th April 2020	Contact HM if planned work impacts this ACM	
UMC Access	2/151	Yes	Strongly Presumed Chrysotile	Asbestos cloth	Cable sleeve	80m	photo DSC04453	Low	Reinspect	6th April 2020	Contact HM if planned work impacts this ACM	
UMC Access	2/151	Yes	Chrysotile	Asbestos gasket	Between flanges	1m <sup>2</sup>	photo DSC04456	Low	Reinspect	6th April 2020	Contact HM if planned work impacts this ACM	
UMC Access	2/151	Yes	Strongly Presumed Chrysotile	Brake pads	In lift equipment	1m <sup>2</sup>	photo DSC04457	Low	Reinspect	6th April 2020	Contact HM if planned work impacts this ACM	
UMC Access	2/151	Yes	Presumed Chrysotile	Possible ACMs within switchgear	Switchgear	1 No.	photo DSC04458	Medium	Reinspect	6th April 2020	Contact HM if planned work impacts this ACM	
ESC Shaft	2/171	Yes	Strongly Presumed Chrysotile	Woven cable sheath	Right hand side adjacent to escalator shaft	90m	photo DSC04460	Low	Reinspect	6th April 2020	Contact HM if planned work impacts this ACM	
CER	2/746	Yes	Presumed Chrysotile	Possible ACMs within switchgear	Switchgear	2 No.	photo DSC04461	Medium	Reinspect	6th April 2020	Contact HM if planned work impacts this ACM	
UMC Access	3/151	Yes	Strongly Presumed Chrysotile	Asbestos cloth	Cable sleeve	3m	photo DSC04466	Low	Reinspect	6th April 2020	Contact HM if planned work impacts this ACM	
UMC Access	3/151	Yes	Strongly Presumed Chrysotile	Asbestos cloth	Cable sleeve	4 No. x 15m	photo DSC04467	Low	Reinspect	6th April 2020	Contact HM if planned work impacts this ACM	
UMC Access	3/151	Yes	Strongly Presumed Chrysotile	Asbestos cloth	Cable sleeve	2 No. x 25m	photo DSC04468	Low	Reinspect	6th April 2020	Contact HM if planned work impacts this ACM	
UMC Access	3/151	Yes	Strongly Presumed Chrysotile	Brake pads	Within lift machinery	1m <sup>2</sup>	photo DSC04469	Low	Reinspect	6th April 2020	Contact HM if planned work impacts this ACM	
UMC Access	3/152	Yes	Strongly Presumed Amosite	Asbestos insulation board	Wall infill panel	1m <sup>2</sup>	photo DSC04470	Low	Reinspect	6th April 2020	Contact HM if planned work impacts this ACM	
LMC	3/161	Yes	Strongly Presumed Chrysotile	Asbestos cloth	Cable sleeve	21m	No access during 2020 reinspection - hatch wedged shut, no access from 2/151	Low	Information only	19th January 2017	Contact HM if planned work impacts this ACM	
LMC	3/161	Yes	Strongly Presumed Chrysotile	Asbestos cloth	Cable sleeve	5m	No access during 2020 reinspection - hatch wedged shut, no access from 2/151	Low	Information only	19th January 2017	Contact HM if planned work impacts this ACM	
Passage	3/202	Yes	Amosite	Caulking	To tunnel rings	Through out	No access to reinspect in 2020 as above fixed ceiling	Medium	Information only	19th January 2017	Contact HM if planned work impacts this ACM	
Passage	3/203	Yes	Amosite	Caulking	To tunnel rings	Through out	photo DSC04462	Medium	Information only	6th April 2020	Contact HM if planned work impacts this ACM	
Station Control Room (previously listed as 3/281)	3/282	Yes	Chrysotile	Asbestos Cellactite		10m <sup>2</sup>	photo DSC04465	Low	Information only	6th April 2020	Contact HM if planned work impacts this ACM	
CER	3/731	Yes	Presumed Chrysotile	Possible ACMs within switchgear	Switch gear	3m	Removed - photo DSC04471 - not present during 2020 re inspection		Removed	6th April 2020		
Office	3/751	Yes	Chrysotile	Asbestos Cellactite	Within cupboard	3m <sup>2</sup>	photo DSC04474	Low	Reinspect	6th April 2020	Contact HM if planned work impacts this ACM	
Pump Room	3/776	Yes	Presumed Chrysotile	Possible ACMs within switchgear	On wall	1 No.	Removed - photo DSC04475 - not present during 2020 re inspections		Removed	6th April 2020		
Pump Room	3/776	Yes	Strongly Presumed Chrysotile	Asbestos cloth	Cable sleeve	100m	photo DSC04476	Low	Reinspect	6th April 2020	Contact HM if planned work impacts this ACM	
Cable Duct	3/786	Yes	Strongly Presumed Chrysotile	Asbestos cloth, woven cable sheath	Cable within service duct	2 No. x 25m 3 No. x 15m	No Access in 2020 re-inspection survey Confined Space	Low	Reinspect	19th January 2017	Contact HM if planned work impacts this ACM	
Access to LMC	4/161	Yes	Strongly Presumed Chrysotile	Woven cable	To walls	3 x 15	photo DSC04477	Low	Reinspect	6th April 2020	Contact HM if planned work impacts this ACM	

Platform 1	5/261	Yes	Chrysotile	Asbestos cloth	Cable sleeve within invert	20m	No Access in 2020 re-inspection survey Confined Space	Medium	Information only	19th January 2017	Contact HM if planned work impacts this ACM
Platform 1	5/261	Yes	Presumed Chrysotile	Asbestos cloth	Cable sleeve within invert	20m	No Access in 2020 re-inspection survey Confined Space	Medium	Information only	19th January 2017	Contact HM if planned work impacts this ACM
Platform 1	5/261	Yes	Chrysotile	Asbestos cloth	Cable sleeve	4m	No Access in 2020 re-inspection survey Confined Space	Medium	Information only	19th January 2017	Contact HM if planned work impacts this ACM
Platform 1	5/261	Yes	Chrysotile	Asbestos cloth	Cable sleeve - trackside	2m	No Access in 2020 re-inspection survey Confined Space	Medium	Information only	19th January 2017	Contact HM if planned work impacts this ACM
Platform 2	5/262	Yes	Chrysotile	Asbestos cloth	Cable sleeve	2m	No Access in 2020 re-inspection survey Confined Space	Medium	Information only	19th January 2017	Contact HM if planned work impacts this ACM
Platform 2	5/262	Yes	Chrysotile	Asbestos cloth	Cable sleeve	4m	No Access in 2020 re-inspection survey Confined Space	Medium	Information only	19th January 2017	Contact HM if planned work impacts this ACM
Relay Room	5/711	Yes	Chrysotile	Asbestos cloth	Cable sleeve	4m	photo DSC04492, photo DSC04493	Low	Reinspect	6th April 2020	Contact HM if planned work impacts this ACM
Relay Room	5/712	Yes	Chrysotile	Asbestos cloth		2m	photo DSC04494	Low	Reinspect	6th April 2020	Contact HM if planned work impacts this ACM
Relay Room	5/713	Yes	Chrysotile	Asbestos cloth	Cable sleeve	2m	photo DSC04491	Low	Reinspect	6th April 2020	Contact HM if planned work impacts this ACM
LMC Access	6/161	Yes	Strongly Presumed Chrysotile	Asbestos cloth	Cable sleeve	70m	Lift and escalator ticket required, No 2020 re-inspection	Low	Reinspect	19th January 2017	Contact HM if planned work impacts this ACM
LMC Access	6/161	Yes	Strongly Presumed Chrysotile	Asbestos cloth	Cable sleeve	40m <sup>2</sup>	Lift and escalator ticket required, No 2020 re-inspection	Low	Reinspect	19th January 2017	Contact HM if planned work impacts this ACM
Passage	6/208	Yes	Amosite	Caulking	To tunnel rings	Through out	photo DSC04482	Medium	Information only	6th April 2020	Contact HM if planned work impacts this ACM
Passage	6/208	Yes	Amosite	Caulking	To tunnel rings 4479	Through out	Information only No access to reinspect as above fixed ceiling	Medium	Information only	19th January 2017	Contact HM if planned work impacts this ACM
Platform 3	6/261	Yes	Chrysotile	Asbestos Cellactite		4478 3m <sup>2</sup>	Information only Not accessible during 2017 reinspection - may have been sealed within ceiling void.	Low	Information only	19th January 2017	Contact HM if planned work impacts this ACM
Platform 4	6/262	Yes	Chrysotile	Asbestos cloth	Cable sleeve trackside	90m <sup>2</sup>	No 2020 re-inspection, Confined Space invert DSC04483	Low	Information only	19th January 2017	Contact HM if planned work impacts this ACM
Platform 4	6/262	Yes	Chrysotile	Asbestos cloth	Cable sleeve trackside	190m <sup>2</sup>	No 2020 re-inspection, Confined Space invert DSC04483	Low	Information only	19th January 2017	Contact HM if planned work impacts this ACM
Platform 4	6/262	Yes	Chrysotile	Asbestos Cellactite	On track	2m <sup>2</sup>	No 2020 reinspection, Cable Shaft invert DSC04483	Low	Information only	19th January 2017	Contact HM if planned work impacts this ACM
Platform 4	6/262	Yes	Chrysotile	Asbestos cloth	Cable sleeve trackside	90m	No 2020 re-inspection, Confined Space invert DSC04483	Low	Information only	19th January 2017	Contact HM if planned work impacts this ACM
Platform 4	6/262	Yes	Amosite	Asbestos cloth	Cable sleeve trackside	90m	No 2020 re-inspection, Confined Space invert DSC04483	Low	Information only	19th January 2017	Contact HM if planned work impacts this ACM
Lobby (previously 6/236)	6/301	Yes	Chrysotile	Asbestos Cellactite	Within ceiling void	10m <sup>2</sup>	photo DSC04489	Low	Reinspect	6th April 2020	Contact HM if planned work impacts this ACM
Store	6/406	Yes	Chrysotile	Asbestos Cellactite	Ceiling	40m <sup>2</sup>	Information only - No access in 2020 reinspection above fixed ceiling. Presume Cellactite still present photo DSC04486	Low	Information only	19th January 2017	Contact HM if planned work impacts this ACM
Store	6/407	Yes	Chrysotile	Asbestos Cellactite	Ceiling	5m <sup>2</sup>	Information only - No access above fixed ceiling No access in 2020 reinspection. Presume Cellactite still present photo DSC04485	Low	Information only	19th January 2017	Contact HM if planned work impacts this ACM

Switch Room	6/663	Yes	Chrysotile	Asbestos Cellactite	Within ceiling void	8m <sup>2</sup>	Information only - New fixed ceiling prevents access in 2020 reinspection. Presume Cellactite still present photo DSC04490	Low	Information only	19th January 2017	Contact HM if planned work impacts this ACM
Relay Room	6/711	Yes	Strongly Presumed Chrysotile	Asbestos cloth	Cable sleeve	20m	photo DSC04484	Low	Reinspect	6th April 2020	Contact HM if planned work impacts this ACM
Relay Room	6/712	Yes	Strongly Presumed Chrysotile	Asbestos cloth	Cable sleeve	30m	photo DSC04487	Low	Reinspect	6th April 2020	Contact HM if planned work impacts this ACM
Relay Room	6/713	Yes	Strongly Presumed Chrysotile	Asbestos cloth	Cable sleeve	20m	photo DSC04481	Low	Reinspect	6th April 2020	Contact HM if planned work impacts this ACM
Relay Room	6/714	Yes	Strongly Presumed Chrysotile	Asbestos cloth	Cable sleeve	200	photo DSC04480	Low	Reinspect	6th April 2020	Contact HM if planned work impacts this ACM
CER	6/731	Yes	Strongly Presumed Chrysotile	Asbestos cloth	Cable sleeve	2m <sup>2</sup>	photo DSC04488	Low	Reinspect	6th April 2020	Contact HM if planned work impacts this ACM
Cable Duct	6/786	Yes	Strongly Presumed Chrysotile	Asbestos cloth	Cable sleeve, within service duct	30m	No survey in 2020 reinspection, Confined Space invert	Low	Reinspect	19th January 2017	Contact HM if planned work impacts this ACM
Cable Duct	6/787	Yes	Strongly Presumed Chrysotile	Asbestos cloth	Cable sleeve, within service duct	20m	No survey in 2020 reinspection, Confined Space invert	Low	Reinspect	19th January 2017	Contact HM if planned work impacts this ACM

Risk Assessment		
Risk	Value	Action
High	18 or Higher	Manage ACM and carry out planned remedial action to reduce the risk score, typically within 6 months or less, to below risk score 18 in accordance with the asbestos management policy
Medium	12 to 17 or higher	Manage as high risk but remedial action can be deferred until maintenance regimes change or demolition or major refurbishment is planned.
Low	11 or less	Manage and consider removal if the item falls within a demolition, major refurbishment or maintenance regimes change and works are likely to disturb the material

**SEE SURVEY BELOW FOR FURTHER INFORMATION**