

Hazardous Materials - TfL Engineering

Re-inspection Sign-Off for Kings Cross 15S 17S - 19S Escalators and Associated Rooms Metropolitan Line

Re-inspection Reference: N123-4RS-201106 **(LCS Station code -4RS-YYMMDD)*

Date of last re-inspection: 30th October 2020

Original Management Report Reference: R381301

Re-inspection Completed by 4RS: 
 Date: 30/10/2020

Re-inspection Reviewed by 4RS: 
 Date: 16/11/2020

Reviewed by HM TfL Engineer / Senior Engineer: 
Rosa Martins Date: 22/01/2021

Approved by HM TfL Senior Engineering Leader: 
Paul Hewitt Date: 10/03/2021

Station	Kings Cross Plans 15S, 17S - 19S Escalators & Associated Rooms
Original Management Survey reference number	R381306
Date of original management survey report	1st September 2013
Re-inspection reference	N123-4RS-201030
Next planned re-inspection	Nov-22

ACM photographs referenced below are available upon request from the Hazardous Materials Team - [redacted]@fl.gov.uk

A material risk assessment cannot be given for suspect ACMs which are not visible at the time of the survey, such as within signal & electrical boxes, under new pipe insulation, or in an inaccessible location such as high levels on platforms. Because they are inaccessible during a survey, they would normally be considered low risk during the normal maintenance of the asset, the risk of disturbance would be considered low. Should the suspected ACM be liable to be disturbed during maintenance of any other activity, a competent person should assess, potentially sample, and record a material risk assessment of any presumed ACMs

Room Description	Room #	Asbestos ?	Sample Type	Material Type	Material Use	Quantity/ Amount	ACM Photograph Reference / Comment	Risk Assessment	Management Option	Last inspection	Previous inspection	Comments
LMC access 1, 2 & 3	6/161	Yes	Strongly Presumed Chrysotile	Braided cable	Running from in high level in j hanger 4 to wall 2, along wall 1 & into wall 4	1x30ml	Photo DSC08884	Low	Reinspect	30th October 2020	1st September 2013 5th October 2016	Contact HM if planned work impacts on this ACM
LMC access 1, 2 & 3	6/161			Materials within combination fuse switches	To wall 1	2 No.	Removed - not present reinspection 2020		Removed	30th October 2020	1st September 2013	Removed
LMC ESC 7,8,9	4/161	Yes	Chrysotile	Mastic	To flange for air condition metal ductwork	Through out	Photo DSC08883	Low	Reinspect	30th October 2020	1st September 2013	Contact HM if planned work impacts on this ACM
LMC ESC 7,8,9	4/161	Yes	Strongly Presumed Chrysotile	Braided cable - encapsulated	Running from wall 4 & 1 into crawl duct 4/786	2 No.	Photo DSC08882	Low	Reinspect	30th October 2020	1st September 2013	Contact HM if planned work impacts on this ACM
LMC ESC 7,8,9	4/161	Yes	Strongly Presumed Chrysotile	Braided cables - encapsulated	Running from incline on wall 2 & into crawl duct 4/787	5 No.	Photo DSC08881	Low	Reinspect	30th October 2020	1st September 2013	Contact HM if planned work impacts on this ACM
LMC ESC 7,8,9	4/161	Yes	Chrysotile	Cement cable ducts	To floor by escalator 7	3 No.	Photo DSC08880	Low	Reinspect	30th October 2020	1st September 2013	Contact HM if planned work impacts on this ACM
LMC ESC 7,8,9	4/161	Yes	Strongly Presumed Chrysotile	Materials within pump fuse	To wall 1 by 4/787	1 No.	Photo DSC08879	Medium	Reinspect	30th October 2020	1st September 2013	Contact HM if planned work impacts on this ACM
LMC ESC 7,8,9	4/161	Yes	Chrysotile	Cement cable duct	To wall by 4/786	1 No.	Photo DSC08878	Low	Reinspect	30th October 2020	1st September 2013	Contact HM if planned work impacts on this ACM
LMC ESC 7,8,9	4/161	Yes	Strongly Presumed Chrysotile	Materials within small Westinghouse	To walls 4 by cat ladder	1 No.	Photo DSC08877	Medium	Reinspect	30th October 2020	1st September 2013	Contact HM if planned work impacts on this ACM
LMC ESC 7,8,9	4/161	Yes	Chrysotile	Braided cable - encapsulated	Running from incline to wall 4 & up into lmc access lobby	3 No.	Photo DSC08876	Low	Reinspect	30th October 2020	1st September 2013	Contact HM if planned work impacts on this ACM
LMC Service Room	4/786	Yes	Chrysotile	Cement cable ducts	To wall 1 (1/4 down the tunnel)	6 No.	Photo DSC08911	Low	Reinspect	30th October 2020	1st September 2013	Contact HM if planned work impacts on this ACM
LMC Service Room	4/786	Yes	Strongly Presumed Chrysotile	Braided cable	Running from 4/161 into j hanger 2 & along wall 2	2 No.	Photo DSC08912	Low	Reinspect	30th October 2020	1st September 2013	Contact HM if planned work impacts on this ACM
LMC Service Room	4/786	Yes	Strongly Presumed Chrysotile	Mastic	To flange to air condition metal ductwork	Through out	Photo DSC08913	Low	Reinspect	30th October 2020	1st September 2013	Contact HM if planned work impacts on this ACM
LMC Service Room	4/786	Yes	Strongly Presumed Chrysotile	Cement cable ducts	To walls 1 1/2 way down from LMC	10 No.	Photos DSC08915 & DSC08916	Low	Reinspect	30th October 2020	1st September 2013	Contact HM if planned work impacts on this ACM
LMC Service Room	4/786	Yes	Strongly Presumed Chrysotile	Cement cable ducts	To wall 3 1/2 way down from LMC	10 No.	Photos DSC08920	Low	Reinspect	30th October 2020	1st September 2013	Contact HM if planned work impacts on this ACM
LMC Service Room	4/786	Yes	Strongly Presumed Chrysotile	Cement cable ducts	To wall 1 1/2 way down from LMC	10 No.	Photo DSC08919	Low	Reinspect	30th October 2020	1st September 2013	Contact HM if planned work impacts on this ACM
LMC Service Room	4/786	Yes	Strongly Presumed Chrysotile	Cement cable ducts	To wall 3 1/2 way down from LMC	10 No.	Photo DSC08921	Low	Reinspect	30th October 2020	1st September 2013	Contact HM if planned work impacts on this ACM
LMC Service Room	4/786	Yes	Strongly Presumed Chrysotile	Braided cable - unencapsulated	Running from invert from LMC onto wall 3	1 No.	Photo DSC08922	Low	Reinspect	30th October 2020	1st September 2013	Contact HM if planned work impacts on this ACM
LMC Service Room	4/786	Yes	Strongly Presumed Chrysotile	Braided cable - unencapsulated	Running from invert into j hanger to wall 3	10 No.	Photo DSC08923	Low	Reinspect	30th October 2020	1st September 2013	Contact HM if planned work impacts on this ACM
LMC Service Room	4/787	Yes	Strongly Presumed Chrysotile	Cement cable duct	To wall 1 (1/4 down from LMC)	10 No.	Photo DSC08925	Low	Reinspect	30th October 2020	1st September 2013	Contact HM if planned work impacts on this ACM
LMC Service Room	4/787	Yes	Strongly Presumed Chrysotile	Cement cable duct	To wall 3 (1/4 down from LMC)	10 No.	Photo DSC08924	Low	Reinspect	30th October 2020	1st September 2013	Contact HM if planned work impacts on this ACM
LMC Service Room	4/787	Yes	Strongly Presumed Chrysotile	Braided cable - unencapsulated	To wall (running from LMC into j hanger)	5 No.	Photo DSC08926	Low	Reinspect	30th October 2020	1st September 2013	Contact HM if planned work impacts on this ACM
LMC Service Room	4/787			Note:			No access beyond this - limited space/ obstruction					

LMC Access 7,8, 9	4/161	Yes	Known Chrysotile	Cellactite	To wall and ceiling - edges require encapsulation	4m ²	Photo DSC08875	Low	Reinspect	30th October 2020	1st September 2013	Contact HM if planned work impacts on this ACM
LMC Access 7,8, 9	4/161	Yes	Strongly Presumed Chrysotile	Braided cables	Running from LMC to wall 2 and in to ceiling/wall 3	3 No.	Photo DSC08874	Low	Reinspect	30th October 2020	1st September 2013	Contact HM if planned work impacts on this ACM
LMC Access 7,8, 9	4/161	Yes	Chrysotile & Amosite	Insulation board panel/firebreak	To corner of walls 4 and 1 within wall cavity	<1m ²	Photo DSC08873	Medium	Reinspect	30th October 2020	1st September 2013	Contact HM if planned work impacts on this ACM
Escalators 789 Incline	2/171	Yes	Strongly Presumed Chrysotile	Encapsulated braided cables	Running from UMC in to J hanger to wall 1 and down to LMC	2 No.	Photo DSC08872	Low	Reinspect	30th October 2020	1st September 2013	Contact HM if planned work impacts on this ACM
Escalators 789 Incline	2/171	Yes	Strongly Presumed Chrysotile	Encapsulated braided cables	Running from UMC in to J hanger to wall 1 and down to LMC	5 No.	Photo DSC08871	Low	Reinspect	30th October 2020	1st September 2013	Contact HM if planned work impacts on this ACM
UMC escalators 7, 8, 9	2/151	Yes	Strongly Presumed Chrysotile	Braided cables - some unencapsulated	Running from corner of walls 1 and 2, in to J hanger(esc 9) and down to incline	3 No.	Photo DSC08870	Low	Reinspect	30th October 2020	1st September 2013	Contact HM if planned work impacts on this ACM
UMC escalators 7, 8, 9	2/151	Yes	Strongly Presumed Chrysotile	Braided cables - encapsulated	Running from corner of walls 1 and 2 in to J hanger (esc 7) and down to incline	5 No.	Photos DSC08868 & DSC08869	Low	Reinspect	30th October 2020	1st September 2013	Contact HM if planned work impacts on this ACM
UMC escalators 7, 8, 9	2/151	Yes	Strongly Presumed Chrysotile	Braided cable - unencapsulated	Running from corner of walls 1 and 2 in to J hanger (esc 9) and in to insulator 7	1 No.	Photo DSC08867	Low	Reinspect	30th October 2020	1st September 2013	Contact HM if planned work impacts on this ACM
UMC escalators 7, 8, 9	2/151	Yes	Chrysotile	Mastic (gaiter non asbestos)	To large A/C metal ductwork to wall 3 by stairs and vent	Through out	Photo DSC08866	Low	Reinspect	30th October 2020	1st September 2013	Contact HM if planned work impacts on this ACM
UMC escalators 7, 8, 9	2/151	Yes	Strongly Presumed Chrysotile	Braided cable - encapsulated	Running from corner of walls 1 and 2 in J hanger and along wall 2 in to UMC 4, 5, 6	8 No.	Photos DSC08864&DSC08865	Low	Reinspect	30th October 2020	1st September 2013	Contact HM if planned work impacts on this ACM
UMC escalators 7, 8, 9	2/151	Yes	Strongly Presumed Chrysotile	Materials within combination fuse switch	By switchboard 7/esc 9	1 No.	Photo DSC08863	Medium	Reinspect	30th October 2020	1st September 2013	Contact HM if planned work impacts on this ACM
UMC escalators 7, 8, 9	2/151	Yes	Strongly Presumed Chrysotile	Materials within combination fuse switch box	By wall 2, by pump15 and 16 control box	1 No.	Photo DSC08862	Medium	Reinspect	30th October 2020	1st September 2013	Contact HM if planned work impacts on this ACM
UMC escalators 7, 8, 9	2/151	Yes	Chrysotile	Cement cable ducts	To wall 1 adjacent	16 No.	Photo DSC08861	Low	Reinspect	30th October 2020	1st September 2013	Contact HM if planned work impacts on this ACM
UMC escalators 7, 8, 9	2/151	Yes	Chrysotile	Cement cable ducts	Encapsulated to wall 1	16 No.	Photo DSC08860	Low	Reinspect	30th October 2020	1st September 2013	Contact HM if planned work impacts on this ACM
UMC - Escalators 7, 8, 9	2/151	Yes	Chrysotile	Rope gasket	To flanges of tunnel cooling fan by wall 4	Through out	Photo DSC08859	Low	Reinspect	30th October 2020	1st September 2013	Contact HM if planned work impacts on this ACM
UMC - Escalators 7, 8, 9	2/151			NOTE			Limited access to high level ceiling by tunnel cooling fan					
UMC - Escalators 4, 5, 6	2/151	Yes	Strongly Presumed Chrysotile	Braided cables (some encapsulated)	Running from corner walls of 7, 8, 9 in to UMC 4, 5, 6 within J hanger to wall 2 and to 10 core boxes to wall 3	4 No.	Photo DSC08858	Low	Reinspect	30th October 2020	1st September 2013	Contact HM if planned work impacts on this ACM
UMC - Escalators 4, 5, 6	2/151	Yes	Chrysotile	Mastic	To flanges of AC ductwork to floor and walls	Through out	Photo DSC08857	Low	Reinspect	30th October 2020	1st September 2013	Contact HM if planned work impacts on this ACM
UMC - Escalators 4, 5, 6	2/151	Yes	Chrysotile	Cement cable ducts	To wall 3 seated on render	16 No.	Photo DSC08856	Low	Reinspect	30th October 2020	1st September 2013	Contact HM if planned work impacts on this ACM
Cable shaft	5/786			Gasket to redundant flange	To floor	1 No.	Removed -not present reinspection 2020		Removed	30th October 2020	1st September 2013	Removed
Cable shaft	5/786	Yes	Strongly Presumed Chrysotile	Woven cable	At high level, across ceiling from wall 1 to 3	1 No.	Photo DSC08886	Low	Reinspect	30th October 2020	1st September 2013	Contact HM if planned work impacts on this ACM
Cable shaft	5/787			Loose gaskets	On top of invert pump south	2 No.	Removed - not present reinspection 2020		Removed	30th October 2020	1st September 2013	Removed
Cable shaft	5/787	Yes	Strongly Presumed Chrysotile	Woven cable	Running across room from wall 1 to 3	1 No.	Photo DSC08885	Low	Reinspect	30th October 2020	1st September 2013	Contact HM if planned work impacts on this ACM

Cable shaft	5/787			* Note		Possible asbestos gaskets to flanges in pipe work- not visible			
Incline Esc 1, 2, 3 (passenger)	5/171			Note. Limited access within false ceiling		Not possible to survey all area as survey and panels not possible to take down			
Incline Esc 4, 5, 6 (passenger)	2/172			Note. Limited access within false ceiling		Not possible to survey all area as survey and panels not possible to take down			
Incline Esc 7, 8, 9 (passenger)	2/171			Note. Limited access within false ceiling		Not possible to survey all area as survey and panels not possible to take down			

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