

SO No	679104316	Engineer Names	[Redacted]
Station	London Bridge	Date	20-11-18
Esc No	ESC 13	Start Time	[Redacted]
Equip no	10260363	Finish Time	[Redacted]

**KONE MODULAR MAINTENANCE Y** ASM Checked **Y** Left in service **Y**

SO No	Station	Esc No	Equip no	Y Basic Inspection XD	Sign In - Permit - Complete PICER - Consult with customer to establish any asset defects	Green	Monitor Amber	Warning Red	Measurement/Comment
8				Y Basic Inspection XD	Sign In - Permit - Complete PICER - Consult with customer to establish any asset defects				
8.1				Lower end	Check the condition of the floor plates, for debris and tripping hazards				
8.2				Lower end	Check handrail inlet and brushes for debris.				
8.3				Lower end	Check condition of the comb segments				
8.4				Lower end	Audible check for undue mechanical noise/defects				
8.5				Ride Comfort	Ride escalator lower end to top & perform the following checks				
8.6				Ride Comfort	Check the handrail for drive & correct tension				
8.7				Ride Comfort	Check the ride comfort				
8.8				Ride Comfort	Audible check for undue mechanical noise/defects				
8.9				Balustrade and Decking	Check the lighting (where applicable)				
8.10				Balustrade and Decking	Check condition of newel assembly bottom				
8.11				Balustrade and Decking	Check condition of balustrade panels				
8.12				Balustrade and Decking	Check the step to skirt clearances				
8.13				Balustrade and Decking	Check condition of the skirt brushes				
8.14				Balustrade and Decking	Check the safety signage and indication lights (if applicable)				
8.15				Balustrade and Decking	Check condition of newel assembly top				
8.16				Upper End	Check condition of the comb segments				
8.17				Upper End	Check handrail inlet and brushes for debris.				
8.18				Upper End	Check for screws debris in the lower landing area				
8.19				Upper End	Check the condition of the floor plates.				
8.20				Upper End	Audible check for undue mechanical noise/defects				
8.21				UMR	Check dust trays and floors for excess oil/mechanical components				
8.22				UMR	Audible check for undue mechanical noise/defects				
8.23				UMR	Audible check for undue mechanical noise/defects				
8.24				LMR	Check drive assembly gearbox oil level, brake lift, undue noise.				
8.25				LMR	Check dust trays and floors for excess oil/mechanical components				
8.26				LMR	Audible check for undue mechanical noise/defects				
8.27				LMR	Check chain rollers LHS				
8.28				LMR	Check chain rollers RHS				
8.28					Return record sheet to site log				
Record any defects for rectification, urgent defects contact Duty Supervisor.									

Engineer's comments / Parts used

# KONE MODULAR MAINTENANCE S2



Station	LOB	Esc No: 13	Date: 16-11-18
Equipment no:	10260363	Engineer's names	[REDACTED]
Service order	678411305	ASM checked	[REDACTED]
Start time			
Finish time			
Left in service	Yes		

No	Module	Task	Open	Monitor Locker	Warning Red	Measurement/Comment
9	B Basic Module XD	Sign In - Permit - Complete PICER - Consult with customer to establish any asset defects				
9.1	Preparation	Install Safety Barriers at both ends of escalator starting at the entry end				
9.2	Lower end	Check function of emergency stop				
9.3	Lower end	Check handrail inlet and brushes for condition, debris and function of inlet switches				
9.4	Lower end	Check the condition of the floor plates for tripping hazards/debris				
9.5	Lower end	Check condition of the comb segments				
9.6	Lower end	Check comb segment to step clearance				
9.7	Lower end	Check external condition of the handrails				
9.8	Lower end	Check the function of the lower machine chamber safety stop				
9.9	Lower end	Check the function and position of the broken step chain/carriage switch				
9.10	Lower end	Check the step chain tension				
9.11	Lower end	Clean the lower dust tray/machine chamber floor				
9.12	Lower end	Inspect Guarding, Maintenance Stairway and lighting				
9.13	Lower end	Audible check for undue mechanical noise/defects				
9.14	Ride Comfort	Ride escalator & perform the following checks				
9.15	Ride Comfort	Check the handrail for correct tension				
9.16	Ride Comfort	Check the ride comfort				
	Ride Comfort	Check the lighting				
9.19	Balustrade and Decking	Stop the escalator and perform the following checks				
9.20	Balustrade and Decking	Check condition of inner decks and skirt				
9.21	Balustrade and Decking	Check condition of balustrade and joints				
9.22	Balustrade and Decking	Check the step to skirt clearances				
9.23	Balustrade and Decking	Check the step/pallet clearance (randomly)				
9.24	Balustrade and Decking	Check condition of the skirt brushes				
9.25	Balustrade and Decking	Check the safety signage and indication lights (if applicable)				
9.26	Upper End	Check function of emergency stop				
9.27	Upper End	Check handrail inlet and brushes for condition debris and function of inlet switches				
9.28	Upper End	Check the condition of the floor plates for tripping hazards/debris				
9.29	Upper End	Check condition of the comb segments				
9.30	Upper End	Check comb segment to step clearance				
9.31	Upper End	Check external condition of the handrails				
9.32	UMR	Check controller cabinet (visual Electrical Inspection) and fault codes				
9.33	UMR	Vacuum controller, check fans and replace or clean filters				
9.34	UMR	Clean the upper dust tray/machine chamber floor				
9.35	UMR	Inspect Guarding, Maintenance Stairway and lighting				
9.36	UMR	Audible check for undue mechanical noise/defects				
9.37	UMR	Check the automatic oilers and lubrication brushes				
9.38	UMR	Check Auxiliary Brake Power Pack & Pipework for Leaks & Top Up If Req'd.				
9.39	UMR	Inspect Guarding, Maintenance Stairway and lighting				
9.40	UMR	Check Gear Oil Level				
9.41	UMR	Grease Gearbox Wormshaft Oil Seals				
9.42	UMR	Ensure Correct Articulation of OP Brake Linkages & Lift and Wear Switches				
9.43	UMR	Check Stepchain Rollers & Change as Req'd				
9.44	Upper End	Run the machine in reverse for 10 minutes				
11	R Brake Module XD	Return to public use				
	Operational Brake	Check the condition of the brake lining				
11.3	Operational Brake	Ensure Correct Articulation of OP Brake Linkages & Lift and Wear Switches				
11.4	Operational Brake	Check Function of the Operational Brake only & Record Light Slip				Approx 760 mm
11.5	Auxiliary Brake	Check Auxiliary Brake Power Pack & Pipework for Leaks & Top Up as required				
11.6	Auxiliary Brake	Replace Auxiliary Brake Power Pack Solenoids annually (2 OFF)				
11.7	Auxiliary Brake	Check brake lift switch function and airgap				Approx 1940 mm
11.8	Auxiliary Brake	Check Function of the Auxiliary Brake only & Record Light Slip				
13	V Drive Module XD					
13.1	Drive unit	Check the drive unit for quiet operation				
13.2	Drive unit	Check the drive unit for oil leaks and levels				
13.3	Drive unit	Check the function of the motor stop switch				
13.4	Drive unit	Clean the gearbox, motor and bedplate				
13.5	Drive unit	Clean Gearbox Breather				
13.6	Drive unit	Lubricate all bearings of the drive unit				
13.7	Drive unit	Check the junction box of the motor and terminations				
13.8	Drive unit	Clean Motor Ventilation Grills				
13.9	Drive unit	Check Coupling Buffer condition				
13.10	Drive unit	Inspect & Report on Crown Wheel Condition				
13.11	Drive unit	Check the drive can be hand wound (where applicable)				
13.12	Drive unit	Underlake a gearbox oil sample (if required)				
13.13	Drive unit	Check main drive chain and sprockets including condition, tension & lubrication				
13.14	Drive unit	Check the handrail countershaft chain and sprockets including condition, tension & lubrication				
13.15	Drive unit	Check the handrail drive chain and sprockets including condition, tension & lubrication				
15	H Handrail Module XD					
15.1	Handrails	Check the condition of the handrails and joints for delamination and fatigue				
15.2	Handrails	Check the handrail tension & drive				
15.3	Handrail Drive	Check the handrail speed is the same as the step band speed				
15.4	Handrail Drive	Check the handrail drive chains and sprockets for tension, condition and lubrication				
15.5	Handrail Return Rollers	Check the handrail return rollers for condition and free running				
15.6	Handrail Tension Rollers	Check the tension rollers and bows for condition and free running of rollers				
15.7	Handrail speed sensor	Check the assembly for condition and free running of all rollers				
15.8	Broken handrail monitor	Check the broken handrail monitor				

Comments

Parts used  
2x C Comb  
1x B Comb

SO No	678411264	Engineer Names	[Redacted]
Station	London Bridge	Date	15-11-18
Esc No	ESC 13	Start Time	
Equip no	10260363	Finish Time	

**KONE MODULAR MAINTENANCE Y**      **ASM Checked**      **Left in service**      **YQS**

			Green	Minor Amber	Major Red	Measurement/Comment
Y Basic Inspection External Drive						
B	Y Basic Inspection XD	Sign In - Permit - Complete PICER - Consult with customer to establish any asset defects				
8.1	Lower end	Check the condition of the floor plates, for debris and tripping hazards				
8.2	Lower end	Check handrail inlet and brushes for debris.				
8.3	Lower end	Check condition of the comb segments				
8.4	Lower end	Audible check for undue mechanical noise/defects				
8.5	Ride Comfort	Ride escalator lower end to top & perform the following checks				
8.6	Ride Comfort	Check the handrail for drive & correct tension				
8.7	Ride Comfort	Check the ride comfort				
8.8	Ride Comfort	Audible check for undue mechanical noise/defects				
8.9	Balustrade and Decking	Check the lighting (where applicable)				
8.10	Balustrade and Decking	Check condition of newel assembly bottom				
8.11	Balustrade and Decking	Check condition of balustrade panels				
8.12	Balustrade and Decking	Check the step to skirt clearances				
8.13	Balustrade and Decking	Check the safety signage and indication lights (if applicable)				
8.14	Balustrade and Decking	Check condition of newel assembly top				
8.15	Balustrade and Decking	Check condition of the comb segments				
8.16	Upper End	Check handrail inlet and brushes for debris.				
8.17	Upper End	Check for screws debris in the lower landing area				
8.18	Upper End	Check the condition of the floor plates.				
8.19	Upper End	Audible check for undue mechanical noise/defects				
8.20	Upper End	Check dust trays and floors for excess oil/mechanical components				
8.21	LMR	Audible check for undue mechanical noise/defects				
8.22	LMR	Audible check for undue mechanical noise/defects				
8.23	LMR	Check drive assembly gearbox oil level, brake lift, undue noise.				
8.24	LMR	Audible check for undue mechanical noise/defects				
8.25	LMR	Audible check for undue mechanical noise/defects				
8.26	LMR	Check chain rollers LHS				
8.27	LMR	Check chain rollers RHS				
8.28	Return record sheet to site log	Record any defects for rectification, urgent defects contact Duty Supervisor.				

Engineer's comments / Parts used

SO No	677467660	Engineer Names	[Redacted]
Station	London Bridge	Date	1-11-18
Esc No	8813	Start Time	
Equip no	10260363	Finish Time	
<b>KONE MODULAR MAINTENANCE Y</b>		ASM Checked	
		Left in service	YES

		Green	Member Amber	Warning Red	Measurement/Comment
8	Y Basic Inspection XD				Sign In - Permit - Complete PICER - Consult with customer to establish any asset defects
8.1	Lower end				Check the condition of the floor plates, for debris and tripping hazards
8.2	Lower end				Check handrail inlet and brushes for debris.
8.3	Lower end				Check condition of the comb segments
8.4	Lower end				Audible check for undue mechanical noise/defects
8.5	Ride Comfort				Ride escalator lower end to top & perform the following checks
8.6	Ride Comfort				Check the handrail for drive & correct tension
8.7	Ride Comfort				Check the ride comfort
8.8	Ride Comfort				Audible check for undue mechanical noise/defects
8.9	Balustrade and Decking				Check the lighting (where applicable)
8.10	Balustrade and Decking				Check condition of newel assembly bottom
8.11	Balustrade and Decking				Check condition of balustrade panels
8.12	Balustrade and Decking				Check the step to skirt clearances
8.13	Balustrade and Decking				Check condition of the skirt brushes
8.14	Balustrade and Decking				Check the safety signage and indication lights (if applicable)
8.15	Balustrade and Decking				Check condition of newel assembly top
8.16	Upper End				Check condition of the comb segments
8.17	Upper End				Check handrail inlet and brushes for debris.
8.18	Upper End				Check for screws debris in the lower landing area
8.19	Upper End				Check the condition of the floor plates.
8.20	Upper End				Audible check for undue mechanical noise/defects
8.21	UMR				Check dust trays and floors for excess oil/mechanical components
8.22	UMR				Audible check for undue mechanical noise/defects
8.23	UMR				Check drive assembly gearbox oil level, brake lift, undue noise.
8.24	LMR				Check dust trays and floors for excess oil/mechanical components
8.25	LMR				Audible check for undue mechanical noise/defects
8.26	LMR				Check chain rollers LHS
8.27	LMR				Check chain rollers RHS
8.28	Return record sheet to site log				

Engineer's comments / Parts used

SO No	67695675	Engineer Names	[Redacted]
Station	London Bridge	Date	1-10-18
Esc No	18	Start Time	02:30
Equip no	10260363	Finish Time	03:30
<b>KONE MODULAR MAINTENANCE Y</b>		ASMI Checked	Left in service <b>YES</b>

Activity	Green	Number Asker	Warning Rod	Measurement/Comment
Y Basic Inspection XD				Sign In - Permit - Complete PICER - Consult with customer to establish any asset defects
8.1 Lower end				Check the condition of the floor plates, for debris and tripping hazards
8.2 Lower end				Check handrail inlet and brushes for debris.
8.3 Lower end				Check condition of the comb segments
8.4 Lower end				Audible check for undue mechanical noise/defects
8.5 Ride Comfort				Ride escalator lower end to top & perform the following checks
8.6 Ride Comfort				Check the handrail for drive & correct tension
8.7 Ride Comfort				Check the ride comfort
8.8 Ride Comfort				Audible check for undue mechanical noise/defects
8.9 Balustrade and Decking				Check the lighting ( where applicable)
8.10 Balustrade and Decking				Check condition of newel assembly bottom
8.11 Balustrade and Decking				Check condition of balustrade panels
8.12 Balustrade and Decking				Check the step to skirt clearances
8.13 Balustrade and Decking				Check condition of the skirt brushes
8.14 Balustrade and Decking				Check the safety signage and indication lights (if applicable)
8.15 Balustrade and Decking				Check condition of newel assembly top
8.16 Upper End				Check condition of the comb segments
8.17 Upper End				Check handrail inlet and brushes for debris.
8.18 Upper End				Check for screws debris in the lower landing area
8.19 Upper End				Check the condition of the floor plates.
8.20 Upper End				Audible check for undue mechanical noise/defects
8.21 UMR				Check dust trays and floors for excess oil/mechanical components
8.22 UMR				Audible check for undue mechanical noise/defects
8.23 UMR				Check drive assembly gearbox oil level, brake lift, undue noise.
8.24 LMR				Check dust trays and floors for excess oil/mechanical components
8.25 LMR				Audible check for undue mechanical noise/defects
8.26 LMR				Check chain rollers LHS
8.27 LMR				Check chain rollers RHS
8.28				Record any defects for rectification, urgent defects contact Duty Supervisor.

Return record sheet to site log

Engineer's comments / Parts used

SO No	675838640	Engineer Names	[Redacted]
Station	Londen B-7dce	Date	2-10-18
Esc No	ESC 13	Start Time	
Equip no	10260363	Finish Time	
<b>KONE MODULAR MAINTENANCE Y</b>		ASM Checked	Left in service
			YOS

Green	Member Attrib	Warning Ref	Measurement/Comment
			Sign in - Permit - Complete PICER - Consult with customer to establish any asset defects
			Check the condition of the floor plates, for debris and tripping hazards
			Check handrail inlet and brushes for debris.
			Check condition of the comb segments
			Audible check for undue mechanical noise/defects
			Ride escalator lower end to top & perform the following checks
			Check the handrail for drive & correct tension
			Check the ride comfort
			Audible check for undue mechanical noise/defects
			Check the lighting (where applicable)
			Check condition of newel assembly bottom
			Check condition of balustrade panels
			Check the step to skirt clearances
			Check condition of the skirt brushes
			Check the safety signage and indication lights (if applicable)
			Check condition of newel assembly top
			Check condition of the comb segments
			Check handrail inlet and brushes for debris.
			Check for screws debris in the lower landing area
			Check the condition of the floor plates.
			Audible check for undue mechanical noise/defects
			Check dust trays and floors for excess oil/mechanical components
			Audible check for undue mechanical noise/defects
			Check drive assembly gearbox oil level, brake lift, undue noise.
			Check dust trays and floors for excess oil/mechanical components
			Audible check for undue mechanical noise/defects
			Check chain rollers LHS
			Check chain rollers RHS
			Record any defects for rectification, urgent defects contact Duty Supervisor.
			Return record sheet to site log

Y Basic Inspection External Drive

Return record sheet to site log

Engineer's comments / Parts used