



# Lift and Escalator Inspection Form



## Report Of Examination of Escalator / Conveyor - PM45

Work Order Number:	66338315	Date Inspected:	17/01/2019	Issue - 00:	LE-FM-0113
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### 1. Machine Details

Station:	<b>Escalator 13 - London Bridge Stn</b>	Manufacturer:	<b>O&amp;K</b>	Line:	<b>Jubilee</b>
Date Of Construction:	<b>29/07/1999</b>	Maintainer:	<b>LE-KONE</b>		

2.1. DESIGN AND CONSTRUCTION, ARE ALL PARTS OF THE ESCALATOR OF GOOD MECHANICAL CONSTRUCTION SOUND MATERIAL & ADEQUATE STRENGTH (SO FAR ASCERTAINABLE)

NOTE: GIVE DETAILS OF RENEWALS OR ALTERATION IN (5) AND (6) BELOW

2.2. MAINTENANCE: ARE THE FOLLOWING PARTS OF THE ESCALATOR PROPERLY MAINTAINED AND IN GOOD WORKING ORDER? IF NOT, STATE WHAT DEFECTS HAVE BEEN FOUND.

NOTE: GIVE DETAILS OF RENEWALS OR ALTERATION IN (5) AND (6) BELOW

3. INSPECTION CHECKLIST: INDICATE IN COLUMN PROVIDED YES, NO OR N/A (NOT APPLICABLE). WHERE "NO" IS INDICATED, RECORD OVERLEAF THE NECESSARY INFORMATION USING THE ITEM REFERENCE LETTER

a) Engineering Drawings	YES	l) Engineers Barriers	YES
b) Combs Combplates & Switches	NO	m) Machine Room Security	YES
c) Keyswitches	YES	n) Access/egress	YES
d) Handrail System & Entry Guard Switches	NO	o) Cleanliness/tidiness Of Machine Rooms	NO
e) Safety Devices		p) Lighting	YES
e.1.1) Safety Devices: No Volt-circuit	NO	q) Controller/annunciator/plc	YES
e.1.2) Safety Devices: Earth Detection Or Residual Current Device	NO	r) Motor	YES
e.2.1) Safety Devices: Underspeed Governor	NO	s) Gear	YES
e.2.2) Safety Devices: Overspeed Governors/ Encoder	NO	t) Brakes	YES
e.3.1) Safety Devices: Stop Diamond	YES	u) Drive Chains	NO
e.3.2) Safety Devices: Stop Buttons/isolators	YES	v) Newel Wheels & Bearings	YES
e.4.1) Safety Devices: Broken Handrail Detection Switch	N/A	w) Inching Stations/buttons	YES
e.4.2) Safety Devices: Handrail Switches/sensors	NO	x) Lubricator	YES
e.5.1) Safety Devices: Missing Step/low Step Detectors	NO	y) Load Relieving Ramps	N/A
e.6.1) Safety Devices: Carriage Switches	YES	z) Tracks	YES
e.7.1) Safety Devices: Kinked Link Detector	YES	aa) Chain & Trailer Wheels	NO
f) Passenger Barriers	YES	bb) Steps/pallets	YES
g) Step Side Clearances	NO	cc) Tension Carriage	YES
h) Brush Guard	NO	dd) Guarding	NO
i) Balustrade & Decking Panels	NO	ee) Circuit Breaker/main Isolator	YES
j) Step Chain Condition \ Chain Wear	YES	ff) Other Parts	YES
k) Step Treads	NO	gg) Cleanliness of Escalator	YES

4. WHAT PARTS (IF ANY) WERE INACCESSIBLE?

**All enclosed parts**

5. REPAIRS, RENEWALS OR ALTERATIONS REQUIRED TO ENABLE THIS LIFT TO CONTINUE TO BE USED WITH SAFETY.

IF NO SUCH REPAIRS, RENEWALS OR ALTERATIONS ARE REQUIRED, ENTER "NONE" [PLEASE REFER TO PAGES 2 AND 3 FOR INSPECTION DETAILS]

a) IMMEDIATELY

**NO**



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67396568	There is an 8mm handrail to moulding gap at the lower RH newel. 28 days.-- Escalator 13 - London Bridge Stn	28-DAYS	14 Feb 2019 23:21
67396569	There are several chain wheels on both sides with missing ball bearings, in addition multiple wheels have noisy bearings and have lateral float, a full chain wheels survey is required and any defective wheels replac -- Escalator 13 - London Bridge Stn	14-DAYS	31 Jan 2019 23:26
67396558	There is one flexing panel at the upper LH curve. 14 days -- Escalator 13 - London Bridge Stn	14-DAYS	31 Jan 2019 23:17
67396521	There are five step to skirt positions that are out of tolerance 14 days. -- Escalator 13 - London Bridge Stn	14-DAYS	31 Jan 2019 23:13
67396563	There is one step with a tread section damaged. 14 days. -- Escalator 13 - London Bridge Stn	14-DAYS	31 Jan 2019 23:19

b) WITHIN A SPECIFIED TIME, THE SAID TIME TO BE STATED

**YES**

### 6. DEFECTS (OTHER THAN THOSE SPECIFIED AT 5 ABOVE) WHICH REQUIRE ATTENTION. LIST URGENT AND OTHER

b) Combs Complates & Switches	Top Comb: 5 5 4 4 3 3  Bottom Comb: 4 5 5 3 3 3  Upper and lower combplates require lowering <u>URGENT</u> .
d) Handrail System & Entry Guard Switches	There is an 8mm handrail to moulding gap at the lower RH newel. 28 days. (5B raised).
e.1.1) Safety Devices: No Volt-circuit	Not tested.
e.1.2) Safety Devices: Earth Detection Or Residual Current Device	Not tested.
e.2.1) Safety Devices: Underspeed Governor	Not tested.
e.2.2) Safety Devices: Overspeed Governors/ Encoder	Not tested.
e.4.2) Safety Devices: Handrail Switches/sensors	Not tested.
e.5.1) Safety Devices: Missing Step/low Step Detectors	missing step not tested.
g) Step Side Clearances	LH: 5 5 4 3 3 4 4 3 3 4 4 5 3 4 4 3 4 3 RH: 3 4 3 4 3 3 5 3 3 3 3 4 3 3 1 3 2 4 4  There are five step to skirt positions that are out of tolerance 14 days. 5B raised.
h) Brush Guard	Upper landing brush guard taper piece is damaged on the lower layer and requires replacing <u>URGENT</u> .
i) Balustrade & Decking Panels	There is one flexing panel at the upper LH curve. 14 days. (5B raised)
k) Step Treads	There are numerous razored sections along the entire step band.  There is one step with a tread section damaged. 14 days. (5B raised).
o) Cleanliness/tidiness Of Machine Rooms	Old steps laying around the machine room, these require tidying up or removing from site.
u) Drive Chains	Both handrail drive chains are slack.
aa) Chain & Trailer Wheels	There are several chain wheels on both sides with missing ball bearings, in addition multiple wheels have noisy bearings and have lateral float, a full chain wheels survey is required and any defective wheels replaced. 14 days. (5B raised).
dd) Guarding	There is no access gate at the upper low step detector making it difficult to test/reset, guard mod required.

### 7. OTHER OBSERVATIONS

Step Band Speed	0.75	M/SEC
Lh Handrail Speed	0.75	M/SEC
Rh Handrail Speed	0.75	M/SEC

### 8. DATE OF INSPECTION

LAST

DUE

a. WORM GEARS TO BE EXPOSED AT 10 YEARLY INTERVALS

b. THE OVERSPEED GOVERNOR TO BE TESTED EVERY 5 YEARS  
(IN ACCORDANCE WITH HEALTH AND SAFETY EXECUTIVE)



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IN THE EVENT OF A SERIOUS DEFECT BEING DISCOVERED THE JNP FAULT REPORTING CENTRE MUST BE NOTIFIED IMMEDIATELY

I CERTIFY THAT ON	<b>17 Jan 2019 00:15</b>	I THOROUGHLY EXAMINED THIS ESCALATOR AND THAT THE FOREGOING IS A CORRECT REPORT OF THE RESULT
NAME OF THE INSPECTOR:	<b>Dupree, James</b>	Number: SIGNATURE:
QUALIFICATION:		
ADDRESS:	Asset Performance JNP LIFT & ESCALATOR PERFORMANCE SECTION OPERATIONS 15 WEST FERRY CIRCUS, CANARY WHARF LONDON, E14 4HD	

Number of Records: