	cription of Installation		
Loca (Add	tion ress)		
	ufacturer		
Mod			
Lift N			
Lift L	ocation ID Length of Travel		m
Pass	enger Lift 🛛 Freight Lift 🗇 Vehicle Lift 🗇 Platform Lift 🗇	Stairlift	
	Parking System		
	ls Served		
	d Load kgPersons Rated Speed Up		m/s
Dia.	of Ram: m Ram Action: Direct		
Туре	of Ram: Single 🛛 / Telescopic 🗆		
Pow	er Supply at Time of Test Volt Phase	Hz	
	Iling tolerance <u>+</u> mm Number of Starts		/hr
Carl	Floor Area m <sup>2</sup>		
Mac	nine Room Location: above lift well   / below lift well   / at side	эП	
	/ others D		
	s a fireman's lift?	Yes 🗆	No 🗆
Is thi	s lift for persons with a disability?	Yes 🗆	No 🗆
Devi	ces provided against free fall and descent with excessive speed of	the car—	
	afety gear tripped by overspeed governor	Yes □	No 🗆
.,	afety gear tripped by failure of suspension gear or by safety rope	Yes 🗆	No 🗆
(iii) F	Pupture valve	Yes 🛛	No 🗆
(iv) F	Restrictor	Yes 🗆	No 🗆
Devi	ces / systems provided against creeping of the car—		
	afety gear tripped by downward movement of the car	Yes 🗆	No 🗆
.,	awl device	Yes 🗆	No 🗆
	Clamping device	Yes □	No 🗆
	lectrical anti-creep system	Yes 🗆	No 🗆
2. Stat	c Examination - Mechanical	Not Tes	sted 🗆
2.1	Jack	Not Tes	
	Single Jack  Multi Jack  Number of Jacks		
	In multi jack system, do the jacks comply with relevant clause of the		able
	Design Code?	Yes □	No 🗆
	N.A. L	162 [	

2.2	Suspension		Not Tested
(a)	) Suspension Ropes		
	Certificate No.	Date of issue	
	Number	Nominal Diameter	mm
	Have the suspension ropes attained t		accordance
	with relevant clause of the applicable	Works Code?	Yes 🗆 No 🗆
(b	) Type of Anchorages: Car		
	Counterweight (i	f provided)	
	Have the anchorages been examined	and found in good working of	condition?
			Yes 🗆 No 🗆
2.3	Suspension Chain	N.A. D Fitted D	Not Tested
(a)	) Number	(b) Pitch	mm
(c)	) Туре	Construction	
2.4 \$	Safety Gear	N.A. D Fitted D	Not Tested
	las the safety gear been certified in acc pplicable Design Code?	cordance with relevant clause	e of the Yes □ No □
N	lanufacturer		
Ν	lodel		
С	Certificate No.	Date of issue	
2.5 I	Energy Dissipation Buffer	N.A. D Fitted D	Not Tested
	a) Has the buffers been certified in accc esign Code?	ordance with relevant clause	of the applicable Yes □ No □
()	o) Manufacturer		
,	· · · · · · · · · · · · · · · · · · ·		
		Date of issue	
(	Certificate No		Yes 🗆 No 🗆
(C	b) is the bullet switch functioning proper	ity:	
2.6 E	nergy Accumulation Buffer	N.A. D Fitted D	Not Tested
•	<ul> <li>a) Has the buffers been certified in according besign Code?</li> </ul>	ordance with relevant clause	of the applicable
	esign code :	N.A. 🗆	]Yes□ No□
(b	) Manufacturer		
	Model		
	Certificate No.		
(c	) Do the buffers comply with relevant c	lause of the applicable Desig	n Code?
			Yes 🗆 No 🗆

2.7 Overspeed Governor	N.A.  Fitted  Not Tested
(a) Has the governor been certified i applicable Design Code?	n accordance with relevant clause of the Yes $\Box$ No $\Box$
(b) Manufacturer	
Model	
Certificate No.	Date of issue
(c) Is the data plate in accordance w	ith relevant clause of the applicable Design Code? Yes □ No □
(d) Does the governor rope conform	to relevant clause of the applicable Design Code?
(e) Is the governor slack rope switch	working properly? Yes No D
(e) is the governor slack tope switch	
2.8.1 Door Locking Device	Not Tested
(a) Has the landing door locking dev relevant clause of the applicable De	rice been certified in accordance with sign Code? Yes □ No □
Manufacturer	
Model	
Certificate No.	Date of issue
(b) Does the car door locking device applicable Design Code?	e comply with relevant clause of the Yes □ No □
Manufacturer	
Model	
Certificate No.	Date of issue
2.8.2 Door Locking Device (2 <sup>nd</sup> Type)	Not Tested
(a) Landing Door Locking Device	
	v / Added  Replaced  Existing  N.A.
clause of the applicable Design Co	e been certified in accordance with relevant de? Yes D No D
Manufacturer	
Model	
Certificate No.	Date of issue

(b) Car Door Locki	ng Device (2 <sup>nd</sup> Type)					
	New / Add	led 🗆 Replaced	d 🗆 Ex	isting	g 🗆 N.A. 🗆	
Does the car door Design Code?	locking device comply	with relevant clau	ise of the		olicable ∕es □ No □	
Manufacturer						_
Model						
Certificate No.		Date	of issue			
2.8.3 Add or replacen	nent of door panel (for	major alteration w	orks only	y)	N.A. □	
Car Door Panel		A	dded		Replaced D	
Landing Door Pa	anel	A	dded		Replaced $\Box$	
	Floor(s):					-
2.9 Rupture Valve/On	e-way Restrictor				Not Tested E	ב
	lve/one-way restrictor the applicable Design				/ith the Yes □ No □	נ
Manufacturer						
Model						
Certificate No.		Date	e of issue	e		
2.10 Unintended Car	Movement Protection			Eviet	Not Tested	
(a) Turna of Uninte		dded  Replac	сеа Ц	EXIST		
	ended Car Movement F					
Car Safety Gea	ar 🗆 Valve 🗆 C	thers				
(b) Has the uninte accordance with t	nded car movement pr he relevant clause of th	otection means ir ne applicable Des	n 2.10 (a ign Code	) bee e?	en certified in	
			N.A	∖. 🗆	Yes 🗆 No 🛙	ב
Manufacturer						_
Model						_
Certificate No	)	Dat	e of issu	ie		-

3. Static Examination – Electrical         3.1 Insulation Resistance to Earth         (a) Pump Motor       MΩ         (c) Safety Circuits       MΩ	Not Tes Not Tes	
<ul> <li>3.2 Earthing</li> <li>(a) Is the maximum continuity resistance to earth less than 0.5Ω?</li> <li>(b) Is the car connected to controller earthing terminal by a separate ≥0.75mm<sup>2</sup>?</li> </ul>	Yes□	No 🗆 pr No 🗆
<ul> <li>3.3 Protection of Conductors Is the fixed wiring in conduit or trunking (or fittings which ensure equi protection) throughout? </li> <li>3.4 Phase Failure and Phase Reversal Devices Devices </li> </ul>		No 🗆
Do the phase reversal and phase failure devices operate correctly? 4. Dynamic Tests	Yes □ Not Tes	
<ul><li>4.1 Safety Contacts/Circuits</li><li>(a) Have the contacts at each landing entrance been proved to ensure that when broken there is no movement of the car?</li><li>(b) Have the mechanical locks at each landing entrance been proved for positive locking?</li></ul>	Not Tes Yes 🗆 Yes 🗆	No 🗆 No 🗆
<ul> <li>(c) Have the car door/gate contacts been proved so that when broken there is no movement of the car?</li> <li>(d) If separate terminal stopping switches are N.A. fitted, do they operate satisfactorily?</li> </ul>	Yes □ Yes □	No □ No □
<ul><li>(e) Do the final limit switch operate in accordance with relevant clause of the applicable Design Code?</li><li>(f) Have the stopping devices on the car top, in the pulley room and pit been proved so that when broken there is no movement of the car?</li></ul>	Yes □ Yes □	No □ No □
<ul> <li>(g) Have all other switches/contacts in the safety circuit been proved so that when broken there is no movement of the car?</li> <li>(h) Does the earthing of the most remote contact (lock or push</li> </ul>	Yes □ Yes □	No 🗆
<ul><li>(i) Does the calculated of the most remote contact (lock of push button) operates a fuse or trip a breaker without delay?</li><li>(i) Are all other electromechanical interlocks working properly?</li></ul>	Yes 🗆	No 🗆

4.2 Car Top Control Station	Not Tested	
(a) Speed Upm/s	(b) Speed Down m/s	
(c) Does the design and operation of the clause of the applicable Design Code?	e car top station comply with relevant Yes D No D	
4.3 Clearances and Runbys	Not Tested	
<ul><li>(a) Will the car and counterweight (if fitte speed:</li></ul>	ed) clear all obstacles when driven at slow	
(i) with the car and rated load compre	•	
(ii) with the counterweight (if fitted) co buffer (car empty)?	ompressing its N.A. □ Yes □ No □	
(iii) with the ram fully extended to the	e ram stop? Yes 🗆 No 🗆	
(b) What is the distance between the cal parts of roof of the lift well, when the car		ı
accommodate the rectangular block as s	ressed buffers, is there sufficient space to specified in relevant clause of the applicable n the bottom of the pit and the lowest point of	:
	Yes 🗆 No 🗆	]
(d) Distance of bottom runby of car	mn	n
(e) Distance of bottom runby of counterv	weightmn	n
4.4.1 Door Tests	Not Tested	ב
(a) Type of sliding doors	Horizontal D / Vertical D Collapsible D	]
(b) Form of operation of doors	Manual 🛛 / Powered 🗆	]
(c) Power supply to door control circuit	V	1
(d) Maximum force at the mid-point of the	e travel N	I
(e) Does the construction & operation of comply with relevant clause of the applic		J
(f) Do the car doors fulfil the requirement the applicable Design Code?	ts of relevant clause of Yes □ No □	I
4.4.2 Door Test (2 <sup>nd</sup> Type)	Not Tested E	ב
(a) Type of sliding door	Horizontal 🛛 / Vertical Collapsible 🗆	ב
(b) Form of operation of door	Manual 🗆 / Powered 🗆	
(c) Power supply to door control circuit	V	
(d) Maximum force at the mid-point of the	ne travel N	
(e) Does the construction & operation of		
comply with relevant clause of the appli		ב
(f) Do the car doors fulfil the requirement		_
the applicable Design Code?	Yes 🗆 No 🗆	J

5. Measurements of the Hydraulic and Electrical System				Not Tested	
Note: 1 bar = 10⁵N/m² = 1	0⁵Pa				
(a) With rated load in the state the static hydraulic p	car and at the highest floor I pressure	level,			bar
(b) When subject to 200% of full load pressure applied between the non-return valve and the jack (included) for a period of 5 minutes, is there evidence of any pressure drop or leakage of hydraulic fluid? Yes □ No □					
(c) Particulars of pump m	otor (as stated on data plate	e)			
Maker	Drive System				
Serial No.	Speed	rpm	Frequency		Hz
Power Rating	kW Rated Voltage	V	Current Ratin	g	A
(d) Particulars of the pum	p (as stated on data plate)				
Maker	Serial No.		Туре		
(e) Current and Speed Te	ests (at mid-point of travel)				

	Hydraulic pressure Lift Speed Motor In (See Note 1)		Motor Input	ut (See Note 2)		
No Load Up	bar	m/s	V	А		
Rated Load Up	bar	m/s	V	А		

Note 1 - The pressure readings should be taken between the check valves, or down direction valve, and the supply line to the cylinder.

Note 2 - The motor current readings on conductors adjacent to the motor terminal block should be taken with the motor running steadily.

(f) Pressure relief valve operated at pressure of	bar		
and is the integrity of the pipework satisfactory?		Yes 🗆	No 🗆
(g) Is the relief valve secured against any unauthorized interference?		Yes□	No 🗆
(h) Does the check valve hold the car with rated load at floor le	evel?	Yes 🗆	No 🗆
(i) Does the rupture valve function correctly?	N.A. □	Yes 🗆	No 🗆
(j) Does the operation of the manual lowering valve lower the at a slow speed not exceeding 0.3m/s?	car	Yes 🗆	No 🗆
(k) In the case of an indirect acting lift, does the slack chain	□ / rope	es 🗆	
switch or pressure switch prevent operation of the lift until pressure is re-established by the re-setting of the switch?	N.A. □	Yes□	No 🗆
(I) Are precautions against any overheating of the fluid provided?		Yes 🗆	No 🗆

Туре		Serial No.		
		Electrical	Mechanical	
Device Tripping	Marked	m/s	m/s	
Speed	Measured	m/s	m/s	
=	ernor was tested on th ree Fall □ / Actual ase specify)			
, A	OR			
does the triggering (c) Suspension Gear If the safety gear	I / clamping device      mechanism operates     / clamping device	satisfactorily? □ is tripped by the f	N.A. □ Yes □ ailure of suspensior	
does the triggering	mechanism operate s	atistactorily? N.A. □ Fit	N.A. □ Yes □ ted □ Not Test	
Note: The following test				.cu
(a) Progressive Type			ung.	
/ inspection D /	operate correctly who rated □ speed with ormly distributed in th m/s 	n 100% □ / 125%		No
(b) Instantaneous Type				
	operate correctly whe		Yes 🗆	No
(c) What was the stoppin	ng distance in the test	?m	n	
(d) After the lift car was floor horizontal, or slopir	brought to a halt in the	e above test was the horizontal?	Yes 🗆	No

8. Clamping Device Tests	N.A. D Fitted D	Not 7	「ested □
<ul> <li>(a) Progressive Type</li> <li>Does the clamping device operate correctly when</li> <li>125% □ /150% □ of the rated load uniform</li> <li>in the lift car?</li> </ul>		Yes [	] No 🗆
(b) Instantaneous Type Does the clamping device operate correctly who			
125% □ / 150% □ of the rated load uniform	nly distributed in the ca	r? Yes	🗆 No 🗆
9. Unintended Car Movement Protection		Not Te	sted 🗆
<ul> <li>(a) Subsequent to the operation for a downward m</li> <li>(i) the horizontal distance between the well wal the entrance frame of the lift car (among from the landing sill to 1,200mm downward)</li> </ul>	and the sill or		mm
(ii) the free distance from car sill to landing doo	r lintel		mm
(b) What was the deceleration in the test?			m/s²
10. Buffer Tests		Not Tes	sted 🗆
(a) For Car Buffers			
(i) When the car was brought into contact with	the buffers at rated		
load and at rated speed, or at a speed for which buffers has been calculated, was the operation		Yes 🗆	No 🗆
(ii) Do the buffers automatically return to their a after undergoing compression?	designed position	Yes 🗆	No 🗆
(b) For Counterweight Buffers (if fitted) When the counterweight was brought into con with the car empty and travelling at rated spee which the stroke of the buffers has been calcu operation satisfactory?	ed, or a speed for	Yes 🗆	No 🗆

11. Anti-Creep						ted 🛛	
Does the anti-creep device operate in accordance with conditions stipulated in relevant clause of the applicable Design Code?						No 🗆	
12. Duty Cycle Test	12. Duty Cycle Test						
Does the lift operate satisfactorily for a period of at least 0.5 hour when running with rated load over the full travel distance and serving intermediate stops at a rate of starts equals to the number of starts per hour as stated in item 1?						No 🗆	
13. General (Lift Works)							
(a) Is the maximum load ind with relevant clause of the a			it comply		Yes 🗆	No 🗆	
(b) Does the fireman's lift op	peration fu	nction correctly	?	N.A. 🗆	Yes 🗆	No 🗆	
(c) Are the emergency instructions displayed in the machine room?						No 🗆	
(d) Does the emergency op accordance with relevant cla					Yes□	No 🗆	
(e) Does the emergency light clause of the applicable Des			h relevant		Yes□	No 🗆	
(f) What are the emergency	alarm dev	vices?					
	CarTop/ Pit	Management office	M/C room	Lift c	ar Mai	n lobby/ Pit	
Alarm bell							
Intercom							
Indication light							
Indication light for acknowle & the notice	dgement						

(g) Does the overload device operate satisfactorily?

#### 14. General (Other works)

(a) Is the machine room artificial lighting adequate for maintenance purposes?		Yes□	No 🗆
(b) Is the artificial lighting in the lift well comply with relevant clause of the applicable Design Code?		Yes 🗆	No 🗆
(c) Are the machine room conditions satisfactory?		Yes 🗆	No 🗆
(d) Are the provisions for ventilating the machine room adequate?		Yes□	No 🗆
(e) Are the machine room doors or trap doors fitted with a suitable lock to comply with relevant clause of the applicable CoP on Building Works for Lifts and Escalators?		Yes 🗆	No 🗆
(f) Are the safety means of access to all items of equipment in accordance with the relevant clause of the applicable CoP on Building Works for Lifts and Escalators?		Yes 🗆	No 🗆
If no, state details			
(g) Are the hoistway emergency doors (if fitted), in N compliance with relevant clause of the applicable CoP on Building Works for Lifts and Escalators?	N.A. □	Yes 🗆	No 🗆
(h) Documents (copy only) in respect of exemptions (if any) N shall be provided for reference.	N.A. □	Yes□	No 🗆
<ul> <li>(i) Are CCTV camera provided in lift car and CCTV monitors</li> <li>N provided in □ management office and □ machine room</li> <li>and □ main lobby?</li> </ul>	N.A. □	Yes 🗆	No 🗆

#### 15. Declaration

I certify that on

\_ the lift and all its associated equipment or machinery was

thoroughly examined, and found to be free from obvious defects and in safe working order. I confirm also that the design and construction of the lift and all its associated equipment or machinery complied with relevant clause of the applicable Design Code, Works Code, and CoP on Building Works for Lifts and Escalators with the exception of the following items (if any, please specify).

Exceptions & Remarks:

The information in this examination report is an accurate record of the examination carried out on the aforementioned date.

#### Remarks:

Design Code means CoP on the Design and Construction of Lifts and Escalators Works Code means CoP for Lift Works and Escalator Works

Name & Registration No. of Registered Lift Engineer Signature of Registered Lift Engineer

Date