NO. 5653 13 December 2024

OCCUPATIONAL HEALTH AND SAFETY ACT, (ACT 85 OF 1993) AS AMENDED

INCORPORATION OF THE NATIONAL CODE OF PRACTICE FOR INSPECTION AND TESTING OF LIFT, ESCALATOR AND PASSENGER CONVEYOR REGULATIONS 2010

I Millysind E. Ruiters, appointed as Chief Inspector in terms of Section 27(1) of the Occupational Health and Safety Act, (Act 85 of 1993) as amended, and by virtue of the power delegated to me by the Minister of Employment and Labour, in terms of Section 42(1) of the Act and after consultation with the Advisory Council for Occupational Health And Safety hereby, under Section 44 of the Occupational Health and Safety Act, (Act 85 of 1993), as amended, incorporate the National Code of Practice for Inspection and testing of Lift, Escalator and Passenger Conveyor into the said regulations.

Chief Inspector

#### **FOREWORD**

This Code of Practice is to provide clarity and direction to all stakeholders directly or indirectly related to the inspection and testing of lift in to the lift, Escalator and Passenger Conveyor Regulations. This document consists of annexures on the commission and inspection of the lift, escalator and passenger conveyor.

## Content

- 1. Annex A Vertical lift platform
- 2. Annex B Vertical lift platform
- 3. Annex A Passenger and Access Goods only
- 4. Annex A Rack and pinion lift
- 5. Annex B Electric lift
- 6. Annex A Escalator and travelator (motorised walkway)

Enclosed b) Semi enclosed c) Open d) Glazed  pe of drive  um drive Traction drive Hydraulic Chain drive Screw  fit Car Load / Speed  Lift Platform Dimensions  a) Internal wirder (wain-to-wain)  b) Internal depth (front return to rear wall)  most Speed m/s c) Platform Area  petrical Power supply:  Electrical supply:  Permanent:  Volts supply:  Volts supply:  Max Amps:  A  Power rating:  KW  If temporary -the power supply section needs to be re-measured and recorded  Speed:  Pump & valve make:  Serial Number:	DEI AKTIMEN	T OF EMPLOYMENT AND LABOUR	1
CoUPATIONAL HEALTH AND SAFETY ACT 85 OF 1933	7		
LIFI, ESCALATOR AND PASSENGER CONNEYOR REGULATIONS ALTESTS IN ACCORDANCE WITH SAMS 30981-41  Commissioning Report for Vertical Lift Platform  DTE: Statements and replies to all relevant questions and be annotated in the appropriate boxes. Where multiple  secription of installation  me of User (Owner or Occupier):  Equipment Manufacturer name Date Manufacturer name Date Manufacturer in Model:  Installation mounting method?  Official installation number.  Vendor Identification SIN:  Of lavels served:  Front  Rear  General information: DA Roped/No Ropes. Rope 62  Number of reps grips.  Ram Ø: (TypeManufacturer) Hose Ø: (Test pressure)  att enclosure  inclosure  inclosure  indirect of fire traction drive  Hydraulic  Lift Platform Dimensions  at drive  Installation repressions  Internal olight (front return to rear well)  Internal olight (front return to rear well)  Internal olight):  Permanent:  Voits supply:  Voits supply:  Voits supply:  Voits supply:  Pump & valve make:  Serial Number.  Serial Number.  Serial Number.	SCHIBATIONAL HEALT		
ALL TESTS IN ACCORDANCE WITH SANS 50081- 41  Commissioning Report for Vertical Lift Platform  The Statements and repiles to all relevant questions should be annotated in the appropriate boxes. Where multiple estions are posed, only one of the alternate boxes should be ticked ?  Bacription of Installation  me of User (Owner or Occupier):  Equipment Manufacturer name  Date Manufacturer name  Official installation mounting method?  Installation mounting method?  Official installation number:  Vandor Identification SIN:  of levels served:  Front  Functional name and/or location:  Peneral information:  DA Roped/No Ropes:  Rope 2:  Number of rope grips:  Ram D. (TypeManufacturer)  Hose 2: (Test pressure)  mm: Kpa:  Int enclosure  inclosed  b) Semi enclosed  c) Open  d) Glazed  Car Load / Speed  Lift Platform Dimensions  so drive  morive  Traction drive  Hydraulic  Car Load / Speed  M/s  c) Platform Area  If temporary the power supply section needs to be re-measured and recorded  Power rating:  WW  If temporary the power supply section needs to be re-measured and recorded  Pump & valve make:  Serial Number:			
Distaillation and regiles to all relevant questions should be annotated in the appropriate boxes. Where multiple esterions are peaced, only one of the alternate boxes should be tricked.  Begription of Installation  me of User (Owner or Occupier):  Equipment Manufacturer:  Date Manufacturer:  Model:  Installation mounting method?  Installation mounting method?  Official installation number:  Vendor Identification S/R  Of Identification S/R  Official installation number:  Vendor Identification S/R  Of Identification S/R  Official installation number:  Vendor Identification S/R  Installation number:  Vendor Identification S/R  Official installation number:  Vendor Identification S/R  Installation number:  Official installation number:  Vendor Identification S/R  Installation number:  Vendor Identification S/R  Installation number:  Installation number:  Vendor Identification S/R  Installation number:  Installation num	ALL TESTS IN A	CCORDANCE WITH SANS 50081- 41	
pscription of Installation me of User (Owner or Occupier):  Equipment Manufacturer name Date Manufacturer  Model: Installation mounting method?  Official installation number: Vendor Identification SIN:  Functional name and/or location:  Rear General Information: DA Roped/No Ropes: Rope &: Number of rope grips: Ram Ø: (Type/Manufacturer) Hose Ø: (Test pressure)  Inm. Kpa  If enclosure Indicated I	Comm  TE: Statements and replies to all relevant questions st	nissioning Report for Vertical Lift Platform	
Equipment Manufacturer name Date Manufactured:   Model:			
Equipment Manufacturer name Date Manufactured:    Model:	escription of installation		Date
Date Manufactured:  Model: Installation mounting method?  Installation mounting method?  Installation mounting method?  Official installation number: Vendor Identification SIN:  Functional name and/or location:  Rear General information: DA Roped/No Ropes: Rope & mm: Number of rope grips: Ram Ø: (Type/Manufacturer) Hose Ø: (Test pressure)  Installation number:  Official installation number: Vendor Identification SIN:  Functional name and/or location:  General information: DA Roped/No Ropes: Ram Ø: (Type/Manufacturer) Hose Ø: (Test pressure)  Installation number:  Installation mounting method?  Installation number:  Installation nu	ame of User (Owner or Occupier):	Equipment Manufacturer name	
Model: Installation mounting method?  Installation mounting method.  Installation mounting me		15 16 16 16 16 16 16 16 16 16 16 16 16 16	
Installation mounting method?  Installation number:  Installation number		(A) In the Control of	
Meters  Official installation number:  Vendor Identification S/N:  Functional name and/or location:  Rear  General Information:  DA Roped/No Ropes:  Rope Ø:  Number of rope grips:  Ram Ø: (Type/Manufacturer)  Hose Ø: (Test pressure)  mm: Kpa:  att enclosure  Enclosed  b) Semi enclosed  c) Open  d) Glazed  conditive  und drive  Traction drive  Hydraulic  Lift Platform Dimensions  a) Internal depth (front return to rear wall)  miter of persons:  b) Internal depth (front return to rear wall)  miter of persons:  voltas upply:  Volts supply:  Fermanent:  (guing construction) Temporary:  If temporary-the power supply section needs to be re-measured and recorded  Pump & valve make:  Serial Number:	uilding Name:	Model:	
Vendor Identification S/N:    Vendor Identification S/N:	uilding Address:	Installation mounting method?	
Vendor Identification S/N:    Vendor Identification S/N:			
Vendor Identification S/N:    Vendor Identification S/N:			
Front Functional name and/or location:  Rear General Information: DA Roped/No Ropes: Rope Ø: mm: Number of rope grips: Ram Ø: ( Test pressure ) mm: Kpa:  Information: DA Roped/No Ropes: Rope Ø: mm: Number of rope grips: Ram Ø: ( Test pressure ) mm: Kpa:  Information: DA Roped/No Ropes: Rope Ø: mm: Number of rope grips: Ram Ø: ( Test pressure ) mm: Kpa:  Information:	ength of travel Meters	Official installation number:	
Front Functional name and/or location:  Rear General Information: DA Roped/No Ropes: Rope Ø: mm: Number of rope grips: Ram Ø: (Type/Manufacturer) Hose Ø: (Test pressure)  aft enclosure Enclosed b) Semi enclosed c) Open d) Glazed  pe of drive und drive Traction drive Hydraulic Chain drive Screw  Lift Platform Dimensions und drive und drive Screw  Lift Platform Dimensions at institute institution with institution and peth (front return to rear wall) mitter of persons: b) Internal depth (front return to rear wall) meter of power supply:  Volts supply: V Max Amps: A Power rating: KW If temporary -the power supply section needs to be re-measured and recorded  Pump & valve make: Serial Number:		W. 7. W. 10. 10. 20.	
Functional name and/or location:    Rear		Vendor Identification S/N;	
Rear General Information: DA Roped/No Ropes: Rope Ø: mm. Number of rope grips: Ram Ø: ( Typel/Manufacturer ) Hose Ø: ( Test pressure ) mm: Kpa:  att enclosure Enclosed b) Semi enclosed c) Open d) Glazed  pe of drive um drive Traction drive Hydraulic Chain drive Screw  It Car Load / Speed teu usur Kg and internal wouth (wain-to-wait) mber of persons: b) Internal depth ( front return to rear wall) mm  ted Speed mr/s c) Platform Area mm  Volts supply: V Max Amps: A Power rating: kW Speed: rpm  Pump & valve make: Serial Number:	o. of levels served: Front		
Side  DA Roped/No Ropes:  Rope &: mm:  Number of rope grips:  Ram &: (Typel/Manufacturer)  Hose &: (Test pressure)  mm: Kpa:  Internal drive   Traction drive   Hydraulic   Chain drive   Screw    It Car Load / Speed  Iteu usu   Kc    Internal depth (front return to rear wall)   mm  Ited Speed   mr/s   c)   Platform Area   mm  Internal depth (front return to rear wall)   mm  Ited Speed   mr/s   C)   Platform Area   mm  Ited Speed   Typel   Temporary:  Volts supply:   V   (during construction) Temporary:  Max Amps:   A    Power rating:   KW   If temporary -the power supply section needs to be re-measured and recorded    Pump & valve make:   Serial Number.		Functional name and/or location:	
Rope Ø:	Rear	General Information:	
Rope Ø:	Side	DA Roped/No Ropes:	
Ram Ø: (Type/Manufacturer) Hose Ø: (Test pressure)  mm: Kpa:  aft enclosure  Enclosed b) Semi enclosed c) Open d) Glazed  pe of drive  um drive Traction drive Hydraulic Chain drive Screw  t Car Load / Speed  teu uau Ka B Hydraulic Uwan-tu-wan b Internal depth (front return to rear wall)  mber of persons: b) Internal depth (front return to rear wall)  meter of persons: C) Platform Area min  ted Speed m/s c) Platform Area min  Volts supply: V (during construction) Temporary.  Max Amps: A  Power rating: KW If temporary -the power supply section needs to be re-measured and recorded  Pump & valve make: Serial Number:		Rope Ø:	mm:
Hose Ø: (Test pressure )  mm: Kpa:  antit enclosure  Enclosed b) Semi enclosed c) Open d) Glazed  pe of drive  um drive Traction drive Hydraulic Chain drive Screw  it Car Load / Speed  neu uou Kg a) mierinal wount (wan-tu-wan)  imber of persons: b) Internal depth (front return to rear wall)  mided Speed m/s c) Platform Area  petrical Power supply:  Volts supply: V  Max Amps: A  Power rating: kW If temporary -the power supply section needs to be re-measured and recorded  Speed: rpm  Pump & valve make: Serial Number:		Number of rope grips:	
Hose Ø: (Test pressure )  mm: Kpa:  aft enclosure  Enclosed b) Semi enclosed c) Open d) Glazed  pe of drive  um drive Traction drive Hydraulic Chain drive Screw  It Car Load / Speed  teu uau Kg a) miterinal wouth (wan-tu-wan)  mber of persons: b) Internal depth ( front return to rear wall)  ted Speed m/s c) Platform Area  petrical Power supply:  Volts supply: V  Max Amps: A  Power rating: kW If temporary -the power supply section needs to be re-measured and recorded  Speed: rpm  Pump & valve make: Serial Number:		Ram Ø: ( Type/Manufacturer )	
Enclosed b) Semi enclosed c) Open d) Glazed  pe of drive  um drive Traction drive Hydraulic Chain drive Screw  ft Car Load / Speed  ft ft Patternation  ft f		U 6 (7-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	
Enclosed b) Semi enclosed c) Open d) Glazed  pe of drive  um drive Traction drive Hydraulic Chain drive Screw  It Car Load / Speed  It		Hose Ø: ( Test pressure )	mm: Kpa:
Pe of drive und drive Traction drive Hydraulic Chain drive Screw  It Car Load / Speed  It Car	aft enclosure		
Lift Platform Dimensions  ted Josed  ted Speed  mber of persons:  ted Speed  b) Internal depth ( front return to rear wall)  mctrical Power supply:  Volts s	Enclosed b) Semi enclosed	c) Open	d) Glazed
Lift Platform Dimensions  ted road / Speed  Lift Platform Dimensions  a) Internal would (wan-to-wan)  ted Speed m/s  c) Platform Area  Electrical Supply:  Permanent:  Volts supply:  V (during construction) Temporary:  Max Amps:  A  Power rating:  Speed:  Pump & valve make:  Serial Number:	pe of drive		
mber of persons:  b) Internal depth ( front return to rear wall)  meter Speed m/s  ctrical Power supply:  Clustrical Power supply:  Volts supply:  Volts supply:  Vax Amps:  A  Power rating:  Speed:  Pump & valve make:  Serial Number:	um drive Traction drive	Hydraulic	Chain drive Screw
b) Internal depth (front return to rear wall)  moderated Speed m/s c) Platform Area min  ctrical Power supply:  Volts supply:  Volts supply:  Max Amps:  A  Power rating:  Speed:  Pump & valve make:  Serial Number:	t Car Load / Speed	Lift Platform Dimensions	
ted Speed m/s c) Platform Area mile strictical Power supply:    Column	teu iuau Ka	a) internal width (wall-to-wall)	min
ted Speed m/s c) Platform Area mile strictical Power supply:    Column		b) Internal depth ( front return to rear wall)	mm
Permanent:  Volts supply:  V  Max Amps:  A  Power rating:  Speed:  Tpm  Pump & valve make:  Electrical supply:  Permanent:  (during construction) Temporary:  If temporary -the power supply section needs to be re-measured and recorded  Speed:  Serial Number:			
Volts supply:  V (during construction) Temporary:  Max Amps: A Power rating: kW If temporary -the power supply section needs to be re-measured and recorded  Speed:  Pump & valve make:  Serial Number:	ted Speed m/s	c) Platform Area	
Volts supply:  Max Amps:  A  Power rating:  KW  Speed:  Tpm  V  (during construction) Temporary:  If temporary -the power supply section needs to be re-measured and recorded  Speed:  Serial Number:	ctrical Power supply:	Electrical supply :	Permanent:
Max Amps:  A Power rating:  Speed:  Rump & valve make:  A If temporary -the power supply section needs to be re-measured and recorded  Serial Number:	Volts supply:	(during construction	
Power rating: kW If temporary -the power supply section needs to be re-measured and recorded  Speed: rpm  Pump & valve make: Serial Number:		toning construction	,
Speed: rpm  Pump & valve make: Serial Number:		If femorary she nower supply section needs to	o be re-measured and recorded
Pump & valve make: Serial Number:		in composer y time porter supply social fields in	55.5 Illogodi od dila locoldod
	тріі		
	Day of the contract of the con		
RCD device: Farth continuity	Pump & valve make:	Serial Number:	
	RCD device:	Earth continuity:	

Car Loading: Empty: Rated: Journey time: (Total			V	A
Journey time: (Total			<b>V</b>	
Journey time: (10tal	trough up with full !	o TD1	Manual lowering speed:	m/s  Trip time: s.
	travel up with full i	o s. TR1	seturig.	s. Trip time: s.
Motor protection se	ettings:			
Stall current:	A. Trip t	ime: s.	Overload setting:	A.
Rapture valve opera	ation:			
Rupture valve adjust			mm.	
Safety gear operation	Name of the Party			
Distance travelled up			mm.	
Distance travelled up	on operation .			
X2 pressure:	kPa			
Static pressure:				
Empty:	kPa			
Rated:	kPa			
Presure switch:	kPa			
Relief Valve:	kPa	Secured from unauthori	zed interference	
Pipework:				
Oil level with lift at top	o floor :			
Anti-creep operation t	Iuli load.			
Overtravels:			Floor level deviation:	
Top O/T:	mm.		Full Load +-:	mm.
Top U/L:	mm.		No Load +-:	mm.
Bottom O/T:	mm.		Clean ram:	mm.
Contacts and circuit	to.			
Limits:		ite limit latching:	Car stop switch:	
- L		to mint storing.		
Pit stop switch:				
Pit prop switch:		Landing locks:	Safety gear switch:	
Anti-creep				No. 20. 00.000 (0.000)
Pit prop switch:		Landing locks:	Safety gear switch:	
ndicators:				
Alarm:		Remote alarm:	Key switches:	
Key number/s				
SANS approved type	e test marks:			
Car:	Tool Hulko.	Locks:	Buffers:	
		21 20		Laurence and the second
Rapture valve:		Safety gear:		
anding door type:				
Fire rated:				

Travel:m Number of levels served:	ń			
Test complete:  Yes				
Yes No Hidwest  Vas No Hems:    Contract electrical supply:	Manufacturer:			4.00
HOVER:  Yes No	Test complete:			
Ves No	Yes			
Contract electrical supply.  Contract electrical supply.  ITravet:    m	H/Over:			
Contract electrical supply.  V Phase:				
Travel:	Items:			
Travel:				
Examination and test  ### No	Contract electrical supply:	V Phase:		Hz
Examination and test  a Is all metal work that encloses live electrical conductors bonded to the main earthing terminal by protective conductors?  It is all metal work that encloses live electrical conductors?  Yes No Document of the earth protective path exceed 0.1/\(\Omega\)?  Yes No Document of the earth protective path exceed 0.1/\(\Omega\)?  Insulation resistance to earth  B. Power circuits M/\(\Omega\)  B. Safety circuits M/\(\Omega\)  B. Safety circuits M/\(\Omega\)  B. Control circuit voltage, at full load V  C. Key wiring diagram numbers  d. Motor data plate details PH/ V/ A  B. What is the actual running current with full load?  A. Type of motor overload?  Sensitive edges	Travel:	m Number of levels served:		
Examination and test Earthing arrangements  a. is all metal work that encloses live electrical conductors bonded to the main earthing terminal by protective conductors?  Tes No b. is the platform bonded to earth by a separate protective conductor?  Tes No Insulation resistance of the earth protective path exceed 0,1//Ω?  Insulation resistance to earth  a. Power circuits M//Ω  b. Safety circuits M//Ω  Electrical tests:  a. Main voltage, at time of test V  b. Control circuit voltage, at full load V  c. Key wiring diagram numbers  d. Motor data plate details PH V/ A  e. What is the actual running current with full load?  A. Type of motor overload?				 
Earthing arrangements a. is all metal work that encloses live electrical conductors bonded to the main earthing terminal by protective conductors? b. is the platform bonded to earth by a separate protective conductor? c. Does the resistance of the earth protective path exceed 0,1/\(\Omega\)?  Insulation resistance to earth a. Power circuits  M/\(\Omega\) b. Safety circuits  M/\(\Omega\)  Electrical tests: a. Main voltage, at time of test  V. D. Control circuit voltage, at full load  V. E. Key wiring diagram numbers d. Motor data plate details  PH/ V/ A  e. What is the actual running current with full load?  A. Type of motor overload?  Sensitive edges	Rated load:	kg Rated speed:		jm/s
to the main earthing terminal by protective conductors?  b. Is the platform bonded to earth by a separate protective conductor?  c. Does the resistance of the earth protective path exceed 0,1/\(\Omega\)?  Insulation resistance to earth  a. Power circuits  M/\(\Omega\)  b. Safety circuits  M/\(\Omega\)  Electrical tests:  a. Main voltage, at time of test  V  b. Control circuit voltage, at full load  V  c. Key wiring diagram numbers  d. Motor data plate details  PH/ V/ A  e. What is the actual running current with full load?  A  I. Type of motor overload?	Examination and test Earthing arrangements			
b. Is the platform bonded to earth by a separate protective conductor?  C. Does the resistance of the earth protective path exceed 0,1/\(\Omega\)?  Insulation resistance to earth  a. Power circuits  M/\(\Omega\)  b. Safety circuits  M/\(\Omega\)  Electrical tests:  a. Main voltage, at time of test  V  b. Control circuit voltage, at full load  V  c. Key wiring diagram numbers  d. Motor data plate details  PH/ V/ A  Electrical rests:  A. Motor data plate details  A. Motor data	a. Is all metal work that encloses	live electrical conductors bonded	Yes	No
Insulation resistance to earth a. Power circuits M/D b. Safety circuits M/D  Electrical tests: a. Main voltage, at time of test V b. Control circuit voltage, at full load V c. Key wiring diagram numbers d. Motor data plate details PH/ V/ A  e. What is the actual running current with full load? A  I. Type of motor overload?  Sensitive edges			Yes	No
a. Power circuits	c. Does the resistance of the eart	h protective path exceed 0,1/Ω?	Yes	No
b. Safety circuits M/D  Electrical tests:  a. Main voltage, at time of test V  b. Control circuit voltage, at full load V  c. Key wiring diagram numbers  d. Motor data plate details PH/ V/ A  e. What is the actual running current with full load?  A. Type of motor overload?	Insulation resistance to earth			
Electrical tests:  a. Main voltage, at time of test  b. Control circuit voltage, at full load  v.  c. Key wiring diagram numbers  d. Motor data plate details  PH////  W///  A  e. What is the actual running current with full load?  A  Sensitive edges	a. Power circuits	Μ/Ω		
Electrical tests:  a. Main voltage, at time of test  b. Control circuit voltage, at full load  c. Key wiring diagram numbers  d. Motor data plate details  PH/ V/ A  e. What is the actual running current with full load?  A. Type of motor overload?  Sensitive edges	b. Safety circuits	Μ/Ω		
a. Main voltage, at time of test  b. Control circuit voltage, at full load  v.  c. Key wiring diagram numbers  d. Motor data plate details  PH/ V/ A  e. What is the actual running current with full load?  A  Sensitive edges	12 1004 Mag 11			
b. Control circuit voltage, at full load  v. c. Key wiring diagram numbers  d. Motor data plate details  PH/ V/ A  e. What is the actual running current with full load?  A. Type of motor overload?  Sensitive edges				
c. Key wiring diagram numbers  d. Motor data plate details  PHI VI A  e. What is the actual running current with full load?  A  f. Type of motor overload?  Sensitive edges	a. Main voltage, at time of test	v		
d. Motor data plate details  PH/ V/ A  B. What is the actual running current with full load?  A. Type of motor overload?  Sensitive edges	b. Control circuit voltage, at full lo	adv		
d. Motor data plate details  PH/ V/ A  B. What is the actual running current with full load?  A. Type of motor overload?  Sensitive edges				
e. What is the actual running current with full load?  A Type of motor overload?  Sensitive edges	c. Key wiring diagram numbers			
Type of motor overload? Sensitive edges		PH/ V/ A		
Type of motor overload? Sensitive edges	d. Motor data plate details			
Sensitive edges				
		ent with full load?		
	e. What is the actual running curre	ent with full load?		
	e. What is the actual running curre	ent with full load?		

b. Does the platform sensitive edge prevent upward movement of the lift when operated on all three sides of the platform?	Yes		No	
Isolation keyswitch				
Does the isolation keyswitch disable the lift?	Yes		No	
b. Do the landing isolation keyswitches disable the adjacent call button?	Yes		No	
Levelling accuracy_		· · · · · · · · · · · · · · · · · · ·		
a. With the rated load on the platform, does it level to within $\pm$ 1 mm of the landings served?	Yes		No	
Liftway protection				
a. Is the liftway protection recommended in adequate?	Yes		No	
b. Is a stop switch provided in the pit and on the carriage?	Yes		No	
c. Do the stop switches prevent movement of the car when operated?	Yes		No	
Doors and Interlocks				
a. Are all enclosure doors/gates fitted with interlocks?	Yes		No	
b. Do the interlocks operate correctly?	Yes		No	
c. With the platform between floors (out-of-door zones), are the doors/gates prevented from opening via the normal platform and landing controls?	Yes		No	
d. With any door of the lift open, will the lift travel in either direction?	Yes		No	
Clearances			A STATE OF THE STA	
a. Are the liftway clearances as recommended in ?	Yes		No	
Notices				***************************************
a. Is the "emergency lowering" notice fitted to the hydraulic pump unit?	Yes		No	
b. Is the correct load plate fitted on the platform?	Yes		No	
c. Is the "electrical" warning notice fitted to the controller cabinet door?	Yes		No	
d. Is the notice fitted to the switch fuse box "Switch off only when the platform is at the lowest level"?	Yes		No	
e. Is the emergency release label fitted to both manual door locks?	Yes		No	
Isolation keyswitch				
a. Is the manually operated scotching device available?	Yes		No	
b. If so, does the device operate correctly?	Yes		No	
Emergency back-up supply				
a. Does the battery back-up supply lower the lift and unlock the door?		Yes	No [	
b. Is the platform alarm operational?		Yes	No [	
Limit switches				
a. Do the terminal stopping switches stop the lifting platform at terminal levels?		Yes	No _	
b. Does the ultimate limit switch stop the lifting platform when operated?		Yes	No _	
c. State the overtravel of the platform when the ultimate limit switch is operated.		Yes	No [	
Hydraulic drive unit tests				
a. With rated load in the car and at highest floor level, state the static hydraulic fluid pressure:		Yes	] No [	
b. Provide the following details of the pump unit (as stated on data plate):		Yes	No	

	(2) Serial or reference number:							
	(3) Type:	Motor/screw pump						
	c. Measure and record the following I	normal running operational	data:					
	Platform loading condition		Journey time	Lift speed				
	Empty, down	(see note) kPa	S	m/s				
	Empty, up							
	Rated, down							
	NOTE : Take pressure reading	ngs between check valve o	r down direction valve and th	e supply line to the ram.				
	d. Is the motor run timer set at the lor	ngest upward journey time	+ 10 s?		Yes		No	
	e. What is the recorded trip time?							
	f. What is the setting of the lift pause	timer (PT)?						
	g. What is the pressure at which the r	relief valve operates (5 500	kPa nominal)?					
	h. Is the integrity of the pipework acce	eptable?			Yes		No	
	i. Is the relief valve secured against u	nauthorized interference?			Yes		No	
	j. Does the rupture valve stop the lift v	when the platform is empty	7		Yes		No	
	k. Does the manual lowering valve fur speed not exceeding 0,15 m/s?	nction correctly and lower t	he car at a slow		Yes		No	
	When held stationary over a period level, does the platform creep more				Yes		No	
1	m. Does the anti-creep device operate	e at the upper landing leve	?		Yes		No	
-	n. Does the cabin overload device op-	erate when the maximum le	pad is exceeded by 75 kg?		Yes		No	
cli	usions							
)	Is the lift installation complete?							
)	Does this installation comply with	all relevant Regulations	and Standards?					
,	Dood time metamenen compi, min							
		is document wasNo, the						
	If the answer to any question in th	d in the space provided	Delow.					
	If the answer to any question in the it must be explained / substantiate	ed in the space provided	below.					
		ed in the space provided	below.					
		ed in the space provided	below.					
		ed in the space provided	Delow.					
		ed in the space provided	below.					
	it must be explained / substantiate			registered increaster				
				egistered inspector.				
Dec	it must be explained / substantiate		Overseeing SANAS					
Dec	it must be explained / substantiate		Overseeing SANAS	egistered inspector.				
Dec	claration of Registered ECS	SA lift inspector &	Overseeing SANAS					
Dec	it must be explained / substantiate	SA lift inspector &	Overseeing SANAS					
Dec	claration of Registered ECS	SA lift inspector &	Overseeing SANAS in the equipment wa			Date of ins	pection:	
lectify to	claration of Registered ECS	SA lift inspector &	Overseeing SANAS in the equipment wa			Date of ins	pection:	
Dec	claration of Registered ECS	SA lift inspector &	Overseeing SANAS in the equipment wa			Date of ins	pection:	
Dec	claration of Registered ECS	SA lift inspector &	Overseeing SANAS in the equipment wa			Date of ins	pection:	
Dec	claration of Registered EC: that on nce with SANS 50081-41 red Lift Inspector @ ECSA registra	SA lift inspector &	Overseeing SANAS in the equipment wa			Date of ins	pection:	
Dec	claration of Registered ECS that on nce with SANS 50081-41 red Lift Inspector @ ECSA registra Name in Block Letters :	SA lift inspector &	Overseeing SANAS in the equipment wa			Date of ins	pection:	
olectify tridainster	claration of Registered ECS that on nce with SANS 50081-41 red Lift Inspector @ ECSA registra Name in Block Letters :	SA lift inspector &	Overseeing SANAS in the equipment wa			Date of ins	pection:	
olectify tridainster	claration of Registered ECS that on nce with SANS 50081-41 red Lift Inspector @ ECSA registra Name in Block Letters :	SA lift inspector &	Overseeing SANAS in the equipment wa			Date of ins	pection:	

who conducted the installation				
			5	
Qualifications of installer				
no Destantian of Occasional	- CANAR variator	d lift inapastar		
20 Declaration of Overseein				
certify that on	t	e installation was checked/overseen and ver	fied by my self	
Registered Lift Inspector @ ECSA r	egistration Number			
Registered SANAS inspection body	Number			
Name in Block Letters :	Signature:		Date o	issue:

Comp Keg. No:	Report R	RE B (normative) eference Number JOB NO:			Department of Employment LEPC ISP:	& Labo
	OMPREHENSIVE REPO	RT FOR V	ertical Li	ft Platfo	orm	
Report for New In	stallations, Modifications, Po	eriodic Inspe	ction and	Testing o	f Vertical Platform Lift	
Inspection Service Provider details: Physical Address:	SANAS registratic Postal Address:	on number:			Telephone: E-Mail: Web:	
NOTE: Statement and replies to the releva and deemed to be an actionable item.	nt questions should be noted in the a	ppropriate box. I	Where "YES" O	R "NO" is in	dicated; the appropriate box shall	l be tick
1. User and Premises information:						
<b>1.1</b> User						
1.2 Name and address of premises						
2. Lift Data						
2.1 Name of manufacturer	2.	9 Official Iden	tification			
2.2 Name of installation company	2.	10 Serial numl	ber			
2.3 Year of Installation	2.	11 Unit Identif	fication (e.g A	or B)		
2.4 Installed to S.A.N.S standard	2.	12 Functional	location			
2.5 Year of modification	2.	13 Rated Load	& Persons			
2.6 Modification installation company	2.	14 Rated Spee	d			
2.7 Equipment modified		15 Date of Pre		t		
2.8 Maintenance service Provider		16 Type of Pre				
3 Condition of Lift						
3.1 Were the following parts of the I compliant and in good working orde		safe, YES	NO		Test result	
a) Emergency light, alarm & intercom system (	f applicable)					-
b) Landing doors & car door: closing effort, kin	The state of the s				107-117-117-117-117-117-117-117-117-117-	
) Landing doors & car door: Locks & interlocki	And the second s	)				
d) Safety circuit (e.g Over-running devices (Fina	l limit switch), E-stops)					
e) Overspeed governor & safety gear system ?						
) Brakes and traction ? (Including dynamic bre	aking if applicable)					
g) Load test with weights every 48 months cycl	es					
n) Lighting level - Access, machine room compa	rtment, shaft, pit & lift car?					
) Emergency release operation?						
3.2 Were the following parts of the licompliant and in good working order		e safe,	NO		Inspection condition / result	
a) All required Annex documents, phone plates	, drawings, certificates & signage are pres	ent in the				
b) Landing & car door: frames, railings, panels,	sills, shoes, closing devices & surrounds					
c) Enclosure of machine compartment, lift well	& car?					
d) Car & counterweight: guides, foxing, shoes,	rollers, buffers ?					
e) Car floor to landing floor levels?						

resent, the hydraulic condition of jack and piping			
er parts?	ad dafaata fad a		
All non-conformances of measurement, conditions or adjustments ar	nd defects found are	substantiate	ed and recorded in section 5.
ocumentation			
	YES	NO	Refer to item 5 Non conrfomances
Are all relevant records in place in accordance with lift, escalator			
and passenger conveyor regulations?			
s the commissioning document complete and present in the machinery			
compartment			
on-conformances of regulatory requirements, non-conformance		llaa'-	
5.2 The following items shall be attended to within a specified prectified within 60 days render this report invalid and shall be	eriod not exceedin e reported by the i	g item 60 da inspection se	ys. Items Listed (below) that are no ervice provider as required.
5.2 The following items shall be attended to within a specified prectified within 60 days render this report invalid and shall be	eriod not exceedin e reported by the i	g item 60 da inspection se	ys. Items Listed (below) that are no ervice provider as required.
5.2 The following items shall be attended to within a specified prectified within 60 days render this report invalid and shall be	eriod not exceedin e reported by the i	g item 60 da inspection se	ys. Items Listed (below) that are no ervice provider as required.
5.2 The following items shall be attended to within a specified prectified within 60 days render this report invalid and shall be	eriod not exceedin e reported by the i	g item 60 da inspection se	ys. Items Listed (below) that are no ervice provider as required.
5.2 The following items shall be attended to within a specified prectified within 60 days render this report invalid and shall be	eriod not exceedin e reported by the i	g item 60 da	ys. Items Listed (below) that are no ervice provider as required.
5.2 The following items shall be attended to within a specified prectified within 60 days render this report invalid and shall be	eriod not exceedin e reported by the i	g item 60 da	ys. Items Listed (below) that are no ervice provider as required.
5.2 The following items shall be attended to within a specified prectified within 60 days render this report invalid and shall be	eriod not exceedin e reported by the i	g item 60 da	ys. Items Listed (below) that are no ervice provider as required.
5.2 The following items shall be attended to within a specified prectified within 60 days render this report invalid and shall be	eriod not exceedin e reported by the i	g item 60 da	ys. Items Listed (below) that are no ervice provider as required.
5.2 The following items shall be attended to within a specified prectified within 60 days render this report invalid and shall be	eriod not exceedin e reported by the i	g item 60 da	ys. Items Listed (below) that are no ervice provider as required.

Registration Category  Physical address:  Postal Address:  Name of Registered Lift Inspector:  Contact Telephone Number	ECSA Registration Number:	Signature
Postal Address:  Name of Registered Lift Inspector:		Signature
Name of Registered Lift Inspector:		
Contact Telephone Number		
echnical Signatory:		Signature
Name of Technical Signatory:		Signature
Registration Category: ECSA Registration Number: Date: (yyyy-mm-dd)		
Verification of clause 5	Name of Registered Lift Inspector	Signature
,certify that on thedaymonthyear verified and onfirm the completion of all iterms raised in clause 5 to my satisfaction. This eport/certificate is valid for a period of 24 months from the date of issue, provided that this section is stamped and signed.		



#### Annexure A

Doc No

OCCUPATIONAL HEALTH AND SAFETY ACT 85 OF 1993

LIFT, ESCALATOR AND PASSENGER CONVEYOR REGULATIONS

ALL TESTS IN ACCORDANCE WITH SANS 50081-20

SANS 50081-50 & SANS 50081-31

Commissioning Report for Passenger and Goods Access Only Lifts

NOTE: Statements and replies to all relevant questions should be annotated in the appropriate boxes. Where multiple

Description of Installation	Date				
Name of User (Owner / User):	Equipment Manufacturer name  Country of manufacture				
Building Name:	and factory address				
Building Address:	Sold & Installed by (Vendor)  State if this Annexure is applicable to New building, full replacement upgrade/modification (extend)				
Length of travel Meters	Official Installation number:				
	Vendor Identification No:				
No. of levels served: Front	Functional name and/or location:				
Rear	Lift Type:				
Main Floor:	Traction Drive Positive Drive				
(e.g., B2, B1, G, 1, 2, 3)	Hydraulic Worm				
Lift Car Load / Speed	Lift Car Dimensions				
Rated load Kg	a) Internal width (wall-to-wall) mn				
Number of persons:	b) Internal depth ( front return to rear wall) mn				
Rated Speed m/s	c) Car Area -Refere to 5.4.2.3.1 Table 8 0 m²				
Shaft enclosure					
a) Enclosed b) Semi enclosed	c) Open d) Glazed				
Machine Room / Compartment - Location					
a) Above well: b) Below well:	c) at side: d) No machine room: (MRL)				
Electrical Power supply:	Electrical supply : Permanent:				
Volts supply V	(during construction) Temporary:				
Amps rating of C/B	If temporary -the power supply section needs to be re-measured and recorded accordingly				

Type of supply:			Have the correct	circuit breakers / fuses bee	n fitted ?		
3 phase + E	3 phase+N+E		Yes		No		
Sing	gle Phase + E		Lock out a	nd tag out possible			
			Supply ma	rked where power is fed fro	m		
Have the correct circuit br	eakers / fuses been fitte No	ed?	Main circui	tbreaker/isolator within arm	's reach		
. Suspension means	( Ropes, Belts, Ch	ains, Screw, Hydrau	ılic)	Governor Rope/s			
) Type of suspension				a) Nominal diame	eter		mm
) Number:	c) Nominal di	ameter / width :	m	m b) Lay and constr	uction		
) lay and construction :				c) Certificate/s in	order	Yes	
e) Certificate present & in or	der Yes	No				No	
.1 Suspension							
) Are the suspension anch	norages in accordance	with relevant SANS stand	lard		Yes	No	
) are the grips & springs c	orrectly fitted if present	?			Yes	No	
) Is compensation provided yes, in accordance with re		Yes	No	o [	Туре		
.2 Flat belt suspension:							
) Monitoring system provide	ed	Yes	No	o	Туре		
. Over speed govern	or/s						
.1 Has the governor been o	certified as complying w	vith 5.4 of SANS 50081 -	50		Yes	No	
.2 Is the data plate in acco	rdance with 5.6.2.2.1.8	of SANS 50081 - 20			Yes	No	
.3 Is the governor sealed?					Yes	No	
4 Over speed governor ro		-4.00410.50004.00					
Does the governor rope of	5 8801 88				Yes	No	
.5 Are there safe means of accordance with 5.6.2.2.1.		governor			Yes	No	
.6 Car governor Complete the following:							
Governor Type:			b) Serial No	:			
State if the Governor syste	em is SANS50081-20 c	ompliant or by means of a	an directive?				
Can the Governor safely b	e tested for operation a	as per SANS 50081-20					
		Tripping	g Speed		Des	e it ons-	ato
Device			Measured			s it oper fectively	
	Marked	Car, up		Car, down	Yes		No
lectrical		цр	m/s	m/s			
			1172,3655				

Mechanical	m/s	m/s	m/s		
b) State how the car governor	r was tested at the installati	on:	1		
c) Over speed governor rope State the nominal diameter of		governor.			mm
3.7 Counterweight governor Complete the following:	(if fitted)				
a) governor type:		b) and d	No.		
a) governor type.		b) serial	No.:		
		Tripping Speed		Does	it operate
Device		Measured		effe	ctively?
	Marked	Counterweight, up	Counterweight, down	Yes	No
Electrical		m/s	m/s		
Mechanical	m/s		m/s		
b) State how the counter weigh	t governor was tested at the	e installation:			
4. Safety Gear					
a) Has the safety gear been ce SANS 50081-50	ertified as complying with			Yes	No
b) If the answer to 4(a) is YES ndicate, in positive terms, whet with the criteria for type test cer	ther the safety gear complie	es		Yes	No
c) Are all the Safety Gears adju	ustable parts sealed?			Yes	No
he ropes slip or become slack. A.1.1 Progressive safety gear	•	ired load uniformly distributed over the car ar			
1.1.1.1 Does the safety gear on n accordance with 6.3.4 of SAN				Yes	No
1.1.1.2 Is the car floor horizontal after the safety gear tes		5% from the horizontal	**	Yes	No
J.1.2 Instantaneous safety ge 4.1.2.1 Does the safety gear op a accordance with 6.3.4 of SAN	erate correctly?		j	Yes	No
1.1.2.2 Is the car floor horizonta after the safety gear tes	김 - []	5% from the horizontal	2	res	No
I.2 Counterweight safety gea NOTE: The test shall be made while the		d with the car empty until the ropes slip or be	come slack.	HIII.	

4.2.1 Progressive safety gear				
4.2.1.1 Does the safety gear operate correctly ? in accordance with 6.3.5 of SANS50081-20	Y	es	No	
4.2.2 Instantaneous safety gear				
4.2.2.1 Does the safety gear operate correctly ? in accordance with 6.3.5 of SANS50081-20	Y	es	No	
4.3 Ascending car over speed protection for geared machines				
a) State the speed monitoring means in accordance with 5.6.6.10.of SANS 50081-20: 20xx				
b) State the speed reducing device (e.g Rope gripper, double acting safety gear Etc. )			8	
Has the ascending car over speed protection means been certified as complying with 5.7 of SANS 50081 - 50	Y	es	No	
4.3.2 Does the ascending car over speed protection means operate in accordance with 5.6.6 of SANS 50081 - 20	Y	es	No	
4.4 Unintended car movement				
Has the lift been provided with a means to prevent or stop the car from movin in accordance with 5.6.7 of SANS 50081 - 20	g away from the landings ?	es	No	
b) Describe the device provided to prevent or stop the car to move away from the	e landings			_
c) Does the unintended car movement device operate in accordance with 5.6.7 of SANS 50081 -20	Yı	es	No	
d) If applicable, was the Dynamic braking tested and found to be working?	Ye	es	No	
5. Buffers				
5.1 Energy dissipation buffers (e.g. oil) 5.1.1 Have the buffers been filled to the correct levels?	V		No.	7
a page of the second se	Ye	S	No	_
5.1.2 Have the buffers been certified as complying with 5.5.4 of SANS 50081 -50	Ye	s	No	
5.1.3 If YES, do the data plates indicate, in positive terms, whether the buffers comply with the criteria for type test certification?	Ye	s	No	
5.1.4 If NO, are they suitable for testing in accordance with item 5.2 below?	Ye	s	No	
5.1.5 Is the total possible stroke of each buffer in accordance with 5.8.2.2 of SANS 50081 -20	Ye	s	No	
5.1.6 a) Is there reduced stroke buffering?	Ye	s	No	
5.1.6 b) If the answer in 5.1.6 a) is "Yes" does it comply with 5.8.2.2 of SANS 5008	1-20 Ye	s	No	1
5.2 Buffer Tests				
5.2.1 Energy accumulation buffers				
Note: Type of energy accumulating buffers	Spr	ing	Rubber	
a) when the car with rated load and the counter weight was brought into contact with buffers, was the operation satisfactory?	the Ye	S	No	
b) do the buffers comply with applicable SANS standard	Ye	s	No	

5.2.2	Energy dissipation type (e.g. oil)		Yes		No	
buf	en the car with rated load and the counter weight was brought into contact with the fers at rated speed, or at a speed for which the stroke of the buffers has been culated, was the operation satisfactory?		Yes		No	
b) do	the buffers recover automatically after operation?		Yes		No	
c) Is t	the car interior in place after the buffer test ?		Yes		No	
	s it been ascertained, after the test, that no deteriation has occured which could sley affect the normal use of the lift? Visual check is considered to be sufficient		Yes		No	
5.2.3	Buffer to impact plate		Yes		No	
a) Car	impact plate to top of buffer distance			mm	Strok	kemm
b) Cou	interweight impact plate to top of buffer distance			mm	Strok	kemm
6.1 D	rake / Traction Test ones the brake sustain the static car, in the lower part of its avel, at the rated load plus 25%? ones the brake stop the machine when the car travels downward at rated		Yes		No	
st	peed and with rated load plus 25%?		Yes		No	
6.3 D	oes the car stop under emergency conditions,			No.		-
a)	with the car empty when travelling upwards at the rated speed?		Yes		No	
	with the rated load plus 25% when travelling downwards in the lower It of the well at the rated speed?		Yes		No	
	Vith the counterweight resting on its compressed buffers, is it inpossible for the empty car to be raised under power?		Yes		No	
7 1:	hting - Illuminance					
7.1 Li	ghting in well	adings?				
7.1 Li		adings? Measured		Comp	ly	
7.1 Li	ghting in well		Yes	Comp	ly No	
7.1 Light	ghting in well well provided with permanently install lights complying with the following lux re at least 50 lux 1,0 m above the car roof everywhere at least 50 lux 1,0 m above the pit floor everywhere	Measured lux	Yes Yes	Comp	No No	
7.1 Light Is the	ghting in well well provided with permanently install lights complying with the following lux re at least 50 lux 1,0 m above the car roof everywhere	Measured lux		Comp	No	
7.1 Lights the a) b) c)	at least 50 lux 1,0 m above the pit floor everywhere  at least 20 lux outside the locations defined	Measured lux	Yes	Comp	No No	
7.1 Lights the a) b) c)	at least 50 lux 1,0 m above the car roof everywhere at least 50 lux 1,0 m above the pit floor everywhere at least 20 lux outside the locations defined in a) and b)	Measured lux	Yes	Comp	No No	
7.1 Light she a) b) c) 7.2 M. a)	at least 50 lux 1,0 m above the car roof everywhere  at least 50 lux 1,0 m above the pit floor everywhere  at least 20 lux outside the locations defined in a) and b)  achinery Spaces and pulley rooms  at least 300 lux measured at the working plaine OHS Act 1993: Environmental Regulations for Workplaces for Lifts	Measured lux	Yes Yes	Comp	No No No	
7.1 Listher a) b) c) 7.2 Ma a) b)	at least 50 lux 1,0 m above the car roof everywhere  at least 50 lux 1,0 m above the pit floor everywhere  at least 20 lux outside the locations defined in a) and b)  achinery Spaces and pulley rooms  at least 300 lux measured at the working plaine OHS Act 1993: Environmental Regulations for Workplaces for Lifts at least 50 lux at floor level to move between working areas	Measured lux	Yes Yes Yes	Compi	No No No	
7.1 Light she a) b) c) 7.2 M. a)	at least 50 lux 1,0 m above the car roof everywhere  at least 50 lux 1,0 m above the pit floor everywhere  at least 20 lux outside the locations defined in a) and b)  achinery Spaces and pulley rooms  at least 300 lux measured at the working plaine OHS Act 1993: Environmental Regulations for Workplaces for Lifts	Measured lux	Yes Yes	Comp	No No No No	
7.1 Listher a) b) c) 7.2 Ma a) b)	at least 50 lux 1,0 m above the car roof everywhere  at least 50 lux 1,0 m above the pit floor everywhere  at least 20 lux outside the locations defined in a) and b)  achinery Spaces and pulley rooms  at least 300 lux measured at the working plaine OHS Act 1993: Environmental Regulations for Workplaces for Lifts at least 50 lux at floor level to move between working areas	Measured lux	Yes Yes Yes	Comp	No No No	
7.1 Light list the li	at least 50 lux 1,0 m above the car roof everywhere  at least 50 lux 1,0 m above the pit floor everywhere  at least 20 lux outside the locations defined in a) and b)  achinery Spaces and pulley rooms  at least 300 lux measured at the working plaine OHS Act 1993: Environmental Regulations for Workplaces for Lifts at least 50 lux at floor level to move between working areas  at least 50 lux for access ways to machinery spaces and pulley rooms	Measured lux	Yes Yes Yes Yes	Comp	No No No No	
7.1 Light list the a) b) c) 7.2 M. a) b) c) d)	at least 50 lux 1,0 m above the car roof everywhere at least 50 lux 1,0 m above the pit floor everywhere at least 50 lux 0,0 m above the pit floor everywhere at least 20 lux outside the locations defined in a) and b) achinery Spaces and pulley rooms at least 300 lux measured at the working plaine OHS Act 1993: Environmental Regulations for Workplaces for Lifts at least 50 lux at floor level to move between working areas at least 50 lux for access ways to machinery spaces and pulley rooms at least 200 lux at machinery cabinet (panels) measured at the devices	Measured lux	Yes Yes Yes Yes	Comp	No No No No	
7.1 Listher a) b) c) 7.2 Ma b) c) d) 7.3 La a)	at least 50 lux 1,0 m above the car roof everywhere at least 50 lux 1,0 m above the pit floor everywhere at least 20 lux outside the locations defined in a) and b) achinery Spaces and pulley rooms at least 300 lux measured at the working plaine OHS Act 1993: Environmental Regulations for Workplaces for Lifts at least 50 lux at floor level to move between working areas at least 50 lux for access ways to machinery spaces and pulley rooms at least 200 lux at machinery cabinet (panels) measured at the devices andings at least 75 lux at floor level in vicinity of landing doors	Measured lux	Yes Yes Yes Yes Yes Yes	Comp	No No No No No	
7.1 Listher a) b) c) 7.2 Ma b) c) d) 7.3 La a)	at least 50 lux 1,0 m above the car roof everywhere at least 50 lux 1,0 m above the pit floor everywhere at least 20 lux outside the locations defined in a) and b) achinery Spaces and pulley rooms at least 300 lux measured at the working plaine OHS Act 1993: Environmental Regulations for Workplaces for Lifts at least 50 lux at floor level to move between working areas at least 50 lux for access ways to machinery spaces and pulley rooms at least 200 lux at machinery cabinet (panels) measured at the devices andings at least 75 lux at floor level in vicinity of landing doors OHS Act 1993: Environmental Regulations for Passages & lobbies	Measured lux	Yes Yes Yes Yes Yes Yes	Comp	No No No No No	
7.1 Listhe  a) b) c) 7.2 M. a) b) c) 7.3 La a) 7.4 Li	at least 50 lux 1,0 m above the car roof everywhere at least 50 lux 1,0 m above the pit floor everywhere at least 50 lux 1,0 m above the pit floor everywhere at least 20 lux outside the locations defined in a) and b) achinery Spaces and pulley rooms at least 300 lux measured at the working plaine OHS Act 1993: Environmental Regulations for Workplaces for Lifts at least 50 lux at floor level to move between working areas at least 50 lux for access ways to machinery spaces and pulley rooms at least 200 lux at machinery cabinet (panels) measured at the devices andings at least 75 lux at floor level in vicinity of landing doors OHS Act 1993: Environmental Regulations for Passages & lobbies ft Car	Measured lux	Yes Yes Yes Yes Yes Yes Yes	Comp	No No No No No No	
7.1 Listhe  a) b) c) 7.2 M. a) b) c) 7.3 La a) 7.4 Li	at least 50 lux 1,0 m above the car roof everywhere at least 50 lux 1,0 m above the pit floor everywhere at least 50 lux 1,0 m above the pit floor everywhere at least 20 lux outside the locations defined in a) and b) achinery Spaces and pulley rooms at least 300 lux measured at the working plaine OHS Act 1993: Environmental Regulations for Workplaces for Lifts at least 50 lux at floor level to move between working areas at least 50 lux for access ways to machinery spaces and pulley rooms at least 200 lux at machinery cabinet (panels) measured at the devices andings at least 75 lux at floor level in vicinity of landing doors OHS Act 1993: Environmental Regulations for Passages & lobbies ft Car	Measured lux	Yes Yes Yes Yes Yes Yes Yes	Comp	No No No No No No	

100				
b) at least two (2) lamps connected in parallel	Yes		No	
c) emergency light in car at least 5 lux for one(1) Hour automatically rechargeable	Yes		No	
d) emergency light on top of car at least 5 lux for one(1) Hour automatically rechargeable	Yes		No	
d) All Lighting protected against mechanical damage	Yes		No	
8. Clearances and run-bys				
8.1 Will the car and counterweight clear all obstacles when driven at slow speed?				
a) with the car and the rated load compressing the car buffers?	Yes		No	
b) with the car empty and the counterweight compressing its buffers?	Yes		No	
8.2 What is the distance to the first striking point above the car with the counterweight on the compressed buffer? Noting buffer distances noted under section 5				mm
Does this comply with relevant SANS standard	Yes		No	
8.3 a) Traction drives - What is the estimated distance to the first striking point above the counterweight with the car on the compressed buffers?				mm
8.3 b) Positive drives - What is the distance to the first striking point above the car when the car hit the top buffers? (Must have top of car buffer)				mm
8.4 With the car on its fully compressed buffers, is there sufficient space to accommodate the rectangular block specified in 5.2.6.4.4 of SANS 50081 -20 and a space of at least 0,5 m between the bottom of the pit and the lowest point of the car?	Yes		No	
9. Landing doors and surrounds				
9.1 Glass doors/ Glass Car panels / Glass Well enclosure				
9.1.1 Do the glass landing / car door comply with 5.3.5.3.4 of SANS 50081-20	Yes	9.000000100		
	163		No	
9.1.2 Do the glass panels of the car comply with 5.4.3.2.3 of SANS 50081-20: 20 xx	Yes		No No	
9.1.2 Do the glass panels of the car comply with 5.4.3.2.3 of SANS 50081-20: 20 xx If 9.1.1 and or 9.1.2 is no then The glass panels for landing doors, car doors, car walls and walls of the well shall be tested and a test report submitted in accordance with 5.3.5.3.2 of SANS 50081-20				
If 9.1.1 and or 9.1.2 is no then The glass panels for landing doors, car doors, car walls and walls of the well shall be tested and a test report submitted in accordance with	Yes		No	
If 9.1.1 and or 9.1.2 is no then The glass panels for landing doors, car doors, car walls and walls of the well shall be tested and a test report submitted in accordance with 5.3.5.3.2 of SANS 50081-20 9.1.3 Do the glass door panels avoid the dragging of children hands on automatic power operated	Yes		No No	
If 9.1.1 and or 9.1.2 is no then The glass panels for landing doors, car doors, car walls and walls of the well shall be tested and a test report submitted in accordance with 5.3.5.3.2 of SANS 50081-20  9.1.3 Do the glass door panels avoid the dragging of children hands on automatic power operated sliding doors as stated in 5.3.6.2.1 (i) of SANS 50081-20	Yes Yes		No No	
If 9.1.1 and or 9.1.2 is no then The glass panels for landing doors, car doors, car walls and walls of the well shall be tested and a test report submitted in accordance with 5.3.5.3.2 of SANS 50081-20  9.1.3 Do the glass door panels avoid the dragging of children hands on automatic power operated sliding doors as stated in 5.3.6.2.1 (i) of SANS 50081-20  9.1.4 Do the glass panels of the well comply with 5.2.1.8.2&3 of SANS 50081-20	Yes Yes		No No	
If 9.1.1 and or 9.1.2 is no then The glass panels for landing doors, car doors, car walls and walls of the well shall be tested and a test report submitted in accordance with 5.3.5.3.2 of SANS 50081-20  9.1.3 Do the glass door panels avoid the dragging of children hands on automatic power operated sliding doors as stated in 5.3.6.2.1 (i) of SANS 50081-20  9.1.4 Do the glass panels of the well comply with 5.2.1.8.2&3 of SANS 50081-20  9.2 Entrance clearances  9.2.1 Is the horizontal distance between the sill of the car and the	Yes Yes Yes Yes		No No No	
If 9.1.1 and or 9.1.2 is no then The glass panels for landing doors, car doors, car walls and walls of the well shall be tested and a test report submitted in accordance with 5.3.5.3.2 of SANS 50081-20  9.1.3 Do the glass door panels avoid the dragging of children hands on automatic power operated sliding doors as stated in 5.3.6.2.1 (i) of SANS 50081-20  9.1.4 Do the glass panels of the well comply with 5.2.1.8.283 of SANS 50081-20  9.2 Entrance clearances  9.2.1 Is the horizontal distance between the sill of the car and the sills of all landing doors 35 mm or less?  9.2.2 Is the running clearance between door panels and between	Yes Yes Yes Yes		No No No No	
If 9.1.1 and or 9.1.2 is no then The glass panels for landing doors, car doors, car walls and walls of the well shall be tested and a test report submitted in accordance with 5.3.5.3.2 of SANS 50081-20  9.1.3 Do the glass door panels avoid the dragging of children hands on automatic power operated sliding doors as stated in 5.3.6.2.1 (i) of SANS 50081-20  9.1.4 Do the glass panels of the well comply with 5.2.1.8.2&3 of SANS 50081-20  9.2 Entrance clearances  9.2.1 Is the horizontal distance between the sill of the car and the sills of all landing doors 35 mm or less?  9.2.2 Is the running clearance between door panels and between panels and uprights, lintels or sills 6 mm or less?  9.2.3 Has it been established that no recess or projection on the	Yes Yes Yes Yes Yes		No No No No	
If 9.1.1 and or 9.1.2 is no then The glass panels for landing doors, car doors, car walls and walls of the well shall be tested and a test report submitted in accordance with 5.3.5.3.2 of SANS 50081-20  9.1.3 Do the glass door panels avoid the dragging of children hands on automatic power operated sliding doors as stated in 5.3.6.2.1 (i) of SANS 50081-20  9.1.4 Do the glass panels of the well comply with 5.2.1.8.2&3 of SANS 50081-20  9.2 Entrance clearances  9.2.1 Is the horizontal distance between the sill of the car and the sills of all landing doors 35 mm or less?  9.2.2 Is the running clearance between door panels and between panels and uprights, lintels or sills 6 mm or less?  9.2.3 Has it been established that no recess or projection on the face of a sliding door panel exceeds 3 mm?  9.2.4 Is the distance between the inner surface of the well and the sill or framework of the car entrance or door 0,15 m or less, or	Yes Yes Yes Yes Yes Yes		No No No No	

9.2.6 Do the landing doors have an automatic mechanical self-closing mechanism and working?		Yes	N	0
9.2.7 Is each set of landing doors capable of being unlocked from the outside with an emergency key? (Triangle key)		Yes	N	0
10. Dynamic tests - Safety contacts/circuits				
To. Dynamic tests - datety contacts/onduits				
10.1 Have the contacts at each landing entrance been proved so that when the contacts are broken, there is no movement of the car?		Yes	N	0
10.2 Have the mechanical locks at each landing entrance been proved for positive locking?		Yes	N	0
10.3 Have the car door/gate contacts been proved so that when the contacts are broken, there is no movement of the car?		Yes	N	0
10.4 Do the final limit switches remove the motor supply before the car or counterweight makes contact with the buffers?		Yes	N	0
10.5 Have the stopping switches on the car top, and in the pulley room and pit, been proved so that when the switches are activated , there is no movement of the lift?		Yes	N	0
10.6 Have all the other switches in the safety circuits been proved so that when the switches are activated, there is no movement of the car?		Yes	N	0
11. Door tests -Horizontal Sliding Doors				
NOTE Where appropriate, the following tests should be carried out with the car and landing doors coupled				
11.1 How are the doors operated?				
	Manually [		Powered	
b) Landing doors	Manually [		Powered	
c) Landing doors linked to Power operated car doors		Yes	No	0
11.2 is the measured maximum force to prevent closing of the doors 150 N or less?		Yes	No	
State the figure recorded.				N
11.3 Is the measured kinetic energy 10 J or less?	7	Yes	No	<b></b>
State the figure recorded.				J
11.4 Does the protective device reverse the doors in accordance with relevant SANS standard		Yes	No	
11.5 If the protective device is made inoperative,				
a) do the doors remain open?	2	Yes	No	
b) do the doors close with a kinetic energy not exceeding 10 J?	1	Yes	No	
c) Is the final protection devices kinetic energy less than 4 J?	1	Yes	No	
11.6 Is the unlocking zone less than 0,2 m above and below the landing levels (or 0.35 m in the case of simultaneously operated car and landing doors)?	,	Yes	No	
in accordance with 5.3.8.1 of SANS 50082-20 11.7 Do the landing doors have an automatic self-closing mechanism?	,	Yes	No	
11.8 Do the door locks comply with relevant SANS standard	1	Yes	No	
11.9 Type of electrical protection provided for the door motor/drive : a) three-phase b) overloads in c) timin circuit-breaker each phase relays	g		d) Thermistor	's
e) other (specify): State the relevant characteristics:				
11.10) time to operate: open sec close sec b) trip current (if	applicable)			Α
11.11 Does the contract require that the landing doors and surrounds satisfy				
The Does the contract require that the landing doors and surrounds satisfy				

type: kW input: 3 Measurements and	etails of the lift method following data	he unlocking zone is is outside the unlocking the unlocking play with 5.3.6.2.2.1 otor (as stated on the	h &I of SANS 5	e) c f) s  g) c h) d	current rating peed class of insula luty rating ameplate (if a		s		No No A
normal operation?  1.12 If glass car doors are  2 Main Motor / Drive  2.1 State the drive type  2.2 Provide the following domanufacturer serial No. type power rating  3.3 Quote the type of, and type: kW input:	etails of the lift m	otor (as stated on the	h &I of SANS 5	e) c f) s <sub>l</sub> g) c h) d	peed class of insula duty rating ameplate (if a	Ye			No
2 Main Motor / Drive 2.1 State the drive type 2.2 Provide the following d manufacturer serial No. type power rating 2.3 Quote the type of, and type: kW input:	etails of the lift me	otor (as stated on the	e data plate):	e) c f) s <sub>l</sub> g) c h) d	peed class of insula duty rating ameplate (if a	ation	S		A
2.1 State the drive type 2.2 Provide the following d manufacturer serial No. type power rating 2.3 Quote the type of, and type: kW input:	etails of the lift me	kW on, the associated en		f) sp g) c h) d s), pump set na	peed class of insula duty rating ameplate (if a				
manufacturer serial No. type power rating .3 Quote the type of, and type: kW input:	the following data	kW on, the associated en		f) sp g) c h) d s), pump set na	peed class of insula duty rating ameplate (if a				
manufacturer serial No. type power rating .3 Quote the type of, and type: kW input:	the following data	kW on, the associated en		f) sp g) c h) d s), pump set na	peed class of insula duty rating ameplate (if a				
serial No.  type  power rating  3 Quote the type of, and type:  kW  input:  Measurements and	A V	on, the associated e		f) sp g) c h) d s), pump set na	peed class of insula duty rating ameplate (if a				
power rating 3 Quote the type of, and type:  kW input:  Measurements and	A V	on, the associated e		g) o h) d s), pump set na	class of insula luty rating ameplate (if a				r/min
power rating  3 Quote the type of, and type:  kW  input:  Measurements and	A V	on, the associated e		h) d	luty rating				
type: kW input: B Measurements and	A V	on, the associated e		s), pump set na	ameplate (if a	applicable):			
2.3 Quote the type of, and to type:  kW  input:  3 Measurements and 3.1 Measure and record the	A V		nergy converter(s	in to	100	applicable):			
input:		r/min		c) se	erial No:				
input: 3 Measurements and		r/min							
3 Measurements and	Data						kW /	4 V	r/min
	Data			d) or	utput:				
O-standing.	Lift	Lift speed	(	notor input note 2)	-	System (note	3)	) de	
Car loading condition	speed (note 1)	(note 1)	Runi		Start	Running		Start	(+ or -) (note 4)
Empty Up	r/min	m/s	V	A	A	V	A	A	mm
Dowr Balanced Up									
Down									
Rated Up Down									
		Lo	ow Speed Operati	ion (if applicab	le)				
	Lift	Lift		notor input		System			Levelling
Car loading condition	motor speed (note 1)	speed (note 1)		note 2) tunning		(note Runn			deviation (+ or -) (note 4)
	r/min	m/s	V		A	V		A	mm
Empty Up Down			•						
Balanced Up									
Rated Up									

	ain Drive				
St	ate type of application e.g. Ward	d Leonard , VVVF etc.			
. 1	Measure and record the following	g (as appropriate):			
	T			Time to	Trip current
	Type of device Circuit breaker	Manual reset	Automatic reset	operate (s)	A
	Fuses				
	Overloads, in each phase				
	Timing relay Thermistor				
2 1				802	
.2 F	lave these been found to be sat	tistactory?		Yes	No
		drive motor (where applicable)			
.1 1	Measure and record the following	g (as appropriate):			
				Time to	Trip current
	Type of device	Manual reset	Automatic reset	operate Sec	A
	Circuit breaker				
	Fuses				
	Overloads, in each phase				
	Timing relay Thermistor				
	No.	Valuable - ed access			
2 F	ave these been found to be sati	isfactory?		Yes	No
В	alance and levelling				
1 F	rom the measurements recorder	d in item 13, is the balance satisfact	ory	Yes	No
	in accordance with manufacture				
2 S	tate the percentage of the balan	nce:			
	100 March 100 Ma				
desi	gn : %		b) actual:		%
desi	gn: % oes the lift stop within the levelli	ing accuracy recommended	b) actual:		%
.3 D		ing accuracy recommended	b) actual:	Yes	% No
.3 D	oes the lift stop within the levelli nanufacturer? Or				No
.3 D	oes the lift stop within the levelli nanufacturer? Or	accordance with 6.3.12 of SANS 500		Yes Yes	
.3 D the	oes the lift stop within the levelli nanufacturer? Or ses the run time limiter work in a Traction 5.9.2.7 and Hydrau	accordance with 6.3.12 of SANS 500 lic 5.9.3.10 of SANS 50081-20			No
.4 Do	oes the lift stop within the levellinanufacturer? Or ses the run time limiter work in a Traction 5.9.2.7 and Hydraul sulation Resistance to ea	accordance with 6.3.12 of SANS 500 lic 5.9.3.10 of SANS 50081-20	81-20		No
.4 Do	oes the lift stop within the levellinanufacturer? Or ses the run time limiter work in a Traction 5.9.2.7 and Hydraul sulation Resistance to ea	accordance with 6.3.12 of SANS 500 lic 5.9.3.10 of SANS 50081-20	81-20		No
.3 D the i	oes the lift stop within the levellinanufacturer? Or  oes the run time limiter work in a Traction 5.9.2.7 and Hydraul  sulation Resistance to ea This value should not be less th	accordance with 6.3.12 of SANS 500 lic 5.9.3.10 of SANS 50081-20 arth nan 0,5 MΩ at 250 V when measur	81-20		No
.3 D the i	oes the lift stop within the levellinanufacturer? Or ses the run time limiter work in a Traction 5.9.2.7 and Hydraul sulation Resistance to ea	accordance with 6.3.12 of SANS 500 lic 5.9.3.10 of SANS 50081-20 arth nan 0,5 MΩ at 250 V when measur	81-20		No
.3 D the i	oes the lift stop within the levellinanufacturer? Or  oes the run time limiter work in a Traction 5.9.2.7 and Hydraul  sulation Resistance to ea This value should not be less th	accordance with 6.3.12 of SANS 500 lic 5.9.3.10 of SANS 50081-20 arth nan 0,5 MΩ at 250 V when measur	81-20		No
.3 D the .4 Do ' In: DTE per:	oes the lift stop within the levellinanufacturer? Or  oes the run time limiter work in a Traction 5.9.2.7 and Hydraul Hydraul Hydraul Hydraul Sulation Resistance to ea This value should not be less the 5.10.1.2.3 Table 16 of SANS 500 ft motor	accordance with 6.3.12 of SANS 5000 lic 5.9.3.10 of SANS 50081-20 with an 0.5 M $\Omega$ at 250 V when measur 081-20	81-20 red using a calibrated instrument.	Yes	No No
.4 Do	oes the lift stop within the levellinanufacturer? Or  oes the run time limiter work in a Traction 5.9.2.7 and Hydraul	accordance with 6.3.12 of SANS 5000 lic 5.9.3.10 of SANS 50081-20 with an 0.5 M $\Omega$ at 250 V when measur 081-20 M $\Omega$	81-20		No
.3 D the .4 Do ' In: DTE per:	oes the lift stop within the levellinanufacturer? Or  oes the run time limiter work in a Traction 5.9.2.7 and Hydraul Hydraul Hydraul Hydraul Sulation Resistance to ea This value should not be less the 5.10.1.2.3 Table 16 of SANS 500 ft motor	accordance with 6.3.12 of SANS 5000 lic 5.9.3.10 of SANS 50081-20 with an 0.5 M $\Omega$ at 250 V when measur 081-20	ed using a calibrated instrument.  3 of SANS 50082 -20  b) Generator	Yes	No No
i.3 Dithe ii.4 Do	oes the lift stop within the levellinanufacturer? Or  oes the run time limiter work in a Traction 5.9.2.7 and Hydraul	accordance with 6.3.12 of SANS 5000 lic 5.9.3.10 of SANS 50081-20 with an 0.5 M $\Omega$ at 250 V when measur 081-20 M $\Omega$	81-20 red using a calibrated instrument. 3 of SANS 50082 -20	Yes	No No
.3 D the i	oes the lift stop within the levellinanufacturer? Or  oes the run time limiter work in a Traction 5.9.2.7 and Hydrau  sulation Resistance to ea This value should not be less th 5.10.1.2.3 Table 16 of SANS 500  fit motor  G set Ward-Leonard system fitte  a) Motor	accordance with 6.3.12 of SANS 5000 lic 5.9.3.10 of SANS 50081-20 with an 0.5 M $\Omega$ at 250 V when measur 081-20 M $\Omega$ ed in accordance to 5.9.2.5.3	ed using a calibrated instrument.  3 of SANS 50082 -20  b) Generator	Yes	No No
.3 D the i	oes the lift stop within the levellinanufacturer? Or  oes the run time limiter work in a Traction 5.9.2.7 and Hydrau  sulation Resistance to ea This value should not be less th 5.10.1.2.3 Table 16 of SANS 500  fit motor  G set Ward-Leonard system fitte  a) Motor  ower systems  afety circuits	accordance with 6.3.12 of SANS 5000 lic 5.9.3.10 of SANS 50081-20 with an 0,5 M $\Omega$ at 250 V when measur 081-20 M $\Omega$ ed in accordance to 5.9.2.5.3	ed using a calibrated instrument.  3 of SANS 50082 -20  b) Generator	Yes	No No
.3 D the i	oes the lift stop within the levellinanufacturer? Or  oes the run time limiter work in a Traction 5.9.2.7 and Hydrau  sulation Resistance to ea This value should not be less th 5.10.1.2.3 Table 16 of SANS 500  fit motor  G set Ward-Leonard system fitte  a) Motor	accordance with 6.3.12 of SANS 5000 lic 5.9.3.10 of SANS 50081-20 with an 0.5 M $\Omega$ at 250 V when measur 081-20 M $\Omega$ ed in accordance to 5.9.2.5.3	ed using a calibrated instrument.  3 of SANS 50082 -20  b) Generator	Yes	No No
.4 Do ' In:	oes the lift stop within the levellinanufacturer? Or  oes the run time limiter work in a Traction 5.9.2.7 and Hydrau  sulation Resistance to ea This value should not be less th 5.10.1.2.3 Table 16 of SANS 500  fit motor  G set Ward-Leonard system fitte  a) Motor  ower systems  afety circuits  rthing	accordance with 6.3.12 of SANS 5000 lic 5.9.3.10 of SANS 50081-20 with an 0.5 M $\Omega$ at 250 V when measur 081-20 M $\Omega$ ed in accordance to 5.9.2.5.3	ed using a calibrated instrument.  3 of SANS 50082 -20  b) Generator (If Fitted)	Yes	No No
.3 D the i .4 Do .7 In: DTE per: 11 Li 2 M 3 Pc 4 Sc Ea	oes the lift stop within the levellinanufacturer? Or  oes the run time limiter work in a Traction 5.9.2.7 and Hydrau  sulation Resistance to ea This value should not be less th 5.10.1.2.3 Table 16 of SANS 500  fit motor  G set Ward-Leonard system fitte a) Motor  ower systems afety circuits  rthing  the maximum continuity resis	accordance with 6.3.12 of SANS 5000 lic 5.9.3.10 of SANS 50081-20 with an 0.5 M $\Omega$ at 250 V when measur 081-20 M $\Omega$ ed in accordance to 5.9.2.5.3 M $\Omega$ M $\Omega$	ed using a calibrated instrument.  3 of SANS 50082 -20  b) Generator (If Fitted)	Yes	No No No MΩ
.3 D the in4 Do4	oes the lift stop within the levellinanufacturer? Or  oes the run time limiter work in a Traction 5.9.2.7 and Hydrau  sulation Resistance to ea This value should not be less th 5.10.1.2.3 Table 16 of SANS 500  fit motor  G set Ward-Leonard system fitte a) Motor  ower systems afety circuits  rthing  the maximum continuity resis	accordance with 6.3.12 of SANS 5000 lic 5.9.3.10 of SANS 50081-20 with man 0,5 M $\Omega$ at 250 V when measur 081-20 M $\Omega$ ed in accordance to 5.9.2.5.3 M $\Omega$	ed using a calibrated instrument.  3 of SANS 50082 -20  b) Generator (If Fitted)	Yes	No No No No No
.3 D the i	oes the lift stop within the levellinanufacturer? Or  oes the run time limiter work in a Traction 5.9.2.7 and Hydrau  sulation Resistance to ea This value should not be less the 5.10.1.2.3 Table 16 of SANS 500 ft motor  G set Ward-Leonard system fitte a) Motor  ower systems  afety circuits  rthing  the maximum continuity resist the car connected to the control and uctor?	accordance with 6.3.12 of SANS 5000 lic 5.9.3.10 of SANS 50081-20 with an 0.5 M $\Omega$ at 250 V when measur 081-20 $M\Omega$ ed in accordance to 5.9.2.5.3 $M\Omega$ $M\Omega$	ed using a calibrated instrument.  3 of SANS 50082 -20  b) Generator (If Fitted)	Yes	No No No MΩ
.3 Dithe i	oes the lift stop within the levellinanufacturer? Or  oes the run time limiter work in a Traction 5.9.2.7 and Hydrau  sulation Resistance to ea This value should not be less the solution of the less the stop of the less than t	cocordance with 6.3.12 of SANS 5000 lic 5.9.3.10 of SANS 50081-20 with an 0.5 M $\Omega$ at 250 V when measur 081-20 M $\Omega$ ed in accordance to 5.9.2.5.3 M $\Omega$ M $\Omega$ stance to earth less than 0.5 ohms liler earthing terminal by a separate or of the mains supply has a cross second company of the mains supply has a cross second contact the second contact that $\Omega$ is the second con	red using a calibrated instrument.  3 of SANS 50082 -20  b) Generator (If Fitted)  ?	Yes	No No No No No No
.3 Dithe i	oes the lift stop within the levellinanufacturer? Or  oes the run time limiter work in a Traction 5.9.2.7 and Hydrau  sulation Resistance to ea This value should not be less the solution of the less the stop of the less than t	accordance with 6.3.12 of SANS 5000 lic 5.9.3.10 of SANS 50081-20 with an 0.5 M $\Omega$ at 250 V when measur 081-20 $M\Omega$ ed in accordance to 5.9.2.5.3 $M\Omega$ $M\Omega$	red using a calibrated instrument.  3 of SANS 50082 -20  b) Generator (If Fitted)  ?	Yes	No No No No No No
In: OTE per: 1 Li 2 M 3 Per 4 Si Ea	oes the lift stop within the levellinanufacturer? Or  oes the run time limiter work in a Traction 5.9.2.7 and Hydrau  sulation Resistance to ea This value should not be less the solution of the less the stop of the less than t	cocordance with 6.3.12 of SANS 5000 lic 5.9.3.10 of SANS 50081-20 with an 0.5 M $\Omega$ at 250 V when measur 081-20 M $\Omega$ ed in accordance to 5.9.2.5.3 M $\Omega$ M $\Omega$ stance to earth less than 0.5 ohms liler earthing terminal by a separate or of the mains supply has a cross second company of the mains supply has a cross second contact the second contact that $\Omega$ is the second con	red using a calibrated instrument.  3 of SANS 50082 -20  b) Generator (If Fitted)  ?	Yes	No No No No No No
In: TE  In: TE  In: In: In: In: In: In: In: In: In: In	oes the lift stop within the levellinanufacturer? Or  oes the run time limiter work in a Traction 5.9.2.7 and Hydrau  sulation Resistance to ea This value should not be less the solution of the less the stop of the less than t	cocordance with 6.3.12 of SANS 5000 lic 5.9.3.10 of SANS 50081-20 with an 0.5 M $\Omega$ at 250 V when measur 081-20 M $\Omega$ ed in accordance to 5.9.2.5.3 M $\Omega$ M $\Omega$ stance to earth less than 0.5 ohms liler earthing terminal by a separate or of the mains supply has a cross second company of the mains supply has a cross second contact the second contact that $\Omega$ is the second con	red using a calibrated instrument.  3 of SANS 50082 -20  b) Generator (If Fitted)  ?	Yes	No No No No No No

the same cross section is connected.	Yes		No	
18.3 Does the earthing of the most remote contact (lock or push button) operate a fuse or trip a circuit-breaker without delay?	Yes		No	
19 Protection of conductors				
19.1 Is the fixed wiring in conduit (or in trunking, or in fittings that ensure equivalent protection) throughout? In compliance with relevent standard	Yes		No	
19.2 Does the electrical wiring comply with relevant SANS standard	Yes		No	
20 Lighting and Socket outlets				
20.1 Is the electrical supply to the car , well, machinery spaces, pully rooms, emergency and tests panel(s) independent from the supply to the machine comply with 5.10.7.1 of SANS 50081-20	Yes		No	
20.2 Are all socket outlets on top of car, machine compartment and in pit fed from an independent supply comply with 5.10.7.2 of SANS 50081-20 and comply with SANS 164-2	Yes		No	
20.3 Are all socket outlets fed from a "earthleakage deivce" (RCD) with a maximum tripping current of 30mA comply with 5.10.1.2.3 of SANS 50081-20 also refer to 5.1.3.2.2 of SANS 10142	Yes		No	
a) Tripping current of E/L Unit for socket outlet on top of car		mA		
b) Tripping current of E/L Unit for socket outlet in pit		mA		
c) Tripping current of E/L Unit for socket outlet in machine compartment / room		mA		
20.4 Phase reversal and phase failure device				
20.4.a The phase reversal and phase failure device operate correctly?				
50 80 NO 1000	Yes		No	
20.4.b Return to service / operation is only possible by manual resetting in case of Earth Fault.	Yes		No	
21 Inspection control stations				
21.1 Inspection Speed up m/s Inspection Speed down refer to 5.12.1.5.2.1 (e) of SANS 50081-20 (Max 0.63 m/s) 21.2 Are there inspection controls present on top of car, in the pit, on platform and in the controller		m/s		
21.3 Does the design and the operation of the inspection control stations comply with	Yes		No	
applicable SANS standard	Yes		No	
NOTE 1 Where required, the car roof shall be fitted with a balustrade.				
21.4 Does the car roof fulfil the requirements of applicable SANS standard	Yes		No	
21.5 Is the return to normal service (electrical reset) after exiting the pit present and operational	Yes		No	
22 Duty cycle test				
Does the lift operate satisfactorily for a period of at least 0,5 h when	Yes		No	
running with the rated load, full travel and intermediate stops in both detections at a rate at least equal to the number of starts per hour?				
If the answer is NO, state the reasons.				
NOTE It might be necessary to omit the operation of the doors to achieve the required number of motor starts per hour.				
23 General				
23.1 a) Is the: (Factory serial number, Maximum load, Number of persons, Rated Kg, Official Government Identification N indicated in the lift car?	o) Yes		No	
23.1 b) Is the official installation number indicated in the lift car?	Yes		No	
23.2 Is the year of construction indicated in the lift car?	Yes		No	
23.3 Is an overload monitoring device (sound & light indication) fitted in accordance with	Yes		No	

applicable SANS standard			
23.4 Does the fire control system (if provided) comply with the local and National requirements?	Yes	No	
23.5 Are the emergency rescue instructions displayed in the machine room /spaces and in accordance with 5.2.6.2.3 of SANS 50081-20 and to the relevant equipment used on site	Yes	No	
23.6 Are the required ventilation means supplied to the machine room space are per manufacturer	Yes	No	
23.7 List other SANS standards of compliance at time of installation. (Eg. Part 70, Part 21,)			
23.8 List if there is any IP rated equipment required and what the IP rating applied is			
23.9 Does the emergency operation system(s) function correctly, in accordance with SANS standard	Yes	No	
23.10 Are the machine room compartments conditions satisfactory ? in accordance with SANS standard	Yes	No	
If the answer is NO, state the reasons:			
23.11 Are the provisions for ventilating the machine room compartment adequate?	Yes	No	
23.12 Are the machine room doors or trap doors or control panels placed elsewhere than a lockable machine room fitted with a suitable lock complying with SANS standard	Yes	No	
23.13 Does the emergency (ALARM SYSTEM ) communication comply ?	Yes	No	
23.14 Do the emergency communications / intercom systems work between the lift car and the on site rescue centre?  Should the system be GSM, state the cell number and where it dials to	Yes	No	
Intercom make / supplier 23.15 Does the emergency lighting of the car comply with			
SANS stabdard (5 lux for 1 hr)	Yes	No	
23.16 Is there a means of access to all items of lift equipment, in accordance with applicable SANS standard	Yes	No	
23.17 Are the safety notices/instructions specified in SANS standard	Yes	No	
a) Machine space / room?	Yes	No	
b) Machine space / room door ?	Yes	No	
c) Head room?	Yes	No	
d) Top of car?	Yes	No	
e) All landing doors marked with corresponding floor designations?	Yes	No	
f) Pit area?	Yes	No	
g) Group of lifts. Are the lifts marked in the machineroom compartment, top of car and pit	Yes	No	
23.19 Has a counterweight screen in the pit been fitted?	Yes	No	
23.20 Should the answer of 23.14 be "No", has the correct compliant alternative been applied?	Yes	No	
23.21 Is the distance required between counterweight to buffer displayed in the pit area?	Yes	No	
23.22 Is the car to buffer manufacturers distance required distance displayed in the pit area?	Yes	No	
23.23 Have the car and landing apron's been fitted?	Vaa	No	
	Yes	No	
23.24 More than one lift sharing a shaft, is the shaft dividing screen fitted & compliant?  24 Conclusions	Yes	No	

24.1 Is the lift installation complete and do SANS standard	oes it comply with the re	equirements of			
			Yes	No	
24.2 Are there any other matters that requinto service?	uire attention before the	installation can be put	Yes	No	
NOTE Such matters might not form part o	f the contract for the lif	t but might form			
part of the installation and be the responsit	bility of others.				
24.3 If the answer to item 24.2 is YES pro	vide the details.				
25 Declaration of Registered ECS	A Lift Inspector &	Overseeing SANAS Registered	Inspector.		
cortifu that an					
certify that on coordance with SANS 50081-20 and 50		the equipment was examined and test	ted in		
Name in Block Letters :	Signature:		Date	of inspection:	
lame and address of company esponsible for examination					
osition(s), in the above organisation, of the conducted the examination	e person(s)				
tualifications of the examiner					
	AS registered Lift	Inspector.			
6 Declaration of Overseeing SAN	AS registered Lift	Inspector.  the installation was checked/overseen	and verified by myself		
6 Declaration of Overseeing SAN			and verified by myself		
6 Declaration of Overseeing SAN certify that on egistered Lift Inspector @ ECSA registrati	ion Number		and verified by myself		
cualifications of the examiner  16 Declaration of Overseeing SAN certify that on tegistered Lift Inspector @ ECSA registration tegistered SANAS inspection body Number	ion Number		]	of issue:	
6 Declaration of Overseeing SAN certify that on egistered Lift Inspector @ ECSA registration	ion Number		]	of issue:	
6 Declaration of Overseeing SAN certify that on egistered Lift Inspector @ ECSA registration	ion Number		]	of issue:	
6 Declaration of Overseeing SAN certify that on egistered Lift Inspector @ ECSA registration	ion Number		]	of issue:	
6 Declaration of Overseeing SAN certify that on egistered Lift Inspector @ ECSA registration	ion Number		]	of issue:	
6 Declaration of Overseeing SAN certify that on egistered Lift Inspector @ ECSA registration body Number	ion Number		]	of issue:	
6 Declaration of Overseeing SAN certify that on egistered Lift Inspector @ ECSA registration egistered SANAS inspection body Number	ion Number		]	of issue:	
6 Declaration of Overseeing SAN certify that on egistered Lift Inspector @ ECSA registration	ion Number		]	of issue:	
6 Declaration of Overseeing SAN certify that on egistered Lift Inspector @ ECSA registration	ion Number		]	of issue:	
certify that on egistered Lift Inspector @ ECSA registration body Number	ion Number		]	of issue:	
certify that on egistered Lift Inspector @ ECSA registration body Number	ion Number		]	of issue:	
6 Declaration of Overseeing SAN certify that on egistered Lift Inspector @ ECSA registration	ion Number		]	of issue:	
6 Declaration of Overseeing SAN certify that on egistered Lift Inspector @ ECSA registration	ion Number		]	of issue:	
6 Declaration of Overseeing SAN certify that on egistered Lift Inspector @ ECSA registration	ion Number		]	of issue:	



### Annexure A

Doc No

OCCUPATIONAL HEALTH AND SAFETY ACT 85 OF 1993

LIFT,ESCALATOR AND PASSENGER CONVEYOR REGULATIONS ALL TESTS IN ACCORDANCE WITH SANS 1545-6

## Commissioning Report for Rack and Pinion Lift

NOTE: Statements and replies to all relevant questions should be annotated in the appropriate boxes. Where multiple questions are posed, only one of the alternate boxes should be ticked. X

1. Description of In	stallation	Date				
Name of User (Owner or	Occupier):	Equipment Manufacturer name				
		Country of manufacture				
hullding Manne		and factory address				
Building Name:		Sold & installed by (Vendor)				
Building Address:		Is this a permanent installation?				
		Is this a temporary installation				
		for builders work?				
		State if Annexure is applicable to				
		New building, full replacement				
		upgrade/modification (extend)				
ength of travel	Meters	Official Installation number:				
	Weters					
		Vendor Identification No:				
No. of levels served:	Front					
		Functional name and/or location:				
	Rear	Rack and Pinion Material:				
		Rack material:				
fain Floor: (e.g. B2, B1,	G, 1, 2)	Pinion material:				
		Number of pinions:				
		Process (rolled or hardened):				
		Nominal diameter of pinion/s: mm:				
ift Car Load / Speed		Lift Car Dimensions				
Rated load	Kg	a) Internal width (wall-to-wall)	mn			
lumber of persons:		b) Internal depth ( front return to rear wall)	mn			
ated Speed	m/s					
tated Speed	m/s	c) Car Area 0	m <sup>2</sup>			

lecti	rical Power supply:		Elec	trical supply :	Permane	nt.	
					Permane	nt.	
	Volts supply:	V		(during constructi	on) Temporar	y:	
	Amps rating of C/B:	Α					
	Hertz rating:	HZ	If tem	porary -the power su	oply section ne	eds to be	re-measured and
	Wires:						
. Sa	fety Gear						
	Safety Gear serial numb	per:		Expiry Date:			
2.1)	Has the safety gear bee	n tyne tested?		Ye	e —	No	
,	ride the edicty godi boo	ii type testeu:		16	5	NO	
2.2)		res', does the data plate is, whether the safety gea a for type test certificate?	r	Ye	s	No	
2.3)	Was the a drop test don	e and the result satisfacto	rily?	Ye	s	No	
2.4)	Are the safety gear adjust	stable parts sealed?		Ye	s	No	
. Bra	ake/s						
		a the static ear in the laws	or nort of its	V		N	
3.1)	travel, with the rated load	n the static car, in the lower d plus 35%?	r part of its	Ye	S	No	
		15.0	12 10 10				
3.2)	at rated speed and with	machine when the car tra rated load plus 15%?	vel downward	Ye	S	No	
3.3)	number of brakes, minus	rake is used, does the tota one brake, stop the car w d load and at rated speed	hen it	Ye	S	No	
. Bu	ffers						
4.1)	Are the buffers correctly	installed under the car str	king plates?	Ye	s	No	
4.2)	Is the buffer test satisfac	tory?		Yes	s	No	
. Cle	arances and run-bys	S					
5.1)	Will the car clear all obsta	acles when driven at slow	speed?	Yes	;	No	
5.2)	Is there sufficient refuge when the lift is on its fully	space in the pit for a mech compressed buffer/s?	nanic	Yes	;	No	
5.3)	If the answer in 5.2 is no, available in the pit area?	is there a rack-lock instal	led or?	Yes		No	
5.4)	Is there sufficient refuge when the lift is on its	space on top of the car for	a mechanic	Yes		No	
5.5)	Is the horizontal distance or stairs 500 mm or more	between the car and any where there is no shaft e	platform nclosure?	Yes		No	
	Does the lift have a pit			Yes		No	
	ding doors and surr	ounds					
	State the type of doors			Yes		Yes	

6.1	Is the horizontal distance landing doors 35 mm or	e between the sill of the car and sill of all less?	Yes	No		
6.2)		the inner surface of the well and the car entrance or door 0.15 m or less, not exceeding 0.5 m?	· Yes	No		
6.3)	If the answer to 6.2. abomechanically locked wh	ove is No, is the car door en away from the unlocking zone?	Yes	No		
6.4)	Is the horizontal distance 120 mm or less?	e between the car and the landing doors	Yes	No		
6.5)	Is each set of the landin the outside with an eme	Yes	No			
7. Dy	namic tests - Safety	contacts/circuits				
7.1)	Have the contacts at each	ch landing entrance been proved so that	Yes	No		
	when the contacts are b	proken, there is no movement of the car?				
7.2)	Have the mechanical loc for positive locking?	cks at each landing entrance been proved	Yes	No		
7.3)		contacts been proved so that when the re is no movement of the car?	Yes	No		
7.4)	If separate terminal stop	ping switches are fitted, do they operate	Yes	No		
	satisfactorily?					
7.5)	Do the final limit switches remove the motor supply before the car comes into contact with its buffers?					
7.6)	Have the stopping device been proved so that whe no movement of the car?	es on the car top, and in the pit n the devices are operated, there is	Yes	No		
7.7)		contacts in the safety circuits been proved so n, there is no movement of the car?	Yes	No		
7.8)	Does the phase reversal	and phase failure device operate correctly?	Yes	No		
7.9)	Does the lift stop within the by the manufacturer?	ne levelling accuracy recommended	Yes	No		
8. Ins	ulation resistance to	earth				
These	values should not be less	than 0,5 M Ohms at 500 V when measured using	g a calibrated instrument.			
8.1)	Lift motor	M Ohm				
8.2)	Power systems	M Ohm				
8.3)	Safety circuits	M Ohm				
9. Ear	thing					
9.1)	Is the maximum continuity	resistance to earth less than 0.5 Ohm?	Yes	No		

9.3) Does the earthing of the most remote contact (lock or push button) operate a fuse or trip a circuit breaker without delay?  0. Protection of conductors  0.1) Is the fixed wiring in conduit (or in trunking, or in fittings that ensure equivalent protection) throughout?  0.2) If not, do the cables comply with the relavant SANS specification?  1. Measurements of the electrical system  1.1) State power system:  1.2) Provide the following details of the lift motor (as stated on the data plate):  a) Manufacturer  b) serial number  c) type  d) power rating  e) current rating  f) speed  g) class of insulation  h) duty rating  2. Measure and record the following operational data    High speed operation	No No No kW A r/min
2.1) Is the fixed wiring in conduit (or in trunking, or in fittings that ensure equivalent protection) throughout?  2.2) If not, do the cables comply with the relavant SANS specification?  3. Measurements of the electrical system  3. State power system:  4. Provide the following details of the lift motor (as stated on the data plate):  4. a) Manufacturer  5. b) serial number  6. c) type  7. d) power rating  8. e) current rating  9. class of insulation  9. class of insulation  9. duty rating  4. Itift motor input (see note 2)  8. System input (see note 2)  8. System input (see note 2)  8. System input (see note 3)  8. Running Start Running	NokW_A
equivalent protection) throughout?  2.2) If not, do the cables comply with the relavant SANS specification?  3. Measurements of the electrical system  3. State power system:  4. Provide the following details of the lift motor (as stated on the data plate):  5. a) Manufacturer  6. b) serial number  7. c) type  7. d) power rating  8. e) current rating  9. current rating  9. class of insulation  h) duty rating  7. Measure and record the following operational data  8. High speed operation  8. Car loading	NokW_A
. Measurements of the electrical system  .1) State power system:  .2) Provide the following details of the lift motor (as stated on the data plate):  a) Manufacturer  b) serial number  c) type  d) power rating e) current rating f) speed g) class of insulation h) duty rating  Measure and record the following operational data    High speed operation   Car loading condition   Lift   Lift motor input (see note 2)   (see note 3)	kW
2) Provide the following details of the lift motor (as stated on the data plate):  a) Manufacturer  b) serial number  c) type  d) power rating  e) current rating  f) speed  g) class of insulation  h) duty rating  Measure and record the following operational data    High speed operation   Car loading condition   Lift motor input (see note 2)   (see note 3)	A
2) Provide the following details of the lift motor (as stated on the data plate):  a) Manufacturer b) serial number c) type d) power rating e) current rating f) speed g) class of insulation h) duty rating  Measure and record the following operational data  High speed operation  Car loading condition  Car loading condition  motor speed (note 1) (note 1) (note 1)  r/min m/s V A A V A A  Empty Up Down Rated  Provide the following of the lift motor (as stated on the data plate):  Lift motor input (see note 2)  Running Start Running Start  Runni	A
a) Manufacturer b) serial number c) type d) power rating e) current rating f) speed g) class of insulation h) duty rating  Measure and record the following operational data  High speed operation Car loading condition Car loading condition Speed (note 1) (note 1) (note 1) Running Start Running Start Running Speed (note 1) Running Start Running Start Rated Up	A
b) serial number c) type d) power rating e) current rating f) speed g) class of insulation h) duty rating  Measure and record the following operational data    High speed operation   Car loading condition   Lift   Lift   Lift   (see note 2)   (see note 3)	A
c) type  d) power rating  e) current rating  f) speed  g) class of insulation  h) duty rating   Measure and record the following operational data  High speed operation  Car loading condition  Car loading condition    Lift   Lift   Lift   Lift   Lift   (see note 2)   (see note 3)	A
d) power rating e) current rating f) speed g) class of insulation h) duty rating  Measure and record the following operational data  High speed operation Car loading condition Car loading condition Lift Lift Speed (see note 2) Speed (note 1) (note 1) Running Start Running Start Running Start V A A V A A V A A Rated Rated  Empty Up Down Rated	A
e) current rating f) speed g) class of insulation h) duty rating  Measure and record the following operational data  High speed operation  Car loading condition  Car loading condition  Car loading condition  Lift Lift Lift Motor input (see note 2)  speed (note 1)  (note 1)  Running Start Running Start Running Start Rated  Empty Up Down  Rated  Rated  Down  Rated	A
f) speed g) class of insulation h) duty rating  Measure and record the following operational data  High speed operation Car loading condition  Car loading condition  Lift Lift Lift motor input (see note 2)  speed (note 1)  (note 1)  (note 1)  Running Start Running Running Start Running Running Running Running Running Running Running Running Running R	
g) class of insulation h) duty rating  Measure and record the following operational data  High speed operation  Car loading condition  Car loading condition  Lift Lift Lift Lift (see note 2)  speed (note 1)  (note 1)  (note 1)  Running Start Running Start Running Start Running Start Running Start Rated Up	r/min
h) duty rating  Measure and record the following operational data  High speed operation  Car loading condition  System input (see note 2)  Car loading condition  System input (see note 3)  Car loading condition  System input (see note 2)  Car loading condition  System input (see note 3)  Car loading condition  Car loading condition  System input (see note 3)	
Measure and record the following operational data    High speed operation   Car loading condition   Lift   Lift   Lift motor input (see note 2)   (see note 3)	
High speed operation   Car loading   Lift   Lift   motor input   (see note 2)   (see note 3)	
Running   Start   Running	Leveling deviation (+ or -)
Empty Up Down Rated Up	(note 4)
Rated Up	mm
NOTE 1 Complete either the lift motor speed or the lift speed column in its entirety and m only in the alternative column for the "rated up" condition.	ke one entry
NOTE 2 Take the motor room current readings on conductors adjacent to the motor terms the motor is running steadily.	nal block, while
NOTE 3 Energy convertor or equivalent. Measure the system input to the controller form to	ne main supply.
NOTE 4 State the maximum deviation in the appropriate box (i.e. one entry only).	
Quote the following data on, the associated energy convertor(s) nameplate (if applicable	

	b)	serial no.:					
	c)	input:	kW	1	Α	V	rpm
	d)	output:	kW		Α	V	rpm
. Li	ft motor ov	ercurrent protective	devices - Mai	n windi	ngs		
3.1)	Measure and	record the following (as ap	opropriate).				
,	mododi o di io	record the following (as ap	propriate).				
		Type of device	Manual reset	Automa reset	Time to operate	Trip current	
		Type of device	reset	reset	s	A	
		Circuit-breaker		-	3		
		Overloads, in each phase		-		Full land	
		Timing relay Thermistor		-		Full load	
2 01	11		•				
3.2)	Have these b	een found to be satisfactor	y'?			Yes	No
1. C	onvertor in	put					
4 1)	Manaura and	record the following (se an	nensiata).				
4.1)	weasure and	record the following (as ap	propriate):				
			Manual	Automa	Time to	Trip current	
		Type of device	reset	reset	operate		
		Circuit-breaker		-	S	Α	
		Overloads, in each phase		-			
		Timing relay		-		Full load	
		Thermistor					
4.2)	Have these b	een found to be satisfactory	/?			Yes	No
	r roof cont	rol station					
. O	ii iooi com	ioi station					
			down:	m/s			
5.1)	Speed up :	m/s Speed	down.				
5.1)	Speed up :	m/s Speed	dom.				
).ii		m/s Speed		mply		Yes	No
1.5	Do the design			mply		Yes	No
1.5	Do the design	n and the operation of the ca ant SANS Specification?	ar roof station co		h complies v		
).ii	Do the design with the relev	n and the operation of the ca ant SANS Specification? ed, the car roof shall be fitted	ar roof station co	ade, whic	E8		
115	Do the design with the relev	n and the operation of the ca ant SANS Specification?	ar roof station co	ade, whic	E8		
5.2)	Do the design with the relev	n and the operation of the ca ant SANS Specification? ed, the car roof shall be fitte shall fulfill the requirements	ar roof station co	ade, whic	E8		
5.2)	Do the design with the relevant where require The car roof stry cycle test	n and the operation of the ca ant SANS Specification? ed, the car roof shall be fitte shall fulfill the requirements	ar roof station co ed with a ballustra of the relevant S	ade, whic	E8	vith the SANS Spec	dification
5.2)	Do the design with the relevant where require the car roof sort cycle test to boes the lift of the car to the	and the operation of the cant SANS Specification?  ed, the car roof shall be fitted shall fulfill the requirements  st  operate satisfactorily for a person of the cantal fulfill the sequirements.	ar roof station co ed with a ballustra of the relevant S eriod of at least 0	ANS Spe	E8		
5.2)	Do the design with the releving with the requirement of the car roof sometimes of the car roof s	and the operation of the cant SANS Specification?  ed, the car roof shall be fitted shall fulfill the requirements  st  operate satisfactorily for a powith rated load, full travel a	ar roof station co ed with a ballustra of the relevant S eriod of at least 0 and intermediated	ANS Spe	cification.	vith the SANS Spec	dification
5.2)	Do the design with the releving with the requirement of the car roof sometimes of the car roof s	and the operation of the cant SANS Specification?  ed, the car roof shall be fitted shall fulfill the requirements  st  operate satisfactorily for a person of the cantal fulfill the sequirements.	ar roof station co ed with a ballustra of the relevant S eriod of at least 0 and intermediated	ANS Spe	cification.	vith the SANS Spec	dification
5.2) 5. Du	Do the design with the relevance with the requirement of the car roof sometimes of the car roof	and the operation of the carnt SANS Specification?  ed, the car roof shall be fitted shall fulfill the requirements  st  operate satisfactorily for a powith rated load, full travel are arts at least equal to the number of the satisfactorily for a powith rated load, full travel are arts at least equal to the number of the satisfactorily for a powith rated load, full travel are arts at least equal to the number of the satisfactorily for a power o	ar roof station co ed with a ballustra of the relevant S eriod of at least 0 and intermediated	ANS Spe	cification.	vith the SANS Spec	dification
5.2) 5. Du	Do the design with the relevance with the requirement of the car roof sometimes of the car roof	and the operation of the cant SANS Specification?  ed, the car roof shall be fitted shall fulfill the requirements  st  operate satisfactorily for a powith rated load, full travel a	ar roof station co ed with a ballustra of the relevant S eriod of at least 0 and intermediated	ANS Spe	cification.	vith the SANS Spec	dification
5.2) 5. Du	Do the design with the relevance with the requirement of the car roof sometimes of the car roof	and the operation of the carnt SANS Specification?  ed, the car roof shall be fitted shall fulfill the requirements  st  operate satisfactorily for a powith rated load, full travel are arts at least equal to the number of the satisfactorily for a powith rated load, full travel are arts at least equal to the number of the satisfactorily for a powith rated load, full travel are arts at least equal to the number of the satisfactorily for a power o	ar roof station co ed with a ballustra of the relevant S eriod of at least 0 and intermediated	ANS Spe	cification.	vith the SANS Spec	dification
5.2) 5. Du	Do the design with the relevance with the requirement of the car roof sometimes of the car roof	and the operation of the carnt SANS Specification?  ed, the car roof shall be fitted shall fulfill the requirements  st  operate satisfactorily for a powith rated load, full travel arts at least equal to the number of the same of the	ar roof station co ed with a ballustra of the relevant S eriod of at least 0 and intermediated	ANS Spe	cification.	vith the SANS Spec	dification
5.2) 5. Du	Do the design with the relevance with the requirement of the car roof sometimes of the car roof	and the operation of the carnt SANS Specification?  ed, the car roof shall be fitted shall fulfill the requirements  st  operate satisfactorily for a powith rated load, full travel arts at least equal to the number of the same of the	ar roof station co ed with a ballustra of the relevant S eriod of at least 0 and intermediated	ANS Spe	cification.	vith the SANS Spec	dification
5. Du	Do the design with the relevance with the requirement of the car roof sometimes of the car roof	and the operation of the carnt SANS Specification?  ed, the car roof shall be fitted shall fulfill the requirements  st  operate satisfactorily for a powith rated load, full travel arts at least equal to the number of the same of the	ar roof station co ed with a ballustra of the relevant S eriod of at least 0 and intermediated	ANS Spe	cification.	vith the SANS Spec	dification
5.2)	Do the design with the relevit Where require The car roof so the lift of when running at a rate of start the answer	and the operation of the carnt SANS Specification?  ed, the car roof shall be fitted shall fulfill the requirements  st  operate satisfactorily for a powith rated load, full travel arts at least equal to the number of the same of the	ar roof station co ed with a ballustra of the relevant S eriod of at least 0 and intermediated	ANS Spe	cification.	vith the SANS Spec	dification

17.1)	Is the maximum load (e.g. number of persons, kg and identification no.) indicated in the car?	Yes	No	
17.2)	Does it comply with the relevant SANS Specification?	Yes	No	
17.3)	Is an overload monitoring device fitted in accordance with the relevant SANS Specification?	Yes	No	
17.4)	Does the fire control system (if provided) comply with the local Building Regulations?	Yes	No	
17.5)	Are the emergency instructions displayed anywhere?	Yes	No	
17.6)	Does the emergency operation system(s) function correctly, in accordance with the relevant SANS Specification?	Yes	No	
17.7)	Has the functioning of the emergency operation system(s) been demonstrated?	Yes	No	
	If the answer is YES, to whom has it been demonstrated?	Yes	No	
	Name:			
	Organization:			
17.8)	Is the artificial lighting in the machine room adequate for maintenance purposes?	Yes	No	
17.9)	Does the artificial lighting in the well (if required) comply with the relevant Regulations and Standards?	Yes	No	
17.10)	In the case of an installation without a machinery room, are the machine spaces satisfactory and safe?	Yes	No	
17.11)	What are the means of emergency communication for passengers?			
17.12)	Do the emergency communications work?	Yes	No	
17.13)	Does the emergency lighting of the car comply with the relevant Regulations and Standards?	Yes	No	
18. C	onclusions			
18.1)	Is the lift installation complete?			
18.2)	Does this installation comply with all relevant Regulations and Standards?			
18.3)	If the answer to any question in this document was <b>No</b> , then it must be explained / substantiated in the space provided below.			
10 Da	elevation of Donistand ECCA Lift Increases 9 Outprocing CA	NAC Designations of the		
19 De	claration of Registered ECSA Lift Inspector & Overseeing SA	INAS Registered I	nspec	ctor.

Position(s), in the above organisation, of the person(s)  Position(s), in the above organisation organisati	lame and address of company esponsible for examination  Position(s), in the above organisation, of the person(s)  Position(s), in the above organisation of the person(s)  Position(s), in the per	lame and address of company esponsible for examination  Position(s), in the above organisation, of the person(s)  Position(s), in the above organisation of the person(s)  Position(s), in the per	Alame and address of company esponsible for examination  Position(s), in the above organisation, of the person(s)  Alualifications of the examination  Policy Declaration of Overseeing SANAS Registered Lift Inspector.  Certify that on the installation was checked/overseen and verified by my self elegistered Lift Inspector @ ECSA registration Number  Registered SANAS inspection body Number lame in Block Letters:  Signature:  Date of issue:			
Qualifications of the examiner  20 Declaration of Overseeing SANAS Registered Lift Inspector.  certify that on the installation was checked/overseen and verified by my self Registered Lift Inspector @ ECSA registration Number Registered SANAS inspection body Number Name in Block Letters: Signature: Date of issue:  Registered Lift Inspector @ ECSA registration Number	Position(s), in the above organisation, of the person(s) who conducted the examination  Qualifications of the examiner  20 Declaration of Overseeing SANAS Registered Lift Inspector.  certify that on the installation was checked/overseen and verified by my self Registered Lift Inspector @ ECSA registration Number  Registered SANAS inspection body Number  Name in Block Letters: Signature: Date of issue:  Registered Lift Inspector @ ECSA registration Number	Position(s), in the above organisation, of the person(s) who conducted the examination  Qualifications of the examiner  20 Declaration of Overseeing SANAS Registered Lift Inspector.  certify that on the installation was checked/overseen and verified by my self Registered Lift Inspector @ ECSA registration Number  Registered SANAS inspection body Number  Name in Block Letters: Signature: Date of issue:  Registered Lift Inspector @ ECSA registration Number	Position(s), in the above organisation, of the person(s) who conducted the examination  Qualifications of the examiner  20 Declaration of Overseeing SANAS Registered Lift Inspector.  certify that on the installation was checked/overseen and verified by my self Registered Lift Inspector @ ECSA registration Number  Registered SANAS inspection body Number  Name in Block Letters: Signature: Date of issue:  Registered Lift Inspector @ ECSA registration Number	Name in Block Letters :	Signature:	Date of inspection:
Qualifications of the examiner  20 Declaration of Overseeing SANAS Registered Lift Inspector.  Certify that on the installation was checked/overseen and verified by my self  Registered Lift Inspector @ ECSA registration Number  Registered SANAS inspection body Number  Registered Lift Inspector @ ECSA registration Number  Registered Lift Inspector @ ECSA registration Number	Qualifications of the examiner  20 Declaration of Overseeing SANAS Registered Lift Inspector.  Certify that on the installation was checked/overseen and verified by my self Registered Lift Inspector @ ECSA registration Number  Registered SANAS inspection body Number  Registered Lift Inspector @ ECSA registration Number  Registered Lift Inspector @ ECSA registration Number	Qualifications of the examiner  20 Declaration of Overseeing SANAS Registered Lift Inspector.  Certify that on the installation was checked/overseen and verified by my self Registered Lift Inspector @ ECSA registration Number  Registered SANAS inspection body Number  Registered Lift Inspector @ ECSA registration Number  Registered Lift Inspector @ ECSA registration Number	Qualifications of the examiner  20 Declaration of Overseeing SANAS Registered Lift Inspector.  Certify that on the installation was checked/overseen and verified by my self  Registered Lift Inspector @ ECSA registration Number  Registered SANAS inspection body Number  Registered Lift Inspector @ ECSA registration Number  Registered Lift Inspector @ ECSA registration Number	Name and address of company esponsible for examination		
20 Declaration of Overseeing SANAS Registered Lift Inspector.  certify that on the installation was checked/overseen and verified by my self  Registered Lift Inspector @ ECSA registration Number	20 Declaration of Overseeing SANAS Registered Lift Inspector.  certify that on the installation was checked/overseen and verified by my self  Registered Lift Inspector @ ECSA registration Number  Registered SANAS inspection body Number  Name in Block Letters : Signature:	20 Declaration of Overseeing SANAS Registered Lift Inspector.  certify that on the installation was checked/overseen and verified by my self  Registered Lift Inspector @ ECSA registration Number  Registered SANAS inspection body Number  Name in Block Letters : Signature:	20 Declaration of Overseeing SANAS Registered Lift Inspector.  certify that on	Position(s), in the above organisation, who conducted the examination	of the person(s)	
certify that on the installation was checked/overseen and verified by my self  Registered Lift Inspector @ ECSA registration Number	Registered Lift Inspector @ ECSA registration Number  Registered SANAS inspection body Number  Name in Block Letters : Signature: Date of issue:  Registered Lift Inspector @ ECSA registration Number	certify that on the installation was checked/overseen and verified by my self  Registered Lift Inspector @ ECSA registration Number  Registered SANAS inspection body Number  Name in Block Letters: Signature: Date of issue:  Registered Lift Inspector @ ECSA registration Number	certify that on the installation was checked/overseen and verified by my self  Registered Lift Inspector @ ECSA registration Number  Registered SANAS inspection body Number  Name in Block Letters: Signature: Date of issue:  Registered Lift Inspector @ ECSA registration Number	Qualifications of the examiner		
Registered Lift Inspector @ ECSA registration Number  Registered SANAS inspection body Number  Name in Block Letters : Signature: Date of issue:  Registered Lift Inspector @ ECSA registration Number	Registered Lift Inspector @ ECSA registration Number  Registered SANAS inspection body Number  Name in Block Letters: Signature: Date of issue:  Registered Lift Inspector @ ECSA registration Number	Registered Lift Inspector @ ECSA registration Number  Registered SANAS inspection body Number  Name in Block Letters: Signature: Date of issue:  Registered Lift Inspector @ ECSA registration Number	Registered Lift Inspector @ ECSA registration Number  Registered SANAS inspection body Number  Name in Block Letters: Signature: Date of issue:  Registered Lift Inspector @ ECSA registration Number			
Name in Block Letters : Signature: Date of issue:  Registered Lift Inspector @ ECSA registration Number	Registered Lift Inspector @ ECSA registration Number	Name in Block Letters : Signature: Date of issue:  Registered Lift Inspector @ ECSA registration Number	Name in Block Letters : Signature: Date of issue:  Registered Lift Inspector @ ECSA registration Number			
Registered Lift Inspector @ ECSA registration Number	Registered Lift Inspector @ ECSA registration Number	Registered Lift Inspector @ ECSA registration Number	Registered Lift Inspector @ ECSA registration Number			
				Name in Block Letters :	Signature:	Date of issue:
Name in Block Letters : Signature: Date of issue:	Name in Block Letters : Signature: Date of issue:	Name in Block Letters : Signature: Date of issue:	Name in Block Letters : Signature: Date of issue:			
				Registered Lift Inspector @ ECSA reg	istration Number	
				Registered Lift Inspector @ ECSA reg  Name in Block Letters:		Date of issue:
						Date of issue:
						Date of issue:
						Date of issue:
						Date of issue:

Comp Reg. No:	ANNEXURE B  Report Reference Number  Job No.			Department of Employm Labour Registration N LEPC ISP:
000000	COMPREHENSIVE REPORT FOR ELECTRIC	LIF	rs	
Report for Ne	w Installations, Modifications, Periodic Inspection and T	estin	a of I	Electric Lifts
nspection Service Provider details:	SANAS registration number:		3	
Physical Address:	Postal Address:			Telephone E-Mail
				Web
NOTE: Statement and replies to the releva deemed to be an <u>actionable</u> item.	nt questions should be noted in the appropriate box. Where "YES" OR "NO"	is indic	ated; t	he appropriate box shall be ticked
1. User and Premises information:				
		A BUTTON		Tallaction of the Control of the Con
1.1 User				
	THE RESERVE THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUMN TWIND TWO IS NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN			
1.2 Name and address of premises				
2. Lift Data				
2.1 Name of OEM	2.9 Official Identification			
.2 Name of installation company	2.10 Serial number			
.3 Year of Installation	2.11 Unit Identification (e.g A or B)			
.4 Installed to S.A.N.S standard	2.12 Functional location			
2.5 Year of modification	2.13 Rated Load & Persons			
.6 Modification installation company	2.14 Rated Speed			
2.7 Equipment modified 2.8 Maintenance service Provider	2.15 Date of Previous Report 2.16 Type of Previous Report			
0				
3 Condition of Lift	tosted to verify that they are eafy complicat and in good warding			
order:	tested to verify that they are safe, compliant and in good working	YES	NO	Test result
) Emergency light, alarm & intercom system (if a	oplicable)	-		
) Landing doors & car door: closing effort, kinetic				
Landing doors & car door: Locks & interlocking	mechanisms ? (Mechanical & electrical)			
) Safety circuit (e.g Over-running devices (Final li	mit switch), E-stops)			
Overspeed governor & safety gear system ?				
Brakes and traction ? (Including dynamic breaking	ng if applicable)	-		
) Load test with weights every four (4) years	ment shoft sit 8 lift sec	-		
) Lighting level - Access, machine room compart Emergency release operation?	nem, snam, pu o int car?			
	inspected to verify that they are safe, compliant and in good working	YES	NO	Inspection condition / result
rder:		-		
	awings, certificates & signage are present in the machine compatment			
Landing & car door: frames, railings, panels, sill Enclosure of machine compartment, lift well & c				
Car & counterweight: guides, foxing, shoes, roll				
Car floor to landing floor levels?				
Machine drive, suspension ropes/belts or chains	and attachments?			
) Condition of the brake and traction				
All electrical equipment? (Also incuding circuit p	rotection)			
if present, the hydraulic condition of jack and pip other parts?	ng			

					YES	NO	Refer to item 5 Non conferment
4.1) Are all relevant records in place in acc	cordance with and life assistant				YES	NO	Refer to item 5 Non confomance
and passenger conveyor regulations?							
<ul> <li>.2) Is the commissioning document compl compartment</li> </ul>	ete and present in the machine	e					
	72						
<ul> <li>Non-conformances of regulatory requir</li> <li>5.1 The following safety items shall</li> </ul>							
	, ,	To the life con be	asea min sarety).				The state of the s
			1				
						**************	
	AND THE RESERVE THE STREET					The same of	
							AND THE STREET, STREET
						10740	
5.2 The following items shall be atte	ended to within a specified peri	iod not exceeding ite	em 60 days. Items Listed I	elow) that are not rec	tified within 60 day	s render	this report invalid and shall be
reported by the inspection servi	ce provider as required						
							and the second s
	The second secon	4.70			No. Alamaka and	-	
	202	THE RESERVE TO BE SHOWN THE PARTY OF THE PAR				THE REAL PROPERTY.	THE RESERVE AND THE PARTY AND THE PARTY AND THE
	50AU22	ACOUNTY OF THE PARTY OF THE PAR					
Declaration by the Registered Li	ift Inspector						
Declaration by the Registered Licertify that on		nly inspected, tested	(or both) this lift and that	he above is a true con	nprehensive report o	f the res	ult
certify that on		nly inspected, tested	(or both) this lift and that t	he above is a true con			
		nly inspected, tested	(or both) this lift and that t	he above is a true con			ult
certify that on		nly inspected, tested	(or both) this lift and that t	he above is a true con			
certify that on		nly inspected, tested	(or both) this lift and that t	he above is a true con			n Number:
certify that on		nly inspected, tested	(or both) this lift and that t	he above is a true con			n Number:
certify that on egistration Category: systical address:		nly inspected, tested	(or both) this lift and that t	he above is a true con			n Number:
egistration Category:  systical address:  serial Address:  ame of Registered Lift Inspector: ontact Telephone Number  echnical Signatory:		nly inspected, tested	(or both) this lift and that t	he above is a true con			n Number:
pertify that on pagistration Category: paysical address: parties of Registered Lift Inspector, parties of Technical Signatory; parties of Technical Signatory;		nly inspected, tested	(or both) this lift and that t	he above is a true con			Signature
certify that on  agistration Category:  systical address:  sistal Address:  sime of Registered Lift Inspector: ontact Telephone Number  cechnical Signatory: sime of Technical Signatory: significant Category: SSA Registration Number:		nly inspected, tested	(or both) this lift and that t	he above is a true con			Signature
pertify that on pagistration Category: pagistration Number: pagistration Number		nly inspected, tested			ECSA R		Signature Signature
certify that on  agistration Category:  systical address:  sistal Address:  sime of Registered Lift Inspector: ontact Telephone Number  cechnical Signatory: sime of Technical Signatory: significant Category: SSA Registration Number:		nly inspected, tested		he above is a true con	ECSA R		Signature
pertify that on pagistration Category: pagistration Number: pagistration Number	I thorough				ECSA R		Signature Signature
pertify that on  agistration Category:  postal Address:  arme of Registered Lift Inspector: portact Telephone Number  acchnical Signatory: gistration Category: gistration Category: tate: (yyyy-mm-dd)  Verification of clause 5  certify that on the	I thorough	ified and			ECSA R		Signature Signature
pertify that on pegistration Category: paysical address: pestal Address: pesta	monthyear veried in clause 5 to my satifac 24 months from the date of	ified and			ECSA R		Signature Signature
pertify that on  agistration Category:  postal Address:  pertify that on the control of the cont	monthyear veried in clause 5 to my satifac 24 months from the date of	ified and			ECSA R		Signature Signature
pertify that on  agistration Category:  postal Address:  pertify that on the control of the cont	monthyear veried in clause 5 to my satifac 24 months from the date of	ified and			ECSA R		Signature Signature



### Annexure A

Doc No

OCCUPATIONAL HEALTH AND SAFETY ACT 85 OF 1993

LIFT, ESCALATORS AND PASSENGER CONVEYOR REGULATIONS

ALL TESTS IN ACCORDANCE WITH SANS 1543 / SANS 115

# Commissioning Report for Escalators and Travelators (motorised walkways)

NOTE: Statements and replies to all relevant questions should be annotated in the appropriate boxes. Where multiple questions are posed, only one of the alternate boxes should be ticked X

Description of Installation	Date :
Name of User (Owner / User):	Equipment Manufacturer name  Country of manufacture
Building Name:	and factory address
Building Address:	Sold & Installed by (Vendor)
	State if Annexure is applicable to New building, full replacement upgrade/modification (extend)
Floor to floor vertical height mm	Official Installation number:
Travel direction if set permanent	Vendor Identification No:
Inclination angle o	Functional name and/or location:
Environment (Indoor, out-door)	Туре:
Serving floor (e.g., G - 1)	Direct star Delta Soft start  V3F Slow down V3F Slow stop/start
Escalator / travelator duty & speed	Steps
Segment (office, mall)	a) Step or rubber belt
Duty rating / people movepersons / hour	b) Step / belt widthmm
Rated Speed m/s	c) Amount of flat steps at return station
	d) Total amount of steps
Truss enclosure	1
a) Stainless steel b) Glazed	c) Steel plate d) Concrete / brick

	c) Steel plate	d) C	tner		
Electrical Power supply:	Electrical supp		nanent:		
Volts supply V	(durin	g construction) Tem	porary:		
Amps rating of C/B	If temporary -the paccordingly	power supply section	on needs to be re	e-meas	ured and recor
ype of supply:	Have the correct cir	rcuit breakers / fu	ises been fitted	1?	
3 phase + E 3 wire+N+E	Yes		No		
Single Phase + E	Lock out and tag	n out possible			
olligio i riado i E	Supply marked v		ed from		
Have the correct circuit breakers / fuses been fitted ? Yes No		ker/isolator withir			
. Chains	3.	Handrail			
) Step chain length per	mm	a) Handrail typ	e vynil / rubbe	r	
) Step chain serial number		b) Handrail len	gth (per unit)		mm
) Normal or lubrication free					
) Manufacturer info present Yes No					
.1 Structure					
) Is the exterior cladding provided and are the panels securely t	fixed?	Yes		No	
) Is the cladding protected from oil spills by means of trays thro	ughout it length?	Yes		No	
Is it readily possible to clear fire hazardous material from the d	rive-end an No	Yes		No	
) Can drive-end & return-end enclosure doors/covers only be ope	ened by a special key	//tool? Yes		No	
) Do the landing floor plates have a non-slip surface?		Yes		No	
Do the landing floor plates have switches to prevent the unit from	m operating if not in p	olace Yes		No	
) Should bollards be required, are they compliant and fitted in the (Not on the escalator platform itself)	e correct position	Yes		No	
Are the protection plates between the escalator steps and pit st in the top and bottom pits?	tanding area present	Yes		No	
Are there safe and practical means (step plate) for the technicia out the top and bottom pits?	n to climb safely in ar	nd Yes		No	
If applicable - Is a mid-support required & in order (due to escala	ator length and design	n) Yes		No	

3.1 Are the landings level and securely fastened to the support beams?	Yes		No	
3.2 Is the drive machine adequately secured and the drive chain equipped with a broken chain stopping device and switch?	Yes		No	
3.3 Is the return-end equipped with an affective chain tensioning device(s) and effective switches in the safety circuit?	Yes		No	
3.4 Is the overspeed device operative as designed?	Yes		No	
3.5 Is the operational main brake on the drive motor-set effective?	Yes		No	
3.6 Should the vertical travel exceed 6 meters, is a secondary brake present and operational?	Yes		No	
3.7 What is the stopping distance in the down direction with the prescribed test load?				mm
3.8 What is the stopping distance in the down direction with no load?				mm
4. Steps and combs (Top and bottom return station)				
4.1 Are the steps properly aligned with the comb plates	Yes		No	
4.2 Is the comb plate equipped with an effective safety switch?	Yes		No	
4.3 What is the running clearance between the comb plate and step	UL			
	LL			
4.4 Is the required step demarcation in place per the requirement of the standard?	Yes		No	
4.5 What is the maximum gap between steps, measured at the top flat step at 4 points approximately evenly spaced?	Point Point			mm mm
approximately evenly spaced:	Point			mm
		-		
	Point	-		mm
4.6 Are the landings adequately lit by the general lighting?		-	No	
<ul><li>4.6 Are the landings adequately lit by the general lighting?</li><li>4.7 Are comb plate lights fitted and in working order?</li></ul>	Point	-	No No	
	Point Yes	-		
4.7 Are comb plate lights fitted and in working order?	Point Yes	-		
4.7 Are comb plate lights fitted and in working order?  5. Balustrade and Skirting	Point Yes Yes	-	No	
<ul> <li>4.7 Are comb plate lights fitted and in working order?</li> <li>5. Balustrade and Skirting</li> <li>5.1 Is the skirting smooth and butt-jointed without protruding screws or other obstruction?</li> <li>5.2 What is the maximum clearance, step to skirting, on any one side? What is the total of</li> </ul>	Point Yes Yes	-	No	mm
<ul> <li>4.7 Are comb plate lights fitted and in working order?</li> <li>5. Balustrade and Skirting</li> <li>5.1 Is the skirting smooth and butt-jointed without protruding screws or other obstruction?</li> <li>5.2 What is the maximum clearance, step to skirting, on any one side? What is the total of both sides?</li> </ul>	Point Yes Yes Yes	-	No	mm
<ul> <li>4.7 Are comb plate lights fitted and in working order?</li> <li>5. Balustrade and Skirting</li> <li>5.1 Is the skirting smooth and butt-jointed without protruding screws or other obstruction?</li> <li>5.2 What is the maximum clearance, step to skirting, on any one side? What is the total of both sides?</li> <li>5.3 Are inner profile joints smooth &amp; butt-jointed without protruding screws or other obstruction?</li> </ul>	Point Yes Yes Yes	-	No	mm
<ul> <li>4.7 Are comb plate lights fitted and in working order?</li> <li>5. Balustrade and Skirting</li> <li>5.1 Is the skirting smooth and butt-jointed without protruding screws or other obstruction?</li> <li>5.2 What is the maximum clearance, step to skirting, on any one side? What is the total of both sides?</li> <li>5.3 Are inner profile joints smooth &amp; butt-jointed without protruding screws or other obstruction?</li> <li>5.4 Of what material is the balustrade made?</li> </ul>	Point Yes Yes Yes	-	No No	mm
<ul> <li>4.7 Are comb plate lights fitted and in working order?</li> <li>5. Balustrade and Skirting</li> <li>5.1 Is the skirting smooth and butt-jointed without protruding screws or other obstruction?</li> <li>5.2 What is the maximum clearance, step to skirting, on any one side? What is the total of both sides?</li> <li>5.3 Are inner profile joints smooth &amp; butt-jointed without protruding screws or other obstruction?</li> <li>5.4 Of what material is the balustrade made?</li> <li>5.5 Is it firmly secured without obstruction and proper gaps or cover strips to panels?</li> </ul>	Yes Yes Yes Yes	-	No No	mm
<ul> <li>4.7 Are comb plate lights fitted and in working order?</li> <li>5. Balustrade and Skirting</li> <li>5.1 Is the skirting smooth and butt-jointed without protruding screws or other obstruction?</li> <li>5.2 What is the maximum clearance, step to skirting, on any one side? What is the total of both sides?</li> <li>5.3 Are inner profile joints smooth &amp; butt-jointed without protruding screws or other obstruction?</li> <li>5.4 Of what material is the balustrade made?</li> <li>5.5 Is it firmly secured without obstruction and proper gaps or cover strips to panels?</li> <li>5.6 Is the handrail decking properly fitted without hazard to hands?</li> </ul>	Yes Yes Yes Yes Yes	-	No No No	mm
<ul> <li>4.7 Are comb plate lights fitted and in working order?</li> <li>5. Balustrade and Skirting</li> <li>5.1 Is the skirting smooth and butt-jointed without protruding screws or other obstruction?</li> <li>5.2 What is the maximum clearance, step to skirting, on any one side? What is the total of both sides?</li> <li>5.3 Are inner profile joints smooth &amp; butt-jointed without protruding screws or other obstruction?</li> <li>5.4 Of what material is the balustrade made?</li> <li>5.5 Is it firmly secured without obstruction and proper gaps or cover strips to panels?</li> <li>5.6 Is the handrail decking properly fitted without hazard to hands?</li> <li>5.7 Is balustrade lighting provided &amp; in good order and does it have earth leakage protection?</li> </ul>	Yes Yes Yes Yes Yes Yes Yes Yes	-	No No No No	mm
<ul> <li>4.7 Are comb plate lights fitted and in working order?</li> <li>5. Balustrade and Skirting</li> <li>5.1 Is the skirting smooth and butt-jointed without protruding screws or other obstruction?</li> <li>5.2 What is the maximum clearance, step to skirting, on any one side? What is the total of both sides?</li> <li>5.3 Are inner profile joints smooth &amp; butt-jointed without protruding screws or other obstruction?</li> <li>5.4 Of what material is the balustrade made?</li> <li>5.5 Is it firmly secured without obstruction and proper gaps or cover strips to panels?</li> <li>5.6 Is the handrail decking properly fitted without hazard to hands?</li> <li>5.7 Is balustrade lighting provided &amp; in good order and does it have earth leakage protection?</li> </ul>	Yes Yes Yes Yes Yes Yes Yes Yes	-	No No No No	mm
<ul> <li>4.7 Are comb plate lights fitted and in working order?</li> <li>5. Balustrade and Skirting</li> <li>5.1 Is the skirting smooth and butt-jointed without protruding screws or other obstruction?</li> <li>5.2 What is the maximum clearance, step to skirting, on any one side? What is the total of both sides?</li> <li>5.3 Are inner profile joints smooth &amp; butt-jointed without protruding screws or other obstruction?</li> <li>5.4 Of what material is the balustrade made?</li> <li>5.5 Is it firmly secured without obstruction and proper gaps or cover strips to panels?</li> <li>5.6 Is the handrail decking properly fitted without hazard to hands?</li> <li>5.7 Is balustrade lighting provided &amp; in good order and does it have earth leakage protection?</li> </ul>	Yes Yes Yes Yes Yes Yes Yes Yes	-	No No No No	mm

5.9 Are anti-climb devices fitted and in accordance with the requirements of the standards?	Yes	No	
6. Handrail (Top and bottom return)			
6.1 Is the handrail free-running and properly tensioned?	Yes	No	
6.2 Are the handrail entry points provided with protective devices & effective safety switches?	Yes	No	
6.3 Is the handrail drive system sound and in good working order, with provision to take up future stretch in handrail system?	Yes	No	
6.4 Is the unit provided with a broken handrail switch?	Yes	No	
6.5 Are the distances between the escalator handrail & the building balustrade in accordance with the minimum and maximum distances as stipulated in the standard?	Yes	No	
6.6 Should there be a risk of a person's bodypart getting stuck between the escalator handrail and the passing floor, are there compliant devices in place to prevent this from happening. (running clearances in general to be adhered to)	Yes	No	
7 Controls			
7.1 Are control panels effective at both landings and with "start" operation key, switches with detachable lever, and lockable protective caps for switches operated, and with stop button readily accessible?	Yes	No	
7.2 Are control panels so positioned that the operator can have a clear view of the	Yes	No	
entire escalator?			
7.3 Are plugs provided in drive and return stations for portable inspection units?	Yes	No	
7.4 Are portable inspection units equipped with a "stop" function which locks into position and prevents start operation form any other source? (Require one unit per escalator)	Yes	No	
7.5 Are there permanent fixed emergency stop switches in the top and bottom pit? Not referring to the stop switch on the controller itself (can be removed out of pit)	Yes	No	
8 Notices			
8.1 Are the following mandatory notices (fault codes) displayed for			
a) Absence of control voltage	Yes	No	
b) Control circuit fault to earth	Yes	No	
c) Overload detection of motor	Yes	No	
d) Overspeed control	Yes	No	
e) Non-reversal switch	Yes	No	
f) Operation of auxiliary brake	Yes	No	
g) Prevention of obstruction under comb plate	Yes	No	
h) Operation of handrail guard	Yes	No	
i) Stopping of successive escalators	Yes	No	

Yes		No	
Yes		No	
Yes		No	
Yes		No	
			-
Yes		No	
⁄es		No	
			Α
			r/min
	Yes Yes Yes Yes Yes Yes Yes	YesYesYesYesYesYesYesYesYesYesYesYesYes	Yes No

motor speed (note 1) r/min on e.g. Star se following vice	speed (note 1)  m/s  / Delta , VVVF etc (as appropriate):  Manual res	V	peed Operation motor input (note 2) Running  A	Start		A	Start	current A
motor speed (note 1) r/min on e.g. Star the following vice	speed (note 1) m/s  / Delta , VVVF etc (as appropriate):  Manual res	V	motor input (note 2) Running	Start	V Time to operate	ate 3)	Start	A
motor speed (note 1) r/min on e.g. Star se following vice	speed (note 1) m/s  / Delta , VVVF etc (as appropriate):  Manual res	V	motor input (note 2) Running	Start	V Time to operate	ate 3)	Start	A
speed (note 1)  r/min  on e.g. Star ne following  vice	(note 1)  m/s  / Delta , VVVF etc (as appropriate):  Manual res	V	motor input (note 2) Running	Start	V Time to operate	ate 3) ag A	Start	A
speed (note 1)  r/min  on e.g. Star ne following  vice	(note 1)  m/s  / Delta , VVVF etc (as appropriate):  Manual res	V	motor input (note 2) Running	Start	V Time to operate	ate 3) ag A	Start	A
speed (note 1)  r/min  on e.g. Star ne following  vice	(note 1)  m/s  / Delta , VVVF etc (as appropriate):  Manual res	V	Running	A	V Time to operate	A A	Trip	A
r/min on e.g. Star ne following vice	m/s  / Delta , VVVF etc (as appropriate):  Manual res	V	A	A	Time to operate	A	Trip	A
on e.g. Star ne following vice	/ Delta , VVVF etc (as appropriate): Manual res	<b>.</b>			Time to operate		Trip	A
on e.g. Star ne following vice	(as appropriate):  Manual res		Automatic	eset	operate (	Some		A
on e.g. Star ne following vice	(as appropriate):  Manual res		Automatic re	eset	operate (	Some		A
ne following	(as appropriate):  Manual res		Automatic re	eset	operate (	Some		A
phase		et	Automatic re	eset	operate (	Some		A
phase		et	Automatic	eset		(s)		
	sfactory?				Yes		No	
	sfactory?				Yes		No	)
	sfactory?				Yes		No	)
	sfactory?				Yes		No	<b>.</b>
14-6	sfactory?				Yes		No	<b>.</b>
		ΛΩ						
	l N	ΔΩ						
nuity resist	tance to earth les	s than 0,	5 ohms?		Yes [		No	
tective cond	r of the mains supp ductor (for example	oly has a from ligh	cross section on ting supply) wi	of < 10 mm² th at least	Yes [		No	
is connecte	ed.							
it delay?	ote contact operate	a fuse o	r trip		Yes [		No	
's								
lator / DB) i	marked where fed	from in th	ne building		Yes		No	
duit (or in to	runking, or in fitting	s that en	sure		Yes		No	
roughout?	rith SANS				Yes		No	
10	duit (or in t oughout?	duit (or in trunking, or in fitting	duit (or in trunking, or in fittings that en oughout?		duit (or in trunking, or in fittings that ensure oughout?	duit (or in trunking, or in fittings that ensure Yes oughout?	duit (or in trunking, or in fittings that ensure Yes oughout?	duit (or in trunking, or in fittings that ensure Yes No roughout?

19 Lighting and Socket outlets				
19.1 Is the electrical supply to the top and bottom well, machinery & tests panel(s)				
independent from the supply to the machine comply with SANS	Yes		No	
19.2 Are there 220 V SANS compliant plug socket outlets present in the top and bottom pit	Yes		No	
19.3 Are all socket outlets fed from a "earthleakage deivce" (RCD) with a maximum tripping curre comply with 5.10.1.2.3 of SANS 50081-20 also refer to 5.1.3.2.2 of SANS 10142	ent of 3 Yes	0mA	No	
b) Tripping current of E/L Unit for socket outlet in the escalator pit		mA		
20 Phase reversal and phase failure device				
20.a The phase reversal and phase failure device operate correctly?	Yes		No	
20.b Return to service / operation is only possible by manual resetting in case of Earth Fault.	Yes		No	
21 General				
21.1 Is the: (Factory serial number & Official Government Identification No)				
indicated on the escalator?	Yes		No	
21.2 Are there a means of access to all items of escalator equipment	Yes		No	
22 Conclusions				
22.1 Is the escalator installation complete and does it comply with the requirements of	Yes		No	
applicable SANS standard				
22.2 Are there any other matters that require attention before the installation can be put into service?	Yes		No	
NOTE Such matters might not form part of the contract for the lift but might form part of the installation and be the responsibility of others.				
22.2.1/4.				
22.3 If the answer to item is YES provide the details.				
23 Declaration of Registered ECSA lift & escalator inspector & Overseeing SANAS Register	red Ins	pector.		
I certify that on the equipment was examined and teste	ed in			
accordance with SANS 115	, u			
Registered Lift Inspector @ ECSA registration Number				
Name in Block Letters : Signature:	Date	of inspection:		
Name and address of company				

responsible for examination					
Position(s), in the above organ who conducted the examinatio	isation, of the pe	erson(s)			
Qualifications of the examiner					
addinion of the examiner					
24 Declaration of Overse	eeing SANAS	Registered Lift &	Escalator Inspect	or.	
certify that on			on was checked/overse	een and verified by my self	
Registered Lift Inspector @ EC Registered SANAS inspection I		lumber			
Name in Block Letters :	ody Number	Signature:		Date of issue:	