

**REPORT OF INSPECTION OF PASSENGER LIFT****Location: NKG Infrastructures Limited- Jalandhar Cantt**

S No.	Description	Remarks	Remarks
	<b>Block Number</b>	<b>N-6</b>	
	<b>DATE OF TESTING</b>	<b>07.12.2019</b>	
<b>A.</b>	<b>LIFT DETAILS</b>	<b>Lift No. 01</b>	
1	Type of Lift	Counter Weight Type	
2	Identification No. of Lift	Job No.: 2-10-13-068	
3	Capacity	13 Passengers (884 Kgs)	
4	Speed	1 M/Sec.	
5	Number Floors served	Gr + 6 Floors	
6	Car Size	2000 x 1300mm	
7	Travel	19200mm	
8	Steel Wire Rope Size	13mm x 10 Falls	
9	Date of Installation	2016	
<b>B.</b>	<b>CAR FEATURES:</b>		
1	Overload Display & Warning device	Provided	OK
2	Voice announcing system	Not Provided	To be provided
3	Handfree Intercom system in car and EPBX intercom sytem in security room	Provided between Car & Machine Room	Not Working
4	Recharable battery operated emergency light & alarm	Provided	OK
5	Ladder in Pit	Provided	OK
6	Wheather all wiring is in Conduite Pipes	Provided	OK
7	Provision of Check nuts & Split Pins in Rope fastening & Termination	Provided	OK
8	Wheather buffers in the pit are equally positioned	Provided	3 nos. for car & 2 nos. for Counter Weights
9	Provision of Lights & Plug points in shaft/ Hoist way to facilitatae maintenance	Provided	Not Working
<b>C.</b>	<b>MACHINE ROOM CHECK POINTS</b>		
1	Adequate Ventilation	OK	Exhaust air louvers to be provided
2	A danger plate on door	Not Provided	Needs to be replaced
3	Trap door	Provided	1. Zebra crossing on trap door may be done. 2. Lock to be provided
4	Main switch	Provided	OK
5	Circuit diagram on wall/ Panel Box	Available with service Engineers	--
6	Wheather Rope tensioning is equal for all ropes	Yes	OK
7	Automatic rescue device	Provided	OK
<b>D.</b>	<b>MACHINE &amp; CONTROLLER</b>		
1	Oil Leakage if any	OK	
2	Abnormal temperature rise of oil, Bearings and motor	OK	
3	Abnormal noise & Vibrations	OK	
4	Wheather UP & DOWN direction arrows on motor or Flywheel marked	Yes	
5	Wheather rubber pads provided under machine and its bed plates	Yes	
6	Wheather control circuit have independent fuses	Yes	
7	Wheather protection against breakage of ropes provided- OSG	Yes	

8	weather cable ferrules marked	Yes	
9	Gap between car & Landing sill	OK	
10	Weather machine body,controller,car frame Limit switches and Conduits properly earthed	Yes	
<b>E.</b>	<b>OPERATION</b>		
1	Operation of all Floor buttons from within the car in UP & DOWN direction on both attendant & Auto Control	OK	
2	Operation of calls given from landing buttons UP & DOWN direction on both attendant & Auto Control	OK	
3	Operation of Door Close & Door Open buttons	OK	
4	Weather Infra Red Curtain provided	Yes	
5	Emergency alarm	OK	
6	Light & Fan	OK	
7	Door locking as checked from each floor	OK	
8	Working of Position and direction indicators in the car and all landings	OK	
9	Smooth sliding of Car & landing doors	OK	
10	While car stopped in between the floors whether the doors can be opened manually from inside	No such Provision	Doors are mechanically interlocked
11	Opening of landing and car doors while lift is moving to see the movement of lift should stops	Not Possible	Doors are mechanically interlocked
12	Operation of Firemen switch	Common switch provided for both lifts.	Not working in attendant mode.
13	Check for Break release device and hand winding provisions	Provided	OK
<b>F.</b>	<b>SAFETY DEVICES</b>		
1	Functioning of protection for Single phasing(SPP)	OK	
2	Operation of Safety gear and also see the undue deformation on the guiderails and stopping distance	Electrically tested	OK
3	Check operation of Safety switches	OK	
4	Operation of Upper Limit Switch	OK	
5	Operation of Lower Limit Switch	OK	
<b>F.</b>	<b>OTHER OBSERVATIONS:-</b>		
1	ID number of lift to be marked on each floor.		
2	Floor level may be marked on each floor.		
3	Machine room to be kept under lock.		
4	Water supply pipelines to be covered for easy & safe movement in front of Machine room.		