

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

| S No.     | Description  | Remarks                             | Remarks   |
|-----------|--|-------------------------------------|---|
|           | <b>Block Number</b>  | <b>N-1</b>                          |   |
|           | <b>DATE OF TESTING</b>   | <b>06.12.2019</b>                   |   |
| <b>A.</b> | <b>LIFT DETAILS</b>  | <b>Lift No. 02</b>                  |   |
| 1         | Type of Lift   | Counter Weight Type                 |   |
| 2         | Identification No. of Lift   | Job No.: 2-10-13-098                |   |
| 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   | Feb-17                              |   |
| <b>B.</b> | <b>CAR FEATURES:</b>   |                                     |   |
| 1         | Overload Display & Warning device  | Provided                            | Not Working   |
| 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                            |   |
| <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   | Provided                            | Needs to be replaced  |
| 3         | Trap door  | Provided                            | 1. Zebra crossing on trap door may be done.<br>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                            | Not Working   |
| <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 | --                                     | Not Working Properly               |
| 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                                   | --                                     | Not Working Properly               |
| 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 also locked |
| 11        | Opening of landing and car doors while lift is moving to see the movement of lift should stops             | Not Possible                           | Doors are mechanically also locked |
| 12        | Operation of Firemen switch  | Common switch provided for both lifts. | Workink OK                         |
| 13        | Check for Break release devise 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.                    |  |                                    |