

## **74 - Point Lift Safety Checklist**

### **High Priority**

- 1**  Presence of harmful materials
- 2**  Drive system with poor stopping/levelling accuracy
- 3**  No or inadequate control functions in case of fire
- 4**  Well enclosures with perforated walls
- 5**  Partially enclosed well with too low enclosure
- 6**  Inadequate locking devices on access doors to well and pit
- 7**  Inadequate vertical surface below landing door sills
- 8**  No or inadequate partition for several lifts in the same well
- 9**  No or inadequate pit screen for several lifts in the same well
- 10**  Insufficient safety spaces in headroom and pit
- 11**  Unsafe pit access
- 12**  No or inadequate stopping devices in the pit or in the pulley room
- 13**  No or inadequate lighting of the well
- 14**  No or unsafe means of access to machine and pulley room
- 15**  No or inadequate protection on different levels in machine room
- 16**  Inadequate lighting in machine or pulley room
- 17**  Perforate landing doors and/or car doors
- 18**  Inadequate design of landing door fixings
- 19**  Inappropriate glass in doors
- 20**  No or inadequate protective devices on power operated doors
- 21**  Unsafe locking device of landing door
- 22**  Unlocking of landing door without a special tool
- 23**  Well enclosure with perforate walls near door locks
- 24**  No automatic closing device on sliding doors
- 25**  Inadequate length of car apron

- 26  Car without doors
- 27  No or inadequate balustrade on car roof
- 28  No or inadequate safety gear and/or over speed governor on electric lifts
- 29  No protection against ascending car over speed
- 30  Inadequate lift machine design for preventing uncontrolled up or down movement of the car whilst the doors are open
- 31  No or inadequate protection against free fall, over speed and creeping on hydraulic lifts
- 32  No or inadequate buffers
- 33  Large gap between car and wall facing the car entrance
- 34  Excessive distance between car door and landing door
- 35  No or inadequate emergency operating system
- 36  No independent starting contactors
- 37  Insufficient protection against electric shock and/or marking of electrical equipment
- 38  No or inadequate inspection control station and stopping device on car roof
- 39  No or inadequate alarm device

### **Medium Priority**

- 40  No or inadequate vandal resistance
- 41  No alarm system in pit or car roof
- 42  Insufficient clearances in machine room
- 43  Inadequate means of handling equipment
- 44  No or inadequate lighting on landing
- 45  Inadequate link between panels of landing doors
- 46  Inadequate fire resistance of landing doors
- 47  Car door moving with open landing door
- 48  Unsafe locking of car roof trap door
- 49  Insufficient ventilation in car
- 50  Inadequate lighting in car

- 51  No or inadequate emergency lighting in car
- 52  No or inadequate protection on sheaves, pulleys and sprockets against injury
- 53  No or inadequate protection against ropes/chains leaving the sheaves, pulleys or sprockets
- 54  No or inadequate slack rope switch for governor rope
- 55  No or inadequate final limit switches
- 56  No or inadequate slack rope/chain device
- 57  No or inadequate low pressure device
- 58  No lockable main switch
- 59  No or inadequate communication system between machine room and car (travel height  $\geq 30\text{m}$ )
- 60  Missing notices, markings and operating instructions

### Low Priority

- 61  No or limited accessibility for disabled persons
- 62  Counterweight/balancing weight without safety gear in case of accessible spaces below well
- 63  No or inadequate partition of counterweight/balancing weight travel path at the lowest terminal
- 64  Slippery floor in machine or pulley room
- 65  No or inadequate protection against dragging of fingers on sliding car or landing doors with glass
- 66  Large car area in relation to rated load
- 67  Insufficient strength of car roof
- 68  No or inadequate protection on sheaves, pulley or sprockets against introduction of objects
- 69  Unsuitable guidance system for counterweight or balancing weight
- 70  No hydraulic shut off valve
- 71  No run-time limiter
- 72  No or inadequate protection of lift machine
- 73  No protection against phase reversal
- 74  No or inadequate load control on car