

**AMENDMENT NO. 1 FEBRUARY 2011
TO
IS 14665 (PART 3/SEC 1) : 2000 ELECTRIC TRACTION
LIFTS**

PART 3 SAFETY RULES

Section 1 Passenger and Goods Lifts

(Page 1, clause 6.1, first para) — Substitute the following for the existing sentence:

‘The net inside car areas for various passenger capacities with corresponding minimum rated loads have been given in Table 1.’

(Page 1, clause 6.1) — Add the following new clause **6.2**:

‘**6.2** Every passenger lift shall be provided with an overload device, which will prevent the lift from starting in case the lift car is loaded to 110 percent of the rated capacity of the lift or more. **Lift shall remain stationery with door open.** Audio & visual warning device shall be provided to alert the passengers in case of overload.’

(Page 2, Table 1) — Substitute the table given on page 2 for the existing table.

(Page 3, clause 9.4) — Add the following new clause **9.5**:

‘**9.5** Battery operated Automatic Rescue Device (ARD) shall be provided on all lifts to take the lifts to the nearest possible landing in case of power failure. In case of lifts equipped with back up generator **with AMF (Automatic Mains Failure) panel**, the provision of ARD is optional. For all lifts with ARD, an audio & visual indicator shall be provided inside the lift car to alert the person trapped inside that he/she is being rescued. Capacity of battery shall be such that minimum three rescue operations can be performed without recharging.’

Amend No. 1 to IS 14665 (Part 2/Sec 1) : 2000

| No. of Passengers | Minimum Rated Load, kg | Minimum Net Inside Car Area, m² | Maximum Net Inside Car Area, m² |
|--------------------------|-------------------------------|---|---|
| (1) | (2) | (3) | (4) |
| 4 | 272 | 0.68 | 0.77 |
| 5 | 340 | 0.85 | 0.95 |
| 6 | 408 | 1.00 | 1.12 |
| 7 | 476 | 1.16 | 1.28 |
| 8 | 544 | 1.31 | 1.45 |
| 9 | 612 | 1.46 | 1.60 |
| 10 | 680 | 1.61 | 1.76 |
| 11 | 748 | 1.77 | 1.91 |
| 12 | 816 | 1.92 | 2.05 |
| 13 | 884 | 2.06 | 2.20 |
| 14 | 952 | 2.23 | 2.34 |
| 15 | 1 020 | 2.35 | 2.47 |
| 16 | 1 088 | 2.48 | 2.61 |
| 17 | 1 156 | 2.62 | 2.74 |
| 18 | 1 224 | 2.75 | 2.87 |
| 19 | 1 292 | 2.88 | 3.00 |
| 20 | 1 360 | 3.01 | 3.13 |
| 21 | 1 428 | 3.14 | 3.25 |
| 22 | 1 496 | 3.26 | 3.38 |
| 23 | 1 564 | 3.39 | 3.50 |
| 24 | 1 632 | 3.51 | 3.61 |
| 25 | 1 700 | 3.62 | 3.73 |
| 26 | 1 768 | 3.74 | 3.85 |
| 27 | 1 836 | 3.86 | 3.96 |
| 28 | 1 904 | 3.97 | 4.07 |
| 29 | 1972 | 4.08 | 4.18 |

(ET 25)