

Requirements for Registration for authorized manufacturers of Lifts / Escalators

(See Rule 2 (1) (a) of Kerala Lift and Escalators Rule 2012 and
Section 9 of Kerala Lifts and Escalators Act 2013)

A lift manufacturing unit or a group of Mechanical / Electrical Engineers or properly designated Agency or person of the manufacturing company of Central or State can apply for getting authorization from this Department if they fulfill the following requirements.

1. Shall have an independent office and workshop within the State of Kerala.
2. (i) Shall produce a Certificate from any Nationalized Bank to the effect that he is solvent to the extent of Rs 5,00,000/- (Rupees Five lakhs only).
(ii) shall produce chalan receipt for Rs.5,000/- (Rupees Five thousand only) as application fee
(iii) shall produce chalan receipt for Rs. 10,000/- (Rupees Ten thousand only) as registration fee
3. Requirements of Staff on Regular Employment.
 - a. Minimum One number of B.Tech. / B.E. Degree holder in Mechanical Engineering with 5 years of experience / Diploma in Mechanical Engineering with 8 years of experience in the field of erection and maintenance of lifts / escalators.
 - b. Minimum one number of B.Tech / B.E. Degree holder in Electrical & Electronics Engineering with 5 years / Diploma in Electrical and Electronics Engineering with 8 years of experience in the field of erection and maintenance of lifts / escalators.
 - c. A minimum number of Five ITI Certificate Holders in the Electrician trade or equivalent with at least 2 years of experience in the field of installation and maintenance of lift / escalators (Electrician 5 nos.).
 - d. One pair of staff (For every 50 lifts / escalators) (One ITI Fitter and one helper) for every ITI Electrician.(Helper and Fitter =5+5
 - e. Adequate numbers of Clerk / attendant having round the clock having the presence in the Office for responding to the complaints.
 - f. total staff = 1+1+5+5+5=17
4. i. Details of workshop and equipments.
 - a. Lathe Machine
 - b. Drilling Machine
 - c. 5kVA Welding Machine
 - d. Hacksaw Machine
 - e. Chain Pulley lock of 3 Ton capacity
 - f. Dead weights according to capacity of lift
 - g. Standard weight trolley
 - h. Other tool required for working etc.ii. Details of electrical testing instruments.
 - i. Clip-on meter for measuring voltage up to 500V and current up to 100A
 - j. Neon tester for entire staff
 - k. Earth tester
 - l. Insulation tester 500V and 1kV
 - m. Multimeter
 - n. Crimping tools 2.5 Sq.mm to 95 Sq.mm
 - o. Extension Board of equal capacity with double insulation and ELCB etc.
5. Safety Gadgets like safety belts and headgears etc. for the entire staff.
6. Library (CEA (Measures Relating to Safety & Electric Supply) Regulation 2010, NBC, NEC, IS 14665/2000 (Part 1, Part 2, Part 3, Part 4 and Part 5), IS 4591/1968, IS 3043/1987, IS 732/1989, IS for maintenance safety.)
7. Details of Group Insurance Policy.

Sd/-
Chief Electrical Inspector