

**1. TITLE OF THE PROFESSION**

07003001 Felvonószerelő

2. TRANSLATED TITLE OF THE PROFESSION

Lift installer

(THIS TRANSLATION HAS NO LEGAL STATUS)

3. PROFILE OF SKILLS AND COMPETENCES

- Based on on-site assessment, prepare a sketch of the component, a dimensioned drawing, and then prepare the plate workpiece;
- Prepare preliminary sketches based on the design of a new lift for construction, to facilitate on-site work;
- Carry out a dimensional check of the future site, based on the processed construction plans, and the measurement of the lift shaft;
- After checking the dimensions of the shaft, install the guide rail support brackets, guide rails and shaft door frames in accordance with the installation plan and operating instructions for the type of lift;
- Lift the drive unit into position and fix it according to its specific characteristics, taking into account the working regulations;
- Assemble and install the car and counterweight, and attach the suspension ropes, in accordance with the installation plan for the type of lift;
- Build the main lift circuit between the main switch, control cabinet and drive unit using an electrical wiring diagram;
- Identify and manage short-circuit and residual current devices. Be aware of potential sources of danger;
- Carry out the complete electrical installation of the lift control system using an electrical wiring diagram;
- Perform programming and software configuration tasks for electronic control units according to the lift manufacturer's specifications;
- Participate in the technical handover process after the operational testing of the completed lift installation;
- Perform necessary and scheduled maintenance according to the manufacturer's instructions regarding the operating lift;
- Perform replacement and adjustment of mechanical parts of the equipment as required;
- Replace and adjust faulty electrical appliances;
- Locate and isolate faults in the control system using the equipment documentation;
- Monitor the operation and technical condition of safety devices, replacing them if necessary;
- Perform programming and software configuration tasks for (lift and door) drive controllers according to the manufacturer's instructions;
- Check the mechanical structure and corrosion condition of the operating lift, which mainly concerns equipment that has been in operation for several decades;
- Inspect equipment and comply with old and new regulations, legal requirements and standards;
- Comply with the necessary health and safety regulations during work, particularly with regard to the construction site, the electrical environment, working at height and on scaffolding, in order to protect themselves and their environment.

4. CLASSIFICATION OF THE VOCATIONAL TRAINING ACCORDING TO THE ISCED FIELDS OF EDUCATION AND TRAINING (ISCED-F)

0700 Technical, industrial and construction industry trainings not further defined

(*) Explanatory notes:

¹ In the original language. | ² The translation of the designation is provided for information purposes only. | ³ Fill it out if necessary. The certificate supplement provides additional information on the qualification but has no legal value in itself. The format of the description is in conformity with Decision (EU) 2018/646 of the European Parliament and of the Council of 18 April 2018 on a common framework for the provision of better services for skills and qualifications (Europass) and repealing Decision No 2241/2004/EC.

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5. OFFICIAL BASIS OF THE CERTIFICATE

Name and status of the authority issuing the certificate	Name and status of the national/regional authority providing accreditation/recognition of the certificate Ministry for Innovation and Technology																		
Level of the certificate (national or international) NQF level: 3 EQF level: 3 Digital Competence Framework level: 3	Grading scale / Pass requirements Five -grade: 5 excellent 4 good 3 satisfactory 2 pass 1 fail																		
Certificate number: CXX A Serial number: 123456 Certificate issue date: 2024.12.12	Designation of the theoretical and practical subjects of the vocational qualification examination and their grades according to a five-grade scale <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <tr> <td colspan="3">written</td> </tr> <tr> <td style="width: 80%;">Technical Drawing and Lift Technician professional skills</td> <td style="width: 10%; text-align: center;">100%</td> <td style="width: 10%; text-align: center;">5</td> </tr> <tr> <td colspan="3">project exercise</td> </tr> <tr> <td>Mechanical and electrical inspection and repair of lifts</td> <td style="text-align: center;">100%</td> <td style="text-align: center;">5</td> </tr> <tr> <td colspan="3">Result of the qualification examination</td> </tr> <tr> <td></td> <td style="text-align: center;">100%</td> <td style="text-align: center;">5</td> </tr> </table>	written			Technical Drawing and Lift Technician professional skills	100%	5	project exercise			Mechanical and electrical inspection and repair of lifts	100%	5	Result of the qualification examination				100%	5
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Access to next level of education/training To higher education	International agreements																		
Other information concerning the vocational training process Applicable legislation imposing the qualification requirement: Government Decree 146/2014 (V. 5.) on lifts, escalators and moving walkways; Decree 21/2010 (V. 14.) NFGM on the qualifications required for the exercise of certain industrial and commercial activities.																			
Legal basis Government Decree 12/2020 (II. 7.) on the Implementation of the Vocational Education and Training Act, Government Decree 319/2020 (VII. 1.) on the amendment of Government Decree 12/2020 (II. 7.) on the Implementation of the Vocational Education and Training Act, Government Decree 95/2021 (II. 27.) on the Amendment of Certain Government Decrees Relating to Vocational Education and Training and Adult Training, Section 13(1) of Act LXXX of 2019 on Vocational Education and Training.																			

6. OFFICIALLY RECOGNISED WAYS OF ACQUIRING THE CERTIFICATE

Description of the sectoral basic training and the theoretical and practical vocational training	Distribution of programme elements in percentage
Total duration of the education/training	600 hours
<p>Entry requirements:</p> <ul style="list-style-type: none">- Educational prerequisite: primary education- Certificate of medical fitness: required <p>Further information:</p> <p>WRITTEN EXAMINATION EXERCISES</p> <p>Preparing technical drawings Theory of work safety Lift engineering skills Lift control skills Legal and technical safety regulation</p> <p>PROJECT EXERCISES</p> <p>Installation and adjustment of lift components Troubleshooting control Building a circuit using control devices, circuit elements</p> <p>You can find more information on the Programme and System Requirements in the following link: https://ikk.hu This certificate supplement was elaborated in accordance with the programme requirements registered by the minister responsible for VET.</p> <p>National Reference Point: National Office of Vocational Education and Training and Adult Learning: https://nrk.nive.hu</p>	

Head of Examination Organiser: Issue date: 2024.12.12	SEAL
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