

Appendix 2 Professional high voltage training and experience requirements.



TenneT Nomination	Vocational training	Required additional qualifications or courses.	Certificate	Experience requirements (indicative)
Access Permitted Person (APP)	N/A		Nomination of own organisation, at least IP.	Platform Instruction.
Instructed Person (IP)	MBO (senior secondary vocational education) level 2 minimum: Electrical Installations Technician.	If the vocational training requirements cannot be met, the additional qualification 'Basic High Voltage Technology NCOI' is obligatory ¹ .	Stipel SP TR + OESS or Stipel NEN 3840 – IP + OESS	6 months internship as IP
Skilled Person (SP)	MBO level 3 minimum: Electrical Installations Technician.	If the vocational training requirements cannot be met, the additional qualification 'Basic High Voltage Technology NCOI' is obligatory ¹ . Switching training course on high voltage installations	Stipel ASP LNB / TR + OESS or Stipel NEN 3840 – SP + OESS	6 months experience as IP + 6 months internship as SP Or 9 months internship as SP
Nominated Person in control of the Work Activity (NPcWA)	MBO level 4 minimum: Electrical Engineering Technician	Switching training course on high voltage installations	Stipel WM TR (stations) + OESS or Stipel NEN 3840 – IM/IM + OESS	6 months as SP + 12 months internship as NPcWA
Nominated Person in control of an Electrical Installation (NPcEI)	MBO level 4 minimum: Electrical Engineering Technician	Switching training course on high voltage installations	Stipel NPcEI TR stations + OESS or Stipel NEN 3840 – NPcEI/NPcWA + OESS	9 months as NPcWA + 12 months internship as NPcEI

¹ It is possible to offer a different qualification. The applicant is then responsible for demonstrating that it meets EQF level 2

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SNPcEI	HBO (higher professional education) Electrical Energy Technology minimum		Stipel SNPcEI TR + OESS	6 months as NPcEI + 12 months internship as SNPcEI.
CO	MBO level 4 minimum: Electrical Engineering Technician in accordance with BEI-BHS Appendix 3 Vocational Technical Training and Experience Requirements for CO TR.			

Additional information:

1. TenneT OESS nomination must be applied for by filling in the application form (TFRM-001). The application form can be downloaded from <https://keb.tennet.eu/>. Send the filled in form to sleutelbeheer@tennet.eu.
2. The table 'Vocational Training' in Appendix 2 of BEI-BLS and Appendix 3 of BEI-BHS are applicable to the required vocational training.
3. All training courses must have been completed with a diploma or certificate. On applying for a TenneT nomination, a copy of the relevant diplomas and certificates must be submitted to TenneT. This does not apply to persons with a Stipel certificate.
4. Persons with a qualification from outside the Netherlands must themselves check whether their qualifications are sufficient in the Netherlands. This can be checked on the webpage of the 'Informatiecentrum Diplomawaardering www.idw.nl.
5. Only THP and IP nominations can be applied for with a Stipel SP, ASP (all-round skilled person) or NEN 3840 certificate SP. For all other nominations, the underlying certificate must be equivalent to the nomination.
6. An internship means that the candidate carries out 75% of the activities under direct supervision of their mentor. 25% of the activities must be carried out separately.

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7. An internship has been successfully completed, if the training programme has been completely filled in and signed.
8. For more information on training, certifications and certified qualifications, see the webpage of Stipel www.stipel.nl.
9. The following Stipel NEN 3140 / 3840 are accepted: IP-HV; section 2, SP-HV; section 3, IM/IM-HV; section 5 (also for OpIM), IP-LV; section 6; SP-LV; section 7 IM/IM-LV; section 8 (also for OpIM); SP-LV/HV; section 23; IM/IM; section 24 (also for OpIM).