

Appendix 01 Overview of work in relation to the nomination.

15-04-2022

Remark: See the appropriate electrical working instructions (ESIs) for more information.

Activity	Electrical Safety Instruction (where applicable) (ESI)	Ordinary Person (OP)	Access Permitted Person (APP)	Instructed Person (IP)	Skilled Person (SP)	Nominated person in control of the work activity (NPcWA)	Nominated person in control of an electrical installation (NPcEI)	Control Operator (CO)
Access								
Independent access to electrical operating rooms with adequately protected installations.	NA	No [8]	Yes	Yes	Yes	Yes	Yes	No
Independent access to electrical operating rooms with inadequately protected installations.	NA	No [8]	No	No	Yes	Yes	Yes	No
Supervision								
Supervise Ordinary Persons in electrical operating rooms with adequately protected installations.	ESI-200	No	Yes	Yes	Yes	Yes	No	No
Supervise Ordinary Persons in electrical operating rooms with inadequately protected installations.	ESI-200	No	No	No	Yes	Yes	No	No
Supervise high voltage tests.	ESI-200	No	No	No	Yes	Yes	No	No
Supervise low voltage tests.	ESI-200	No	No	No	Yes	Yes	No	No
E-Permit								
Draw up a E-Permit.	NA	No	No	No	No	Yes	No	No
Approve/reject a E-Permit.	NA	No	No	No	No	No	Yes	No
Execute a E-Permit.	NA	Yes [5]	Yes [5]	Yes [6]	Yes	Yes	No	No
Control plan								
Draw up a control plan.	NA	No	No	No	No	No	No	Yes

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15-04-2022

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Approve/reject a control plan.	NA	No	No	No	No	No	Yes	No
Execute a control plan.	NA	No	No	No	No	No	No	Yes
Switching								
Switching in high voltage installations.	ESI-100	No	No	No	Yes [7]	Yes [1]	Yes [1]	Yes
Switching in low voltage installations.	ESI-001	No	No	No	Yes [7]	Yes	Yes	No
Switching while bypassing interlocks	ESI-103	No	No	No	No	Yes [7]	No	Yes [1]
Install, remove safety measures incl. LOTO								
Install/remove safety measures at high voltage installations (GIS).	ESI-100	No [8]	No	No	Yes [7]	Yes [7]	No	Yes [3]
Install/remove safety measures on HV / MV voltage transformers.	ESI-100	No [8]	No	No	Yes [7]	Yes [7]	No	Yes [3]
Install/remove safety measures on earthing / auxiliary transformers and shunt reactor.	ESI-100	No [8]	No	No	Yes [7]	Yes [7]	No	Yes [3]
Install/remove safety measures on low voltage installations and (external) connection boxes (incl. direct current installations).	ESI-001	No [8]	No	No	Yes	Yes	No	No
Carry out measurements / tests on electrical isolated installations								
Carry out measurements / tests on high voltage installations (GIS).	Spec.	Yes [5]	Yes [5]	Yes	Yes	Yes	No	No
Carry out measurements / tests on HV / MV transformers.	Spec.	Yes [5]	Yes [5]	Yes	Yes	Yes	No	No
Carry out measurements / tests on earthing / auxiliary transformers.	Spec.	Yes [5]	Yes [5]	Yes	Yes	Yes	No	No

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15-04-2022

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Carry out measurements / tests on low voltage installations and connection boxes (incl. direct current installations).	Spec.	Yes [5]	Yes [5]	Yes	Yes	Yes	No	No
Conducting tests on electrical isolated installations								
Conduct tests on high voltage installations (GIS).	Spec.	Yes [5]	Yes [5]	Yes	Yes	Yes	No	No
Conduct tests on HV / MV voltage transformers.	Spec.	Yes [5]	Yes [5]	Yes	Yes	Yes	No	No
Conduct tests on earthing / auxiliary transformers.	Spec.	Yes [5]	Yes [5]	Yes	Yes	Yes	No	No
Conduct tests on low voltage installations and connection boxes (incl. direct current installations).	Spec.	Yes [5]	Yes [5]	Yes	Yes	Yes	No	No
Conducting external visual inspections								
Conduct external visual inspections of high voltage installations (GIS).	NA	Yes [5]	Yes [5]	Yes	Yes	Yes	No	No
Conduct external visual inspections on HV / MV transformers.	NA	Yes [5]	Yes [5]	Yes	Yes	Yes	No	No
Conduct external visual inspections on earthing / auxiliary transformers.	NA	Yes [5]	Yes [5]	Yes	Yes	Yes	No	No
Conduct external visual inspections on low voltage installations and connection boxes (incl. direct current installations).	NA	Yes [5]	Yes [5]	Yes	Yes	Yes	No	No
Carrying out maintenance and modifications on electrical isolated installations								

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15-04-2022

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Carry out maintenance and/or modifications to high voltage installations (GIS).	Spec.	Yes [5]	Yes [5]	Yes	Yes	No	No	No
Carry out maintenance and/or modifications to high voltage transformers.	Spec.	Yes [5]	Yes [5]	Yes	Yes	No	No	No
Carry out maintenance and/or modifications to earthing / auxiliary transformers.	Spec.	Yes [5]	Yes [5]	Yes	Yes	No	No	No
Carry out maintenance and/or modifications to low voltage installations.	Spec.	Yes [5]	Yes [5]	Yes	Yes	No	No	No
Connecting and disconnecting an emergency generator								
Connecting an disconnecting an emergency generator.	Spec.	Yes[5]	Yes[5]	Yes[2]	Yes[7]	Yes[7]	No	No
Cable works								
Testing of a new LV cable	ESI002	Yes[5]	Yes[5]	Yes[5]	Yes[5]	Yes	Yes	No
Testing of faulty LV cable	ESI002	Yes[5]	Yes[5]	No	Yes[7]	Yes[7]	No	No
Testing of a new HV cable	ESI102	Yes[5]	Yes[5]	No	Yes[7]	Yes[7]	No	No
Testing of faulty HV cable	ESI102	Yes[5]	Yes[5]	No	Yes[7]	Yes[7]	No	No
Connecting and disconnecting an emergency generator								
Connecting an disconnecting an emergency generator.	Spec.	Yes[5]	Yes[5]	Yes[2]	Yes[7]	Yes[7]	No	No
Energising								

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15-04-2022

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Energizing after measurement, testing, inspection or maintenance activities.	E-Permit	No	No	No	Yes [7]	Yes [7]	No	Yes
Energizing after modifications.	Energisation plan (IBN)	No	No	No	Yes [7]	Yes [4,7]	No	Yes
Energizing of new assets.	Energisation plan (IBN)	No	No	No	Yes [7]	Yes [4,7]	No	Yes
Energizing after investigation.	Energisation plan (IBN)	No	No	No	Yes [7]	Yes [4,7]	No	Yes [4]
Non-categorisable								
Non-electrical work (such as cleaning, painting, etc.) in rooms with a adequately protected installation.	NA	Yes[5]	Yes	Yes	Yes	Yes	Yes	No
Non-electrical work (such as cleaning, painting, etc.) in rooms with a inadequately protected installation.	NA	Yes[5]	Yes[5]	Yes	Yes	Yes	Yes	No
Conducting guided tours	NA	No	Yes	Yes	Yes	Yes	Yes	No

[1] Only by instructor of a Control Operator.

[2] Only together with second person with a higher nomination (not nominated as NPcEI or CO).

[3] Only if the earthing switches are controlled by the Control Operator.

[4] Only after agreement of the Nominated Person in control of an Electrical Installation.

[5] Only under supervision of a Skilled Person.

[6] Only in electrical rooms with adequate protection.

[7] Only with a Skilled Person or Nominated Person in control of the Work Activity..

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15-04-2022

[8] See chapter 3.2.6 for the preconditions.

Additional information

1. Nomination in accordance with NEN 3140 and 3840, Chapter 3.2 Personnel, Organisation and Communication, with the exception of the nominations THP and NPcEI.
2. The person with the nomination THP has independent access to the platform only and may not work independently on the electrical operating resources of TenneT. Work also includes measurements, tests and trials.
3. The Installation Manager himself does not carry out work and therefore not included in this table.
4. An approved work plan plan of execution from the nominated person in control of the work activity is always mandatory for all electrical and non-electrical work in electrical operating rooms.
5. Where there is no electrical safety instruction available, an electrical safety instruction must be supplied by the executing party to the NPcWA. Where this is mandatory, this is indicated by spec. (specifically). This electrical safety instruction is part of the work plan or executionplan.