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Title: **AUTHORISATION STANDARD IN
TERMS OF REGULATIONS FOR
HIGH VOLTAGE SYSTEMS**

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Foreword

This standard shall apply throughout Eskom Holdings Limited, its divisions, subsidiaries and entities wherein Eskom has a controlling interest.

Revision history

This revision cancels and replaces revision no 0 of document no **DST 34-146**.

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Acceptance

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This standard shall apply throughout Eskom Holdings Limited, its divisions, subsidiaries and entities wherein Eskom has a controlling interest.

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This document supersedes DISPAVBN2 and Technical Bulletin 99TB036

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Regulations, High Voltage, Authorisation, Systems

1 Scope

The standard is comprehensive and covers all facets of High Voltage authorisations from entry level up to re-authorisation and learning maintenance.

1.1 Purpose

The purpose is to ensure that all Authorised Persons have been trained, declared competent, practically assessed and authorised to an applicable outcome. This document is a commitment to the safety of all personnel and contractors.

1.2 Applicability

This standard sets out the process to, but not limited to Designated Persons, Procurement, Contractors, Human Resources Training and Development, Eskom Academy of Learning on **skills development, competency declaration, assessment and authorisation of Eskom employees** and / or other persons in terms of the Operating Regulations for High Voltage Systems (ORHVS) and the Occupational Health and Safety Act.

2 Normative references

The following documents contain provisions that, through reference in the text, constitute requirements of this standard. At the time of publication, the edition indicated was valid. All controlled documents are subject to revision, and parties to agreements based on this standard are encouraged to investigate the possibility of applying the most recent edition of the documents listed below. Information on currently valid national and international standards and specifications can be obtained from the Information Centre and Eskom Documentation Centre at Megawatt Park.

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EPC 32 - 846, Rev. 0	Operating Regulations for High Voltage Systems
240-70413681	Portfolio of Evidence for authorisation
240-70413865	Assessment Procedure for Authorisation
SCSAMAAF3, Rev. 0	Field Services Operating and Maintenance Quick Reference Manual
SCSPVABX4, Rev. 1	Procedure for the handling of non-conformance
ESKADABP8, Rev. 1	Performance Management Directive
ESKPVABO7, Rev. 1	Procedure on the fair management of Incapacity due to poor work performance
DST 34-1710, Rev. 1	Provision and use of personal protective equipment
DPC 34-380, Rev. 1	Identifying, Analysing, Documenting and Observing dangerous and hazardous tasks
DPC 34-333, Rev. 1	Safety requirements to be met by contractors and sub-contractors employed by Eskom
SCSAMA AH0, Rev. 1	Technical Services and Technical Specialist Officer Manual
DST 34-710, Rev 1	High Voltage Live Work Training Standard
DPC 34-227, Rev 1	Pre- Task planning and Feedback Process
DST 34-1954, Rev 0	Supervision of people in electrically hazardous locations
EPC 32-95, Rev 0	Procedure of the Effective Management of Safety, Health and Environmental related Incidents

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3 Definitions and abbreviations

3.1 Definitions

In addition to the definitions in EPC 32-846, the following definitions also apply.

Appointed: Written confirmation by the Designated Person or employer, with specific duties and responsibilities assigned.

Assessor: Any person who is suitably qualified, registered by the Energy and Water Seta and appointed by the Designated Person to assess and recommend persons for authorisation and is appointed in terms of the following criteria:

- a) Energy and Water SETA Registration
- b) Not specific designation bounded;
- c) Must have a valid ORHVS certificate
- d) Knowledge of the Authorisation process and outcome.

Note - The EWSETA accreditation has to be phased in over a period of time. In the interim, Education and Training accredited assessors will fulfil this function.

Authorisation Outcome: Outcomes are the demonstrable and assessable end products of the authorisation process.

Designated Person: A person appointed under the Occupational Health and Safety Act 85 of 1993. GMR 2(1).

Group learning facilitator: A person appointed in the discipline in which transfer of learning is done, who facilitates structured learning experiences, presents information to groups of learners and conducts assessments.

Individual learning facilitator (ILF/Coach): A person who is authorised to the level of instruction, and is appointed as a Coach in the discipline in which transfer of learning is done, who facilitates practical learning experiences, conducts pre-assessments and presents information to individual learners

Invigilator: A person appointed to ensure that all written/online examinations are conducted in accordance with set duties and responsibilities.

Learning programmes: Learning programmes comprise one or a combination of courses, modules or units of learning (learning materials combined with methodology) by which learners can achieve agreed authorisation outcomes.

Moderator: A person appointed by the Designated Person and registered with the Energy and Water SETA to ensure consistency and quality of assessments.

Non-conformance in competence requirements: Non-achievement in meeting specified competence for the theoretical and practical learning process, or authorisation within the set time frame.

Portfolio of Evidence for authorisation on High Voltage systems: It is a collection of evidence compiled by a candidate to prove his/her learning and practical experience.

Note: Signed off training records and other forms of training evidence that complied with the authorisation outcomes at the time of authorisation remain valid. Only pages containing changes in the PoE post authorisation, need to be included in the existing PoE, all revisions will be accepted.

Pre-assessment: An assessment carried out on the candidate by the supervisor/facilitator to recommend, in writing, the candidate competent and ready for formal assessment

Registered: A person who has been registered with the Energy and Water SETA or another recognised accreditation body that has a memorandum of understanding with the Energy and Water SETA.

Subject Matter Expert: A person with sufficient appropriate experience and documentary evidence to prove expertise in a specific subject matter and can be an ILF/Coach.

a) Must have a valid authorisation of not less than the outcome being assessed.

Validity Period: The period for which an authorisation is valid as stipulated on the authorisation.

3.2 Abbreviations

COC: Certificate of Compliance

CNC: Customer Network Centre

CLN: Customer Load Network

DNOC : Distribution Network Operating Committee

DOFI: Drop Out Fuse Isolator

EAL: Eskom Academy of Learning

EWSETA: Energy and Water Sector Education and Training Authority

GMR: General Machinery Regulations

HV: High Voltage

IARC: Industry Association Resource Centre

DBM: Design Based Maintenance

ILF: Individual learning facilitator

kV: Kilo Volts

LW: Live work

MEW : Major Engineering Works

NORHVSC : National Operating Regulations for High Voltage System Committee

OHS Act: Occupational Health and Safety Act 85 of 1993

ORHVS: Operating Regulations for High Voltage Systems

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PoE: Portfolio of Evidence

RPL: Recognition for prior Learning

OUNOC : Operating Unit Network Operating Committee

SME: Subject Matter Expert

T&D: Training and Development

TRFR: Transformer

TS: Technical Support

SS: Senior Supervisor

OTS: Officer Technical Support

4 Statutory Appointments

The following are OHS Act Appointments referred to by this standard:

- a) Delegated Chief Executive Officer - as assigned in terms of Section 16(2)
- b) Designated Person - General Machinery Regulations 2(1)
- c) Delegated Person - General Machinery Regulation 2(7)(a)

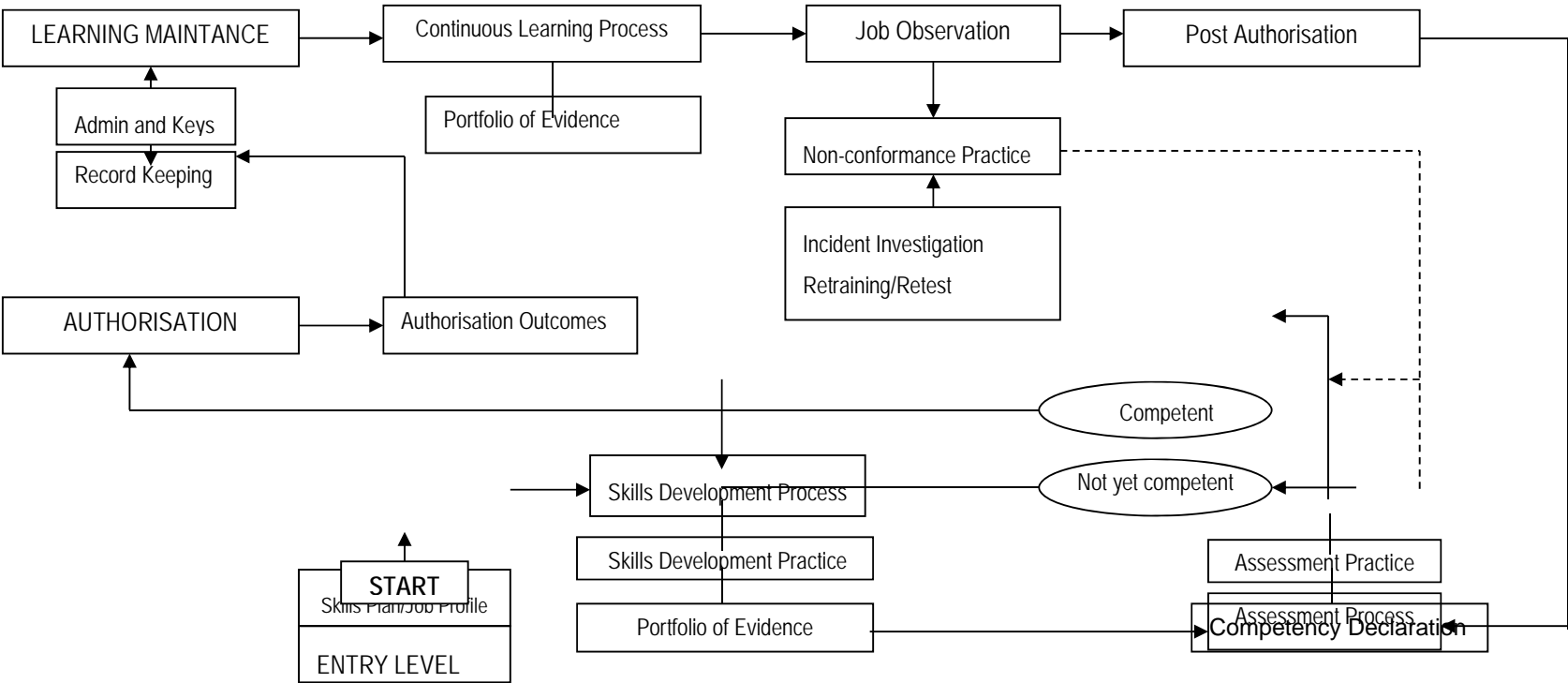
5 Skills Planning and Recruitment

Skills planning and recruitment is necessary to ensure that candidates with the potential for future skills development are appointed.

5.1 Generic Individual Development Plans

An Individual Development Plan shall be developed for individual learners and shall be documented.

6 Authorisation Process Flow Diagram



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7 Duties and Responsibilities

7.1 Designated Person

- a) Ensure persons to be authorised have been trained, declared competent and assessed for Authorisation
- b) Authorises persons for an applicable outcome in accordance with job /contract requirements
- c) Ensures alignment between job profile, job compact and Authorisation outcomes
- d) Limit restrictions on Authorisations as required, and ensures that restrictions/shortcomings are addressed through job compacts and individual development plans.
- e) Competencies are maintained and developed by implementing a continuous learning process
- f) Investigate the expiry of authorisations as negligence of duties.
- g) Ensure that the Authorisation process is implemented
- h) Initiate investigations for non-conformance when required
- i) Appoint assessors, SME's, ILF's (coaches), group learning facilitators, moderators and invigilators
- j) Suspend or withdraw Authorisation
- k) Distribute the signed Authorisation form to the Technical Support Manager, Network Management Centre Manager, or their delegates.

7.2 Senior Supervisor/Senior Person

- a) Compile a skills development plan for staff to be authorised
- b) Facilitate skills development and declare the learner competent (pre-assessment) prior to authorisation assessment (GMR 2(7)(a) appointee)
- c) Apply to the Assessor for a competency assessment to be conducted
- d) Provide the subject matter expertise during assessment
- e) Check correct distribution of Authorisation forms
- f) Logistical arrangements

7.3 Right to Authorise

The right to authorise people in terms of the ORHVS is revised as follows.

- a) An appointed GMR 2(1) for a specific area will authorise staff working in their areas of accountability in accordance with the ORHVS, provided that:
 - The person is conversant with 240-70413865 and EPC 32-846.
- b) Where the Designated Manager is not an appointed GMR 2(1) (in other words, don't hold a Government Certificate of Competence) they may authorise staff according to the ORHVS Provided that:
 - The person is appointed at minimum M15 level.
 - The person is appointed as a GMR 2(7) (a) by the GMR2(1)
 - The person is conversant with DST 34-146 and EPC 32-846.
 - The persons has successfully completed level 4 of the ORHVS namely HVO 04 within the last three years

7.4 Individual Learning facilitator

- a) Coaching the learner to attain requirements for Authorisation
- b) ILF signs off elements of competency in the portfolio of evidence once demonstrated.

7.5 Assessor

- a) Facilitate and manage the assessment process
- b) Scrutinize assessment pre-requisites and accept / reject
- c) Confirm logistical arrangements
- d) Conducts theoretical, oral and practical assessments by checking for ORHVS/standards/procedures interpretation, understanding and application during assessment.
- e) Chair the assessment panel, apply discretion, consolidate findings, reach consensus and make recommendations
- f) Complete Authorisation form and documentation in assessment file
- g) Hand over for moderation when requested
- h) Complete the prescribed assessment report and forward it along with Authorization form to the Designated person

7.6 Moderator

- a) Verify assessments in cases of appeals
- b) Advise and support assessors
- c) Keep accurate verification records
- d) Liaise with external moderator when required
- e) Investigate alleged non-conformance

7.7 Learner or Authorised Person

- a) Ensures that their portfolio of evidence is kept up to date
- b) Portfolio of Evidence quality checklist is completed and signed by both the candidate and the supervisor.
- c) Ensures that their Authorisations stay valid by maintaining the requirement of all statutory training for the Authorisation validity period.
- d) Applicants for Authorisations will apply for pre-assessment
- e) On request produce positive identification and original Authorisation form
- f) Manages and monitors progress made on their Learning programs

7.8 Technical Support Manager

Keep, maintain and update an Authorisation database for the Operating Unit/Grid concerned and publish it on the relevant Website

7.9 Invigilator

All written/online examinations shall be performed in the presence of an appointed invigilator

8 General Appointments

The Designated Person shall appoint assessors, individual learning facilitators, subject matter experts, group learning facilitators, moderators; invigilators etc. and withdraw the appointments when necessary. Appointments are valid until withdrawn.

9 Skills Development Process

Formulate Learning programmers for all persons, based on both practical and theoretical requirements in line with 240-70413681 (Portfolio of Evidence), and relevant SAQA Unit Standards.

9.1 Skills Development Practice

9.1.1 ORHVS Learning programme and Assessment

a) ORHVS learning programme

- CATO 06. (High Voltage Environment and Regulation Awareness) to be completed by all persons entering a prohibited area
- Only first time Authorisation learners need to attend CATO 06
- ELW 001 Supervision. For all outcomes
- OL2 002 Equipotential Earthing for all outcomes excluding outcome 1

b) Assessment:

- Write formative assessments.
- If a maximum of 50% of assessments are failed, they may be rewritten within 90 days. If the rewrite is unsuccessful, the line manager is responsible to apply performance enhancement programme.
- If more than 50% of assessments are failed, then all assessments are to be re-written. If the rewrite is unsuccessful, the line manager is responsible to apply performance enhancement programme.

9.1.2 A pass mark for:

- Authorized Persons: 80% per theoretical assessment
- Control officers: 90% per theoretical assessment
- Group Facilitators: 90% per theoretical assessment
- Assessors/SME: 90% per theoretical assessment

9.1.3 Pre-requisite Theoretical and Practical Skills Development:

Learning programs for all learners: In accordance with guideline 240-70413681 (Portfolio of Evidence).

Skill development requirements for Eskom staff only: Captured in Individual Development Plan (IDP)

9.1.4 Pre-requisite Practical Experience prior to Authorisation:

Learners shall perform the required tasks/operating cycles under supervision as described in 240-70413681 (Portfolio of Evidence).

Operating cycle is a physical operating exercise on various job specifics as required by the Authorisation outcome. Evidence of these operating cycles/tasks shall be on record e.g. (Signed Operating Instructions by ILF, learner and Supervisor)

9.2 Portfolio of Evidence for Authorisation (240-70413681)

All persons required to be authorised in terms of the ORHVS shall have a portfolio of evidence, which is a personal record, and documentary evidence of knowledge, skills and experience and remains in place after authorisation to ensure the maintenance of, and further development of the person's competency is captured. The Portfolio of Evidence also serves as a learning guide.

10 Assessment Process

All persons requiring Authorisation from outcome 1 to 7 shall undergo the following assessments:

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- a) Pre-assessment
- b) Authorisation assessment will consist of:
 - Theoretical Assessment
 - Practical Assessment
 - Oral Assessment (not applicable to Live work – outcome 7)
- c) Post assessment

10.1 Assessment Practice

10.1.1 Pre-assessment

Request for pre-assessment

- The Eskom candidate shall apply to their supervisor for pre-assessment
- All other candidates shall apply in writing for a pre-assessment to his senior person (contractors may request Eskom to assist with the pre-assessment)
- Such pre-assessment evidence will be included in the candidates Portfolio of Evidence

Eskom senior supervisor (GMR 2(7)(a)) or Contractor (employer Section 16(1) or his delegate 16(2)) shall declare his/her employee competent before recommending them to be assessed by an Eskom assessor and authorised by the relevant Eskom Designated person in terms of this standard.

An employers' appointee will conduct the following pre-assessments prior to the authorisation assessment and shall be captured in the portfolio of evidence. If the learner is found not yet competent, the learner should be referred back for more theoretical knowledge and/or practical experience.

Such pre-assessment evidence must be included in the candidates Portfolio of Evidence and include, but not be limited to:

- Completion of Career Development Program Modules (SAP)
- Completed Operating Cycles (Operating Log sheets)
- Completed Training Check sheets
- Completed Learning programs (Courses) (Certificates/SAP)
- Completed Safety Training (Certificates/SAP)

Reference should also be made to the Assessment Procedure for HV Authorisation (240-70413713) section (Pre-Assessment).

10.1.2 Authorisation assessment

All relevant skills development tasks and pre-assessments shall be completed before an Authorisation assessment can be conducted

10.1.2.1 Application for Authorisation assessment:

When all the skills development tasks and pre-assessments are completed a request for an assessment can be initiated as follows:

- a) The supervisor (Eskom or Contractor) shall apply in writing to an assessor or the person agreed to by the OU/Grid who initiates an authorisation assessment
- b) Refer to: Application for authorisation assessment (240-70413713ANNEX C)

10.1.2.2 Pre-requisites for the requested outcome authorisation assessment

- a) Learning programmes successfully completed
- b) Portfolio of evidence updated (240-70413681)

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Note: The contents relevant to the incumbent's authorisation that is outlined in the Portfolio of Evidence 240-70413681, will be the mandatory minimum requirement as set out in this standard.

- c) The learner shall have been pre-assessed and found competent
- d) Practical operating exposure that should cover equipment the candidate would be expected to operate, in the candidate's proposed area of responsibility. Evidence, signed off by the coach/ILF, of this should be available in the PoE.

10.1.2.3 Theoretical assessment: (Written examination developed by Operating Unit/Grid)

Combination, specific to relevant outcome, test consisting of:

- ORHVS
- Protection
- Safety
- Operating scenarios (open book EPC 32-846)
- Operations/Technical competencies
- General
- Applicable Standards/Procedures/Directives (open book)
- Fundamentals (Apparatus/network layout and changes/electrical theory/technology)
- Job specifics

10.1.2.4 Practical Assessment

The assessment must be a practical demonstration by the candidate proving that he can satisfactorily perform the required tasks/activities for the required outcome.

This assessment shall be carried out by a panel composed of:

- a) Access and supervision (Outcome 1)
 - EWSETA registered assessor
 - Eskom Immediate senior supervisor
 - Contractor – Employer or delegate
- b) Operating under Supervision (Outcome 2) (No practical assessment required)
 - Senior Supervisor (SS) or Officer Technical Support shall ensure that prerequisites are in place as per 240-70413681.
- c) Responsible Person (Outcome 3)
 - EWSETA registered assessor
 - Eskom - Immediate senior supervisor
 - Contractor – Employer or delegate
- d) Authorised Person - (Outcome 4, 5, 6 and 7)
 - EWSETA registered assessor
 - Eskom Immediate senior supervisor
 - Contractor – Employer or delegate
 - Subject matter expert – for Live work
 - Authorised Person (learner will operate under the Authorised person's supervision if the SS is not authorised)
 - If the Person in Charge is not authorized for Live work (authorisation expired), then such a person must work under the supervision of a Live work facilitator.

Note – The control officer on duty (at the desk) may form part of the panel.

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The assessor must make use of appropriate assessment check sheets to record the performance of all the evident activities.

10.1.2.5 Assessment Procedure and Documentation

There is a SAQA requirement for certain documentation to be completed when conducting an assessment. Refer to the Assessment Procedure for HV Authorisation (240-70413713) Section 5.

10.1.3 Three Yearly Re-Assessment

10.1.3.1 Renewal of Authorisation

The Designated Person may, at his discretion, renew an Authorisation for a further period without a re-assessment under the following conditions:

- a) The authorised person shall apply for such renewal as detailed in section 10.1.2.1
- b) Valid/current ORHVS, online assessment may be done where it is available
- c) Proof of active participation in the continuous learning process as detailed in section 12.
- d) Live Work authorisation Outcome 7 – all requirements as per DST 34-710.
- e) Valid First Aid level 2 Certificate
- f) Operating task observations to be done by a person who is at least equally competent
- g) Such extension is subject to the authorised person having a clean record e.g.:
 - Zero non-conformances recorded
 - Zero operating incidents recorded
 - Successful participation in the learning maintenance stream as per section 12.
 - Documented proof in Portfolio of Evidence
- g) Assessor will verify the application evidence and check for adherence to this standard, incident register, other relevant standards, procedures etc. before making a recommendation
- h) The Designated Person will re-authorise the candidate based on Assessor recommendation.
- i) Persons not adhering to the above shall be subjected to a full theoretical and practical assessment in accordance with this standard prior to the expiry of the validity period on the Authorisation form.

10.1.4 Theoretical, Practical, ORHVS and Non-conformance re-assessments:

To be done as detailed in section 9 and 10 with the following exception:

- a) It is compulsory to write the ORHVS examination, but on re-authorisation formal course attendance is optional, however every second re-authorisation (six yearly) formal course attendance is compulsory.
- b) Should the authorised person on first attempt fail any element of such assessments, the Authorisation shall be revoked by the Designated Person or his delegate. The case shall be investigated to establish the reason for poor performance / non-conformance.

11 Authorisation Practice

At all times a person shall be authorised to the highest outcome required by the incumbents' job profile.

- a) Authorisation Forms see templates (ANNEX C)
- b) Authorisation Outcomes

11.1 Outcome 1: Non-Operating Authorisation (HVO 01)

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Access and ground level supervision for a person to perform non dangerous activity, in either or both restricted and prohibited areas.

11.2 Outcome 2: Operating under supervision (HVO 04)

The new Learner must be allowed sufficient time to become familiar with the plant and apparatus in his area and to gain practical exposure. A training path for operating type authorisations shall include a practical phase where operating will be conducted under the supervision of an authorised person. Training, assessment and authorisation in this category will allow such authorised persons to perform switching, linking, safety testing and earthing of any sort under supervision of an authorised person as per the limitations stipulated.

11.2.1 Outcome 3: Responsible person (HVO 02)

Training, assessment and authorisation in this category will allow such authorised person:

Responsible person to take a permit and conduct supervision of people working.

11.2.2 Outcome 4: Specific Authorisation

Training, assessment and authorisation in this category will allow such authorised person limited authorisation which could include but is not limited to:

- a) Take a hand over of Apparatus, Supervision of people performing work in Close Proximity conditions **(HVO 03 (a))**
- b) Safety test, application and removal of working earths under a permit **(HVO 03 (b))**
- c) Take a hand over of Apparatus, safety test, application and removal of working earths **(HVO 03 (c))**
- d) Opening and closing of breakers, isolators and switches lines / substations **(HVO 04)**
- e) Controller authorisation **(HVO 04)**

11.2.3 Outcome 5: Operating up to and including 33 kV (HVO 04)

Training, assessment and authorisation in this category will allow such authorised person to perform switching, linking, safety testing, earthing and issuing work permit on apparatus up to and including 33 kV. Which could include operating in:

Establishment of local control

11.2.4 Outcome 6: Operating (Transmission and Sub-Transmission) (HVO 04)

Training, assessment and authorisation in this category will allow such authorised person to perform switching, linking, safety testing, earthing and issuing work permit apparatus up to and including Transmission voltages, which could include operating in:

Establishment of local control

11.2.5 Outcome 7: Live Work Authorisation (HVO 04)

Training, assessment and authorisation in this category will allow such authorised person to perform live work on apparatus up to and including Transmission voltages. These authorisations will detail the live work method that the person is authorised for.

- a) Assuming the duties of a person to perform live work on lines in terms of the method restrictions specified
- b) Assuming the duties of a person in charge of live work in terms of restrictions specified

11.3 Minimum Criteria to Complete Authorisation Form

- a) There is a never-ending permutation of authorisation of a specific person allowed. Specific authorisations must specify the appropriate level of demonstrated competency that will allow the person's training, assessment and authorisation to meet the specific Job requirements.
- b) The authorisation outcomes grouped below provide a grouping of authorisations that will optimise training, assessment and authorisation for most structured job profiles in the Engineering business.

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- c) This authorisation standard excludes low voltage authorisations which will be managed separately
- d) Any authorisation will be defined clearly stating the limitations applicable to the authorisation
- e) Only applicable regulations shall appear on the printed authorisation form
- f) The authorisation form shall be completed in full
- g) All authorisations (Eskom and contractor) shall automatically lapse after the period stipulated on the authorisation form. No authorisation validity shall exceed three (3) years.
- h) When an authorised person resigned from a company and is employed by another company, his authorisation will expire immediately.
- i) The 16(2) appointee of contractors or the company owner must counter sign authorisation
- j) Appointment must display area of Responsibility – means specific Geographical Area / Network

11.4 Extension of Authorisation

The Designated Person may, at his discretion, extend a current and valid Authorisation, once only, for a period not exceeding one calendar month. If any of the prerequisites for the particular authorization has lapse, the authorization may not be extended. (Also see - Three yearly re-assessment)

11.5 Cross boundary Authorisation

The Designated Persons may, at their discretion and with mutual agreement authorize a person to carry out specific activities outside of the geographical area of the Authorisation. These activities must be within the scope of the existing Authorisation. This Authorisation should be recorded.

Note — cross boundary Authorisation will automatically lapse once the requirements have been met.

11.6 Transfer of Authorisation

Authorisations cannot be transferred when an employee resigns from a company and is employed by another company or is transferred between OU/Grids. These employees have to follow the authorisation process.

12 Continuous Learning Process

The authorised person shall maintain his level of competency by means of active participation in the following, but not restricted to, activities.

In the event that an authorized person has not operated for a period of six months, the current authorization must be withdrawn and/or replaced with "Operating Under Supervision" (Outcome 2)

12.1 Requirements:

All authorised persons shall maintain their knowledge by means of:

- a) Awareness of revisions to the ORHVS (EPC32-846) and applicable standards and procedures.
- b) Portfolio of evidence for Authorisation
- c) Operating observations should meet the requirements of (DPC34-380/DST 34-710)
- d) Changes/updates to the network, new technology and equipment
- e) The following may be considered on an ad-hoc basis:
 - Competitions
 - ORHVS facilitators visit CNC's/CLN's and facilitate interpretation and application discussions
 - Other learning programmes (courses) when required
 - Incident recalls and technical bulletins
 - ORHVS audit findings

Note – Documentary evidence shall be kept in the Portfolio of Evidence

12.2 Job Observations

Persons delegated to do so shall carry out observations on all authorised persons regularly, but at least twice in a twelve month period for outcome 1 to 6 and 3 observations in a 12 month period for outcome 7.

- a) These observations shall not be pre-arranged with the person to be observed.
- b) These observations shall be carried out during the performance of the outcome for which the person is authorised and shall be recorded on the Authorisation assessment observation sheet and signed by both the senior supervisor and the authorised person.
- c) Feedback on the observation shall be given to the Authorised Person with any problem areas highlighted. If necessary, training in these areas shall be given. Follow-up job observations shall then be carried out within three (3) months.
- d) Should non conformances be observed, the Authorisation may immediately be revoked and the person be re-trained and assessed as detailed in the Non Conformance Practice.
- e) If during a job observation a particular behavior or knowledge deficiency is noted, the SS and/or OTS shall update such in the portfolio of evidence.

13 Incident Investigations

- 1. Should an incident that relate to the Authorisation occur, the Authorisation(s) of the person(s) concerned may immediately be suspended by the designated person. The incident shall be investigated in accordance with standard (EPC 32-95).

2. Pending the formal investigation outcome:

- the Authorisation may be re-instated if suspended or:
- Authorisation revoked and the authorised person shall be re-trained and re-assessed

14 Contractors

Contractors shall be assessed and authorised in accordance with this standard.

14.1 Forms and Records

Document	Original in Care of	Copy in Care of (Eskom employees)	Copy in Care of (Contractors)
Authorisation forms	Incumbent	Network Management Control and senior supervisor	Network Management Control and employer
Authorisation Database (Electronic Register)	Technical Support	View facility on the Web or other	View facility on the web or other
Portfolio of Evidence	Incumbent - SS care for Eskom. Contractors by Incumbent	N/A	N/A
Assessment Documentation: Theoretical: Assessor & Moderator Report Practical: Candidates Package as per Assessment Procedure 240-70413713	Assessor Assessor	Candidates PoE Candidates PoE	Candidates PoE Candidates PoE Technical Support
Individual Development Plan (IDP)	Incumbent	Senior supervisor	Employer
Job Observations	Senior supervisor	Copy to PoE	Copy to Employer

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Annex A – Impact Assessment

(Normative)

Impact assessment form to be completed for all documents.

1 Guidelines

- All comments must be completed.
- Motivate why items are N/A (not applicable)
- Indicate actions to be taken, persons or organisations responsible for actions and deadline for action.
- Change control committees to discuss the impact assessment, and if necessary give feedback to the compiler of any omissions or errors.

2 Critical points

2.1 Importance of this document. E.g. is implementation required due to safety deficiencies, statutory requirements, technology changes, document revisions, improved service quality, improved service performance and optimised costs.

Ensure the standardised development of technical competence of the staff in Distribution Engineering

2.2 If the document to be released impacts on statutory or legal compliance - this need to be very clearly stated and so highlighted.

The revision of this document is necessary to align the content with the requirements of the Skills Development Act of 1998.

2.3 Impact on stock holding and depletion of existing stock prior to switch over.

N/A. Not within the scope of this document.

2.4 When will new stock be available?

N/A. Not within the scope of this document.

2.5 Has the interchange ability of the product or item been verified - i.e. when it fails is a straight swop possible with a competitor's product?

N/A. Not within the scope of this document.

2.6 Identify and provide details of other critical (items required for the successful implementation of this document) points to be considered in the implementation of this document.

Availability of SME's as well as support of the document users.

2.7 Provide details of any comments made by the Regions regarding the implementation of this document.

To be included after the commenting phase.

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Annex A

(Continued)

3 Implementation timeframe

3.1 Time period for implementation of requirements.

Ongoing process.

3.2 Deadline for changeover to new item and personnel to be informed of DX wide change-over.

Ongoing process.

4 Buyers Guide and Power Office

4.1 Does the Buyers Guide or Buyers List need updating?

N/A. Not within the scope of this document.

4.2 What Buyer's Guides or items have been created?

N/A. Not within the scope of this document.

4.3 List all assembly drawing changes that have been revised in conjunction with this document.

N/A. Not within the scope of this document.

4.4 If the implementation of this document requires assessment by CAP, provide details under 5

4.5 Which Power Office packages have been created, modified or removed?

N/A. Not within the scope of this document.

5 CAP / LAP Pre-Qualification Process related impacts

5.1 Is an ad-hoc re-evaluation of all currently accepted suppliers required as a result of implementation of this document?

No

5.2 If NO, provide motivation for issuing this specification before Acceptance Cycle Expiry date.

Not within the scope of this document.

5.3 Are ALL suppliers (currently accepted per LAP), aware of the nature of changes contained in this document?

N/A. Not within the scope of this document.

Annex A

(Continued)

Is implementation of the provisions of this document required during the current supplier qualification period?

N/A. Not within the scope of this document.

5.4 If Yes to 5.4, what date has been set for all currently accepted suppliers to comply fully?

N/A. Not within the scope of this document.

5.5 If Yes to 5.4, have all currently accepted suppliers been sent a prior formal notification informing them of Eskom's expectations, including the implementation date deadline?

N/A. Not within the scope of this document.

5.6 Can the changes made, potentially impact upon the purchase price of the material/equipment?

N/A. Not within the scope of this document.

5.7 Material group(s) affected by specification: (Refer to Pre-Qualification invitation schedule for list of material groups)

N/A. Not within the scope of this document.

6 Training or communication**6.1 Is training required?**

Awareness training and communication to take place on a national level via workshop, Training and Development Management and Distribution Engineering Management Forums.

6.2 State the level of training required to implement this document. (E.g. awareness training, practical / on job, module, etc.)

IARC Technical Training staff, Training and Development Management and staff

6.3 State designations of personnel that will require training.

Not required.

6.4 Is the training material available? Identify person responsible for the development of training material.

N/A. Not within the scope of this document.

6.5 If applicable, provide details of training that will take place. (E.G. sponsor, costs, trainer, schedule of training, course material availability, training in erection / use of new equipment, maintenance training, etc).

No

Annex A
(Continued)

Was Technical Training Section consulted w.r.t module development process?

Yes

6.6 State communications channels to be used to inform target audience.

Through E-mail

7 Special tools, equipment, software

7.1 What special tools, equipment, software, etc will need to be purchased by the Region to effectively implement?

N/A. Not within the scope of this document.

7.2 Are there stock numbers available for the new equipment?

N/A. Not within the scope of this document.

7.3 What will be the costs of these special tools, equipment, software?

N/A. Not within the scope of this document.

8 Finances

8.1 What total costs would the Regions be required to incur in implementing this document? Identify all cost activities associated with implementation, e.g. labour, training, tooling, stock, obsolescence

N/A. Not within the scope of this document.

Comment:

.....
.....
.....


Impact assessment completed by:

Name: T. Ntombela

Designation: Senior Advisor Safety Risk Management

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Annex B (1) - Appointment Letter

	<p align="center">APPOINTMENT LETTER</p> <p align="center">Assessor/ILF/GLF/Moderator/SME</p>	<p align="center">ANNEX B(1)</p>
<p>OU/Grid: _____ CNC/CLN: _____</p> <p>NAME: _____ DEPARTMENT: _____</p> <p>UNIQUE NO: _____ DESIGNATION: _____</p> <p>GEOPGRAPHICAL OPERATING AREA: _____</p> <p>Note: Erase if not applicable and add more duties if required</p> <p>In terms of the 240-70413865 "AUTHORISATION STANDARD in terms of Operating Regulations for High Voltage Systems" you are hereby appointed to perform the duties as defined below:</p> <p>Assessor/SME for authorisation outcomes: 1,2,3,4,5,6&7</p> <p>Individual Learning Facilitators/Coach: outcomes 1,2,3,4,5,6&7</p> <p>Group Learning Facilitator/ Moderator / for authorisation outcomes 1,2,3,4,5,6&7</p> <p>Note – This appointment supersedes all previous appointments.</p> <p>DESIGNATED PERSON: _____</p> <p>SIGNATURE: _____</p> <p>The appointment detailed above is understood and I accept the duties and responsibilities.</p> <p>SIGNATURE: _____ DATE: _____</p>		


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Annex B (2) - Appointment Letter (from Designated Person INVIGILATOR)

	<p align="center">APPOINTMENT LETTER (INVIGILATOR)</p>	<p align="center">ANNEX B(2)</p>
<p>OU/Grid: _____ CNC/CLN: _____</p> <p>NAME: _____ DEPARTMENT: _____</p> <p>UNIQUE NO: _____ DESIGNATION: _____</p> <p>GEOPGRAPHICAL OPERATING AREA: _____</p> <p>In terms of 240-70413865 "AUTHORISATION STANDARD in terms of Operating Regulations for High Voltage Systems" you are hereby appointed to perform the duties as defined below:</p> <p>Invigilator</p> <ul style="list-style-type: none"> ▪ Ensure that the examination runs smoothly, in the set time, without interruptions, in conditions that allow the learners to perform at their best; ▪ Ensure that the learners understand what is expected of them without helping them with the actual answers; ▪ Deal thoughtfully and responsibly with unexpected problems that may arise; ▪ Ensure that there are no irregularities; ▪ Keep any records required; ▪ No other unauthorised person may look at the exam paper except the learners who are writing the exam; ▪ No other person/facilitator may be present at the exam sitting except the invigilator and the learners; ▪ If for any reason I have to leave the room, I will ensure that I have delegated to another invigilator to stand in for me. <p>I understand that if any irregularity is detected by the Training & Development department, an investigation will take place and that I, as an invigilator, will be held accountable for that irregularity and that a written report will be expected from me.</p> <p>Note – This appointment supersedes all previous appointments.</p> <p>DESIGNATED PERSON _____</p> <p>SIGNATURE: _____</p> <p>The appointment detailed above is understood and I accept the duties and responsibilities.</p> <p>SIGNATURE: _____ DATE: _____</p>		

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Annex C - High Voltage Authorisation (Suggested Format)

	HIGH VOLTAGE AUTHORISATION OUTCOME 1 : Access and Ground Level Supervision		ANNEX C
	OU/Grid: _____		AREA OF RESPONSIBILITY: _____
	NAME: _____		DEPARTMENT/COMPANY: _____
	DESIGNATION: _____		UNIQUE NO/ ID NO: _____

In terms 1.07 of the Operating Regulations for High Voltage Systems, you are hereby authorised to perform the duties below:

NOTE — all details not applicable must be erased.

3.03 Access to restricted-, prohibited areas

4.02.4 Right to possess keys (state category/type of key)

5.06 Supervise persons in prohibited and restricted areas, ground level only:

NOTE — this authorisation supersedes all previous authorisations.

Assessor		
RECOMMENDED:	PRINT NAME:	DATE:
_____	_____	_____
Designated Person		
AUTHORISED BY:	PRINT NAME:	DATE:
_____	_____	_____

VALIDITY PERIOD: FROM _____ TO _____

THE AUTHORISATION DETAILED ABOVE IS UNDERSTOOD BY ME AND I ACCEPT THE DUTIES AND RESPONSIBILITIES SET OUT THEREIN. CONTRACTORS ACCEPT RESPONSIBILITIES ON OWN RISK


Incumbent		
SIGNATURE:	PRINT NAME:	DATE:
_____	_____	_____
Senior Supervisor/Employer		
SIGNATURE:	PRINT NAME:	DATE:
_____	_____	_____

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Annex C

(Continued)

High-voltage Authorisation (Suggested Format)

	HIGH VOLTAGE AUTHORISATION OUTCOME 2 : OPERATE UNDER SUPERVISION	ANNEX C
OU/Grid: _____	AREA OF RESPONSIBILITY: _____	
NAME: _____	DEPARTMENT/COMPANY: _____	
DESIGNATION: _____	UNIQUE NO/ ID NO: _____	

In terms of the 1.07 of the Operating Regulations for High Voltage Systems, you are hereby authorised to perform the duties below:

NOTE —all details not applicable must be erased.

5.01 Authorised to perform switching, linking, safety testing and earthing operations. **UNDER SUPERVISION**

NOTE — this authorisation supersedes all previous authorisations.

Assessor		
RECOMMENDED: _____	PRINT NAME: _____	DATE: _____
Designated Person		
AUTHORISED BY: _____	PRINT NAME: _____	DATE: _____

VALIDITY PERIOD: FROM _____ TO _____

THE AUTHORISATION DETAILED ABOVE IS UNDERSTOOD BY ME AND I ACCEPT THE DUTIES AND RESPONSIBILITIES SET OUT THEREIN. CONTRACTORS ACCEPT RESPONSIBILITIES ON OWN RISK


Incumbent		
SIGNATURE: _____	PRINT NAME: _____	DATE: _____
Senior Supervisor/Employer		
SIGNATURE: _____	PRINT NAME: _____	DATE: _____

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Annex C

(Continued)

High-voltage Authorisation (Suggested Format)

	HIGH VOLTAGE AUTHORISATION OUTCOME 3 : RESPONSIBLE PERSON	ANNEX C
OU/Grid: _____	AREA OF RESPONSIBILITY: _____	
NAME: _____	DEPARTMENT/COMPANY: _____	
DESIGNATION: _____	UNIQUE NO/ ID NO: _____	

In terms of 1.07 of the Operating Regulations for High Voltage Systems, you are hereby authorised to perform the duties below:

NOTE — all details not applicable must be erased.

1.61 Responsible person restricted to: (e.g. line work only, cable work only etc.)

3.01.2 Access to restricted-, prohibited areas (if restricted state which areas/chamber)

4.02.4 Right to possess keys (state category/type of key)

5.06 Supervise persons in prohibited areas (if restricted state which chamber and/or nature of work)

NOTE — this authorisation supersedes all previous authorisations.

Assessor		
RECOMMENDED: _____	PRINT NAME: _____	DATE: _____
Designated Person		
AUTHORISED BY: _____	PRINT NAME: _____	DATE: _____


VALIDITY PERIOD: FROM _____ TO _____

THE AUTHORISATION DETAILED ABOVE IS UNDERSTOOD BY ME AND I ACCEPT THE DUTIES AND RESPONSIBILITIES SET OUT THEREIN. CONTRACTORS ACCEPT RESPONSIBILITIES ON OWN RISK

Incumbent		
SIGNATURE: _____	PRINT NAME: _____	DATE: _____
Senior Supervisor/Employer		
SIGNATURE: _____	PRINT NAME: _____	DATE: _____

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Annex C
High Voltage Authorisation (Suggested Format)

	HIGH VOLTAGE AUTHORISATION OUTCOME 4 : Specific Authorisation	ANNEX C
OU/Grid: _____	AREA OF RESPONSIBILITY: _____	
NAME: _____	DEPARTMENT/COMPANY: _____	
DESIGNATION: _____	UNIQUE NO/ ID NO: _____	

In terms of 1.07 of the Operating Regulations for High Voltage Systems, you are hereby authorised to perform the duties below:

NOTE — all details not applicable must be erased.

SPECIFIC REGULATION

1.61 Responsible person restricted to: (e.g. line work only, cable work only etc.) _____

3.01.2 Access to Restricted - / Prohibited Areas _____

4.02.4 Right to possess keys (state category/type of key) _____

5.03.6.3 Close proximity to live conductors (state feeders and voltages) _____

5.06 Supervise work/specific duties/tasks _____

SPECIFIC OPERATING

Section 2: Control of the Power system

5.01 Perform **SWITCHING/LINKING/SAFETY TESTING/EARTHING** (state voltage range and/or specific equipment / feeders).

5.03.6.1 Take hand over (if restricted state feeders and/or voltages)

5.09.2 Testing of equipment (if restricted state which tests and/or apparatus and/or voltage)

NOTE — this authorisation supersedes all previous authorisations.

Assessor

RECOMMENDED: _____

PRINT NAME: _____

DATE: _____

Designated Person

AUTHORISED BY: _____

PRINT NAME: _____

DATE: _____

VALIDITY PERIOD: FROM _____ TO _____

THE AUTHORISATION DETAILED ABOVE IS UNDERSTOOD BY ME AND I ACCEPT THE DUTIES AND RESPONSIBILITIES SET OUT THEREIN. CONTRACTORS ACCEPT RESPONSIBILITIES ON OWN RISK

Incumbent

SIGNATURE: _____

PRINT NAME: _____

DATE: _____

Senior Supervisor/Employer


SIGNATURE: _____

PRINT NAME: _____

DATE: _____

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Annex C High Voltage Authorisation (Suggested Format)

	HIGH VOLTAGE AUTHORISATION OUTCOME 4e : Control Officer and Local Controller	ANNEX C
OU/Grid: _____	AREA OF RESPONSIBILITY: _____	
NAME: _____	DEPARTMENT/COMPANY: _____	
DESIGNATION: _____	UNIQUE NO/ ID NO: _____	

**IN TERMS OF THE OPERATING REGULATIONS FOR HIGH VOLTAGE SYSTEMS YOU ARE HEREBY
AUTHORISED TO PERFORM THE DUTIES AS DEFINED BELOW:**

SPECIFIC REGULATION

- 1.15 Control Officer restricted to: _____
- 2.01 Duties and responsibilities of Control Officers: _____
- 2.02 Keeping of records: _____
- 2.03 Issue and receipt of operating instructions: Up to and including 765kV _____
- 2.04 Control of loading Power Stations under normal and abnormal conditions: _____
- 2.05 Control of loading of Distribution apparatus: Up to and including 765kV: _____
- 2.09 Use of operating diagram: _____

SPECIFIC OPERATING

- 2.03.3.1 Give permission to operate instruction: As per Area Regulations _____
- 2.03.3.1 Give permission to sectionalise instruction: As per Area Regulations _____
- 2.07.1 Making apparatus alive on first installation or after alteration: _____
 To perform SWITCHING/LINKING operations remotely _____
 Instruct authorised persons to perform SWITCHING/LINKING/SAFETY TESTING/EARTHING operations:
 Up to and including 765kV _____
 Supervise learner Control Officers operating under supervision: _____
 Making apparatus safe to work on: _____

HANDOVER INSTRUCTION:

Preparation and handing over of apparatus for live work:

- 6.05 Establish a temporary local control (if restricted state feeders/ substations / voltages)

NOTE:

- ***This authorisation supersedes all previous authorisations (not applicable to local controller CNC).***
- ***The validity of this authorisation is dependent of valid ORHVS.***
- ***The responsibility for renewing this authorisation before expiry rests with the incumbent.***
- ***It is the responsibility of the incumbent to provide proof of authorisation on request. Therefore this original document shall be laminated and available on site at all times.***

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Annex C
High Voltage Authorisation (Suggested Format)

RECOMMENDED BY

ASSESSOR: _____ SIGNATURE: _____ DATE: _____

SUPPORTED BY

SUPERVISOR: _____ SIGNATURE: _____ DATE: _____

AUTHORISED BY

DESIGNATED
PERSON: _____ SIGNATURE: _____ DATE: _____

VALIDITY PERIOD: _____ TO _____
(Date of practical test) (Date ORHVS expire)


**THE AUTHORISATION DETAILED ABOVE IS UNDERSTOOD BY ME AND I ACCEPT THE DUTIES AND
RESPONSIBILITIES SET OUT THEREIN.**

INCUMBENT

(NAME PRINT): _____ SIGNATURE: _____ DATE: _____

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Annex C High Voltage Authorisation (Suggested Format)

	HIGH VOLTAGE AUTHORISATION FOR DISTRIBUTION OUTCOME 5 : OPERATING UP TO AND INCLUDING 33 KV	ANNEX C
OU/Grid:	AREA OF RESPONSIBILITY:	
NAME:	DEPARTMENT/COMPANY:	
DESIGNATION:	UNIQUE NO/ ID NO:	

In terms of 1.07 of the Operating Regulations for High Voltage Systems, you are hereby authorised to perform the duties below:

NOTE — all details not applicable must be erased.

- 1.61 Responsible person restricted to: (e.g. line work only, cable work only etc.) _____
- 2.01.3.3 Operating on excluded systems state apparatus) _____
- 2.03.2 Transmission of messages. _____
- 2.03.3.1 Accept pre-authorised instructions. _____
- 2.03.3.1 Taking permission to operate and work (if restricted state feeders) _____
- 2.03.3.1 Taking permission to sectionalise (if restricted state feeders) _____
- 2.07.1 Checking of phasing (if applicable state restriction) _____
- 3.01.2 Access to restricted- prohibited areas / live chambers (if restricted state which areas/chamber) _____
- 5.02 Supervise persons working in live chambers (if restricted state which chamber and/or nature of work) _____
- 5.06 Supervise persons in prohibited areas (if restricted state which chamber and/or nature of work) _____
- 4.02.4 Right to possess keys (state category/type of key) _____
- 5.01 Perform SWITCHING/LINKING/SAFETY TESTING/EARTHING (state voltage range and/or specific feeders) _____
- 5.01 To supervise persons undergoing training. _____
- 5.01 To Perform remote switching _____
- 5.03.6 Work on line or apparatus (state feeders and voltage) _____
- 5.03.6.1 Take hand over (if restricted state apparatus) _____
- 5.03.6.3 Supervise work in close proximity to live conductors or apparatus _____
- 5.09.2 Testing of equipment (if restricted state which tests and/or apparatus and/or voltage) _____
- 6.04 Restoration of supply (if restricted state feeders/substations/voltages) _____
- 8.02.3.1 Issue work permits (if restricted state voltages and/or nature of work) _____
- 8.02.7 Supervise work without a permit (if restricted state voltages and/or nature of work) _____

Note – this authorisation supersedes all previous authorisations

Assessor

RECOMMENDED:

PRINT NAME:

DATE:

Designated Person

AUTHORISED BY:

PRINT NAME:

DATE:

VALIDITY PERIOD: FROM _____ TO _____

THE AUTHORISATION DETAILED ABOVE IS UNDERSTOOD BY ME AND I ACCEPT THE DUTIES AND RESPONSIBILITIES SET OUT THEREIN. CONTRACTORS ACCEPT RESPONSIBILITIES ON OWN RISK

Incumbent

SIGNATURE:

PRINT NAME:

DATE:

Senior Supervisor/Employer


SIGNATURE:

PRINT NAME:

DATE:

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Annex C High Voltage authorisation (Suggested Format)

	HIGH VOLTAGE AUTHORISATION Outcome 6: Operating up to and including 765 kV	ANNEX C
OU/Grid: _____	AREA OF RESPONSIBILITY: _____	
NAME: _____	DEPARTMENT/COMPANY: _____	
DESIGNATION: _____	UNIQUE NO/ ID NO: _____	

In terms of 1.07 of the Operating Regulations for High Voltage Systems, you are hereby authorised to perform the duties below:

NOTE — all details not applicable must be erased.

- 1.61 Responsible person restricted to: (e.g. line work only, cable work only etc.) _____
- 2.01.3.3 Operating on excluded systems (state apparatus) _____
- 2.03.2 Transmission of messages. _____
- 2.03.3.1 Accept pre-authorised instructions. _____
- 2.03.3.1 Taking permission to operate and work (if restricted state feeders) _____
- 2.03.3.1 Taking permission to sectionalise (if restricted state feeders) _____
- 2.07.1 Checking of phasing (if applicable state restriction) _____
- 3.01.2 Access to prohibited areas / live chambers (if restricted state which areas/chamber) _____
- 5.02 Supervise persons working in live chambers (if restricted state which chamber and/or nature of work) _____
- 3.03 Supervise persons in prohibited areas (if restricted state which chamber and/or nature of work) _____
- 4.02.4 Right to possess keys (state category/type of key) _____
- 5.01 To perform SWITCHING/LINKING/SAFETY TESTING/EARTHING (state voltage range and/or specific feeders) _____
- 5.01 To supervise persons undergoing training. _____
- 5.03.6.1 Take hand over (if restricted state apparatus) _____
- 5.09.2 Testing of equipment (if restricted state which tests and/or apparatus and/or voltage) _____
- 5.03.6 Work on lines or apparatus (state feeders and voltages) _____
- 5.03.6.3 Supervise work in close proximity to live conductors or apparatus _____
- 6.04 Restoration of supply (if restricted state feeders/substations/voltages) _____
- 8.02.3.1 Issue work permits (if restricted state voltages and/or nature of work) _____
- 8.02.7 Supervise work without a permit (if restricted state voltage and/or nature of the work) _____

NOTE- THIS AUTHORISATION SUPERSEDES ALL PREVIOUS AUTHORISATIONS

Assessor

RECOMMENDED: _____	PRINT NAME: _____	DATE: _____
--------------------	-------------------	-------------

Designated Person

AUTHORISED BY: _____	PRINT NAME: _____	DATE: _____
----------------------	-------------------	-------------

VALIDITY PERIOD: FROM _____ TO _____

THE AUTHORISATION DETAILED ABOVE IS UNDERSTOOD BY ME AND I ACCEPT THE DUTIES AND RESPONSIBILITIES SET OUT THEREIN. CONTRACTORS ACCEPT RESPONSIBILITIES ON OWN RISK

Incumbent


SIGNATURE: _____	PRINT NAME: _____	DATE: _____
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Senior Supervisor/Employer

SIGNATURE: _____	PRINT NAME: _____	DATE: _____
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Annex C - Live Work Authorisation (Suggested Format)

	LIVE WORK AUTHORISATION Outcome 7: Live Work	ANNEX C
Name:		Unique No / Id No:
In Terms Of Eskom's Operating Regulation for High Voltage Systems and Standards Working you are hereby Authorised to perform the following duties: for High Voltage Live		
1. Regulation 7.01 .1. Person in charge of Live Work restricted to:		
Gloving Method:	Expiry Date:	N/A
Stick & Bare-hand Method:	Expiry Date:	N/A
Live Spray Washing:	Expiry Date:	N/A
Substation Live Work:	Expiry Date:	N/A
2. Regulation 7.01.2. Person who may perform Live Work:		
Gloving Method:	Expiry Date:	N/A
Stick & Bare-hand Method:	Expiry Date:	N/A
Live Spray Washing:	Expiry Date:	N/A
Substation Live Work:	Expiry Date:	N/A
3. In terms of 34-1148:		
Insulated aerial device:	Expiry Date:	N/A
Pedestal mounted ladder:	Expiry Date:	N/A
Ladder: Expiry Date: N/A	Expiry Date:	N/A
Live Work Scaffold:	Expiry Date:	N/A
Live Work Platform:	Expiry Date:	N/A
4. Regulation 4.02.4.		
Right to possess keys:	Expiry Date	N/A
Key No. _____		
Other: The contractor accepts all responsibility for all work done on Eskom lines and cannot hold Eskom responsible for any incident / accident that may occur and is responsible for the supervision of his personnel.		
Recommended By:	Authorized By:	
Technical Support:	Field Services:	
Unique No:	Unique No:	
Signature :	Signature :	
Date :	Date :	
I understand the authorisation detailed above and I accept the duties and responsibilities set out therein.		
Print Name:	Unique No / ID No	
Signature :	Date :	
Note: This Authorisation Supersedes All Previous Live Work Authorisations.		

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