

1. SCOPE

This Route to Authorisation document provides guidance for training and authorisation of personnel in the ScottishPower Safety Rules (Electrical and Mechanical). This document also lays down the procedures to be followed to ensure that persons have knowledge and experience appropriate to the duties which they will carry out on, or near to, the **System**.

2. ISSUE RECORD

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Issue Date	Issue No	Author	Amendment Details
Sept 2013	7	Jack Neilson	1) Adjustment in sequence of Authorisation Schedules 2) Inclusion of AME-SS National Accreditation. 3) Inclusion of Z Special Authorisation Categories
July 2019	8	Joseph JT Cunningham	General update due to: 1) the implementation of SPTS and archiving of SAMS database 2) changes to OPSAF-13-001 (MSP 5.1)

3. ISSUE AUTHORITY

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4. REVIEW

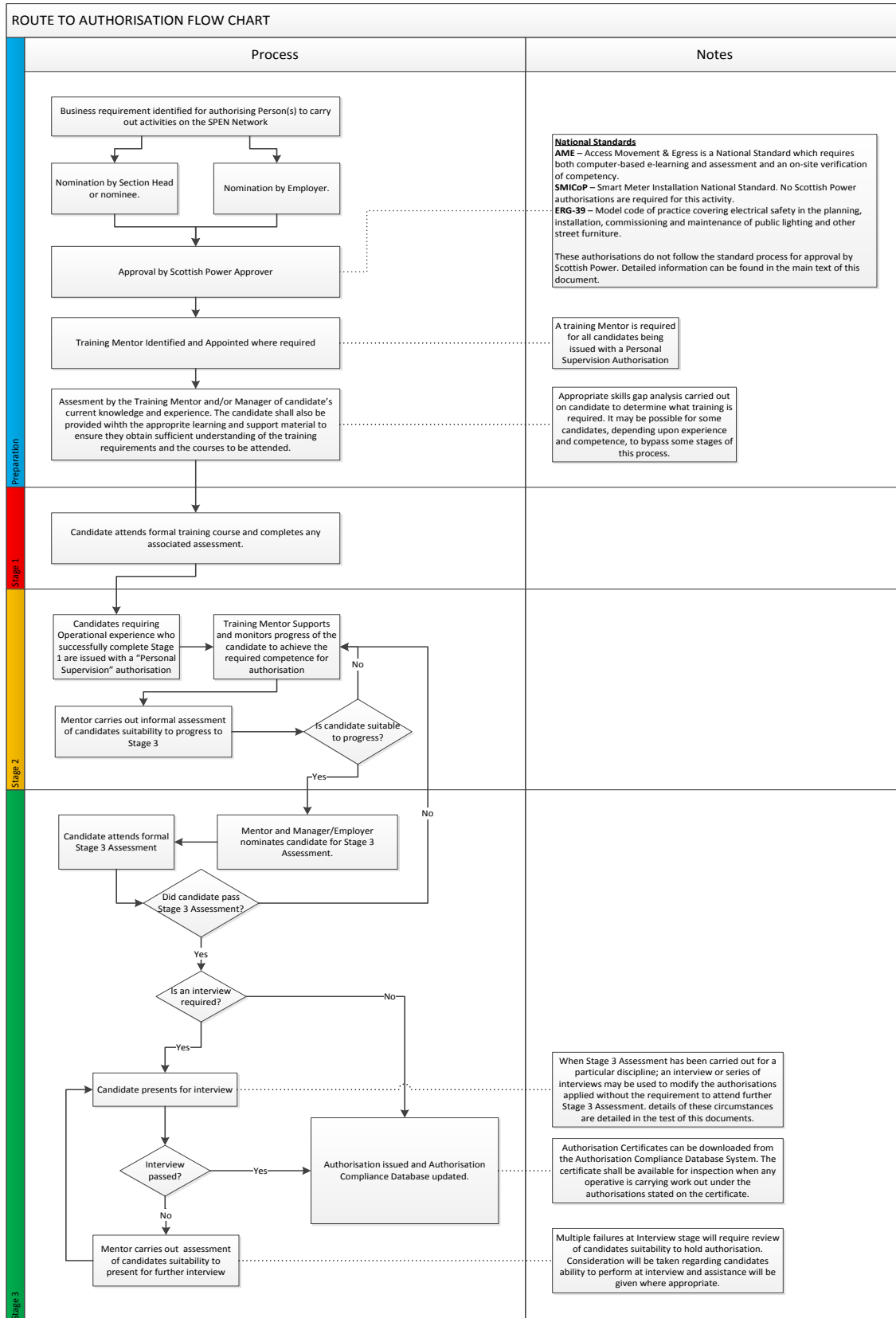
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5. DISTRIBUTION

This document is part of the Management Safety Procedures but does not have a maintained distribution list. This document is published to the [SPEN Internet](#).

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7. ROUTE TO AUTHORISATION FLOWCHART



8. GENERAL PRINCIPLES

8.1 Basic Guidelines

The appointment of a person to any group or category of authorisation cannot be decided by the length of time for which the person has been authorised at a different group or category, nor can it be decided by the duration of training and/or the number of activities carried out. Suitability for authorisation must be measured by the person's approach, attitude, knowledge of and proper application of Safety Rules, Safety Instructions and Procedures. This knowledge and experience is gained through training and supervised operational practice. At all stages of the authorisation process an appointed employee of Energy Networks, or in the case of contractors an employee appointed in agreement with Energy Networks, (known as the Training Mentor) will judge the suitability of the candidate to progress to the next stage of the authorisation process and complete and sign the relevant paperwork.

The candidate's training programme shall be arranged such that as wide a variation of the different types and manufacture of **Plant, Apparatus** and technologies as possible is covered. The work and testing shall also be as varied as possible to give experience in operating procedures.

Basic First Aid (P20.1) is a prerequisite for all Energy Networks staff attaining electrical authorisations. Contractors are only required to hold Basic First Aid where they are seeking to attain a **Live** work authorisation.

9. GENERAL REQUIREMENTS FOR AUTHORISATION

9.1 Authorisation Route

Authorisation will follow the route indicated in the Route to Authorisation flowchart in section 7 above and in the relevant schedule of this document appropriate to the authorisation being sought. The route will always consist of the same elements, each of which shall be completed and documented prior to the issue of the authorisation.

9.1.1 Working Authorisations.

A working authorisation (WI) is required as an enabler to any other authorisation. There are two distinct criteria for persons applying for working (WI) authorisations:

1. Persons applying for authorisation for the first time for ScottishPower Energy Networks who can demonstrate suitability by means of relevant experience and/or similar authorisations for other Network Operators; these candidates shall request the appropriate authorisation on the Authorisation Request Form (ARF). They will be required to provide suitable and sufficient evidence of their authorisations, experience and competency via the ARF process for consideration by the ScottishPower Approver and successfully complete the appropriate training and assessment.
2. Persons applying for authorisations for the first time who have yet to gain relevant experience and have therefore not held similar authorisations previously; a request shall be made via the ARF process for an initial authorisation of WI-PS (work under **Personal Supervision**). The WI-PS authorisation will only be issued when the candidate has successfully completed the Safety Rule Induction course and assessment. Whilst holding the WI-PS Authorisation, the candidate will compile a log of activities they have completed under **Personal Supervision**. Once the candidate's Training Mentor is satisfied that they have carried out sufficient training, gained experience and are competent to hold authorisation in their own right, a further ARF shall be submitted requesting the appropriate authorisation (WI-1 or WI-2). This request shall be supported with the evidence, which the candidate has been compiling during the training process. This evidence shall be assessed by the ScottishPower Approver through the ARF process.

9.1.2 Pre Course Experience – All Authorisations

This is the knowledge and experience which the candidate requires in order that they may understand the content of the training course. This knowledge may have been gained by attendance at a formal training course or by practical experience.

When a candidate is nominated for training it is the responsibility of the candidate's employer and Training Mentor to ensure that the candidate has the correct knowledge and experience prior to attendance at the appropriate formal authorisation training course.

9.1.3 Post Course Experience

Some authorisation training courses can provide the candidate with the appropriate knowledge that builds on their pre course experience for them to be immediately authorised following the successful completion of the course assessment. However, for other authorisations, in order that the candidate may safely undertake the duties for which they are to be authorised it may be a requirement to gain additional practical experience.

The requirements for post-course experience are fully detailed in the knowledge schedules in section 11 this document.

This experience, where it is a requirement of a particular knowledge schedule, shall be gained by carrying out appropriate work under the **Personal Supervision** of an appropriately **Authorised Person**. There may be a requirement to document, by way of a formal training log, the quantity and type of work carried out before progressing to the authorisation examination.

9.1.4 Examination

A candidate shall be nominated for assessment by their manager/employer and Training Mentor. Candidates shall only be nominated for assessment when their manager/employer and Training Mentor are fully satisfied that they meet all of the requirements set out in the knowledge schedules.

The examination will consist of all or some of the following:

- An assessment at the end of a training course.
- A practical assessment of activities involved in work related to the authorisation applied for.
- A formal interview at which the candidate will provide the examiner with any necessary evidence of his training and answer sufficient questions to satisfy the examiner of their competence in all aspects of the work to be carried out shall be sufficient to meet the requirements of the knowledge schedules and relevant legislation.

10. PERSONAL LOG OF ACTIVITIES DURING TRAINING

In accordance with section 12 of OPSAF-13-001 (MSP 5.1), a **Person**, while under training for switching or **Safety Document** issue shall, for the purposes of subsequent assessment, keep a personal, formal training log of all **System** operations, copies of **Safety Documents** prepared and work carried out under training.

10.1 Format for Personal Log

The personal log shall be in the model form contained in Appendix 1 of this document.

10.2 Recording of Relevant Activities

The **Person** under training shall record in the log all relevant activities carried out in person including:

- Operations on the network under **Personal Supervision**
- Copies of **Safety Documents** prepared and explained to the recipient under **Personal Supervision**, but issued by a **Senior Authorised Person**. The trainee should also gain experience of **Safety Document** cancellation by the **Senior Authorised Person**.
- Details of jobs and packages of work carried out while training.

10.3 Verification of Entries in Personal Log

Entries in the training log shall be verified and signed in the appropriate column by the **Person** providing **Personal Supervision**.

10.4 Recording of Meetings between Candidate and Training Mentor

Throughout the course of the candidate's training, the Training Mentor and the candidate shall have regular meetings to discuss progress and create training needs plans for required future activity. These meetings shall be recorded in the candidate's personal training log on a Training Mentor Meeting Diary contained in Appendix 2. This form shall be completed and signed by both parties at the time of the meeting..

10.5 Request for Authorisation

When requesting an authorisation, the requesting person shall review, if appropriate, the personal training log against the requirements in the knowledge schedules of route to authorisation

The knowledge schedules are contained in section 11 document and detail the minimum standards which the candidate requires to meet in order to fulfil the requirements for Authorisation.

The knowledge schedules are intended to give a minimum requirement only and, when appropriate, the training mentor signing off that part of the process shall consider any additional requirements that need to be fulfilled prior to presenting the candidate for examination.

The knowledge schedules are not job specifications. The knowledge and training requirements detailed are only related to electrical and mechanical safety. The employer of any candidate for authorisation shall ensure that all appropriate competencies are demonstrated by the candidate and that associated knowledge and training, in order to fulfil the requirements of their job are met in full.

The requirements listed in the knowledge schedules do not take into consideration Limitations or Exclusions which it may be intended to apply to an authorisation, or which may be applied at the examination stage due to inadequacies in the knowledge or experience of the candidate. If it is intended at the outset of the authorisation process to apply a Limitation and/or Exclusion to an authorisation then only knowledge in the relevant area needs to be acquired. These Limitations and Exclusions shall be included in the Authorisation Request Form by the requestor.

Example

If an employee is to be authorised to SI-3 (Prepare, issue, and cancel **Permit for Work** and **Limited Work Certificate**) limited to overhead lines then he needs to fulfil those requirements listed in the schedule that are pertinent to the authorisation. They therefore do not need to have knowledge or experience in issuing **Safety Documents** on underground cables.

The following words are used in the schedules and have specific meanings attached to them in order to indicate the level of knowledge or experience, which the candidate must attain:

Appreciation	The candidate shall be aware of the types of Safety Documents, Plant and Apparatus etc. and be able to outline key points to the Training Mentor.
Knowledge	The candidate shall have a good working knowledge of Safety Documents, Plant and Apparatus although some gaps are acceptable provided that the candidate knows the basic principles involved.
Understanding	The candidate shall have an in depth knowledge of documents or items of all relevant Safety Documents, Plant and Apparatus etc. and must be able to show the ability to apply the information.

11. MASTER SCHEDULE LIST

Schedule Number	1								
Authorisation	WI-1								
Voltage(s)	LV to 400kV								
Pre-course Experience	Initial/Date	Post-course Training	Initial/Date	Appraisal/Assessment/Examination/Interview	Initial/Date	Appraisal/Assessment/Examination/Interview	Initial/Date		
None		Where practicable, the candidate shall gain post course experience by working as a member of a team under the Personal Supervision of a suitably Authorised Person. There may be some instances, particularly with regard to contractors, where this requirement is not practical.		The candidate shall show a knowledge of their responsibilities associated with this authorisation and others as defined in Section C of the Safety Rules		The candidate shall show that he has sufficient knowledge and experience to meet the requirement of the Electricity at Work Reg 16 in the environment in which he is to work			
				The candidate shall show a knowledge of the Basic Safety Rules and Safety Clearance Distances as defined in Section A of the Safety Rules at the various voltage levels		The candidate shall show a knowledge of the requirement to complete a dynamic risk assessment before starting work and why			
				The candidate shall understand the requirements for Safety Documents and control of Safety Keys as defined in Section B of the Safety Rules		The candidate shall show an understanding of the requirements for PPE and the PPE pertinent to the tasks to be executed			
				The candidate shall show knowledge of the Definitions as defined in Section D of the Safety Rules (MSP6.1)		The candidate shall show a knowledge of the types of plant and apparatus used on the system at these voltages and an appreciation of the plant and apparatus used at associated voltages			
				The candidate shall show knowledge of the General Provisions within the Safety Rules		The candidate shall know what a point of isolation is, how to identify, and control it			
				The candidate shall show knowledge of the procedure to be used for objecting to work on the grounds of safety (MSP2.7)		The candidate shall understand the use of Danger and Caution Notices			
				The candidate shall show knowledge of PSSIs 5 (Underground Cables)		The candidate shall show knowledge of Supervision Levels as defined in the Safety Rules			
				The candidate shall show knowledge of PSSIs 6 & 8 (Substations)		The candidate shall show knowledge of the 4 basic safety signs (Prohibition, Warning, Safe Condition & Mandatory)			
				The candidate shall show knowledge of PSSIs 4 & 16 (Overhead Lines)		The candidate shall show knowledge of safe digging practices (HSG47) if applicable for their role			
				The candidate shall show knowledge of PSSIs 12 & 17 (Meter Operators and Jointers)					
				The candidate shall show a knowledge of Earthing equipment, function, and be able to identify					

* Training Mentor To Initial And Date Completion Of Each Stage

Pre-course Experience	Initial/Date	Post-course Training	Initial/Date	Appraisal/Assessment/Examination/Interview	Initial/Date	Appraisal/Assessment/Examination/Interview	Initial/Date
None		Where practicable, the candidate shall gain post course experience by working as a member of a team under the Personal Supervision of a suitably Authorised Person. There may be some instances, particularly with regard to contractors, where this requirement is not practical.		The candidate shall show a knowledge of their responsibilities associated with this authorisation and others as defined in Section C of the Safety Rules		The candidate shall show that he has sufficient knowledge and experience to meet the requirement of the Electricity at Work Reg 16 in the environment in which he is to work	
				The candidate shall show a knowledge of the Basic Safety Rules and Safety Clearance Distances as defined in Section A of the Safety Rules at the various voltage levels		The candidate shall show a knowledge of the requirement to complete a dynamic risk assessment before starting work and why	
				The candidate shall understand the requirements for Safety Documents and control of Safety Keys as defined in Section B of the Safety Rules		The candidate shall show an understanding of the requirements for PPE and the PPE pertinent to the tasks to be executed	
				The candidate shall show knowledge of the Definitions as defined in Section D of the Safety Rules (MSP6.1)		The candidate shall show a knowledge of the types of plant and apparatus used on the system at these voltages and an appreciation of the plant and apparatus used at associated voltages	
				The candidate shall show knowledge of the General Provisions within the Safety Rules		The candidate shall know what a point of isolation is, how to identify, and control it	
				The candidate shall show knowledge of the procedure to be used for objecting to work on the grounds of safety (MSP2.7)		The candidate shall understand the use of Danger and Caution Notices	
				The candidate shall show knowledge of PSSIs 5 (Underground Cables)		The candidate shall show knowledge of Supervision Levels as defined in the Safety Rules	
				The candidate shall show knowledge of PSSIs 6 & 8 (Substations)		The candidate shall show knowledge of the 4 basic safety signs (Prohibition, Warning, Safe Condition & Mandatory)	
				The candidate shall show knowledge of PSSIs 4 & 16 (Overhead Lines)		The candidate shall show knowledge of safe digging practices (HSG47) if applicable for their role	
				The candidate shall show knowledge of PSSIs 12 & 17 (Meter Operators and Jointers)			
				The candidate shall show a knowledge of Earthing equipment, function, and be able to identify			

* Training Mentor To Initial And Date Completion Of Each Stage

Schedule Number									
Authorisation		WI-3							
Voltage(s)		LV							
Pre-course Experience	Initial/Date	Post-course Training	Initial/Date	Appraisal/Assessment/Examination/Interview	Initial/Date	Appraisal/Assessment/Examination/Interview	Initial/Date		
None		Where practicable the candidate shall gain post course experience by working as a member of a team under the Personal Supervision of a Suitably Authorised Person. There may be some instances, particularly with regard to contractors, where this requirement is not practicable		The candidate shall show a knowledge of their responsibilities associated with this authorisation and others as defined in Section C of the Safety Rules		The candidate shall show that he has sufficient knowledge and experience to meet the requirement of the Electricity at Work Reg 16 in the environment in which he is to work			
				The candidate shall show a knowledge of the Basic Safety Rules and Safety Clearance Distances as defined in Section A of the Safety Rules at the various voltage levels		The candidate shall show a knowledge of the requirement to complete a dynamic risk assessment before starting work and why			
				The candidate shall show knowledge of the Definitions as defined in Section D of the Safety Rules (MSP6.1)		The candidate shall show an understanding of the hazard control measures implemented before the issue of a safety document e.g. position of Primary Earths (Note: this requirement will vary dependant on any limitations which are to be applied to the authorisation)			
				The candidate shall show knowledge of the General Provisions within the Safety Rules		The candidate shall show an understanding of the hazard control measures implemented after the issue of a safety document e.g. position of Drain Earths (Note: this requirement will vary dependant on any limitations which are to be applied to the authorisation)			
				The candidate shall show knowledge of the procedure to be used for objecting to work on the grounds of safety (MSP2.7)		The candidate shall show an understanding of the requirements for PPE and the PPE pertinent to the tasks to be executed			
				The candidate shall show knowledge of the requirements for safety documents		The candidate shall show a knowledge of the types of plant and apparatus used on the system at this voltage			
				The candidate shall show knowledge of PSSI 12 (LV Apparatus)		The candidate shall know what is meant by isolation (D.16), how to create and control, and identify the point of isolation			
				The candidate shall show knowledge of PSSI 17 (Work/Testing of a Customer's Installation and at the Energy Networks / Customer Boundary)		The candidate shall show an understanding of the requirements for supervision			
						The candidate shall show a knowledge of the demarcation of safe working areas in substations			
						The candidate shall show knowledge of the 4 basic safety signs (Prohibition, Warning, Safe Condition & Mandatory)			
						The candidate shall understand the use of Danger and Caution Notices			
						The candidate shall show knowledge of the requirements for and recognise earthing equipment			

* Training Mentor To Initial And Date Completion Of Each Stage

Schedule Number									
Authorisation		SR-2							
Voltage(s)		All HV Volts							
Pre-course Experience	Initial/Date	Post-course Training	Initial/Date	Appraisal/Assessment/Examination/Interview	Initial/Date	Appraisal/Assessment/Examination/Interview	Initial/Date		
Knowledge of the Scottish Power Safety Rules		None		The candidate shall show a knowledge of their responsibilities associated with this authorisation and others as defined in Section C of the Safety Rules		The candidate shall show that he has sufficient knowledge and experience to meet the requirement of the Electricity at Work Reg 16 in the environment in which he is to work			
Knowledge of HASAWA				The candidate shall show a knowledge of the Basic Safety Rules and Safety Clearance Distances as defined in Section A of the Safety Rules at the various voltage levels		The candidate shall show a knowledge of what they should always complete before starting work and why			
Knowledge of the Electricity at Work Regulations				The candidate shall show a knowledge of the content of the safety documents as defined in Section B of the safety rules (MSP 4.6), how to complete, transfer and cancel it		The candidate shall show an understanding of the hazard control measures implemented before the issue of a safety document e.g. position of Primary Earths (Note: this requirement will vary dependant on any limitations which are to be applied to the authorisation)			
Knowledge of the Management of Health and Safety at Work Regulations				The candidate shall show knowledge of the Definitions as defined in Section D of the Safety Rules (MSP6.1)		The candidate shall show an understanding of the hazard control measures implemented after the issue of a safety document e.g. position of Drain Earths (Note: this requirement will vary dependant on any limitations which are to be applied to the authorisation)			
Knowledge of Plant and Apparatus used on the System at these voltages				The candidate shall show knowledge of the General Provisions within the Safety Rules		The candidate shall show an understanding of the requirements for PPE and the PPE pertinent to the tasks to be executed			
Knowledge of the requirements for safety documents				The candidate shall show knowledge of the procedure to be used upon the loss of a safety document (MSP2.5)		The candidate shall know what the purpose and difference is between a PFW, LWC and SFT			
Knowledge of Energy Networks Risk Assessment				The candidate shall show knowledge of the procedure to be used for objecting to work on the grounds of safety (MSP2.7)		The candidate shall know what the purpose is of a Selected Persons Report			
				The candidate shall show knowledge of PSSIs 6 & 8		The candidate shall show a knowledge of the types of plant and apparatus used on the system at these voltages and an appreciation of the plant and apparatus used at associated voltages			
				The candidate shall show knowledge of PSSI 5		The candidate shall know what is meant by isolation (D.16), how to create and control, and identify the point of isolation			
				The candidate shall show knowledge of how to achieve safety from the system by limiting the testing, work or work area (MSP1.3)		The candidate shall show an understanding of the requirements for supervision of the working party and when in receipt of a safety document			
				The candidate shall show knowledge of PSSIs 4 & 16 (Overhead Linesmen)		The candidate shall know the function of the various Earthing devices used for working, testing and plant movements on or adjacent to the system			
				The candidate shall show knowledge of PSSI 10 (Substation SF6)		The candidate shall show knowledge of the 4 basic safety signs (Prohibition, Warning, Safe Condition & Mandatory)			
				The candidate shall show knowledge of PSSI 12 (LV Cables)		The candidate shall understand the use of Danger and Caution Notices			
				The candidate shall show knowledge of PSSI 35 (Substation CO2)		The candidate shall show knowledge of safe digging practices (HSG47) if applicable for their role			
				Alternative Demarcation / Screening For Jointers					

* Training Mentor To Initial And Date Completion Of Each Stage

Schedule Number										
Authorisation	SR-3									
Voltage(s)	All HV Volts									
Pre-course Experience	Initial/Date	Post-course Training	Initial/Date	Appraisal/Assessment/Examination/Interview	Initial/Date	Appraisal/Assessment/Examination/Interview	Initial/Date			
Knowledge of the Scottish Power Safety Rules		None		The candidate shall show a knowledge of their responsibilities associated with this authorisation and others as defined in Section C of the Safety Rules		The candidate shall show that he has sufficient knowledge and experience to meet the requirement of the Electricity at Work Reg 16 in the environment in which he is to work				
Knowledge of HASAWA				The candidate shall show a knowledge of the Basic Safety Rules and Safety Clearance Distances as defined in Section A of the Safety Rules at the various voltage levels		The candidate shall show a knowledge of what they should always complete before starting work and why				
Knowledge of the Electricity at Work Regulations				The candidate shall show a knowledge of the content of the safety documents as defined in Section B of the safety rules (MSP 4.6), how to complete, transfer and clear it		The candidate shall show an understanding of the hazard control measures implemented before the issue of a safety document e.g. position of Primary Earths (Note: this requirement will vary dependant on any limitations which are to be applied to the authorisation)				
Knowledge of the Management of Health and Safety at Work Regulations				The candidate shall show knowledge of the Definitions as defined in Section D of the Safety Rules (MSP6.1)		The candidate shall show an understanding of the hazard control measures implemented after the issue of a safety document e.g. position of Drain Earths (Note: this requirement will vary dependant on any limitations which are to be applied to the authorisation)				
Knowledge of Plant and Apparatus used on the System at these voltages				The candidate shall show knowledge of the General Provisions within the Safety Rules		The candidate shall show an understanding of the requirements for PPE and the PPE pertinent to the tasks to be executed				
Knowledge of the requirements for safety documents				The candidate shall show knowledge of the procedure to be used upon the loss of a safety document (MSP2.5)		The candidate shall know what the purpose and difference is between a PFW and LWC				
Knowledge of Energy Networks Risk Assessment				The candidate shall show knowledge of the procedure to be used for objecting to work on the grounds of safety (MSP2.7)		The candidate shall know what the purpose is of a Selected Persons Report				
				The candidate shall show knowledge of PSSIs 6 & 8		The candidate shall show a knowledge of the types of plant and apparatus used on the system at these voltages and an appreciation of the plant and apparatus used at associated voltages				
				The candidate shall show knowledge of PSSIs 4 & 16 (Overhead Linesmen)		The candidate shall know what is meant by isolation (D.16), how to create and control, and identify the point of isolation				
				The candidate shall show knowledge of PSSI 10 (Substation SF6)		The candidate shall show an understanding of the requirements for supervision of the working party and when in receipt of a safety document				
				The candidate shall show knowledge of PSSI 12 (LV Cables)		The candidate shall know the function of the various Earthing devices used for working, testing and plant movements on or adjacent to the system				
				The candidate shall show knowledge of PSSI 35 (Substation CO2)		The candidate shall show knowledge of the 4 basic safety signs (Prohibition, Warning, Safe Condition & Mandatory)				
				Alternative Demarcation / Screening For Jointers		The candidate shall understand the use of Danger and Caution Notices				
						The candidate shall show a knowledge of the extended Safety Distances at the various voltage levels for vehicle and plant movements				
						The candidate shall show knowledge of safe digging practices (HSG47) if applicable for their role				

* Training Mentor To Initial And Date Completion Of Each Stage

Schedule Number									
Authorisation		SR-4							
Voltage(s)		All Volt Levels							
Pre-course Experience	Initial/Date	Post-course Training	Initial/Date	Appraisal/Assessment/Examination/Interview	Initial/Date	Appraisal/Assessment/Examination/Interview	Initial/Date		
Knowledge of the Scottish Power Safety Rules		None		The candidate shall show a knowledge of their responsibilities associated with this authorisation and others as defined in Section C of the Safety Rules		The candidate shall show that he has sufficient knowledge and experience to meet the requirement of the Electricity at Work Reg 16 in the environment in which he is to work			
Knowledge of HASAWA				The candidate shall show a knowledge of the Basic Safety Rules and Safety Clearance Distances as defined in Section A of the Safety Rules at the various voltage levels		The candidate shall show a knowledge of what they should always complete before starting work and why			
Knowledge of the Electricity at Work Regulations				The candidate shall show a knowledge of the content of the safety documents as defined in Section B of the safety rules (MSP 4.6), how to complete, transfer and clear it		The candidate shall show an understanding of the hazard control measures implemented before the issue of a safety document e.g. position of Primary Earths (Note: this requirement will vary dependant on any limitations which are to be applied to the authorisation)			
Knowledge of the Management of Health and Safety at Work Regulations				The candidate shall show knowledge of the Definitions as defined in Section D of the Safety Rules (MSP6.1)		The candidate shall show an understanding of the hazard control measures implemented after the issue of a safety document e.g. position of Drain Earths (Note: this requirement will vary dependant on any limitations which are to be applied to the authorisation)			
Knowledge of Plant and Apparatus used on the System at these voltages				The candidate shall show knowledge of the General Provisions within the Safety Rules		The candidate shall show an understanding of the requirements for PPE and the PPE pertinent to the tasks to be executed			
Knowledge of the requirements for safety documents				The candidate shall show knowledge of the procedure to be used upon the loss of a safety document (MSP2.5)		The candidate shall know what the purpose and difference is between a PFW and LWC			
Knowledge of Energy Networks Risk Assessment				The candidate shall show knowledge of the procedure to be used for objecting to work on the grounds of safety (MSP2.7)		The candidate shall show a knowledge of the types of plant and apparatus used on the system at these voltages and an appreciation of the plant and apparatus used at associated voltages			
				The candidate shall show knowledge of PSSIs 6 & 8		The candidate shall know what is meant by isolation (D.16), how to create and control, and identify the point of isolation			
				The candidate shall show knowledge of PSSIs 4 & 16 (Overhead Linesmen)		The candidate shall show an understanding of the requirements for supervision of the working party and when in receipt of a safety document			
				The candidate shall show knowledge of PSSI 10 (Substation SF6)		The candidate shall know the function of the various Earthing devices used for working, testing and plant movements on or adjacent to the system			
				The candidate shall show knowledge of PSSI 12 (LV Cables)		The candidate shall show knowledge of the 4 basic safety signs (Prohibition, Warning, Safe Condition & Mandatory)			
				The candidate shall show knowledge of PSSI 35 (Substation CO2)		The candidate shall understand the use of Danger and Caution Notices			
						The candidate shall show a knowledge of the extended Safety Distances at the various voltage levels for vehicle and plant movements			
						The candidate shall show knowledge of safe digging practices (HSG47) if applicable for their role			

* Training Mentor To Initial And Date Completion Of Each Stage

Schedule Number							
Authorisation	WL-1						
Voltage(s)	LV						
Pre-course Experience	Initial/Date	Post-course Training	Initial/Date	Appraisal/Assessment/Examination/Interview	Initial/Date	Appraisal/Assessment/Examination/Interview	Initial/Date
Experience of carrying out appropriate work with a WI-1 authorisation		Working as a member of a team under the Personal Supervision of a suitably Authorised Person carrying out the live working procedures for which the candidate is to be authorised		The candidate shall show a knowledge of their responsibilities associated with this authorisation and others as defined in Section C of the Safety Rules		The candidate shall show that he has sufficient knowledge and experience to meet the requirement of the Electricity at Work Reg 16 in the environment in which he is to work	
Knowledge of the Scottish Power Safety Rules		Carry out sufficient tasks to satisfy the Training Mentor or an approved assessor of his competence		The candidate shall show a knowledge of the Basic Safety Rules and Safety Clearance Distances as defined in Section A of the Safety Rules at the various voltage levels		The candidate shall show an understanding of the risk assessment system to be used to identify whether the work may be carried out live	
Knowledge of HASAWA				The candidate shall show knowledge of the Definitions as defined in Section D of the Safety Rules (MSP6.1)		The candidate shall show an understanding of the requirements for PPE and the PPE pertinent to the tasks to be executed	
Knowledge of the Electricity at Work Regulations				The candidate shall show knowledge of the General Provisions within the Safety Rules		The candidate shall know what the purpose and difference is between a PFW and LWC	
Knowledge of the Management of Health and Safety at Work Regulations				The candidate shall show knowledge of the procedure to be used for objecting to work on the grounds of safety (MSP2.7)		The candidate shall understand the requirements for safety documents	
Knowledge of Plant and Apparatus used on the System at these voltages				The candidate shall show knowledge of PSSIs 6 & 8		The candidate shall show a knowledge of the types of plant and apparatus used on the system at these voltages and an appreciation of the plant and apparatus used at associated voltages	
Knowledge of the requirements for safety documents				The candidate shall show knowledge of PSSIs 4 & 16 (Overhead Linesmen)		The candidate shall know what is meant by isolation (D.16), how to create and control, and identify the point of isolation	
Knowledge of Energy Networks Risk Assessment				The candidate shall show knowledge of PSSIs 12 (LV Cables)		The candidate shall show an understanding of the requirements for supervision of the working party and when in receipt of a safety document	
				The candidate shall show knowledge of SP LWM and associated procedures		The candidate shall know the function of the various Earthing devices used for working, testing and plant movements on or adjacent to the system	
						The candidate shall show knowledge of the 4 basic safety signs (Prohibition, Warning, Safe Condition & Mandatory)	
						The candidate shall understand the use of Danger and Caution Notices	
						The candidate shall show an understanding of the test equipment to be used to prove "Live/Not Live" and testing practices applicable for their role	
						The candidate shall show knowledge of safe digging practices (HSG47) if applicable for their role	
						The candidate shall show knowledge of how to avoid danger from OHL (GS6) if applicable for their role	
						The candidate shall show knowledge of different cable types to be found on the network if applicable for their role	

* Training Mentor To Initial And Date Completion Of Each Stage

Schedule Number										
Authorisation	WL-1									
Voltage(s)	11kV									
Pre-course Experience	Initial/Date	Post-course Training	Initial/Date	Appraisal/Assessment/Examination/Interview	Initial/Date	Appraisal/Assessment/Examination/Interview	Initial/Date			
Experience of carrying out appropriate work with a WI-1 authorisation		Working as a member of a team under the Personal Supervision of a suitably Authorised Person carrying out the live working procedures for which the candidate is to be authorised		The candidate shall show a knowledge of their responsibilities associated with this authorisation and others as defined in Section C of the Safety Rules		The candidate shall show that he has sufficient knowledge and experience to meet the requirement of the Electricity at Work Reg 16 in the environment in which he is to work				
Knowledge of the Scottish Power Safety Rules		Carry out sufficient tasks to satisfy the Training Mentor or an approved assessor of his competence		The candidate shall show a knowledge of the Basic Safety Rules and Safety Clearance Distances as defined in Section A of the Safety Rules at the various voltage levels		The candidate shall show an understanding of the risk assessment system to be used to identify whether the work may be carried out live				
Knowledge of HASAWA				The candidate shall show knowledge of the Definitions as defined in Section D of the Safety Rules (MSP6.1)		The candidate shall show an understanding of the requirements for PPE and the PPE pertinent to the tasks to be executed				
Knowledge of the Electricity at Work Regulations				The candidate shall show knowledge of the General Provisions within the Safety Rules		The candidate shall know what the purpose and difference is between a PFW and LWC				
Knowledge of the Management of Health and Safety at Work Regulations				The candidate shall show knowledge of the procedure to be used for objecting to work on the grounds of safety (MSP2.7)		The candidate shall understand the requirements for safety documents				
Knowledge of Plant and Apparatus used on the System at these voltages				The candidate shall show knowledge of PSSIs 6 & 8		The candidate shall show a knowledge of the types of plant and apparatus used on the system at these voltages and an appreciation of the plant and apparatus used at associated voltages				
Knowledge of the requirements for safety documents				The candidate shall show knowledge of PSSIs 4 & 16 (Overhead Linesmen)		The candidate shall know what is meant by isolation (D.16), how to create and control, and identify the point of isolation				
Knowledge of Energy Networks Risk Assessment				The candidate shall show knowledge of SP LWM 5.2 if applicable for their role		The candidate shall show an understanding of the requirements for supervision of the working party and when in receipt of a safety document				
				The candidate shall show knowledge of SP LWM 5.3 if applicable for their role		The candidate shall know the function of the various Earthing devices used for working, testing and plant movements on or adjacent to the system				
				The candidate shall show knowledge of SP LWM 5.4 if applicable for their role		The candidate shall show knowledge of the 4 basic safety signs (Prohibition, Warning, Safe Condition & Mandatory)				
				The candidate shall show knowledge of SP LWM 8.4 if applicable for their role		The candidate shall understand the use of Danger and Caution Notices				
						The candidate shall show an understanding of the test equipment to be used to prove "Live/Not Live" and testing practices applicable for their role				
						The candidate shall show knowledge of safe digging practices (HSG47) if applicable for their role				
						The candidate shall show knowledge of how to avoid danger from OHL (GS6) if applicable for their role				
						The candidate shall show knowledge of different cable types to be found on the network if applicable for their role				

* Training Mentor To Initial And Date Completion Of Each Stage

Schedule Number							
Authorisation	WL-2						
Voltage(s)	LV						
Pre-course Experience	Initial/Date	Post-course Training	Initial/Date	Appraisal/Assessment/Examination/Interview	Initial/Date	Appraisal/Assessment/Examination/Interview	Initial/Date
None		None		The candidate shall show a knowledge of their responsibilities associated with this authorisation and others as defined in Section C of the Safety Rules		The candidate shall show that he has sufficient knowledge and experience to meet the requirement of the Electricity at Work Reg 16 in the environment in which he is to work	
				The candidate shall show a knowledge of the Basic Safety Rules and Safety Clearance Distances as defined in Section A of the Safety Rules at the various voltage levels		The candidate shall show a knowledge of what they should always complete before starting work and why they have chosen to work live	
				The candidate shall show knowledge of the Definitions as defined in Section D of the Safety Rules (MSP6.1)		The candidate shall show an understanding of the hazard control measures implemented to avoid danger when working live	
				The candidate shall show knowledge of the General Provisions within the Safety Rules		The candidate shall be able to render assistance in an emergency and be in possession of a Basic First Aid certificate	
				The candidate shall show knowledge of the procedure to be used for objecting to work on the grounds of safety (MSP2.7)		The candidate shall show an understanding of the requirements for PPE and the PPE pertinent to the tasks to be executed	
				The candidate shall show knowledge of PSSIs 6 & 8 if applicable for their role		The candidate shall show a knowledge of the types of plant and apparatus used on the system at this voltage and an appreciation of the plant and apparatus used at associated voltages	
				The candidate shall show knowledge of PSSIs 4 & 16 if applicable for their role		The candidate shall know what is meant by isolation (D.16), how to create and control, and identify the point of isolation	
				The candidate shall show knowledge of PSSIs 12 & 17 if applicable for their role		The candidate shall show an understanding of the requirements for supervision of the working party	
						The candidate shall know the function of the various Earthing devices used for working, testing and plant movements on or adjacent to the system	
						The candidate shall show knowledge of the 4 basic safety signs (Prohibition, Warning, Safe Condition & Mandatory)	
						The candidate shall understand the use of Danger and Caution Notices	
						The candidate shall show knowledge of safe digging practices (HSG47) if applicable for their role	
						The candidate shall show knowledge of avoiding dangers from Overhead Conductors (GS6) if applicable for their role	
						The candidate shall show knowledge of the requirements to control and manage chemical usage (COSHH and MSDS)	
						The candidate shall show knowledge of the Lifting Equipment Regulations (LOLER)	
						The candidate shall show knowledge of the Work Equipment Regulations (PUWER)	
						The candidate shall show knowledge of the controls to be implemented for the use of Electrical and Test Equipment	

* Training Mentor To Initial And Date Completion Of Each Stage

Schedule Number						
Authorisation	CP-1					
Voltage(s)	All Volts					
Pre-course Experience	Initial/Date	Post-course Training	Initial/Date	Appraisal/Assessment/Examination/Interview	Initial/Date	Appraisal/Assessment/Examination/Interview
Knowledge of the Scottish Power Safety Rules		Working with CP-1 authorised member of staff. Assisting in all the duties of CP-1. (Note: the candidate should carry out the following duties but the responsibility for the correct implementation of the Safety Rules remains with the CP-1 Authorised Person)		The candidate shall show a knowledge of their responsibilities associated with this authorisation and others as defined in Section C of the Safety Rules		The candidate shall show that he has sufficient knowledge and experience to meet the requirement of the Electricity at Work Reg 16 in the environment in which he is to work
Knowledge of HASAWA				The candidate shall show a knowledge of the Basic Safety Rules and Safety Clearance Distances as defined in Section A of the Safety Rules at the various voltage levels		The candidate shall show a knowledge of the SCADA systems used in SPEN and how these are configured to align with the Safety Rules
Knowledge of the Electricity at Work Regulations				The candidate shall show knowledge of the Definitions as defined in Section D of the Safety Rules (MSP6.1)		The candidate shall show an understanding of the requirements for PPE and the PPE pertinent to the tasks to be executed
Knowledge of the Management of Health and Safety at Work Regulations				The candidate shall show knowledge of the General Provisions within the Safety Rules		The candidate shall show a knowledge of what they should always complete before starting work and why
Knowledge of the types of plant and apparatus used on the system at all voltages				The candidate shall understand the procedures to be carried out during switching with particular reference to switching procedures and network operation		The candidate shall know what is meant by isolation (D.16), how to create and control, and identify the point of isolation
Knowledge of system control boundaries				The candidate shall understand the safety procedures when working across various control boundaries		The candidate shall show knowledge of the use of transfer and extension Earthing switchgear including use and operation on integral isolator switchgear
Knowledge of system control				The candidate shall show knowledge of Control Procedures for system operation, network control, switchgear capabilities, Isolation and Earthing		The candidate shall show knowledge of documentation used and communications with other parties
Knowledge of the requirements for safety documents				The candidate shall show an understanding of the use of Safety Documents depending on the work/testing being carried out		The candidate shall show an understanding of generation and demand balancing techniques
Knowledge of Energy Networks Risk Assessment				The candidate shall show an understanding of cable and line ratings and where to locate them		The candidate shall show an understanding of voltage control and mechanisms used to control system volts
Knowledge of the Electricity Safety Quality & Continuity Regulations 2002				The candidate shall show an understanding of protection relay terminology, interrogation and operation of various schemes (REF, NVD)		The candidate shall understand Protection systems and alarms, including any actions required for any Protection depletions
				The candidate shall show an understanding of the requirements for recording of switching operations and instructions		Should the candidate be authorised for 600kV HVDC, they will show an understanding of the HVDC operational link
				The candidate shall show knowledge of system control boundaries		
				The candidate shall show an understanding of the requirements for completion, issue, receipt, clearance and cancellation of safety documents		
				The candidate shall show knowledge of OPSAF-11-32 (MSP5.2)		
				The candidate show knowledge of contingency arrangements to be applied during planned and fault working to minimise the impact and risk to customers		

* Training Mentor To Initial And Date Completion Of Each Stage

Pre-course Experience	Initial/Date	Post-course Training	Initial/Date	Appraisal/Assessment/Examination/Interview	Initial/Date	Appraisal/Assessment/Examination/Interview	Initial/Date
Knowledge of the Scottish Power Safety Rules		Working with CP-1 authorised member of staff. Assisting in all the duties of CP-1. (Note: the candidate should carry out the following duties but the responsibility for the correct implementation of the Safety Rules remains with the CP-1 Authorised Person)		The candidate shall show a knowledge of the responsibilities associated with this authorisation and others as defined in Section C of the Safety Rules		The candidate shall show that he has sufficient knowledge and experience to meet the requirement of the Electricity at Work Reg 16 in the environment in which he is to work	
Knowledge of HASAWA				The candidate shall show a knowledge of the Basic Safety Rules and Safety Clearance Distances as defined in Section A of the Safety Rules at the various voltage levels		The candidate shall show an understanding of the requirements for PPE and the PPE pertinent to the tasks to be executed	
Knowledge of the Electricity at Work Regulations				The candidate shall show knowledge of the Definitions as defined in Section D of the Safety Rules (MSP6.1)		The candidate shall show a knowledge of what they should always complete before starting work and why	
Knowledge of the Management of Health and Safety at Work Regulations				The candidate shall show knowledge of the General Provisions within the Safety Rules		The candidate shall know what is meant by isolation (D.16), how to create and control, and identify the point of isolation	
Knowledge of the types of plant and apparatus used on the system at all voltages				The candidate shall understand the procedures to be carried out during switching with particular reference to phasing checks, etc.			
Knowledge of system control boundaries				The candidate shall understand the fuse ratings applicable to the operation of the different types of plant and apparatus on the system.			
Knowledge of system control				The candidate shall show an understanding of System Fault Levels			
Knowledge of the requirements for safety documents				The candidate shall show an understanding of Switchgear ratings			
Knowledge of Energy Networks Risk Assessment				The candidate shall show an understanding of cable and line ratings			
Knowledge of the Electricity Safety Quality & Continuity Regulations 2002				The candidate shall show an understanding of protection relay terminology and interrogation			
				The candidate shall show an understanding of the requirements for recording of switching operations and instructions			
				The candidate shall have knowledge of system control boundaries			
				The candidate shall show an understanding of the requirements for completion, issue, receipt, clearance and cancellation of safety documents			
				The candidate shall have knowledge of System Control procedure			
				The candidate shall show knowledge of OPSAF-11-32 (MSP5.2)			

* Training Mentor To Initial And Date Completion Of Each Stage

Pre-course Experience	Initial/Date	Post-course Training	Initial/Date	Appraisal/Assessment/Examination/Interview	Initial/Date	Appraisal/Assessment/Examination/Interview	Initial/Date
Knowledge of the Scottish Power Safety Rules		Working with CP-1 authorised member of staff. Assisting in all the duties of CP-1. (Note: the candidate should carry out the following duties but the responsibility for the correct implementation of the Safety Rules remains with the CP-1 Authorised Person)		The candidate shall show a knowledge of their responsibilities associated with this authorisation and others as defined in Section C of the Safety Rules		The candidate shall show that he has sufficient knowledge and experience to meet the requirement of the Electricity at Work Reg 16 in the environment in which he is to work	
Knowledge of HASAWA				The candidate shall show a knowledge of the Basic Safety Rules and Safety Clearance Distances as defined in Section A of the Safety Rules at the various voltage levels		The candidate shall show an understanding of the requirements for PPE and the PPE pertinent to the tasks to be executed	
Knowledge of the Electricity at Work Regulations				The candidate shall show knowledge of the Definitions as defined in Section D of the Safety Rules (MSP6.1)		The candidate shall show a knowledge of what they should always complete before starting work and why	
Knowledge of the Management of Health and Safety at Work Regulations				The candidate shall show knowledge of the General Provisions within the Safety Rules		The candidate shall know what is meant by isolation (D.16), how to create and control, and identify the point of isolation	
Knowledge of the types of plant and apparatus used on the system at all voltages				The candidate shall show an understanding of System Fault Levels			
Knowledge of system control boundaries				The candidate shall show an understanding of Switchgear ratings			
Knowledge of system control				The candidate shall show an understanding of cable and line ratings			
Knowledge of the requirements for safety documents				The candidate shall show an understanding of protection relay terminology and interrogation			
Knowledge of Energy Networks Risk Assessment				The candidate shall show an understanding of the requirements for recording of switching operations and instructions			
Knowledge of the Electricity Safety Quality & Continuity Regulations 2002				The candidate shall have knowledge of system control boundaries			
				The candidate shall show an understanding of the requirements for completion, issue, receipt, clearance and cancellation of safety documents			
				The candidate shall have knowledge of System Control procedure			
				The candidate shall show knowledge of OPSAF-11-010 (MSP1.8)			
				The candidate shall show knowledge of OPSAF-11-030 (MSP4.5)			
				The candidate shall show knowledge of OPSAF-11-032 (MSP5.2)			
				The candidate shall show knowledge of OPSAF-11-034 (MSP5.4)			
				The candidate shall show knowledge of PSSI1			
				The candidate shall show knowledge of PSSI2			

* Training Mentor To Initial And Date Completion Of Each Stage

Pre-course Experience	Initial/Date	Post-course Training	Initial/Date	Appraisal/Assessment/Examination/Interview	Initial/Date	Appraisal/Assessment/Examination/Interview	Initial/Date
knowledge of the Scottish Power Safety Rules		Working with CP-1 authorised member of staff. Assisting in all the duties of CP-1. (Note: the candidate should carry out the following duties but the responsibility for the correct implementation of the Safety Rules remains with the CP-1 Authorised Person)		The candidate shall show a knowledge of their responsibilities associated with this authorisation and others as defined in Section C of the Safety Rules		The candidate shall show that he has sufficient knowledge and experience to meet the requirement of the Electricity at Work Reg 16 in the environment in which he is to work	
Knowledge of HASAWA				The candidate shall show a knowledge of the Basic Safety Rules and Safety Clearance Distances as defined in Section A of the Safety Rules at the various voltage levels		The candidate shall show an understanding of the requirements for PPE and the PPE pertinent to the tasks to be executed	
Knowledge of the Electricity at Work Regulations				The candidate shall show knowledge of the Definitions as defined in Section D of the Safety Rules (MSP6.1)		The candidate shall show a knowledge of what they should always complete before starting work and why	
Knowledge of the Management of Health and Safety at Work Regulations				The candidate shall show knowledge of the General Provisions within the Safety Rules		The candidate shall know what is meant by isolation (D.16), how to create and control, and identify the point of isolation	
Knowledge of the types of plant and apparatus used on the system at all voltages				The candidate shall show an understanding of System Fault Levels			
Knowledge of system control boundaries				The candidate shall show an understanding of Switchgear ratings			
Knowledge of system control				The candidate shall show an understanding of cable and line ratings			
Knowledge of the requirements for safety documents				The candidate shall show an understanding of protection relay terminology and interrogation			
Knowledge of Energy Networks Risk Assessment				The candidate shall show an understanding of the requirements for recording of switching operations and instructions			
Knowledge of the Electricity Safety Quality & Continuity Regulations 2002				The candidate shall have knowledge of system control boundaries			
				The candidate shall show an understanding of the requirements for completion, issue, receipt, clearance and cancellation of safety documents			
				The candidate shall have knowledge of System Control procedure			
				The candidate shall show knowledge of OPSAF-11-010 (MSP1.8)			
				The candidate shall show knowledge of OPSAF-11-030 (MSP4.5)			
				The candidate shall show knowledge of OPSAF-11-032 (MSP5.2)			
				The candidate shall show knowledge of OPSAF-11-034 (MSP5.4)			
				The candidate shall show knowledge of PSSI1			
				The candidate shall show knowledge of PSSI2			

* Training Mentor To Initial And Date Completion Of Each Stage

Schedule Number							
Authorisation		DE-1					
Voltage(s)		All HV Volts					
Pre-course Experience	Initial/Date	Post-course Training	Initial/Date	Appraisal/Assessment/Examination/Interview	Initial/Date	Appraisal/Assessment/Examination/Interview	Initial/Date
Knowledge of the Scottish Power Safety Rules		Working with authorisation DE-PS under personal supervision of a suitable authorised person		The candidate shall show a knowledge of their responsibilities associated with this authorisation and others as defined in Section C of the Safety Rules		The candidate shall show that he has sufficient knowledge and experience to meet the requirement of the Electricity at Work Reg 16 in the environment in which he is to work	
Knowledge of the requirements for drain earths gained whilst working as a member of a working party				The candidate shall show a knowledge of the Basic Safety Rules and Safety Clearance Distances as defined in Section A of the Safety Rules at the various voltage levels		The candidate shall show a knowledge of what they should always complete before starting work and why	
Knowledge of HASAWA				The candidate shall show knowledge of the General Provisions within the Safety Rules		The candidate shall show an understanding of the requirements for PPE and the PPE pertinent to the tasks to be executed	
Knowledge of the Electricity at Work Regulations				The candidate shall show knowledge of the procedure to be used for objecting to work on the grounds of safety (MSP2.7)		The candidate shall show an understanding of the hazard control measures implemented after the issue of a safety document e.g. position of Drain Earths (Note: this requirement will vary dependant on any limitations which are to be applied to the authorisation)	
Knowledge of the Management of Health and Safety at Work Regulations				The candidate shall show knowledge of the Definitions as defined in Section D of the Safety Rules (MSP6.1)		The candidate shall know what is meant by isolation (D.16), how to create, control, and identify the point of isolation	
Knowledge of Plant and Apparatus used on the System at these voltages				The candidate shall show an understanding of the requirements for the application of drain earths and pennants on overhead lines		The candidate shall understand the use of Danger and Caution Notices	
Knowledge of the requirements for safety documents				The candidate shall show knowledge of PSSIs 2, 4, 7 & 16 as applicable to their role		The candidate shall show an understanding of the various levels of supervision as defined in the Safety Rules	
Knowledge of Energy Networks Risk Assessment				The candidate shall show knowledge of MSPs 1.6, 1.7 & 1.9		The candidate shall know the purpose, difference and who is responsible for the application of the various earthing devices used for working, testing and plant movements on or adjacent to the system	
				The candidate shall show knowledge of Earthing Schemes/Schedules		The candidate shall show knowledge of the requirements for Drain Earths on Main and Spur Lines	
				The candidate shall show knowledge of the sequence of Drain Earth installation and why		The candidate shall show knowledge of the precautions to be implemented when working adjacent to parallel circuits	
				The candidate shall show knowledge of the checks to be undertaken on OHL/Towers prior to the installation of Drain Earths		The candidate shall show knowledge of who is responsible for the control of Drain Earths	
				The candidate shall show knowledge of the checks to be undertaken on Drain Earths and Installation tools prior to installation		The candidate shall show knowledge of the 4 basic safety signs (Prohibition, Warning, Safe Condition & Mandatory)	
				The candidate shall show knowledge of the actions to be undertaken upon failure of a Drain Earth		The candidate shall show knowledge of ground conditions before climbing a pole	
				The candidate shall show knowledge of the difference between fixed and/or mobile Drain Earths			

* Training Mentor To Initial And Date Completion Of Each Stage

Schedule Number							
Authorisation	EN-1						
Voltage(s)	All Volts						
Pre-course Experience	Initial/Date	Post-course Training	Initial/Date	Appraisal/Assessment/Examination/Interview	Initial/Date	Appraisal/Assessment/Examination/Interview	Initial/Date
Knowledge of the Scottish Power Safety Rules		None		The candidate shall show a knowledge of their responsibilities associated with this authorisation and others as defined in Section C of the Safety Rules		The candidate shall show that he has sufficient knowledge and experience to meet the requirement of the Electricity at Work Reg 16 in the environment in which he is to work	
Experience of working in a substation environment with and without uninsulated busbars and hold WI-1 or WI-2				The candidate shall show a knowledge of the Basic Safety Rules and Safety Clearance Distances as defined in Section A of the Safety Rules at the various voltage levels		The candidate shall show a knowledge of what they should always complete before starting work and why	
Knowledge of HASAWA				The candidate shall show knowledge of the Definitions as defined in Section D of the Safety Rules (MSP6.1)		The candidate shall show an understanding of the requirements for PPE and the PPE pertinent to the tasks to be executed	
Knowledge of the Electricity at Work Regulations				The candidate shall show knowledge of the General Provisions within the Safety Rules		The candidate shall know what is meant by isolation (D.16), how to create and control, and identify the point of isolation	
Knowledge of the Management of Health and Safety at Work Regulations				The candidate shall show knowledge of the procedure to be used for objecting to work on the grounds of safety (MSP2.7)		The candidate shall show an understanding of the requirements for supervision of the working party	
Knowledge of Plant and Apparatus used on the System at these voltages				The candidate shall show knowledge of PSSIs 6 & 8		The candidate shall show a knowledge of the types of plant and apparatus used on the system at these voltages and an appreciation of the plant and apparatus used at associated voltages	
Knowledge of the requirements for safety documents				The candidate shall show knowledge of PSSI 10 (Substation SF6)		The candidate shall know the function of the various Earthing devices used for working, testing and plant movements on or adjacent to the system	
Knowledge of Energy Networks Risk Assessment				The candidate shall show knowledge of PSSI 35 (Substation CO2)		The candidate shall show knowledge of the 4 basic safety signs (Prohibition, Warning, Safe Condition & Mandatory) and property notices	
				The candidate shall show knowledge of standard locking arrangements for operational premises and equipment (MSP4.2)		The candidate shall understand the use of Danger and Caution Notices	
						The candidate shall show a knowledge of the extended Safety Distances at the various voltage levels for vehicle and plant movements	
						The candidate shall be able to identify hazards prior to entering and within a substation environment	
						The candidate shall show knowledge of their duties when leaving a substation	

* Training Mentor To Initial And Date Completion Of Each Stage

Schedule Number							
Authorisation	EN-2						
Voltage(s)	All Volts						
Pre-course Experience	Initial/Date	Post-course Training	Initial/Date	Appraisal/Assessment/Examination/Interview	Initial/Date	Appraisal/Assessment/Examination/Interview	Initial/Date
Knowledge of the Scottish Power Safety Rules		None		The candidate shall show a knowledge of their responsibilities associated with this authorisation and others as defined in Section C of the Safety Rules		The candidate shall show that he has sufficient knowledge and experience to meet the requirement of the Electricity at Work Reg 16 in the environment in which he is to work	
Experience of working in a substation environment without uninsulated busbars and hold WI-1 or WI-2				The candidate shall show a knowledge of the Basic Safety Rules and Safety Clearance Distances as defined in Section A of the Safety Rules at the various voltage levels		The candidate shall show a knowledge of what they should always complete before starting work and why	
Knowledge of HASAWA				The candidate shall show knowledge of the Definitions as defined in Section D of the Safety Rules (MSP6.1)		The candidate shall show an understanding of the requirements for PPE and the PPE pertinent to the tasks to be executed	
Knowledge of the Electricity at Work Regulations				The candidate shall show knowledge of the General Provisions within the Safety Rules		The candidate shall know what is meant by isolation (D.16), how to create and control, and identify the point of isolation	
Knowledge of the Management of Health and Safety at Work Regulations				The candidate shall show knowledge of the procedure to be used for objecting to work on the grounds of safety (MSP2.7)		The candidate shall show an understanding of the requirements for supervision of the working party	
Knowledge of Plant and Apparatus used on the System at these voltages				The candidate shall show knowledge of PSSIs 6 & 8		The candidate shall show a knowledge of the types of plant and apparatus used on the system at these voltages and an appreciation of the plant and apparatus used at associated voltages	
Knowledge of the requirements for safety documents				The candidate shall show knowledge of PSSI 10 (Substation SF6)		The candidate shall know the function of the various Earthing devices used for working, testing and plant movements on or adjacent to the system	
Knowledge of Energy Networks Risk Assessment				The candidate shall show knowledge of PSSI 35 (Substation CO2)		The candidate shall show knowledge of the 4 basic safety signs (Prohibition, Warning, Safe Condition & Mandatory) and property notices	
				The candidate shall show knowledge of standard locking arrangements for operational premises and equipment (MSP4.2)		The candidate shall understand the use of Danger and Caution Notices	
						The candidate shall show a knowledge of the extended Safety Distances at the various voltage levels for vehicle and plant movements	
						The candidate shall be able to identify hazards prior to entering and within a substation environment	
						The candidate shall show knowledge of their duties when leaving a substation	

* Training Mentor To Initial And Date Completion Of Each Stage

Schedule Number							
Authorisation		OP-1					
Voltage(s)		LV					
Pre-course Experience	Initial/Date	Post-course Training	Initial/Date	Appraisal/Assessment/Examination/Interview	Initial/Date	Appraisal/Assessment/Examination/Interview	Initial/Date
Appreciation of the Scottish Power Safety Rules		Authorised to carryout LV switching under supervision. Execute sufficient operations to satisfy mentor of competence		The candidate shall show a knowledge of the responsibilities associated with this authorisation and others as defined in Section C of the Safety Rules		The candidate shall show that he has sufficient knowledge and experience to meet the requirement of the Electricity at Work Reg 16 in the environment in which he is to work	
Appreciation of HASAWA				The candidate shall show a knowledge of the Basic Safety Rules and Safety Clearance Distances as defined in Section A of the Safety Rules at the various voltage levels		The candidate shall show a knowledge of what they should always complete before starting work and why	
Appreciation of the Electricity at Work Regulations				The candidate shall show knowledge of the Definitions as defined in Section D of the Safety Rules (MSP6.1)		The candidate shall show an understanding of the requirements for PPE and the PPE pertinent to the tasks to be executed	
Appreciation of the Management of Health and Safety at Work Regulations				The candidate shall show knowledge of the General Provisions within the Safety Rules		The candidate shall know what is meant by isolation (D.16), how to create and control, and identify the point of isolation	
Appreciation of the types of LV switchgear on the system and the general hazards associated with LV switching				The candidate shall understand the procedures to be carried out during switching with particular reference to phasing checks, etc.			
Appreciation of system Fault Levels				The candidate shall understand the fuse ratings applicable to the operation of the different types of plant and apparatus on the system.			
Appreciation of switchgear ratings				The candidate shall show an understanding of System Fault Levels			
Appreciation of the requirements for safety documents				The candidate shall show an understanding of Switchgear ratings			
Appreciation of Energy Networks Risk Assessment				The candidate shall show an understanding of cable and line ratings			
				The candidate shall show an understanding of protection relay terminology and interrogation			
				The candidate shall show an understanding of the requirements for recording of switching operations and instructions			
				The candidate shall have knowledge of system control boundaries			
				The candidate shall have knowledge of System Control procedure			
				The candidate shall show knowledge of PSSI 12			
				The candidate shall show knowledge of PSLWM 2.1			

* Training Mentor To Initial And Date Completion Of Each Stage

Schedule Number							
Authorisation		OP-1					
Voltage(s)		11kV					
Pre-course Experience	Initial/Date	Post-course Training	Initial/Date	Appraisal/Assessment/Examination/Interview	Initial/Date	Appraisal/Assessment/Examination/Interview	Initial/Date
Appreciation of the Scottish Power Safety Rules		Authorised to carryout 11kV switching under supervision. Execute sufficient operations to satisfy mentor of competence		The candidate shall show a knowledge of the responsibilities associated with this authorisation and others as defined in Section C of the Safety Rules		The candidate shall show that he has sufficient knowledge and experience to meet the requirement of the Electricity at Work Reg 16 in the environment in which he is to work	
Appreciation of HASAWA				The candidate shall show a knowledge of the Basic Safety Rules and Safety Clearance Distances as defined in Section A of the Safety Rules at the various voltage levels		The candidate shall show a knowledge of what they should always complete before starting work and why	
Appreciation of the Electricity at Work Regulations				The candidate shall show knowledge of the Definitions as defined in Section D of the Safety Rules (MSP6.1)		The candidate shall show an understanding of the requirements for PPE and the PPE pertinent to the tasks to be executed	
Appreciation of the Management of Health and Safety at Work Regulations				The candidate shall show knowledge of the General Provisions within the Safety Rules		The candidate shall know what is meant by isolation (D.16), how to create and control, and identify the point of isolation	
Appreciation of the types of 11kV switchgear on the system and the general hazards associated with 11kV switching				The candidate shall understand the procedures to be carried out during switching with particular reference to phasing checks, etc.			
Appreciation of system Fault Levels				The candidate shall understand the fuse ratings applicable to the operation of the different types of plant and apparatus on the system.			
Appreciation of switchgear ratings				The candidate shall show an understanding of System Fault Levels			
Appreciation of the requirements for safety documents				The candidate shall show an understanding of Switchgear ratings			
Appreciation of Energy Networks Risk Assessment				The candidate shall show an understanding of cable and line ratings			
				The candidate shall show an understanding of protection relay terminology and interrogation			
				The candidate shall show an understanding of the requirements for recording of switching operations and instructions			
				The candidate shall have knowledge of system control boundaries			
				The candidate shall have knowledge of System Control procedure			

* Training Mentor To Initial And Date Completion Of Each Stage

Schedule Number							
Authorisation	OP-1						
Voltage(s)	33kV						
Pre-course Experience	Initial/Date	Post-course Training	Initial/Date	Appraisal/Assessment/Examination/Interview	Initial/Date	Appraisal/Assessment/Examination/Interview	Initial/Date
Appreciation of the Scottish Power Safety Rules		Authorised to carryout 33kV switching under supervision. Execute sufficient operations to satisfy mentor of competence		The candidate shall show a knowledge of the responsibilities associated with this authorisation and others as defined in Section C of the Safety Rules		The candidate shall show that he has sufficient knowledge and experience to meet the requirement of the Electricity at Work Reg 16 in the environment in which he is to work	
Appreciation of HASAWA				The candidate shall show a knowledge of the Basic Safety Rules and Safety Clearance Distances as defined in Section A of the Safety Rules at the various voltage levels		The candidate shall show a knowledge of what they should always complete before starting work and why	
Appreciation of the Electricity at Work Regulations				The candidate shall show knowledge of the Definitions as defined in Section D of the Safety Rules (MSP6.1)		The candidate shall show an understanding of the requirements for PPE and the PPE pertinent to the tasks to be executed	
Appreciation of the Management of Health and Safety at Work Regulations				The candidate shall show knowledge of the General Provisions within the Safety Rules		The candidate shall know what is meant by isolation (D.16), how to create and control, and identify the point of isolation	
Appreciation of the types of 33kV switchgear on the system and the general hazards associated with 33kV switching				The candidate shall understand the procedures to be carried out during switching with particular reference to phasing checks, etc.			
Appreciation of system Fault Levels				The candidate shall understand the fuse ratings applicable to the operation of the different types of plant and apparatus on the system.			
Appreciation of switchgear ratings				The candidate shall show an understanding of System Fault Levels			
Appreciation of the requirements for safety documents				The candidate shall show an understanding of Switchgear ratings			
Appreciation of Energy Networks Risk Assessment				The candidate shall show an understanding of cable and line ratings			
				The candidate shall show an understanding of protection relay terminology and interrogation			
				The candidate shall show an understanding of the requirements for recording of switching operations and instructions			
				The candidate shall have knowledge of system control boundaries			
				The candidate shall have knowledge of System Control procedure			

* Training Mentor To Initial And Date Completion Of Each Stage

Pre-course Experience	Initial/Date	Post-course Training	Initial/Date	Appraisal/Assessment/Examination/Interview	Initial/Date	Appraisal/Assessment/Examination/Interview	Initial/Date
Appreciation of the Scottish Power Safety Rules		Authorised to carryout 132kV switching under supervision. Execute sufficient operations to satisfy mentor of competence		The candidate shall show a knowledge of the responsibilities associated with this authorisation and others as defined in Section C of the Safety Rules		The candidate shall show that he has sufficient knowledge and experience to meet the requirement of the Electricity at Work Reg 16 in the environment in which he is to work	
Appreciation of HASAWA				The candidate shall show a knowledge of the Basic Safety Rules and Safety Clearance Distances as defined in Section A of the Safety Rules at the various voltage levels		The candidate shall show a knowledge of what they should always complete before starting work and why	
Appreciation of the Electricity at Work Regulations				The candidate shall show knowledge of the Definitions as defined in Section D of the Safety Rules (MSP6.1)		The candidate shall show an understanding of the requirements for PPE and the PPE pertinent to the tasks to be executed	
Appreciation of the Management of Health and Safety at Work Regulations				The candidate shall show knowledge of the General Provisions within the Safety Rules		The candidate shall know what is meant by isolation (D.16), how to create and control, and identify the point of isolation	
Appreciation of the types of 132kV switchgear on the system and the general hazards associated with 132kV switching				The candidate shall understand the procedures to be carried out during switching with particular reference to phasing checks, etc.			
Appreciation of system Fault Levels				The candidate shall understand the fuse ratings applicable to the operation of the different types of plant and apparatus on the system.			
Appreciation of switchgear ratings				The candidate shall show an understanding of System Fault Levels			
Appreciation of the requirements for safety documents				The candidate shall show an understanding of Switchgear ratings			
Appreciation of Energy Networks Risk Assessment				The candidate shall show an understanding of cable and line ratings			
				The candidate shall show an understanding of protection relay terminology and interrogation			
				The candidate shall show an understanding of the requirements for recording of switching operations and instructions			
				The candidate shall have knowledge of system control boundaries			
				The candidate shall have knowledge of System Control procedure			

* Training Mentor To Initial And Date Completion Of Each Stage

Schedule Number							
Authorisation		OP-1					
Voltage(s)		275-400kV					
Pre-course Experience	Initial/Date	Post-course Training	Initial/Date	Appraisal/Assessment/Examination/Interview	Initial/Date	Appraisal/Assessment/Examination/Interview	Initial/Date
Appreciation of the Scottish Power Safety Rules		Authorised to carryout 275/400kV switching under supervision. Execute sufficient operations to satisfy mentor of competence		The candidate shall show a knowledge of the responsibilities associated with this authorisation and others as defined in Section C of the Safety Rules		The candidate shall show that he has sufficient knowledge and experience to meet the requirement of the Electricity at Work Reg 16 in the environment in which he is to work	
Appreciation of HASAWA				The candidate shall show a knowledge of the Basic Safety Rules and Safety Clearance Distances as defined in Section A of the Safety Rules at the various voltage levels		The candidate shall show a knowledge of what they should always complete before starting work and why	
Appreciation of the Electricity at Work Regulations				The candidate shall show knowledge of the Definitions as defined in Section D of the Safety Rules (MSP6.1)		The candidate shall show an understanding of the requirements for PPE and the PPE pertinent to the tasks to be executed	
Appreciation of the Management of Health and Safety at Work Regulations				The candidate shall show knowledge of the General Provisions within the Safety Rules		The candidate shall know what is meant by isolation (D.16), how to create and control, and identify the point of isolation	
Appreciation of the types of 275/400kV switchgear on the system and the general hazards associated with 275/400kV switching				The candidate shall understand the procedures to be carried out during switching with particular reference to phasing checks, etc.			
Appreciation of system Fault Levels				The candidate shall understand the fuse ratings applicable to the operation of the different types of plant and apparatus on the system.			
Appreciation of switchgear ratings				The candidate shall show an understanding of System Fault Levels			
Appreciation of the requirements for safety documents				The candidate shall show an understanding of Switchgear ratings			
Appreciation of Energy Networks Risk Assessment				The candidate shall show an understanding of cable and line ratings			
				The candidate shall show an understanding of protection relay terminology and interrogation			
				The candidate shall show an understanding of the requirements for recording of switching operations and instructions			
				The candidate shall have knowledge of system control boundaries			
				The candidate shall have knowledge of System Control procedure			

* Training Mentor To Initial And Date Completion Of Each Stage

Schedule Number							
Authorisation		OP-2					
Voltage(s)		LV					
Pre-course Experience	Initial/Date	Post-course Training	Initial/Date	Appraisal/Assessment/Examination/Interview	Initial/Date	Appraisal/Assessment/Examination/Interview	Initial/Date
Appreciation of the Scottish Power Safety Rules		Authorised to carryout switching under supervision pertinent to the authorisation, including limitations and exclusions, for which training is being provided. Execute sufficient operations to satisfy mentor of competence		The candidate shall show a knowledge of the responsibilities associated with this authorisation and others as defined in Section C of the Safety Rules		The candidate shall show that he has sufficient knowledge and experience to meet the requirement of the Electricity at Work Reg 16 in the environment in which he is to work	
Appreciation of HASAWA				The candidate shall show a knowledge of the Basic Safety Rules and Safety Clearance Distances as defined in Section A of the Safety Rules at the various voltage levels		The candidate shall show a knowledge of what they should always complete before starting work and why	
Appreciation of the Electricity at Work Regulations				The candidate shall show knowledge of the Definitions as defined in Section D of the Safety Rules (MSP6.1)		The candidate shall show an understanding of the requirements for PPE and the PPE pertinent to the tasks to be executed	
Appreciation of the Management of Health and Safety at Work Regulations				The candidate shall show knowledge of the General Provisions within the Safety Rules		The candidate shall know what is meant by isolation (D.16), how to create and control, and identify the point of isolation	
Appreciation of the types of LV switchgear on the system and the general hazards associated with LV switching				The candidate shall understand the procedures to be carried out during switching with particular reference to phasing checks, etc.			
Appreciation of system Fault Levels				The candidate shall understand the fuse ratings applicable to the operation of the different types of plant and apparatus on the system.			
Appreciation of switchgear ratings				The candidate shall show an understanding of System Fault Levels			
Appreciation of the requirements for safety documents				The candidate shall show an understanding of Switchgear ratings			
Appreciation of Energy Networks Risk Assessment				The candidate shall show an understanding of cable and line ratings			
				The candidate shall show an understanding of protection relay terminology and interrogation			
				The candidate shall show an understanding of the requirements for recording of switching operations			
				The candidate shall have knowledge of system control boundaries			
				The candidate shall have knowledge of System Control procedure			
				The candidate shall show knowledge of PSSI 12			
				The candidate shall show knowledge of PSLWM 2.1			

* Training Mentor To Initial And Date Completion Of Each Stage

Schedule Number							
Authorisation	OP-2						
Voltage(s)	11-400kV						
Pre-course Experience	Initial/Date	Post-course Training	Initial/Date	Appraisal/Assessment/Examination/Interview	Initial/Date	Appraisal/Assessment/Examination/Interview	Initial/Date
Appreciation of the Scottish Power Safety Rules		Authorised to carryout switching under supervision pertinent to the authorisation, including limitations and exclusions, for which training is being provided. Execute sufficient operations to satisfy mentor of competence		The candidate shall show a knowledge of the responsibilities associated with this authorisation and others as defined in Section C of the Safety Rules		The candidate shall show that he has sufficient knowledge and experience to meet the requirement of the Electricity at Work Reg 16 in the environment in which he is to work	
Appreciation of HASAWA				The candidate shall show a knowledge of the Basic Safety Rules and Safety Clearance Distances as defined in Section A of the Safety Rules at the various voltage levels		The candidate shall show a knowledge of what they should always complete before starting work and why	
Appreciation of the Electricity at Work Regulations				The candidate shall show knowledge of the Definitions as defined in Section D of the Safety Rules (MSP6.1)		The candidate shall show an understanding of the requirements for PPE and the PPE pertinent to the tasks to be executed	
Appreciation of the Management of Health and Safety at Work Regulations				The candidate shall show knowledge of the General Provisions within the Safety Rules		The candidate shall know what is meant by isolation (D.16), how to create and control, and identify the point of isolation	
Appreciation of the types of switchgear on the system at the appropriate voltage and the general hazards associated with switching of these types of equipment				The candidate shall understand the procedures to be carried out during switching with particular reference to phasing checks, etc.			
Appreciation of system Fault Levels				The candidate shall understand the fuse ratings applicable to the operation of the different types of plant and apparatus on the system.			
Appreciation of switchgear ratings				The candidate shall show an understanding of System Fault Levels			
Appreciation of the requirements for safety documents				The candidate shall show an understanding of Switchgear ratings			
Appreciation of Energy Networks Risk Assessment				The candidate shall show an understanding of cable and line ratings			
				The candidate shall show an understanding of protection relay terminology and interrogation			
				The candidate shall show an understanding of the requirements for recording of switching operations			
				The candidate shall have knowledge of system control boundaries			
				The candidate shall have knowledge of System Control procedure			

* Training Mentor To Initial And Date Completion Of Each Stage

Schedule Number							
Authorisation	OP-3						
Voltage(s)	LV						
Pre-course Experience	Initial/Date	Post-course Training	Initial/Date	Appraisal/Assessment/Examination/Interview	Initial/Date	Appraisal/Assessment/Examination/Interview	Initial/Date
Appreciation of the types of cut-outs likely to be found on the system		Authorised to carry out cut-out fuse insertion and removal under supervision. Execute sufficient operations to satisfy mentor of competence		The candidate shall show a knowledge of their responsibilities associated with this authorisation and others as defined in Section C of the Safety Rules		The candidate shall show that he has sufficient knowledge and experience to meet the requirement of the Electricity at Work Reg 16 in the environment in which he is to work	
				The candidate shall show a knowledge of the Basic Safety Rules and Safety Clearance Distances as defined in Section A of the Safety Rules at the various voltage levels		The candidate shall show a knowledge of what they should always complete before starting work and why	
				The candidate shall show knowledge of the Definitions as defined in Section D of the Safety Rules (MSP6.1)		The candidate shall be able to correctly explain the procedures to be carried out during switching with particular reference to phasing and polarity checks, etc.	
				The candidate shall show knowledge of the General Provisions within the Safety Rules		The candidate shall show knowledge of the approved test equipment to be used when working on single and 3-Phase cut-outs	
				The candidate shall show knowledge of the procedure to be used for objecting to work on the grounds of safety (MSP2.7)		The candidate shall show knowledge of the dangers associated with LV Cut-outs and what to look for - plastic and metal clad	
				The candidate shall show knowledge of the requirements for safety documents		The candidate shall show knowledge of the requirements for PPE and be able to discuss its operational parameters	
				The candidate shall show knowledge of PSSI 12 (LV Apparatus)		The candidate shall show a knowledge of the types of plant and apparatus used on the system at this voltage	
				The candidate shall show knowledge of PSSI 17 (Work/Testing of a Customer's Installation and at the Energy Networks / Customer Boundary)		The candidate shall know what is meant by isolation (D.16), how to create and control, and identify the point of isolation	
						The candidate shall show an understanding of the requirements for supervision	
						The candidate shall show knowledge of the ratings for test equipment and tools used when working at cut-outs	
						The candidate shall show knowledge of the 4 basic safety signs (Prohibition, Warning, Safe Condition & Mandatory)	
						The candidate shall understand the use of Danger and Caution Notices	
						The candidate shall show knowledge of the requirements for and recognise different earthing arrangements	
						The candidate show knowledge of Earth Loop Impedance and associated values for various earthing arrangements on the system	
						The candidate shall show knowledge of the types of cables that can be found at cut-outs	
						The candidate shall show knowledge of the tests to be carried out on new service cables prior to termination	
						The candidate shall show knowledge of Old and New phase colours for 3-Phase cables	

* Training Mentor To Initial And Date Completion Of Each Stage

Schedule Number							
Authorisation		PRT-CM					
Voltage(s)		All HV Volts					
Pre-course Experience	Initial/Date	Post-course Training	Initial/Date	Appraisal/Assessment/Examination/Interview	Initial/Date	Appraisal/Assessment/Examination/Interview	Initial/Date
Knowledge of the Scottish Power Safety Rules		Following a gap analysis, training issues shall be identified and training established to ensure gaps in knowledge are addressed		The candidate shall show a knowledge of their responsibilities associated with this authorisation and others as defined in Section C of the Safety Rules		The candidate shall show that he has sufficient knowledge and experience to meet the requirement of the Electricity at Work Reg 16 in the environment in which he is to work	
Knowledge of HASAWA				The candidate shall show a knowledge of the Basic Safety Rules and Safety Clearance Distances as defined in Section A of the Safety Rules at the various voltage levels		The candidate shall show a knowledge of what they should always complete before starting work and why	
Knowledge of the Electricity at Work Regulations				The candidate shall show a knowledge of the content of the safety documents as defined in Section B of the safety rules (MSP 4.6), how to complete, transfer and cancel it		The candidate shall show an understanding of the requirements for PPE and the PPE pertinent to the tasks to be executed	
Knowledge of the Management of Health and Safety at Work Regulations				The candidate shall show knowledge of the Definitions as defined in Section D of the Safety Rules (MSP6.1)		The candidate shall know what is meant by isolation (D.16), how to create and control, and identify the point of isolation	
Knowledge of Plant and Apparatus used on the System at these voltages				The candidate shall show knowledge of the General Provisions within the Safety Rules		The candidate shall show an understanding of protection relay terminology and interrogation	
Knowledge of the requirements for safety documents				The candidate shall show knowledge of the procedure to be used for objecting to work on the grounds of safety (MSP2.7)		The candidate shall show an understanding of System Fault Levels	
Knowledge of Energy Networks Risk Assessment				The candidate shall show an understanding of the requirements for recording of switching operations and instructions (MSP1.8)		The candidate shall show an understanding of Switchgear ratings	
Knowledge of the Electricity Safety Quality & Continuity Regulations 2002						The candidate shall show an understanding of cable and line ratings	
Comprehensive knowledge and understanding of protection systems, installation and commissioning at the specific voltage level							

* Training Mentor To Initial And Date Completion Of Each Stage

Schedule Number	Authorisation	Voltage(s)	Initial/Date	Post-course Training	Initial/Date	Appraisal/Assessment/Examination/Interview	Initial/Date	Appraisal/Assessment/Examination/Interview	Initial/Date
	SB-1	All Volts		None		The candidate shall show a knowledge of their responsibilities associated with this authorisation and others as defined in Section C of the Safety Rules		The candidate shall show that he has sufficient knowledge and experience to meet the requirement of the Electricity at Work Reg 16 in the environment in which he is to work	
						The candidate shall show a knowledge of the Basic Safety Rules and Safety Clearance Distances as defined in Section A of the Safety Rules at the various voltage levels		The candidate shall show an understanding of the risk assessment system to be used	
						The candidate shall show a knowledge of the content of the safety documents as defined in Section B of the safety rules (MSP 4.6), how to complete, transfer and cancel it		The candidate shall show an understanding of the hazard control measures implemented before the issue of a safety document e.g. position of Primary Earths (Note: this requirement will vary dependant on any limitations which are to be applied to the authorisation)	
						The candidate shall show knowledge of the Definitions as defined in Section D of the Safety Rules (MSP6.1)		The candidate shall show an understanding of the hazard control measures implemented after the issue of a safety document e.g. position of Drain Earths (Note: this requirement will vary dependant on any limitations which are to be applied to the authorisation)	
						The candidate shall show knowledge of the General Provisions within the Safety Rules		The candidate shall show an understanding of the requirements for PPE and the PPE pertinent to the tasks to be executed	
						The candidate shall show knowledge of the procedure to be used for objecting to work on the grounds of safety (MSP2.7)		The candidate shall know what the purpose and difference is between a PFW and LWC	
						The candidate shall show knowledge of PSSIs 6 & 8		The candidate shall know what the purpose is of a Selected Persons Report	
						The candidate shall show knowledge of PSSIs 4 & 16 (Overhead Linesmen)		The candidate shall show a knowledge of the types of plant and apparatus used on the system at these voltages and an appreciation of the plant and apparatus used at associated voltages	
						The candidate shall show knowledge of PSSI 10 (Substation SF6)		The candidate shall know what is meant by isolation (D.16), how to create and control, and identify the point of isolation	
						The candidate shall show knowledge of PSSI 12 (LV Cables)		The candidate shall show an understanding of the various levels of supervision to be applied when in receipt of a safety document as defined in the Safety Rules	
						The candidate shall show knowledge of PSSI 35 (Substation CO2)		The candidate shall know the function of the various Earthing devices used for working, testing and plant movements on or adjacent to the system	
						The candidate shall show knowledge of the Standby Procedure as defined in MSP5.5 (OPSAF-11-035)		The candidate shall show knowledge of the 4 basic safety signs (Prohibition, Warning, Safe Condition & Mandatory)	
								The candidate shall understand the use of Danger and Caution Notices	
								The candidate shall show a knowledge of the extended Safety Distances at the various voltage levels for vehicle and plant movements	
								The candidate shall show knowledge of safe digging practices (HSG47) if applicable for their role	
								The candidate shall show knowledge of avoiding dangers from Overhead Conductors (GS6) if applicable for their role	
								The candidate shall show knowledge of the Lifting Equipment Regulations (LOLER)	
								The candidate shall show knowledge of the Work Equipment Regulations (PUWER)	
								The candidate shall show knowledge of the controls to be implemented for the use of Electrical and Test Equipment	
								The candidate shall show knowledge of the requirements to control and manage chemical usage (COSHH and MSDS)	
								The candidate shall show knowledge of the requirements to control and manage chemical usage (COSHH and MSDS)	

* Training Mentor To Initial And Date Completion Of Each Stage

Schedule Number								
Authorisation	SB-2							
Voltage(s)	All Volts							
Pre-course Experience	Initial/Date	Post-course Training	Initial/Date	Appraisal/Assessment/Examination/Interview	Initial/Date	Appraisal/Assessment/Examination/Interview	Initial/Date	Initial/Date
Knowledge of the Scottish Power Safety Rules		None		The candidate shall show a knowledge of their responsibilities associated with this authorisation and others as defined in Section C of the Safety Rules		The candidate shall show that he has sufficient knowledge and experience to meet the requirement of the Electricity at Work Reg 16 in the environment in which he is to work		
WI and/or WL authorisation for working in the areas where standby is to be carried out.				The candidate shall show a knowledge of the Basic Safety Rules and Safety Clearance Distances as defined in Section A of the Safety Rules at the various voltage levels		The candidate shall show an understanding of the risk assessment system to be used		
				The candidate shall show a knowledge of the content of the safety documents as defined in Section B of the safety rules (MSP 4.6), how to complete, transfer and cancel it		The candidate shall show an understanding of the hazard control measures implemented before the issue of a safety document e.g. position of Primary Earths (Note: this requirement will vary dependant on any limitations which are to be applied to the authorisation)		
				The candidate shall show knowledge of the Definitions as defined in Section D of the Safety Rules (MSP6.1)		The candidate shall show an understanding of the hazard control measures implemented after the issue of a safety document e.g. position of Drain Earths (Note: this requirement will vary dependant on any limitations which are to be applied to the authorisation)		
				The candidate shall show knowledge of the General Provisions within the Safety Rules		The candidate shall show an understanding of the requirements for PPE and the PPE pertinent to the tasks to be executed		
				The candidate shall show knowledge of the procedure to be used for objecting to work on the grounds of safety (MSP2.7)		The candidate shall know what the purpose and difference is between a PFW and LWC		
				The candidate shall show knowledge of PSSIs 6 & 8		The candidate shall know what the purpose is of a Selected Persons Report		
				The candidate shall show knowledge of PSSIs 4 & 16 (Overhead Linesmen)		The candidate shall show a knowledge of the types of plant and apparatus used on the system at these voltages and an appreciation of the plant and apparatus used at associated voltages		
				The candidate shall show knowledge of PSSi 10 (Substation SF6)		The candidate shall know what is meant by isolation (D.16), how to create and control, and identify the point of isolation		
				The candidate shall show knowledge of PSSi 12 (LV Cables)		The candidate shall show an understanding of the various levels of supervision to be applied when in receipt of a safety document as defined in the Safety Rules		
				The candidate shall show knowledge of PSSi 35 (Substation CO2)		The candidate shall know the function of the various Earthing devices used for working, testing and plant movements on or adjacent to the system		
				The candidate shall show knowledge of the Standby Procedure as defined in MSP5.5 (OPSAF-11-035)		The candidate shall show knowledge of the 4 basic safety signs (Prohibition, Warning, Safe Condition & Mandatory)		
						The candidate shall understand the use of Danger and Caution Notices		
						The candidate shall show a knowledge of the extended Safety Distances at the various voltage levels for vehicle and plant movements		
						The candidate shall show knowledge of safe digging practices (HSG47) if applicable for their role		
						The candidate shall show knowledge of avoiding dangers from Overhead Conductors (GS6) if applicable for their role		
						The candidate shall show knowledge of the Lifting Equipment Regulations (LOLER)		
						The candidate shall show knowledge of the Work Equipment Regulations (PUWER)		
						The candidate shall show knowledge of the controls to be implemented for the use of Electrical and Test Equipment		
						The candidate shall show knowledge of the requirements to control and manage chemical usage (COSHH and MSDS)		
						The candidate shall show knowledge of the requirements to control and manage chemical usage (COSHH and MSDS)		

* Training Mentor To Initial And Date Completion Of Each Stage

Schedule Number							
Authorisation		S-1					
Voltage(s)		All HV Volts					
Pre-course Experience	Initial/Date	Post-course Training	Initial/Date	Appraisal/Assessment/Examination/Interview	Initial/Date	Appraisal/Assessment/Examination/Interview	Initial/Date
Knowledge of the Scottish Power Safety Rules		Working with S-1 authorised member of staff. Assisting in all the duties of S-1. (Note the candidate should carry out the following duties but the responsibility for the correct implementation of the Safety Rules remains with the S-1 Authorised Person)		The candidate shall show a knowledge of their responsibilities associated with this authorisation and others as defined in Section C of the Safety Rules		The candidate shall show that he has sufficient knowledge and experience to meet the requirement of the Electricity at Work Reg 16 in the environment in which he is to work	
Knowledge of HASAWA		Preparation of switching schedules to include points of isolation and Primary Earthing		The candidate shall show a knowledge of the Basic Safety Rules and Safety Clearance Distances as defined in Section A of the Safety Rules at the various voltage levels		The candidate shall show a knowledge of what they should always complete before starting work and why	
Knowledge of the Electricity at Work Regulations		Preparation of appropriate safety documents		The candidate shall show an understanding of the content of safety documents as defined in Section B of the safety rules (MSP 4.6) and requirements for completion, issue, transfer, clearance and cancellation		The candidate shall show an understanding of the requirements for PPE and the PPE pertinent to the tasks to be executed	
Knowledge of the Management of Health and Safety at Work Regulations		Issue of appropriate safety documents (The candidate must ensure that the recipient understands the content of the document but, since the responsibility for the safety precautions and the issue of the document remain with the supervising S-1 authorised person then, the supervising S-1 Authorised Person must also be satisfied that the recipient understand the contents of the document etc. If there is any doubt about anything in this part of the job then training shall be suspended and the supervising S-1 Authorised Person will continue the job himself)		The candidate shall show knowledge of the Definitions as defined in Section D of the Safety Rules (MSP6.1)		The candidate shall show an understanding of the requirements for achieving safety from the system prior to the issue of a safety document e.g. position of Primary Earths and Drain Earths	
Knowledge of Plant and Apparatus used on the System at these voltages		Cancellation of appropriate safety documents		The candidate shall show knowledge of the General Provisions within the Safety Rules		The candidate shall know what the purpose and difference is between a PFW and LWC	
Knowledge of the requirements for safety documents		Receipt and clearance of appropriate safety documents		The candidate shall show knowledge of the procedure to be used for objecting to work on the grounds of safety (MSP2.7)		The candidate shall know what the purpose is of a Selected Persons Report	
Knowledge of Energy Networks Risk Assessment		Fulfilling the responsibilities of a substation control person		The candidate shall show knowledge of PSSIs 6 & 8		The candidate shall show a knowledge of the types of plant and apparatus used on the system at these voltages and an appreciation of the plant and apparatus used at associated voltages	
Appreciation of system control boundaries				The candidate shall show knowledge of PSSIs 4 & 16 (Overhead Linesmen)		The candidate shall know what is meant by isolation (D.16), how to create and control, and identify the point of isolation	
Appreciation of System Control				The candidate shall show knowledge of PSSI 10 (Substation SF6)		The candidate shall show an understanding of the requirements for supervision of the working party when in receipt of a safety document	
				The candidate shall show knowledge of PSSI 12 (LV Cables)		The candidate shall know the function of the various Earthing devices used for working, testing and plant movements on or adjacent to the system	
				The candidate shall show knowledge of PSSI 35 (Substation CO2)		The candidate shall show knowledge of the 4 basic safety signs (Prohibition, Warning, Safe Condition & Mandatory)	
						The candidate shall understand the use of Danger and Caution Notices	
						The candidate shall show a knowledge of the extended Safety Distances at the various voltage levels for vehicle and plant movements	
						The candidate shall show knowledge of safe digging practices (HSG47) if applicable for their role	

* Training Mentor To Initial And Date Completion Of Each Stage

Schedule Number							
Authorisation	SI-2						
Voltage(s)	All HV Volts						
Pre-course Experience	Initial/Date	Post-course Training	Initial/Date	Appraisal/Assessment/Examination/Interview	Initial/Date	Appraisal/Assessment/Examination/Interview	Initial/Date
Knowledge of the Scottish Power Safety Rules		Working with SI-2 authorised member of staff. Assisting in all the duties of SI-2. (Note the candidate should carry out the following duties but the responsibility for the correct implementation of the Safety Rules remains with the SI-2 Authorised Person)		The candidate shall show a knowledge of their responsibilities associated with this authorisation and others as defined in Section C of the Safety Rules		The candidate shall show that he has sufficient knowledge and experience to meet the requirement of the Electricity at Work Reg 16 in the environment in which he is to work	
Knowledge of HASAWA		Preparation of switching schedules to include points of isolation and Primary Earthing		The candidate shall show a knowledge of the Basic Safety Rules and Safety Clearance Distances as defined in Section A of the Safety Rules at the various voltage levels		The candidate shall show a knowledge of what they should always complete before starting work and why	
Knowledge of the Electricity at Work Regulations		Preparation of appropriate safety documents		The candidate shall show an understanding of the content of safety documents as defined in Section B of the safety rules (MSP 4.6) and requirements for completion, issue, transfer, clearance and cancellation		The candidate shall show an understanding of the requirements for PPE and the PPE pertinent to the tasks to be executed	
Knowledge of the Management of Health and Safety at Work Regulations		Issue of appropriate safety documents (The candidate must ensure that the recipient understands the content of the document but, since the responsibility for the safety precautions and the issue of the document remain with the supervising SI-2 authorised person then, the supervising SI-2 Authorised Person must also be satisfied that the recipient understand the contents of the document etc. If there is any doubt about anything in this part of the job then training shall be suspended and the supervising SI-2 Authorised Person will continue the job himself)		The candidate shall show knowledge of the Definitions as defined in Section D of the Safety Rules (MSP6.1)		The candidate shall show an understanding of the requirements for achieving safety from the system prior to the issue of a safety document e.g. position of Primary Earths and Drain Earths	
Knowledge of Plant and Apparatus used on the System at these voltages		Cancellation of appropriate safety documents		The candidate shall show knowledge of the General Provisions within the Safety Rules		The candidate shall know what the purpose and difference is between a PFW and LWC	
Knowledge of the requirements for safety documents		Receipt and clearance of appropriate safety documents		The candidate shall show knowledge of the procedure to be used for objecting to work on the grounds of safety (MSP2.7)		The candidate shall know what the purpose is of a Selected Persons Report	
Knowledge of Energy Networks Risk Assessment		Fulfilling the responsibilities of a substation control person		The candidate shall show knowledge of PSSIs 6 & 8		The candidate shall show a knowledge of the types of plant and apparatus used on the system at these voltages and an appreciation of the plant and apparatus used at associated voltages	
Appreciation of system control boundaries				The candidate shall show knowledge of PSSIs 4 & 16 (Overhead Linesmen)		The candidate shall know what is meant by isolation (D.16), how to create and control, and identify the point of isolation	
Appreciation of System Control				The candidate shall show knowledge of PSSI 10 (Substation SF6)		The candidate shall show an understanding of the requirements for supervision of the working party when in receipt of a safety document	
				The candidate shall show knowledge of PSSI 12 (LV Cables)		The candidate shall know the function of the various Earthing devices used for working, testing and plant movements on or adjacent to the system	
				The candidate shall show knowledge of PSSI 35 (Substation CO2)		The candidate shall show knowledge of the 4 basic safety signs (Prohibition, Warning, Safe Condition & Mandatory)	
						The candidate shall understand the use of Danger and Caution Notices	
						The candidate shall show a knowledge of the extended Safety Distances at the various voltage levels for vehicle and plant movements	
						The candidate shall show knowledge of safe digging practices (HSG47) if applicable for their role	
						The candidate shall show knowledge of safe digging practices (HSG47) if applicable for their role	

* Training Mentor To Initial And Date Completion Of Each Stage

Schedule Number							
Authorisation		SI-3					
Voltage(s)		All HV Volts					
Pre-course Experience	Initial/Date	Post-course Training	Initial/Date	Appraisal/Assessment/Examination/Interview	Initial/Date	Appraisal/Assessment/Examination/Interview	Initial/Date
Knowledge of the Scottish Power Safety Rules		Working with SI-3 authorised member of staff. Assisting in all the duties of SI-3. (Note the candidate should carry out the following duties but the responsibility for the correct implementation of the Safety Rules remains with the SI-3 Authorised Person)		The candidate shall show a knowledge of their responsibilities associated with this authorisation and others as defined in Section C of the Safety Rules		The candidate shall show that he has sufficient knowledge and experience to meet the requirement of the Electricity at Work Reg 16 in the environment in which he is to work	
Knowledge of HASAWA		Preparation of switching schedules to include points of isolation and Primary Earthing		The candidate shall show a knowledge of the Basic Safety Rules and Safety Clearance Distances as defined in Section A of the Safety Rules at the various voltage levels		The candidate shall show a knowledge of what they should always complete before starting work and why	
Knowledge of the Electricity at Work Regulations		Preparation of appropriate safety documents		The candidate shall show an understanding of the content of safety documents as defined in Section B of the safety rules (MSP 4.6) and requirements for completion, issue, transfer, clearance and cancellation		The candidate shall show an understanding of the requirements for PPE and the PPE pertinent to the tasks to be executed	
Knowledge of the Management of Health and Safety at Work Regulations		Issue of appropriate safety documents (The candidate must ensure that the recipient understands the content of the document but, since the responsibility for the safety precautions and the issue of the document remain with the supervising SI-3 authorised person then, the supervising SI-3 Authorised Person must also be satisfied that the recipient understand the contents of the document etc. If there is any doubt about anything in this part of the job then training shall be suspended and the supervising SI-3 Authorised Person will continue the job himself)		The candidate shall show knowledge of the Definitions as defined in Section D of the Safety Rules (MSP6.1)		The candidate shall show an understanding of the requirements for achieving safety from the system prior to the issue of a safety document e.g. position of Primary Earths and Drain Earths	
Knowledge of Plant and Apparatus used on the System at these voltages		Cancellation of appropriate safety documents		The candidate shall show knowledge of the General Provisions within the Safety Rules		The candidate shall know what the purpose and difference is between a PFW and LWC	
Knowledge of the requirements for safety documents		Receipt and clearance of appropriate safety documents		The candidate shall show knowledge of the procedure to be used for objecting to work on the grounds of safety (MSP2.7)		The candidate shall know what the purpose is of a Selected Persons Report	
Knowledge of Energy Networks Risk Assessment		Fulfilling the responsibilities of a substation control person		The candidate shall show knowledge of PSSIs 6 & 8		The candidate shall show a knowledge of the types of plant and apparatus used on the system at these voltages and an appreciation of the plant and apparatus used at associated voltages	
Appreciation of system control boundaries				The candidate shall show knowledge of PSSIs 4 & 16 (Overhead Linesmen)		The candidate shall know what is meant by isolation (D.16), how to create and control, and identify the point of isolation	
Appreciation of System Control				The candidate shall show knowledge of PSSI 10 (Substation SF6)		The candidate shall show an understanding of the requirements for supervision of the working party when in receipt of a safety document	
				The candidate shall show knowledge of PSSI 12 (LV Cables)		The candidate shall know the function of the various Earthing devices used for working, testing and plant movements on or adjacent to the system	
				The candidate shall show knowledge of PSSI 35 (Substation CO2)		The candidate shall show knowledge of the 4 basic safety signs (Prohibition, Warning, Safe Condition & Mandatory)	
						The candidate shall understand the use of Danger and Caution Notices	
						The candidate shall show a knowledge of the extended Safety Distances at the various voltage levels for vehicle and plant movements	
						The candidate shall show knowledge of safe digging practices (HSG47) if applicable for their role	
						The candidate shall show knowledge of safe digging practices (HSG47) if applicable for their role	

* Training Mentor To Initial And Date Completion Of Each Stage

Schedule Number							
Authorisation	SI-4						
Voltage(s)	All HV Volts						
Pre-course Experience	Initial/Date	Post-course Training	Initial/Date	Appraisal/Assessment/Examination/Interview	Initial/Date	Appraisal/Assessment/Examination/Interview	Initial/Date
Knowledge of the Scottish Power Safety Rules		Working with SI-4 authorised member of staff. Assisting in all the duties of SI-4. (Note the candidate should carry out the following duties but the responsibility for the correct implementation of the Safety Rules remains with the SI-4 Authorised Person)		The candidate shall show a knowledge of their responsibilities associated with this authorisation and others as defined in Section C of the Safety Rules		The candidate shall show that he has sufficient knowledge and experience to meet the requirement of the Electricity at Work Reg 16 in the environment in which he is to work	
Knowledge of HASAWA		Preparation of switching schedules to include points of isolation and Primary Earthing		The candidate shall show a knowledge of the Basic Safety Rules and Safety Clearance Distances as defined in Section A of the Safety Rules at the various voltage levels		The candidate shall show a knowledge of what they should always complete before starting work and why	
Knowledge of the Electricity at Work Regulations		Preparation of appropriate safety documents		The candidate shall show an understanding of the content of safety documents as defined in Section B of the safety rules (MSP 4.6) and requirements for completion, issue, transfer, clearance and cancellation		The candidate shall show an understanding of the requirements for PPE and the PPE pertinent to the tasks to be executed	
Knowledge of the Management of Health and Safety at Work Regulations		Issue of appropriate safety documents (The candidate must ensure that the recipient understands the content of the document but, since the responsibility for the safety precautions and the issue of the document remain with the supervising SI-4 authorised person then, the supervising SI-4 Authorised Person must also be satisfied that the recipient understand the contents of the document etc. If there is any doubt about anything in this part of the job then training shall be suspended and the supervising SI-4 Authorised Person will continue the job himself)		The candidate shall show knowledge of the Definitions as defined in Section D of the Safety Rules (MSP6.1)		The candidate shall show an understanding of the requirements for achieving safety from the system prior to the issue of a safety document e.g. position of Primary Earths and Drain Earths	
Knowledge of Plant and Apparatus used on the System at these voltages		Cancellation of appropriate safety documents		The candidate shall show knowledge of the General Provisions within the Safety Rules		The candidate shall know what the purpose and difference is between a PFW and LWC	
Knowledge of the requirements for safety documents		Receipt and clearance of appropriate safety documents		The candidate shall show knowledge of the procedure to be used for objecting to work on the grounds of safety (MSP2.7)		The candidate shall know what the purpose is of a Selected Persons Report	
Knowledge of Energy Networks Risk Assessment		Fulfilling the responsibilities of a substation control person		The candidate shall show knowledge of PSSIs 6 & 8		The candidate shall show a knowledge of the types of plant and apparatus used on the system at these voltages and an appreciation of the plant and apparatus used at associated voltages	
Appreciation of system control boundaries				The candidate shall show knowledge of PSSIs 4 & 16 (Overhead Linesmen)		The candidate shall know what is meant by isolation (D.16), how to create and control, and identify the point of isolation	
Appreciation of System Control				The candidate shall show knowledge of PSSI 10 (Substation SF6)		The candidate shall show an understanding of the requirements for supervision of the working party when in receipt of a safety document	
				The candidate shall show knowledge of PSSI 12 (LV Cables)		The candidate shall know the function of the various Earthing devices used for working, testing and plant movements on or adjacent to the system	
				The candidate shall show knowledge of PSSI 35 (Substation CO2)		The candidate shall show knowledge of the 4 basic safety signs (Prohibition, Warning, Safe Condition & Mandatory)	
						The candidate shall understand the use of Danger and Caution Notices	
						The candidate shall show a knowledge of the extended Safety Distances at the various voltage levels for vehicle and plant movements	
						The candidate shall show knowledge of safe digging practices (HSG47) if applicable for their role	
						The candidate shall show knowledge of safe digging practices (HSG47) if applicable for their role	

* Training Mentor To Initial And Date Completion Of Each Stage

Schedule Number							
Authorisation	SI-5						
Voltage(s)	All Volts						
Pre-course Experience	Initial/Date	Post-course Training	Initial/Date	Appraisal/Assessment/Examination/Interview	Initial/Date	Appraisal/Assessment/Examination/Interview	Initial/Date
Knowledge of the Scottish Power Safety Rules		Working with SI-5 authorised member of staff. Assisting in all the duties of SI-5. (Note the candidate should carry out the following duties but the responsibility for the correct implementation of the Safety Rules remains with the SI-5 Authorised Person)		The candidate shall show a knowledge of their responsibilities associated with this authorisation and others as defined in Section C of the Safety Rules		The candidate shall show that he has sufficient knowledge and experience to meet the requirement of the Electricity at Work Reg 16 in the environment in which he is to work	
Knowledge of HASAWA		Preparation of switching schedules to include points of isolation and Primary Earthing		The candidate shall show a knowledge of the Basic Safety Rules and Safety Clearance Distances as defined in Section A of the Safety Rules at the various voltage levels		The candidate shall show a knowledge of what they should always complete before starting work and why	
Knowledge of the Electricity at Work Regulations		Preparation of appropriate safety documents		The candidate shall show an understanding of the content of safety documents as defined in Section B of the safety rules (MSP 4.6) and requirements for completion, issue, transfer, clearance and cancellation		The candidate shall show an understanding of the requirements for PPE and the PPE pertinent to the tasks to be executed	
Knowledge of the Management of Health and Safety at Work Regulations		Issue of appropriate safety documents (The candidate must ensure that the recipient understands the content of the document but, since the responsibility for the safety precautions and the issue of the document remain with the supervising SI-5 authorised person then, the supervising SI-5 Authorised Person must also be satisfied that the recipient understand the contents of the document etc. If there is any doubt about anything in this part of the job then training shall be suspended and the supervising SI-5 Authorised Person will continue the job himself)		The candidate shall show knowledge of the Definitions as defined in Section D of the Safety Rules (MSP6.1)		The candidate shall show an understanding of the requirements for achieving safety from the system prior to the issue of a safety document e.g. position of Primary Earths and Drain Earths	
Knowledge of Plant and Apparatus used on the System at these voltages		Cancellation of appropriate safety documents		The candidate shall show knowledge of the General Provisions within the Safety Rules		The candidate shall know what the purpose and difference is between a PFW and LWC	
Knowledge of the requirements for safety documents		Receipt and clearance of appropriate safety documents		The candidate shall show knowledge of the procedure to be used for objecting to work on the grounds of safety (MSP2.7)		The candidate shall know what the purpose is of a Selected Persons Report	
Knowledge of Energy Networks Risk Assessment		Fulfilling the responsibilities of a substation control person		The candidate shall show knowledge of PSSIs 6 & 8		The candidate shall show a knowledge of the types of plant and apparatus used on the system at these voltages and an appreciation of the plant and apparatus used at associated voltages	
Appreciation of system control boundaries				The candidate shall show knowledge of PSSIs 4 & 16 (Overhead Linesmen)		The candidate shall know what is meant by isolation (D.16), how to create and control, and identify the point of isolation	
Appreciation of System Control				The candidate shall show knowledge of PSSI 10 (Substation SF6)		The candidate shall show an understanding of the requirements for supervision of the working party when in receipt of a safety document	
				The candidate shall show knowledge of PSSI 12 (LV Cables)		The candidate shall know the function of the various Earthing devices used for working, testing and plant movements on or adjacent to the system	
				The candidate shall show knowledge of PSSI 35 (Substation CO2)		The candidate shall show knowledge of the 4 basic safety signs (Prohibition, Warning, Safe Condition & Mandatory)	
						The candidate shall understand the use of Danger and Caution Notices	
						The candidate shall show a knowledge of the extended Safety Distances at the various voltage levels for vehicle and plant movements	
						The candidate shall show knowledge of safe digging practices (HSG47) if applicable for their role	
						The candidate shall show knowledge of safe digging practices (HSG47) if applicable for their role	

* Training Mentor To Initial And Date Completion Of Each Stage

Pre-course Experience	Initial/Date	Post-course Training	Initial/Date	Appraisal/Assessment/Examination/Interview	Initial/Date	Appraisal/Assessment/Examination/Interview	Initial/Date
Knowledge of the Scottish Power Safety Rules		None		The candidate shall show a knowledge of their responsibilities associated with this authorisation and others as defined in Section C of the Safety Rules		The candidate shall show that he has sufficient knowledge and experience to meet the requirement of the Electricity at Work Reg 16 in the environment in which he is to work	
Knowledge of HASAWA				The candidate shall show a knowledge of the Basic Safety Rules and Safety Clearance Distances as defined in Section A of the Safety Rules at the various voltage levels		The candidate shall show a knowledge of what they should always complete before starting work and why	
Knowledge of the Electricity at Work Regulations				The candidate shall show a knowledge of the content of the safety documents as defined in Section B of the safety rules (MSP 4.6), how to complete, transfer and cancel it		The candidate shall show an understanding of the hazard control measures implemented before the issue of a safety document e.g. position of Primary Earths (Note: this requirement will vary dependant on any limitations which are to be applied to the authorisation)	
Knowledge of the Management of Health and Safety at Work Regulations				The candidate shall show knowledge of the Definitions as defined in Section D of the Safety Rules (MSP6.1)		The candidate shall show an understanding of the hazard control measures implemented after the issue of a safety document e.g. position of Drain Earths (Note: this requirement will vary dependant on any limitations which are to be applied to the authorisation)	
Knowledge of Plant and Apparatus used on the System at these voltages				The candidate shall show knowledge of the General Provisions within the Safety Rules		The candidate shall show an understanding of the requirements for PPE and the PPE pertinent to the tasks to be executed	
Knowledge of the requirements for safety documents				The candidate shall show knowledge of the procedure to be used for objecting to work on the grounds of safety (MSP2.7)		The candidate shall know what the purpose and difference is between a PFW and LWC	
Knowledge of Energy Networks Risk Assessment				The candidate shall show knowledge of PSSI 2		The candidate shall know what the purpose is of a Selected Persons Report	
No prior experience or evidence of Continuous tension stringing of earthwires under single circuit outage conditions on double circuit 132 to 400kV OHL				The candidate shall show knowledge of PSSIs 6 & 8		The candidate shall show a knowledge of the types of plant and apparatus used on the system at these voltages and an appreciation of the plant and apparatus used at associated voltages	
				The candidate shall show knowledge of PSSIs 4 & 16		The candidate shall know what is meant by isolation (D.16), how to create and control, and identify the point of isolation	
				The candidate shall show knowledge of PSSI 11		The candidate shall show an understanding of the requirements for supervision of the working party and when in receipt of a safety document	
				The candidate shall show knowledge of PSSI 27		The candidate shall know the function of the various Earthing devices used for working, testing and plant movements on or adjacent to the system	
				The candidate shall show knowledge of MSP 1.11		The candidate shall show knowledge of the 4 basic safety signs (Prohibition, Warning, Safe Condition & Mandatory)	
				The candidate shall show knowledge of MSP 2.12		The candidate shall understand the use of Danger and Caution Notices	
						The candidate shall show a knowledge of the extended Safety Distances at the various voltage levels for vehicle and plant movements	

* Training Mentor To Initial And Date Completion Of Each Stage

Schedule Number							
Authorisation		Z-1					
Voltage(s)		132-400kV					
Pre-course Experience	Initial/Date	Post-course Training	Initial/Date	Appraisal/Assessment/Examination/Interview	Initial/Date	Appraisal/Assessment/Examination/Interview	Initial/Date
Knowledge of the Scottish Power Safety Rules		None		The candidate shall show a knowledge of their responsibilities associated with this authorisation and others as defined in Section C of the Safety Rules		The candidate shall show that he has sufficient knowledge and experience to meet the requirement of the Electricity at Work Reg 16 in the environment in which he is to work	
Knowledge of HASAWA				The candidate shall show a knowledge of the Basic Safety Rules and Safety Clearance Distances as defined in Section A of the Safety Rules at the various voltage levels		The candidate shall show a knowledge of what they should always complete before starting work and why	
Knowledge of the Electricity at Work Regulations				The candidate shall show a knowledge of the content of the safety documents as defined in Section B of the safety rules (MSP 4.6), how to complete, transfer and cancel it		The candidate shall show an understanding of the hazard control measures implemented before the issue of a safety document e.g. position of Primary Earths (Note: this requirement will vary dependant on any limitations which are to be applied to the authorisation)	
Knowledge of the Management of Health and Safety at Work Regulations				The candidate shall show knowledge of the Definitions as defined in Section D of the Safety Rules (MSP6.1)		The candidate shall show an understanding of the hazard control measures implemented after the issue of a safety document e.g. position of Drain Earths (Note: this requirement will vary dependant on any limitations which are to be applied to the authorisation)	
Knowledge of Plant and Apparatus used on the System at these voltages				The candidate shall show knowledge of the General Provisions within the Safety Rules		The candidate shall show an understanding of the requirements for PPE and the PPE pertinent to the tasks to be executed	
Knowledge of the requirements for safety documents				The candidate shall show knowledge of the procedure to be used for objecting to work on the grounds of safety (MSP2.7)		The candidate shall know what the purpose and difference is between a PFW and LWC	
Knowledge of Energy Networks Risk Assessment				The candidate shall show knowledge of PSSI 2		The candidate shall know what the purpose is of a Selected Persons Report	
Evidence of prior experience of Continuous tension stringing of earthwires under single circuit outage conditions on double circuit 132 to 400kV OHL				The candidate shall show knowledge of PSSIs 6 & 8		The candidate shall show a knowledge of the types of plant and apparatus used on the system at these voltages and an appreciation of the plant and apparatus used at associated voltages	
				The candidate shall show knowledge of PSSIs 4 & 16		The candidate shall know what is meant by isolation (D.16), how to create and control, and identify the point of isolation	
				The candidate shall show knowledge of PSSI 11		The candidate shall show an understanding of the requirements for supervision of the working party and when in receipt of a safety document	
				The candidate shall show knowledge of PSSI 27		The candidate shall know the function of the various Earthing devices used for working, testing and plant movements on or adjacent to the system	
				The candidate shall show knowledge of MSP 1.11		The candidate shall show knowledge of the 4 basic safety signs (Prohibition, Warning, Safe Condition & Mandatory)	
				The candidate shall show knowledge of MSP 2.12		The candidate shall understand the use of Danger and Caution Notices	
						The candidate shall show a knowledge of the extended Safety Distances at the various voltage levels for vehicle and plant movements	

* Training Mentor To Initial And Date Completion Of Each Stage

Schedule Number							
Authorisation		Z-5					
Voltage(s)		132-400kV					
Pre-course Experience	Initial/Date	Post-course Training	Initial/Date	Appraisal/Assessment/Examination/Interview	Initial/Date	Appraisal/Assessment/Examination/Interview	Initial/Date
Knowledge of the Scottish Power Safety Rules		None		The candidate shall show a knowledge of their responsibilities associated with this authorisation and others as defined in Section C of the Safety Rules		The candidate shall show that he has sufficient knowledge and experience to meet the requirement of the Electricity at Work Reg 16 in the environment in which he is to work	
Knowledge of HASAWA				The candidate shall show a knowledge of the Basic Safety Rules and Safety Clearance Distances as defined in Section A of the Safety Rules at the various voltage levels		The candidate shall show a knowledge of what they should always complete before starting work and why	
Knowledge of the Electricity at Work Regulations				The candidate shall show a knowledge of the content of the safety documents as defined in Section B of the safety rules (MSP 4.6), how to complete, transfer and cancel it		The candidate shall show an understanding of the hazard control measures implemented before the issue of a safety document e.g. position of Primary Earths (Note: this requirement will vary dependant on any limitations which are to be applied to the authorisation)	
Knowledge of the Management of Health and Safety at Work Regulations				The candidate shall show knowledge of the Definitions as defined in Section D of the Safety Rules (MSP6.1)		The candidate shall show an understanding of the hazard control measures implemented after the issue of a safety document e.g. position of Drain Earths (Note: this requirement will vary dependant on any limitations which are to be applied to the authorisation)	
Knowledge of Plant and Apparatus used on the System at these voltages				The candidate shall show knowledge of the General Provisions within the Safety Rules		The candidate shall show an understanding of the requirements for PPE and the PPE pertinent to the tasks to be executed	
Knowledge of the requirements for safety documents				The candidate shall show knowledge of the procedure to be used for objecting to work on the grounds of safety (MSP2.7)		The candidate shall know what the purpose and difference is between a PFW and LWC	
Knowledge of Energy Networks Risk Assessment				The candidate shall show knowledge of PSSI 2		The candidate shall know what the purpose is of a Selected Persons Report	
Work on High Voltage Capacitor Banks				The candidate shall show knowledge of PSSIs 6 & 8		The candidate shall show a knowledge of the types of plant and apparatus used on the system at these voltages and an appreciation of the plant and apparatus used at associated voltages	
				The candidate shall show knowledge of PSSIs 4 & 16		The candidate shall know what is meant by isolation (D.16), how to create and control, and identify the point of isolation	
				The candidate shall show knowledge of PSSI 11		The candidate shall show an understanding of the requirements for supervision of the working party and when in receipt of a safety document	
				The candidate shall show knowledge of PSSI 27		The candidate shall know the function of the various Earthing devices used for working, testing and plant movements on or adjacent to the system	
				The candidate shall show knowledge of MSP 1.11		The candidate shall show knowledge of the 4 basic safety signs (Prohibition, Warning, Safe Condition & Mandatory)	
				The candidate shall show knowledge of MSP 2.12		The candidate shall understand the use of Danger and Caution Notices	
						The candidate shall show a knowledge of the extended Safety Distances at the various voltage levels for vehicle and plant movements	

* Training Mentor To Initial And Date Completion Of Each Stage

Schedule Number							
Authorisation		Z-6					
Voltage(s)		132-400kV					
Pre-course Experience	Initial/Date	Post-course Training	Initial/Date	Appraisal/Assessment/Examination/Interview	Initial/Date	Appraisal/Assessment/Examination/Interview	Initial/Date
Knowledge of the Scottish Power Safety Rules		None		The candidate shall show a knowledge of their responsibilities associated with this authorisation and others as defined in Section C of the Safety Rules		The candidate shall show that he has sufficient knowledge and experience to meet the requirement of the Electricity at Work Reg 16 in the environment in which he is to work	
Knowledge of HASAWA				The candidate shall show a knowledge of the Basic Safety Rules and Safety Clearance Distances as defined in Section A of the Safety Rules at the various voltage levels		The candidate shall show a knowledge of what they should always complete before starting work and why	
Knowledge of the Electricity at Work Regulations				The candidate shall show a knowledge of the content of the safety documents as defined in Section B of the safety rules (MSP 4.6), how to complete, transfer and cancel it		The candidate shall show an understanding of the hazard control measures implemented before the issue of a safety document e.g. position of Primary Earths (Note: this requirement will vary dependant on any limitations which are to be applied to the authorisation)	
Knowledge of the Management of Health and Safety at Work Regulations				The candidate shall show knowledge of the Definitions as defined in Section D of the Safety Rules (MSP6.1)		The candidate shall show an understanding of the hazard control measures implemented after the issue of a safety document e.g. position of Drain Earths (Note: this requirement will vary dependant on any limitations which are to be applied to the authorisation)	
Knowledge of Plant and Apparatus used on the System at these voltages				The candidate shall show knowledge of the General Provisions within the Safety Rules		The candidate shall show an understanding of the requirements for PPE and the PPE pertinent to the tasks to be executed	
Knowledge of the requirements for safety documents				The candidate shall show knowledge of the procedure to be used for objecting to work on the grounds of safety (MSP2.7)		The candidate shall know what the purpose and difference is between a PFW and LWC	
Knowledge of Energy Networks Risk Assessment				The candidate shall show knowledge of PSSI 2		The candidate shall know what the purpose is of a Selected Persons Report	
Work on Static VAR Compensators				The candidate shall show knowledge of PSSIs 6 & 8		The candidate shall show a knowledge of the types of plant and apparatus used on the system at these voltages and an appreciation of the plant and apparatus used at associated voltages	
				The candidate shall show knowledge of PSSIs 4 & 16		The candidate shall know what is meant by isolation (D.16), how to create and control, and identify the point of isolation	
				The candidate shall show knowledge of PSSI 11		The candidate shall show an understanding of the requirements for supervision of the working party and when in receipt of a safety document	
				The candidate shall show knowledge of PSSI 27		The candidate shall know the function of the various Earthing devices used for working, testing and plant movements on or adjacent to the system	
				The candidate shall show knowledge of MSP 1.11		The candidate shall show knowledge of the 4 basic safety signs (Prohibition, Warning, Safe Condition & Mandatory)	
				The candidate shall show knowledge of MSP 2.12		The candidate shall understand the use of Danger and Caution Notices	
						The candidate shall show a knowledge of the extended Safety Distances at the various voltage levels for vehicle and plant movements	

* Training Mentor To Initial And Date Completion Of Each Stage