

Power Skills Scheme

Self-Assessment Report (SAR)

What is the Power Skills Scheme?

The Power Skills scheme has evolved out of the Competency Accord agreement reached by the UK's power transmission and distribution network owners. It consists of the 80 units currently making up the Level 3 Power Network Craftsperson Apprenticeship. Unlike the apprenticeship, however, where specific combinations of units must be undertaken, the Power Skills scheme is entirely flexible and enables employers and individuals to tailor the units in relation to specific learning and assessment objectives to meet bespoke training needs.

This might be to simply accredit the learning of experienced workers where assurance of competence is required in relation to either a range or a particular group of skills. Alternatively, it might be to upskill individuals with limited experience in a particular area, and who first need a training programme in order to develop skills and knowledge prior to assessment. The full range of units available from which to develop learning and assessment programmes is included in [Appendix A](#).

More specifically, units are derived from 4 unit groups – see below for details. There are no requirements to cover any number of specified units across any one or all of these groups. The individual can take as many or as few units as required from within each group or across groups to best fit their employer's and / or their own personal skills and knowledge development requirements.

Whilst the Power Skills Scheme uses the Power Network Craftsperson units it is **not** necessarily a requirement for individuals to undertake or demonstrate achievement against whole units; rather, individuals can be registered against component parts of each unit, in line with the assessment categories permitted in relation to each unit.

The full list of unit groups is given below. The unit groups are derived from the current Power Network Craftsperson apprenticeship as follows:

Group A - Foundation Schemes / Units

Schemes / units that offer the individual the pre-requisites for introduction to the power sector, and comprise broad, associated learning and skill. These may be existing achievements that can be demonstrated via accreditation of prior learning (APL).

Group B - Generic Technical Skills Units

Schemes / units that offer the individual an introduction to the power sector, and

comprise generic technical learning and skill.

Group C - Specialist Technical Skills Units

Units that offer the individual detailed technical knowledge and skill across three power network craftsperson areas: Overhead Lines, Underground cables and Substation Fitting.

Group D - Generic Advanced Technical Skills Units

Units that offer the individual more complex power sector learning and skill development.

In order to deliver the flexibility required by the scheme, there are 4 different routes to registration, which are summarised below:

i) NSAP Approved Programme

The individual is assessed against the scheme standards by an NSAP-approved provider on a NSAP-approved programme – either for the first time or for additional categories e.g. Up-skilling.

In order to deliver this route, a provider (or training department within a DNO or supply chain company) is approved as an NSAP Approved Provider. Training Programmes are submitted for NSAP Programme Approval for each unit.

ii) Assessment Only

This route is for those individuals who are already considered competent and require assessment only.

In order to deliver this route, an NSAP-approved Assessor signs off the individual as having the relevant knowledge and skills. The Assessor could be from a DNO, a supply chain company or a provider, which must all be an NSAP-approved provider.

iii) Grandfather Rights

iv) Level 3 Power Network Craftsperson Apprenticeship

Note on general health & safety awareness

The Approved programme route and Assessment only route to registration require that individuals have successfully undertaken a recognised, basic health & safety awareness programme/qualification prior to learning and assessment, such as:

- Energy & Utility Skills SHEA programme, e.g. SHEA Power, Core
- IOSH training courses e.g. Working Safely Course
- Construction Skills Certificate Scheme (CSCS) and related partner cards
- British Safety Council programme, e.g. Level 1 Award in Health and Safety in the Workplace
- NEBOSH, C&G and NOCN Level 1 Awards in Health and Safety

Providers/companies should be prepared to demonstrate individuals' achievement of this pre-requisite as a part of the NSAP quality assurance process.

Where qualifications/programmes are less commonly recognised, providers, companies and individuals should be prepared to demonstrate to NSAP that the programme/qualification in question meets the requirements of an appropriate health & safety programme/qualification.

This SAR relates to routes to registration i) and ii) above, i.e. to the approval of both NSAP programmes and assessment only approaches.

Please note that SHEA Power and BESC AME are a part of the Power Skills offer, but, as separate schemes, they require separate scheme approval, ie in addition to any specific Power Skills units. SHEA Power and BESC AME registrations are paid for separately to Power Skills Scheme registrations, and, accordingly, must be registered specifically for these schemes.

In order to have a training programme or an assessment only approach approved by Energy & Utility Skills for Power Skills, there are a number of requirements that training providers need to meet:

1) You will need to be approved as a training provider.

The Quality Framework – which sits at the heart of provider approval - sets the minimum criteria for learning and development practices, and links into the programme approval process. Sometimes provider approval can be carried out at the same time as the approval of a training programme. If you are not yet an approved Energy & Utility Skills training provider, then you should visit the Energy & Utility Skills website (www.euskills.co.uk) to find out further details.

2) You will need to meet the generic training programme or assessment only criteria for an approved skills-based programme.

These are the general requirements that any approved training programme / assessment only approach must meet. These are included below.

3) You will need to meet the requirements of the Power Skills-specific scheme criteria.

Both training and assessment only programmes must be mapped to these unit standards, and there are other requirements that are specific to Power Skills, i.e. assessor requirements, on site requirements and employer sponsorship requirements.

Power Skills Approval Process

As an approved training provider, the first step is to complete and submit a Self-Assessment Report (SAR) as well as the mapping to the Power Skills scheme unit standards for which you require approval. Your SAR, mapping and evidence will be reviewed and if it meets all the required criteria, we will confirm our approval of your Power Skills programme / assessment only approach. The SAR sections to be completed by you are below in the section entitled: 'The Self-Assessment Report (SAR)'.

In more detail, the approval process requires that you:

- Read and understand fully this Self-Assessment Report (SAR) document and ensure that your Power Skills programme or assessment only approach is fully compliant with the Energy & Utility requirements
- Read and understand fully the generic training programme / assessment only criteria and ensure that you are fully compliant with these requirements
- Read and understand fully the Power Skills-specific criteria which relate to your programme or assessment only approach and ensure that it fully meets this criteria and these standards. All programmes / assessment approaches approved under the Power Skills scheme must fully align with these requirements

A mapping document must be provided, as part of the approval process, to show how your programme has been mapped to the unit-specific standards

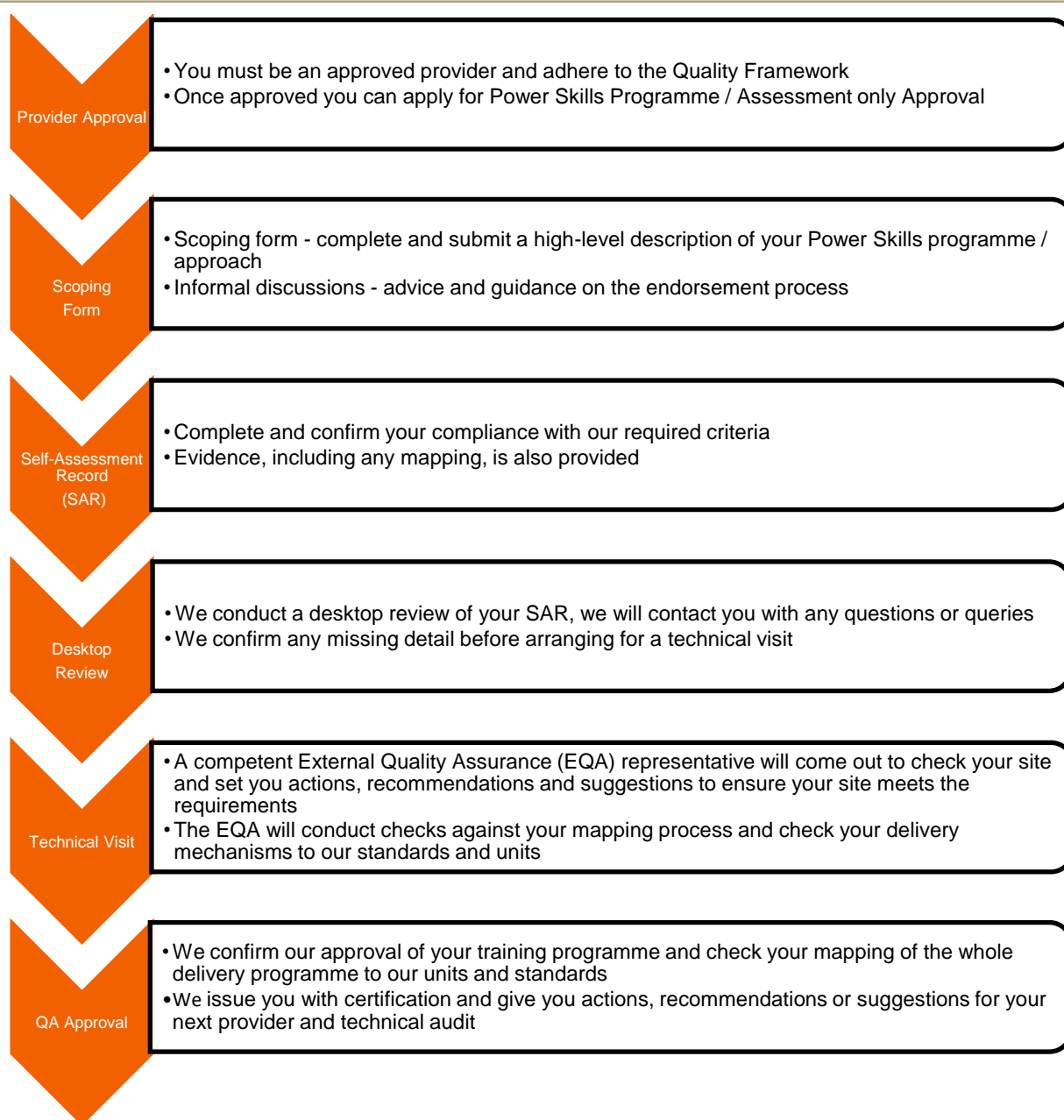
- There is a mapping template available below which you can use to support this activity. Use of this template, however, is not mandatory. Whatever form of template is used, it is requested that, as a minimum, it includes **clear** and **specific** reference to the location of the evidence that meets each of the **individual criteria**. If this is not clear, the submission will be rejected



Power Skills
Mapping Template

- In addition to mapping your programme / assessment only approach to the Power Skills requirements, it is important that you submit examples of relevant supporting evidence, e.g. delivery plans, lesson plans, activity materials, assessment materials etc. Contact the Quality team who can help you with identifying the best ways to support your submission with scheme documentation
- Ensure that you have met all requirements (use the checklist) before submitting the programme/s for approval. (See section entitled: 'The Self-Assessment Report (SAR)')
- A signature from an individual with appropriate authority in your organisation (i.e. a director, senior manager) is required to confirm that a thorough and honest self-assessment has taken place and that all requirements have been fully met

The flow chart below summarises the process for scheme approval:



Registration and Renewal

In order to register an individual, an approved provider must complete registration on QuartzWeb.

Registrations must be renewed every six years to ensure that individuals still have the required knowledge and / or competency. Renewal will consist of successful assessment by an NSAP-approved training provider of an individual's knowledge and skills relevant to

their role and current unit profile. In order to ensure that all relevant aspects of skill and knowledge are assessed per unit, the relevant 'Unit Assessment Record Sheet' (see Technical Specification for more details) should be used to organise and deliver the renewal assessment process.

Provided the requirements of the relevant Unit Assessment Record Sheet can be met appropriately and in full, the NSAP-approved provider may either undertake the individual's renewal assessment within the training centre environment or externally (ie either at the individual's own premises or as a part of the performance of their everyday role or a mixture of both).

Where no Unit Assessment Record Sheet exists for a unit, then the NSAP-approved provider should utilise the full unit standard to effect a comparable style of assessment.

Where individuals have not been performing a role on a day to day basis, then they may need to receive further upskilling training before they undertake the relevant renewal assessment.

On-going Monitoring and Audits of Power Skills Training Programmes / Assessment Only Approaches

All Power Skills programmes that are approved by Energy & Utility Skills are subject to our on-going quality assurance monitoring which includes regular audits.

We use our Quality Framework to support our monitoring and audits. We audit all of our approved providers at least every 12 months, sometimes more often if we deem them or the training programmes they offer to be of a 'higher risk'. To keep this as easy and efficient as possible, supporting evidence for our audits can be provided in a variety of ways e.g. electronic or photographic.

As well as having a provider audit, you will also need to have a technical audit, so there are two audits you are expected to have as an approved provider on this scheme.

All Approved Programmes / Assessment only approaches are subject to audit by the Energy & Utility Skills. Failure to satisfy the audit requirements may result in Provider Approval being withdrawn.

Auditing Process

The frequency and scope of the audit may be based on Provider Approval outcome or based on what the Quality Assurance Lead feels is appropriate. Currently, most of the outcomes for audits could follow the generic outcome and are annual.

An additional visit is required for Power Skills provision, by a competent External Quality Assurer. This to verify continued compliance to the Power Skills-specific criteria. Your audit is estimated therefore to take a minimum of two working days for this programme / assessment only approval.

You will be expected to provide programme evidence as a mandatory part of this visit. Evidence will include samples of the following:

- Learning Strategy / Materials
- Assessment Strategy / Materials
- Evaluation Strategy / Materials
- Verification Strategy / Material

In the event of Provider Approval being withdrawn, authorisation to use the NSAP and Energy & Utility Skills' approval logos will cease and your information on the EUSR / Energy & Utility Skills website will be withdrawn.

Reasonable Adjustments

Definition

A reasonable adjustment helps to reduce the effect of a disability or difficulty that places the individual at a substantial disadvantage in a learning or training environment or assessment situation. It is a requirement under the Equality Act 2010.

Reasonable adjustments must not affect the integrity of the assessment. Examples include:

- Changing "normal" assessment arrangements or adapting assessment materials
- Providing assistance during assessment or learning
- Re-organising the physical learning or training environment
- Changing or adapting the assessment method
- Using assistive technology
- Allowing extra time
- Assessment materials in BSL, on coloured paper or in audio format

Requests for reasonable adjustments must be approved by Energy and Utility Skills and set in place before the assessment activity takes place.

The work produced following a reasonable adjustment must be assessed in the same way as the work from other learners. The individual may not need, nor be allowed, the same adjustment for all assessments.

Guidance on Language

Training programmes and assessments are expected to be delivered in English. Where individuals do not have English as their first language, a reasonable adjustment may be requested. The process is as follows:

- Prior to any assessment taking place, conduct an assessment of the individual's understanding of written and oral English
- This assessment must include the individual's ability to read health and safety signage and communicate risks to others – the individual must be able to adhere to UK legislative and regulatory practices
- Contact us for any advice and guidance if required
- Once satisfied that there is no health and safety risk, submit a request to Energy & Utility Skills for a reasonable adjustment
- Once approved, retain all evidence for your next audit

Note: Translators or Interpreters are not allowed in an assessment and are not therefore considered to be a reasonable adjustment. An individual may use a bilingual dictionary during an assessment.

Requesting a Reasonable Adjustment

We are happy to provide advice and guidance prior to you requesting a reasonable adjustment. A request for a reasonable adjustment must be made at least 5 working days prior to the assessment. The request should be made by email or telephone – we will require your Batch number and the context for the request. We will confirm our approval or non-approval within 2 working days. If we are unable to approve a request for a reasonable adjustment, we will provide you with the full reason for our decision. If you do not agree with our decision, you may appeal. Our Appeals and Enquiry about Results Policy details this process. If you would like advice or guidance on when and how to apply a special consideration, please email or telephone us. If you have any questions relating to this policy, please contact us:

Post:
Energy & Utility Skills

Email:
quality@euskills.co.uk

Phone:
0845 077 99 22

Quality Team
Friars Gate
1011 Stratford Road
Solihull B90 4BN

Power Skills Requirements

This section addresses in more detail the requirements for the Power Skills scheme identified above. In particular, it identifies the:

- 1) Generic training programme or assessment only criteria – essential for all Energy & Utility Skills programmes
- 2) Power Skills-specific scheme criteria – essential for all Power Skills programmes

1) Generic Training Programme / Assessment Only Criteria

The criteria below outlines the type of information we will require to support your application to have your Power Skills programme approved by Energy & Utility Skills. Please contact the Quality team (email: quality@euskills.co.uk) us if you require any additional information or have any questions.

The criteria to be followed is dependent upon the programme you wish to implement:

- For **programmes of training leading to assessment**, then you must follow 1a) below
- For **programmes of assessment only** (i.e. where there is no associated training programme), then you must follow 1b) below

1a) Generic Training Programme Criteria

Evidence Requirement	Supporting information
1. Qualifications, CVs and CPD - for all staff involved in the training programme design and delivery (e.g. trainers, assessors, internal quality assurers)	<ul style="list-style-type: none"> CVs – occupational competence – a minimum of 2 years CPD – evidence of on-going CPD
2. Planning	<ul style="list-style-type: none"> Mapping to industry standards, qualifications, apprenticeships or Energy & Utility schemes Learning outcomes are clearly stated with clear aims and objectives Duration of the training programme Description of an average / typical individual attending the training programme Structure of training programme including any Rules of Combination, barring of modules etc. Recognition of Learning or Accreditation of Prior Learning process Reasonable adjustments and special consideration process Schemes of work and / or lesson plans
3. Lesson Delivery	<ul style="list-style-type: none"> Delivery methodologies Delivery timetables Delivery support materials, resources and activities – for trainers and learners Mapping to relevant industry standards, qualifications, Energy and Utility Schemes or apprenticeships Mapping of delivery materials to learning outcomes Mapping of assessment materials to delivery materials Methodologies and materials used to deliver programmes

<p>4. Information, advice and guidance to support individuals</p>	<ul style="list-style-type: none"> • Information, advice and guidance for prospective learners (marketing material, website, leaflets, helplines, joining instructions) • Pre-training programme information availability e.g. joining instructions containing information on the programme including learning aims, objectives and outcomes, programme overview, costs, pre-requisites such as competence or knowledge, logistics such as venue, timings, catering, dress code, PPE requirements etc. • Information for current individuals (e.g. specification, handbook, manual, industry standards, working practices, print-out of slides, workbooks, suggested additional reading lists, suggested additional activities or exercises, case studies) • Advice and guidance for current individuals (e.g. support mechanisms in place, specialist support availability, progression information, careers advice).
<p>5. Assessment</p>	<ul style="list-style-type: none"> • Assessment methodologies • Assessment mark schemes / guides • Assessment plans / evidence matrices • Assessor written evidence / IQA written plans • Assessment feedback
<p>6. Internal Quality Assurance</p>	<ul style="list-style-type: none"> • IQA methodology (minimum requirements for assuring quality of delivery and assessment) • Sampling plan • Processes, policies, proformas, templates, and records • Standardisation processes • Invigilation process (if appropriate)
<p>7. Feedback</p>	<ul style="list-style-type: none"> • Evaluation mechanism • 360 feedback loop

8. Review	<ul style="list-style-type: none">• Regular and appropriate review of the training programme including support materials
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1b) Generic Training Criteria for Assessment Only Programmes

The following elements of the Generic training programme criteria must be satisfied*:

*The criterion numbering below corresponds to its order in the overall Energy & Utility Skills Generic training programme criteria. Where not relevant to Power Skills assessment only programme approval purposes, we have simply removed the criterion, hence, the numbering is not continuous.

Evidence Requirement	Supporting information
5. Information, advice and guidance to support individuals	<ul style="list-style-type: none"> Information, advice and guidance for prospective learners (marketing material, website, leaflets, helplines, joining instructions) Pre-training programme information availability e.g. joining instructions containing information on the programme including learning aims, objectives and outcomes, programme overview, costs, pre-requisites such as competence or knowledge, logistics such as venue, timings, catering, dress code, PPE requirements etc. Information for current individuals (e.g. specification, handbook, manual, industry standards, working practices, print-out of slides, workbooks, suggested additional reading lists, suggested additional activities or exercises, case studies) Advice and guidance for current individuals (e.g. support mechanisms in place, specialist support availability, progression information, careers advice).
6. Assessment	<ul style="list-style-type: none"> Assessment methodologies Assessment mark schemes / guides Assessment plans / evidence matrices Assessor written evidence / IQA written plans Assessment feedback

7. Internal Quality Assurance	<ul style="list-style-type: none"> • IQA methodology (minimum requirements for assuring quality of delivery and assessment) • Sampling plan • Processes, policies, proformas, templates, and records • Standardisation processes • Invigilation process (if appropriate)
8. Feedback	<ul style="list-style-type: none"> • Evaluation mechanism • 360 feedback loop
9. Review	<ul style="list-style-type: none"> • Regular and appropriate review of the training programme including support materials

2) Power Skills Scheme-specific Programme Criteria

Specific Power Skills Design Criteria:	The relevant unit(s) of the Power Skills scheme have been demonstrably mapped to the training and / or assessment process.
	As appropriate to the registration route, the training provider will comply with the specific trainer, assessor and IQA requirements identified below in the Trainer, Assessor and IQA requirements section.
	The training provider will comply with the facilities and equipment requirements identified below in the Facilities and equipment section.

Trainer, Assessor and IQA Requirements

This outlines the expectations placed on those involved in the delivery and / or assessment of the Power Skills scheme.

	Description	Mandatory / Optional
Trainer requirements	<p>As a part of the approval process, and as an on-going condition of approval, trainers must meet one of the following rules, or be working towards a valid teaching qualification:</p> <ul style="list-style-type: none"> • Certificate in Training Practice • PTTLS / Award in Education and Training • TAP Certificate • TQFE teaching qualification for further education • NVQ Level 3 or 4 in learning and development • Cert Ed / PGCE • Subject to approval, other comparable qualifications supported by the course outline will be considered <p>Where trainers are working towards a nationally-recognised teaching qualification, then the provider should be able to identify the anticipated completion date of the qualification for each trainer concerned, and the arrangements in the interim for ensuring that teaching decisions are appropriately quality assured.</p>	Mandatory for programme-based routes to registration
Assessor Requirements	<p>As a part of the approval process, and as an on-going condition of approval, assessors must meet one of the following rules, or be working towards a valid assessor qualification or unit from any of the current nationally-recognised assessor qualifications:</p> <ul style="list-style-type: none"> • Level 3 Award in Understanding the Principles and Practices of Assessment • Level 3 Award in Assessing Competence in the Work Environment 	Mandatory for both programme-based and assessment only routes to registration

	Description	Mandatory / Optional
	<ul style="list-style-type: none"> Level 3 Award in Assessing Vocationally Related Achievement Level 3 Certificate in Assessing Vocational Achievement <p>or hold one of the following:</p> <ul style="list-style-type: none"> A1 Assess candidates using a range of methods D32 / 33 Assess candidate performance, using differing sources of evidence Energy and Utility Skills Training and Assessing Competence units (i.e. MP1, MP2, AP1, TP1) <p>Where assessors are working towards a nationally-recognised assessor qualification, then the provider should be able to identify the anticipated completion date of the qualification for each assessor concerned, and the arrangements in the interim for ensuring that assessor decisions are appropriately quality assured.</p>	
IQA requirements	<p>Those involved in the internal quality assurance of the programme must meet at least one of the following requirements:</p> <ul style="list-style-type: none"> Level 4 Award In the External Quality Assurance of Assessment Processes and Practice Level 4 Award In Understanding the External Quality Assurance of Assessment Processes and Practice Level 4 Certificate In Leading the External Quality Assurance of Assessment Processes and Practice Level 4 Award in Understanding the Internal Quality Assurance of Assessment Processes and Practice 	Mandatory for both programme-based and assessment only routes to registration

	Description	Mandatory / Optional
	<ul style="list-style-type: none"> Level 4 Award in the Internal Quality Assurance of Assessment Processes and Practice Level 4 Certificate in Leading the Internal Quality Assurance of Assessment Processes and Practice V1 for Internal Verifiers V2 for External Verifiers Recognised alternative to A1 / A2 (e.g. D34 / D35 or per the minimum unit requirement listed above in the assessor awards or equivalent section) <p>Where IQAs are working towards a nationally-recognised IQA qualification, then the provider should be able to identify the anticipated completion date of the qualification for each IQA concerned, and the arrangements in the interim for ensuring that IQA decisions are appropriately quality assured.</p>	
Occupational experience	Trainers / Assessors / IQAs within a provider must additionally be able to demonstrate through their CV vocational knowledge, experience and understanding of current field operations and experience of carrying out assessment within the power industry.	Mandatory

Facilities and Equipment Requirements

Where a unit(s) involves competency-based learning and / or assessment, this activity should take place within the workplace. However, where this is not possible, then the learning and / or assessment may take place in a 'realistic working environment' (RWE).

The employer and / or provider should work together to ensure the RWE experience is as realistic as possible, e.g. equipment and resources must be of a similar age and type to that which could be reasonably expected in a real work place.

The Self-Assessment Report

In this section, you must begin to tell us about your Power Skills training / assessment only programme. This section of the SAR must be fully completed and accompany the mapping of your programme/s.

1) Programme Information

Please complete the fields below so that we have full details of your programme/s

Organisation	Click here to enter text.
Named contact	Click here to enter text.
Contact details (telephone and email)	Click here to enter text.
Address	Click here to enter text.
Programme title	Click here to enter text.
Link to any Energy & Utility Schemes - if so, mapping needs to be provided	Click here to enter text.
Is there a renewal or end date?	Click here to enter text.
Link to standards or qualifications in the UK (e.g. NOS, RQF, Apprenticeships) – if so, mapping needs to be provided	Click here to enter text.
Duration	Click here to enter text.

2) Criteria and Evidence Checklist

This part of the SAR must accompany your mapping of your programme against the relevant criteria and specifications, and confirms that you have fully completed the approval submission process.

Criteria and Evidence Checklist	
PS1	Programme demonstrates compliance with the requirements of the generic training programme / assessment only criteria. <input type="checkbox"/>
PS2	Programme demonstrates complete alignment to the Power Skills scheme-specific criteria. <input type="checkbox"/>
PS3	The relevant unit(s) of the Power Skills scheme have been demonstrably mapped to the training and / or assessment process. <input type="checkbox"/>

3) Website Information

This information will be used by Energy & Utility Skills to list your programme on our website.

Leave blank if you do not require the information to be listed on our website				
Overview of the programme including why it was developed, target audience, aims, objectives and assessment methodology	Click here to enter text.			
Duration of the programme	Click here to enter text.			
Contact details - include name, email and / or telephone number	Click here to enter text.			
Location(s)	Channel Islands	<input type="checkbox"/>	East Midlands	<input type="checkbox"/>

Please select as many that apply:	East of England / East Anglia	<input type="checkbox"/>	London	<input type="checkbox"/>
	N E England	<input type="checkbox"/>	N W England	<input type="checkbox"/>
	Northern Ireland	<input type="checkbox"/>	Republic of Ireland	<input type="checkbox"/>
	Scotland	<input type="checkbox"/>	S E England	<input type="checkbox"/>
	West Midlands	<input type="checkbox"/>	S W England	<input type="checkbox"/>
	Yorkshire and The Humber	<input type="checkbox"/>	Wales	<input type="checkbox"/>
	All	<input type="checkbox"/>		

4) Named Person Declaration

This section confirms that a senior member of your organisation has reviewed the submission and agrees that the submission represents a thorough and honest self-assessment of the programme/s. It also confirms that the submission meets the full requirements of the scheme.

I confirm that [Company Name] has conducted a thorough and honest self-assessment of the [insert Programme Title] and that it meets all the criteria specified within the Power Skills SAR.

I understand that the Energy & Utility Skills reserves the right to seek further verification of the product described as part of the application and on-going monitoring process in order to preserve the integrity of the programme approval process, and understand that any inconsistencies and suspected deception may put the approval status at risk.

I understand and confirm that all learners who attend this programme will be registered with EUSR, as stated within the overarching conditions, and that each registration will be charged at the rate published on the EUSR website, unless otherwise agreed and confirmed in writing.

Name	
Job Title	
Company Address	

Telephone no			
Email address			
Signature		Date	Click here to enter text.

Appendix A – NSAP Power Skills Units

Note on Power Skills Scheme units:

Please note that the scheme units are taken from the Power Network Craftsperson (PNC) Apprenticeship, which requires individuals to do all the requirements associated with a unit. Whilst the Power Skills Scheme uses the PNC units it is **not** a requirement for approved providers to deliver whole units to individuals; rather, where appropriate, approved providers are permitted to build learning programmes based on the component parts of a unit in line with the assessment categories permitted in relation to the unit.

In this sense, approved providers should first review the assessment categories associated with each relevant unit before building their learning programme. Approved providers should be clear when they submit their programme for review by Energy & Utility Skills that they have identified all the relevant assessment categories their learning programme is designed to meet.

Approved providers will also note that the units each have a set of pre-requisite requirements. Again, these are only pre-requisites in relation to the PNC Apprenticeship, and are **not** requirements for individuals taking the unit(s)/components of a unit as a part of the Power Skills Scheme, where individuals undertaking the scheme will have varying levels of qualification and experience. The only pre-requisite requirement for individuals doing a Power Skills Scheme programme is detailed in Section 3 of the Tech Spec document in the 'Note on general health & safety awareness'.

Approved providers, however, should not just disregard these unit pre-requisites; depending on the relative qualification and experience of a specific cohort/individual, it is best practice that an approved provider deliver any relevant underpinning knowledge and skill requirements associated with a unit.

Group	Unit Reference	Unit (and EUSR parent scheme where appropriate)	Assessment categories (where appropriate)
	001	Health, Safety and the Environment	
	002	First Aid	

A - Foundation units	003	Manual Handling	
	004	Fire and Emergency Procedures	
	005	Drug and Alcohol	
	006	SHEA Power	
	007	Risk Assessment	
	008	Personal Protective Equipment	
	009	Basic Hand Skills	
	010	AME Power Environments (BESC AME)	Sub-stations
			Overhead Lines
			Underground Cables
	011	Working with Others	
	012	Asbestos Awareness	
	013	Work at Height	
	014	Network Appreciation - OHL and UG Networks	
	015	Interpersonal Skills	
B - Generic Technical Skills units	020	Location of Utilities (OHL and U/G services)	
	021	Utilities Excavation	
	022	Excavation Shuttering	Category 1: Proprietary Support Systems
			Category 2: Steel Sheet Support Systems
			Category 3: Timber Support Systems
	023	Excavator Banksperson	
	024	Remove, Test and Insert Cut-Out Fuses (Remove, Test & Insert LV Distribution Network Cut-Out Fuses)	

	025	Utilities Drum and Winch	
	026	Safe Driving	
	027	Wayleaves	
	028	4 x 4 Off Road Driving Skills	
	029	Abrasive Cutting Equipment (PLUS: Abrasive Cutting Equipment)	
	030	Vehicle Marshalling	
	031	Slinger and Rigging	
	032	Use of Liquefied Petroleum Gas (LPG)	
	033	Traffic Management	
	034	Electrical Testing Procedures	
	035	Confined Spaces Awareness	
	036	Hydraulics and Pneumatics	
	037	Power Regulation Awareness	
D - Advanced Technical Skills units	090	Organise the Use of Resources	
	091	Receipt of Documents	
	092	Low Voltage Switching OHL	
	093	Low Voltage Switching UG	
	094	High Voltage Switching Substations	
	095	High Voltage Switching OHL	
	096	High Voltage Protection	
	097	Diagnostic Fault Finding	Overhead Lines

			Cable Jointing
			Substations

Group C Units

Group	Unit Reference	Unit (and EUSR parent scheme where appropriate)	Assessment categories (where appropriate)
C - Overhead Lines		Wood Pole (Group A)	
	040	Wood Pole Access	
	041	Install Wood Poles and Stays	
	042	Wood Pole Steelwork HV / LV	
	043	Wood Pole Conductor Stringing HV / LV	HV Conductor Stringing LV Conductor Stringing - Aerial Bundled LV Conductor Stringing - Open Wire
	044	Wood Pole Earthing	HV Conductor Earthing LV Conductor Earthing (ABC wire) LV Conductor Earthing (Open wire)
	045	Wood Pole Conductor Jointing	
	046	Wood Pole Install / Remove Plant / Apparatus	
	047	Wood Pole Install Plant / Apparatus Earthing	
	048	Wood Pole LV Services	
	049	Live Low Voltage Overhead Lines	
	050	HV Live Line Operations (use of rods from ground)	
	051	HV Hot Glove Operations	

Group	Unit Reference	Unit (and EUSR parent scheme where appropriate)	Assessment categories (where appropriate)
		Steel Tower (Group B)	
	052	Steel Tower Use of Climbing Equipment	
	053	Steel Tower Use of Access Equipment	Tower Ladders Platform Safety Lines Fixed Loop Lanyards Line Trolleys Baskets
	054	Steel Tower Conductor Stringing	
	055	Steel Tower Conductor Earthing	Category 1 - 66 kV - 132 kV Conductor Earthing Category 2 - 275 kV - 400 kV Conductor Earthing
	056	Steel Tower Install / Replace Fittings	
	057	Steel Tower Install / Replace Insulators	
	058	Steel Tower Conductor Compression Jointing	
	059	Tower Assembly / Erection	
C - Substations	070	Oil Handling and Testing	
	071	Substation Monitoring / Inspection	Transmission - Category 1 Primary - Category 2 Distribution up to 20kV - Category 3

Group	Unit Reference	Unit (and EUSR parent scheme where appropriate)	Assessment categories (where appropriate)
	072	Working at Height (Substations)	Working at Height (Substations) - Ladders Working at Height (Substations) - Scaffolding Working at Height (Substations) - Gantries Working at Height (Substations) - MEWPS
	073	Transformer Maintenance	Transmission Transformers & plant / ancillary equipment - Category 1 Primary Transformers & plant / ancillary equipment - Category 2
	074	Transformer Install	Transmission Transformers & plant / ancillary equipment - Category 1 Primary Transformers & plant / ancillary equipment - Category 2 Distribution Transformers (up to 20kV) - Category 3
	075	Circuit Breaker Maintenance	Transmission Circuit Breakers - Category 1 - Air blast Transmission Circuit Breakers - Category 1 - Oil Transmission Circuit Breakers - Category 1 - SF6 Primary Circuit Breakers - Category 2 - Oil Primary Circuit Breakers - Category 2 - SF6 Primary Circuit Breakers - Category 2 - Vacuum Distribution Switchgear (up to 20kV) -

Group	Unit Reference	Unit (and EUSR parent scheme where appropriate)	Assessment categories (where appropriate)
			Category 3 – Oil Distribution Switchgear (up to 20kV) - Category 3 - SF6 Distribution Switchgear (up to 20kV) - Category 3 - Vacuum
	076	Circuit Breaker Install	Transmission Circuit Breakers - Category 1 – GIS Transmission Circuit Breakers - Category 1 - Oil Transmission Circuit Breakers - Category 1 - SF6 Primary Circuit Breakers - Category 2 - Oil Primary Circuit Breakers - Category 2 - SF6 Primary Circuit Breakers - Category 2 - Vacuum Distribution Switchgear (up to 20kV) - Category 3 - Oil Distribution Switchgear (up to 20kV) - Category 3 - SF6 Distribution Switchgear (up to 20kV) - Category 3 - Vacuum
	077	Switchgear Maintenance	Transmission Switchgear - Category 1 - Air Transmission Switchgear - Category 1 - SF6 Primary Switchgear - Category 2 - Isolator Primary Switchgear - Category 2 - Earth

Group	Unit Reference	Unit (and EUSR parent scheme where appropriate)	Assessment categories (where appropriate)
			Switch Primary Switchgear - Category 2 - Fault Thrower Primary Switchgear - Category 2 - Motor Driven Isolator Distribution Switchgear (up to 20kV) - Category 3 - Oil Distribution Switchgear (up to 20kV) - Category 3 - SF6 Distribution Switchgear (up to 20kV) - Category 3 - Vacuum
	078	Switchgear Install	Transmission Switchgear - Category 1 - Air Transmission Switchgear - Category 1 -SF6 Primary Switchgear - Category 2 - Isolator Primary Switchgear - Category 2 - Earth Switch Primary Switchgear - Category 2 - Fault Thrower Primary Switchgear - Category 2 - Motor Driven Isolator Distribution Switchgear (up to 20kV) - Category 3 - Oil Distribution Switchgear (up to 20kV) - Category 3 - SF6 Distribution Switchgear (up to 20kV) -

Group	Unit Reference	Unit (and EUSR parent scheme where appropriate)	Assessment categories (where appropriate)
			Category 3 - Vacuum
	079	Battery Systems Maintenance	
	080	SF6 Handling	
	081	Power System Plant Maintenance	
	082	Busbar Equipment Maintenance	
	083	Substation Fitting Maintain Switchgear Compressed Air Plant and Systems	
	084	LV Systems Maintenance	
	085	Power System Plant Maintenance / Install	
	086	Distribution Substation Earthing	
	087	Substation Fitting Control and Panel Wiring	
C - Cable	060	LV Cable Jointing	LV XLPE Cable (Mains and Service) - Category 1 - Service straight through joint (single & three phase) LV XLPE Cable (Mains and Service) - Category 1 - Service termination (single & three phase) LV XLPE Cable (Mains and Service) - Category 1 - Service pot end (single & three phase) LV XLPE Cable (Mains and Service) - Category 1 - Multi service joint (single & three phase) LV XLPE Cable (Mains and Service) - Category 1 - Terminate LV mains cable LV XLPE Cable (Mains and Service) - Category

Group	Unit Reference	Unit (and EUSR parent scheme where appropriate)	Assessment categories (where appropriate)
			<p>1 - Mains straight through joint LV XLPE Cable (Mains and Service) - Category 1 1 - Mains breeches joint LV XLPE Cable (Mains and Service) - Category 1 1 - Mains pot-end LV XLPE Cable (Mains and Service) - Category 1 1 - Sheath repairs LV Cable Consac (Mains and Service) - Category 2 - Transition service straight through joint (single & three phase) LV Cable PILC (Mains and Service) - Category 2 - Transition service straight through joint (single & three phase) LV Cable Consac (Mains and Service) - Category 2 - Service pot end (single & three phase) LV Cable PILC (Mains and Service) - Category 2 - Service pot end (single & three phase) LV Cable Consac (Mains and Service) - Category 2 - Multi service joint off Consac (single & three phase) LV Cable PILC (Mains and Service) - Category 2 - Multi service joint off PILC (single & three phase) LV Cable Consac (Mains and Service) -</p>

Group	Unit Reference	Unit (and EUSR parent scheme where appropriate)	Assessment categories (where appropriate)
			Category 2 - Transition mains straight through joint LV Cable PILC (Mains and Service) - Category 2 - Transition mains straight through joint LV Cable Consac (Mains and Service) - Category 2 - Transition mains breeches joint LV Cable PILC (Mains and Service) - Category 2 - Transition mains breeches joint LV Cable Consac (Mains and Service) - Category 2 - Mains pot-end (Consac) LV Cable PILC (Mains and Service) - Category 2 - Mains pot-end (PILC)
	061	HV Cable Jointing	HV XLPE Cable - Category 1 - Straight through joint HV XLPE Cable - Category 1 - Terminations HV XLPE Cable - Category 1 - Breeches joint HV XLPE Cable - Category 1 - Pot end HV XLPE Cable - Category 1 - Sheath repairs HV XLPE Cable - Category 1 - Trifurcating joints HV PILC Cable - Category 2 - Transition breeches joint HV PILC Cable - Category 2 - Transition straight through joint HV PILC Cable - Category 2 - Pot end

Group	Unit Reference	Unit (and EUSR parent scheme where appropriate)	Assessment categories (where appropriate)
	062	Pilot Cable Jointing	Pilot Cables - Category 1 - Straight Pilot Cables - Category 1 - Sheath repairs Telephone Cables - Category 2 - Straight Telephone Cables - Category 2 - Sheath repairs
	063	EHV Cable Jointing	
	064	Cable Jointers Mate	Cable Jointers Mate

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18 May 2018