

# Route to Competence: Cable Pulling and Cable Jointing

V.1 12.8.24

Key:

To Develop

Developed – needs amending.

Developed

Re-validation of Competence	<p>Periodic knowledge and technical assessment of cable installation and / or cable jointing awareness through ECS renewal or Undertaking of one of the certification routes recognised by industry in last 3 years (for MV / HV cable jointing)</p>		
Higher Level Education	<p><b>Cable Foreman</b> Fully met requirements of Leading Cable Hand grade, 3 years' experience working in that grade, plus employer endorsement</p> <p><b>Cable Installation Supervisor</b> Fully met requirements of Cable Foreman grade, 5 years' experience working in that grade, plus employer endorsement</p> <p><b>Approved Jointer</b> Fully met requirements for LV Jointer, 2 years' experience working in that grade, plus employer endorsement</p> <p><b>MV / HV Jointer</b> Fully met requirements for LV Jointer, plus approved training (SES Training, or Faraday Centre for 11KV, 33KV or HV Cable Termination and Jointing training)</p>		
Re-validation of Competence	<p>Periodic knowledge and technical assessment of cable installation and / or cable jointing awareness through ECS renewal or Undertaking of one of the certification routes recognised by industry in last 3 years (for MV / HV cable jointing)</p>		
Baseline Competence	<p><b>Cable Pulling or LV Jointing Gold Card</b> Baseline competency in occupation. Apprenticeship, previous S/NVQ Level 3, or Experienced Worker Assessment (VQ Level 3 for Power Supply and Distribution Cabling)</p>		
Route to baseline competence	<p><b>Power Industry Distribution Cable Jointer</b> Live apprenticeship standard in England</p>	<p><b>Cable Hand</b> Approved electrical theory qualification or RQF Level 1 qualification in Health and Safety</p> <p><b>Jointing Assistant</b> Approved electrical theory qualification or RQF Level 1 qualification in Health and Safety</p>	<p><b>Leading Cable Hand</b> Minimum of 4 years' experience in a cable gang, plus met requirements of Cable Hand grade or VQ Level 3 for Power Supply and Distribution (Cable installation Pathway)</p> <p><b>LV Jointer</b> NET Assessment of Competence in LV Cable Jointing, or City &amp; Guilds 2304-21 Level 2 Diploma in Electrical Power Engineering (Underground Cables) or VQ Level 3 for Power Supply and Distribution Cabling (Cable Jointing Pathway) + NET LV Assessment</p>
Access to site	<p>Apprentice / Trainee (Limited coverage for Jointing only)</p> <p>Fire Safety in Buildings – included in ECS HSE Assessment (May 24)</p>	<p>Cable Hand Jointing Assistant</p> <p>Fire Safety in Buildings – included in ECS HSE Assessment (May 24)</p>	<p>Leading Cable Hand LV Jointer</p> <p>Fire Safety in Buildings – included in ECS HSE Assessment (May 24)</p>
Entrant	<p><b>New Entrant</b> No site experience</p> <p>Very low level of SKEB. E.g. apprentice, T Levels</p>	<p><b>Partially Trained</b> No experience through to four years' experience in general</p> <p>Some SKEB. E.g. FE course</p>	<p><b>Experienced Worker</b> 4 years or more experience</p> <p>Has most SKEB</p>