

Route to Competence: *Cable Pulling and Cable Jointing*

V.1 12.8.24

Key:

To Develop

Developed –  
needs amending.

Developed

Re-validation of Competence	<div>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)</div>			
Higher Level Education	<div><div>Cable Foreman</div><div>Fully met requirements of Leading Cable Hand grade, 3 years’ experience working in that grade, plus employer endorsement</div><div>Cable Installation Supervisor</div><div>Fully met requirements of Cable Foreman grade, 5 years’ experience working in that grade, plus employer endorsement</div><div>Approved Jointer</div><div>Fully met requirements for LV Jointer, 2 years’ experience working in that grade, plus employer endorsement</div><div>MV / HV Jointer</div><div>Fully met requirements for LV Jointer, plus approved training (SES Training, or Faraday Centre for 11KV, 33KV or HV Cable Termination and Jointing training)</div></div>			
Re-validation of Competence	<div>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)</div>			
Baseline Competence	<div><div>Cable Pulling or LV Jointing Gold Card</div><div>Baseline competency in occupation. Apprenticeship, previous S/NVQ Level 3, or Experienced Worker Assessment (VQ Level 3 for Power Supply and Distribution Cabling)</div></div>			
Route to baseline competence	<div><div><div>Power Industry Distribution Cable Jointer</div><div>Live apprenticeship standard in England</div></div><div><div>Cable Hand</div><div>Approved electrical theory qualification or RQF Level 1 qualification in Health and Safety</div><div>Jointing Assistant</div><div>Approved electrical theory qualification or RQF Level 1 qualification in Health and Safety</div></div><div><div>Leading Cable Hand</div><div>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)</div><div>LV Jointer</div><div>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</div></div></div>			
Access to site	<div><div>Apprentice / Trainee (Limited coverage for Jointing only)</div><div>Fire Safety in Buildings – included in ECS HSE Assessment (May 24)</div><div>Cable Hand Jointing Assistant</div><div>Fire Safety in Buildings – included in ECS HSE Assessment (May 24)</div><div>Leading Cable Hand LV Jointer</div><div>Fire Safety in Buildings – included in ECS HSE Assessment (May 24)</div></div>			
Entrant	<div><div>New Entrant</div><div>No site experience</div><div>Very low level of SKEB. E.g. apprentice, T Levels</div><div>Partially Trained</div><div>No experience through to four years' experience in general</div><div>Some SKEB. E.g. FE course</div><div>Experienced Worker</div><div>4 years or more experience</div><div>Has most SKEB</div></div>			