

## 1 Scope

This appendix combines the requirements of Parts 2 and Parts 5 of ENA ER G81. It provides the following information;

- required by Appendix A of Part 2 of ENA ER G81 covering the materials specification for new low voltage services and mains and associated high voltage to low voltage substations for the purpose of connecting housing developments to the electricity distribution network of Electricity North West Limited.
- required by Appendix A of Part 5 of ENA ER G81 covering the materials specification for new underground connections at voltages up to and including 11kV for industrial and commercial loads to the electricity distribution network of Electricity North West Limited.

As the material specifications covered by Part 2 and Part 5 are common, the information has been combined to avoid unnecessary duplication and make it easier to read.

## 2 General

This document provides details of Electricity North West Limited's approved range of cables, plant, equipment and auxiliary items used to construct distribution assets for connection to Electricity North West Limited's distribution network. Only equipment approved by Electricity North West Limited and listed in this document shall be used to construct electricity networks, substations and services for adoption by Electricity North West Limited in its distribution area.

For all new connections work, the approved installer (ICP) shall provide the Engineer with a full list of equipment to be used. The Engineer will then aim to formally accept or reject the proposal within 10 working days.

All materials for new connections shall conform to the latest Electricity North West Limited Specifications. Where the interface between a new connection and existing assets (cables, switchgear etc) requires alternative material specification, this shall be agreed by Electricity North West Limited's Head of Policy.

Where Electricity North West Limited's requirements are not specified in this document, the ICP shall liaise with the Engineer, to gain approval from Electricity North West Head of Policy for its suggested equipment, prior to purchasing the equipment.

This document will be updated on a regular basis when new equipment is approved by the Electricity North West Limited Head of Policy. Further details will also be added as requirements for further information on the range of equipment used is identified.

This specification provides a description of the materials; the relevant Electricity North West Limited specifications; Approved suppliers for the materials and useful comments on the materials' use.

Where applicable, Electricity North West Limited's approval of the listed suppliers is based on the stated manufacturing locations only.

### 3 Approved Equipment List

All Approved equipment is listed on a spreadsheet which is available on Electricity North West's website:

[enwl-approved-equipment-list-Aug2023.xlsx \(live.com\)](https://www.enwl.co.uk/enwl-approved-equipment-list-Aug2023.xlsx)

The current version is **ENWL-approved-equipment-list-Aug2023**