

# The Voice of the Networks



# Energy Networks Association

## ENA TS 43-92 Issue 5 2018 Revision Summary

## Overhead line fittings

### PURPOSE

TS 43-92 is to interpret BS EN 61284, *Overhead Lines – Requirements and tests for Fittings* and clarify requirements for those parts of BS EN 61284, where alternative arrangements are permitted, such that existing practices, which have proven to provide satisfactory field performance, are maintained and to allow these to be agreed between purchaser and supplier where mutual benefit can be attained.

### SCOPE

Specification of overhead line fittings for lines up to and including 132 kV on wood poles other than insulated Aerial Bundled Conductors (ABC), specified in ENA TS 43-14, and XLPE covered conductors, specified in ENA TS 43-120

### HISTORY

- History not known prior to 2004
- 2004 – Major revision to incorporate the introduction of BS EN 61284
- 2017 – Minor revision ,as detailed overleaf

### Summary of Amendments

- Reference to obsolete ENA TS 41-16 deleted and jumper palms to be specified by the purchaser
- Purchasers may specify bails without integral joints.
- installation torque of mechanical tension terminations to be indelibly marked on the fitting
- Additional design requirements for live line taps
- Marking for helical fittings to include information detailed in ENA TS 43-15 and to be colour coded as per ENA TS 43-15 or ENA TS 43-91, as appropriate
- Test requirements for helical conductor expanded to include requirement for helical stay fittings and helical insulator binds

### Nature of Revision

Minor

### Key Point

Minor amendments to allow designers and purchasers more flexibility to specify design requirements

## Who is affected and why?

- DNO overhead line design engineers & purchasing staff when specifying and procuring overhead line fittings

*(The amendments allow more flexibility to specify design requirements)*

### Impact Assessment of Changes to TS 43-92

Rating Categories	Rating	Assessment
Nil	Nil	
Negligible	Nil	
Minor	Minor	Some benefits in ability to procure fittings to suit DNO OHL practice
Moderate	Nil	
Major	Nil	
	Nil	

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