COMMISSIONING CONDUCTOR TENSIONING METHOD & RESULTS PER RUN FORM

No./Street/Road.....	Company Name: .....
City/ Town: ..... District:	Site Supervisor Name: .....
PCo W/O No. ..... CIWR No:.....	Signed: .....
Contractor Job Cost Code: ..... IR No:	Name (Print): .....

DETAILS:

Pole Numbers at Planning stage

Between Poles..... & ..... Conductor Type:.....

Pole Numbers After Site Installation (confirmation of pole numbers) Checked (tick if no change to pole numbers) ☐

Between Poles..... & .....

Date of Test.....Ambient Temperature..... Time of Test: .....

CONDUCTOR TENSIONING METHOD:

CHECKED	METHOD:	DETAILS:
☐	Dynamometer (Preferred Option)	Tension:
☐	Sight Board or measurement of sag	Span Length: ..... Sag:.....
☐	3 Return Waves (Least Preferred Option)	Time:..... Span Length: .....
☐	Photos must be included of readings and temperature	

CONDUCTOR CLEARANCE::

Minimum clearance of conductor over Access Way / Road Crossing (if applicable)

CHECKED	TYPE:	CLEARANCE:
☐	Access Way	
☐	Road Crossing	

NOTES:

Straining up or Sagging of conductors to the correct tension is required due to the impact on the following:

1.	Design loadings on poles
2.	Ground clearances
3.	Circuit to circuit mid span clearances
4.	Blowout and horizontal clearances
5.	Easements corridors
6.	Guy / Stay requirements

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Tensioning conductors:	
A.	Although the tension will be the same for each span in between two strain points, the sag will be different for different span lengths
B.	If the line is pulled up to the correct tension the sag will be correct
C.	Conversely, if the line is pulled up so the sag is correct for each span the tension will be correct.

Comments: .....

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