



# ICP Inspection and Monitoring Process

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Obligations

Process

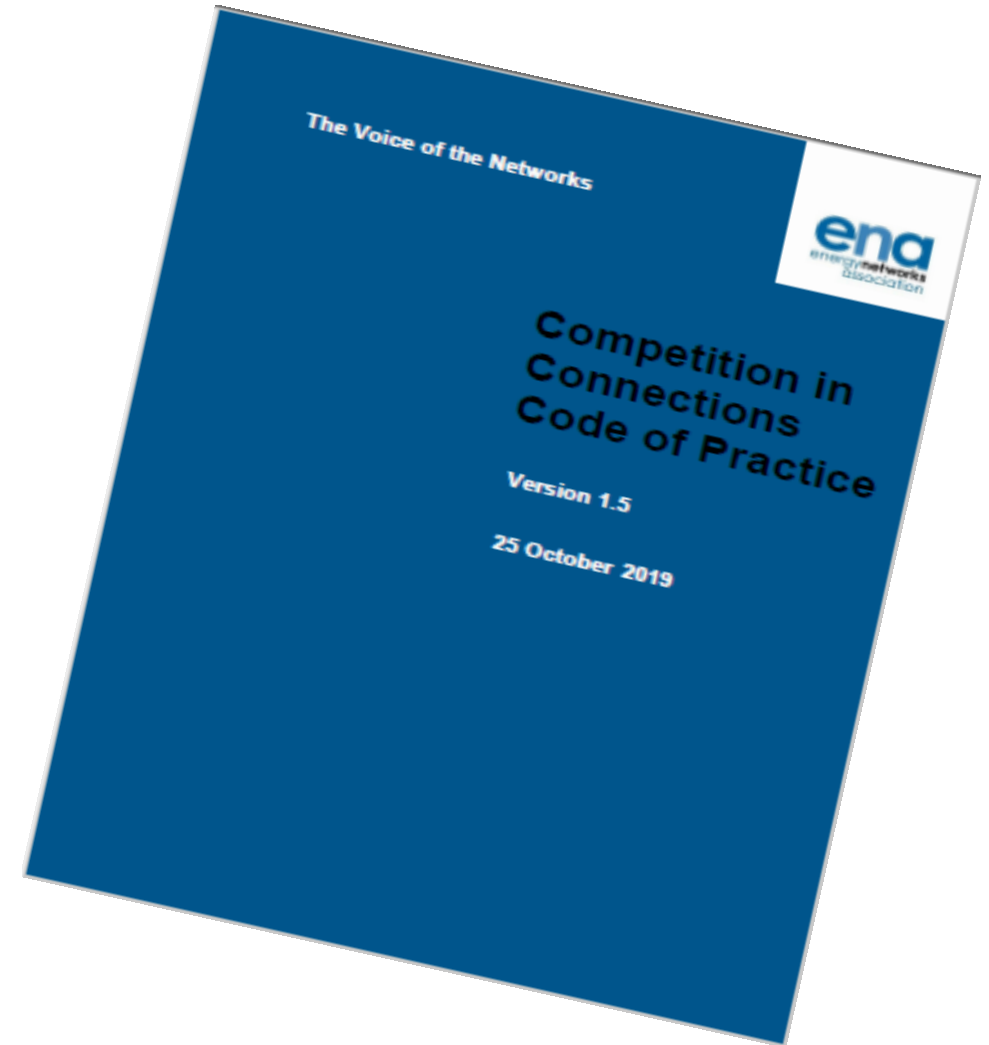
Summary



- Under the Competition in Connection Code of Practice, DNOs / IDNOs have the ability to inspect ICPs works that are being adopted for quality purposes.
- ICPs have an obligation to provide information to facilitate the inspections.
- For specific details see Code of Practice section 6.2

## [Competition in Connections Code of Practice](#)

- This section in the document provides information on the obligations of both parties.





- In section 6 of the **Statement of Methodology and Charges for Connection to ENWL Distribution System** (also known as the **Common Connection Charging Methodology**) this explains the ENWL process for undertaking inspections.

<https://www.enwl.co.uk/get-connected/apply-for-a-new-connection/common-charging-methodology/>









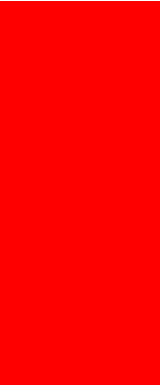

- As per paragraph 6.2.2 of the ENA Competition in Connections Code of Practice, whereabouts must be submitted for all works to be adopted by ENWL
- Whereabouts must be provided to ENWL in advance of the work being undertaken
- Whereabouts must be submitted to the [assetadoption@enwl.co.uk](mailto:assetadoption@enwl.co.uk) mailbox no later than 16:00 Thursday for the following week
- The whereabouts template is available to download [here](#)
  - It can also be downloaded from our [Contestable Activities Library](#)
- Should there be any unforeseen changes in your whereabouts, please update us accordingly through our [assetadoption@enwl.co.uk](mailto:assetadoption@enwl.co.uk) mailbox
- Accurate whereabouts will prevent abortive visit charges

## A stylized graphic featuring white silhouettes of power lines and buildings against a dark blue background. The elements are arranged in a row, with a green hill-like shape behind them.

**Must be returned by 16.00 Thursday for the following week**

# Whereabouts Template Key



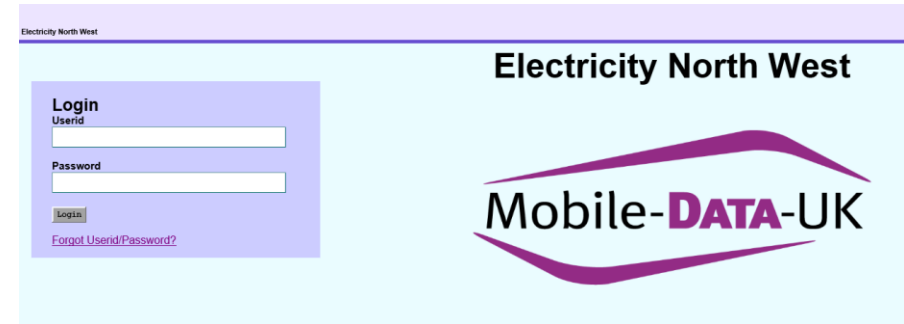
Activity Group	Abbreviation	Description
Group 1		Duct
		Ducting Installation
		SUB B
		Substation Base Casting
Group 2		SUB CIV
		Substation Civil Work
		SUB ED
		Substation Equipment - Delivery
Group 3		CL HV
		Cable Laying High Voltage
		CL LV
		Cable Laying Low Voltage
		SL
		Cable Laying Service
		MJ HV
		HV Jointing
		MJ LV
		LV Jointing
Group 4		SJ
		Service Jointing
		ST SIL
		Service Termination Street Lighting
		ST Dom
		Service Terminations 100 Amp Single Phase
		ST 3PH
		Service Terminations 3 Phase Single supply)
		ST Mul
		Service Terminations Multiway (MOD 16/Bemco type)
		TERM
		Substation Equipment - Termination
		EARTH
		Substation Equipment- Earthing
		PRE-COMM
		Switchgear Pre-commissioning
		Q/H
		Overhead Equipment - Poles, Lines, PMTs etc







- The site inspections are recorded in the MD-UK system
- All ICPs have access to the MD-UK system to view the inspections and non- conformances.
- To request access to MD-UK please contact [Richard.Noonan@enwl.co.uk](mailto:Richard.Noonan@enwl.co.uk)
- ICPs are accountable for resolving their non conformances and responding to the non-conformance in MD-UK
- All non-conformances need to be cleared prior to moving to a reduce level of inspection



# Top eight non-conformances for FY20



Non-Conformance Description	Total number of NCs	% of total NCs
Notification of works form either incomplete or with incorrect details	31	24%
Cable marker tape not installed or incorrect tape used	16	13%
Cable joint inadequately supported during excavation work	15	12%
Depth of cables or cable duct not to ENA specification	14	11%
Cable termination or cut-out issues	10	8%
Insufficient or non-existent bedding and blinding on cables	9	7%
No shorted cap end fitted to cable	6	5%
Inappropriate work instruction issued to contractor	5	4%
Various Other	22	17%

# Inspections and non-conformances for Q1



	Number of inspections undertaken	Number of non-conformances	Number of failed inspections	Number of Non-conformances unresolved
All ICPs	94	16	1	1
ENWL	208	26	4	11



# Inspection and Monitoring – How charges are calculated



- The maximum number of visits charged will be determined based on a percentage of the number of days of activity.
- Number of days calculated by the Whereabouts information.
- Charges to ICPs will be made in arrears based on the actual number of audits carried out up to a maximum from the table below.

% of number of days notified	Level 1	Level 2	Level 3
Service work including street lighting	20%	5%	2%
Low Voltage mains work	50%	10%	5%
High voltage mains work	100%	60%	20%
Extra high voltage & 132kV work	Agreed per project		



## Inspection Level

Inspections are defined by Levels 1-3.

New entrants start at Level 1

ICPs who are currently active on the network will be inspected at level 3 for the category of work they notify on there whereabouts.

Movement of the levels occur following completion of a number of successful inspections in the period;

- 100% pass rate in quarter (based on a minimum of 5 audits)
- <100% pass rate in quarter

## Inspection Reports

Charges will be calculated quarterly.

Two reports utilised to produce invoices;

- ICP whereabouts to calculate number of chargeable inspections.
- Internal report of number of inspections undertaken per ICP.

Analysis of both reports produces an invoice for number of inspections undertaken within the ICP inspection level.

## Principles

Chargeable inspection volumes will be carried forward to next quarter if no inspections undertaken or inspection level is not met.

Non-conformances will increase, in most cases, the inspection level for the next quarter.

Where we have not received whereabouts we will charge for any inspections undertaken.

Lack of whereabouts information is considered a non-conformance

# Example



## QUARTER 1 FY21 (April - June 2020) ICP INSPECTIONS

ICP NAME	SERVICE					LV WORK					HV WORK				
	Inspection Level	Days	Chargeable Inspections	Inspections Undertaken	NCs	Inspection Level	Days	Chargeable Inspections	Inspections Undertaken	NCs	Inspection Level	Days	Chargeable Inspections	Inspections Undertaken	NCs
A	3	323	7	14	3	1	0	0	0	0	1	0	0	0	0
B	3	1	1	3	0	3	37	7	0	0	1	0	0	0	0
C	3	0	0	4	1	1	37	19	1	0	3	6	1	1	0
D	3	0	0	0	0	3	34	2	0	0	1	0	0	0	0
E	3	0	0	0	0	1	0	0	0	0	3	27	5	2	2
F	3	0	0	0	0	1	0	0	0	0	1	39	39	2	0

ICP	Action
A	Charge for 7 service inspections Q1, and increase Service inspection to level 2 as non-conformances found
B	Charge for 1 service inspection, no charge for LV work as no inspections undertaken. Carry forward 7 LV work chargeable inspection volumes to Q2
C	Charge for 1 LV & 1 HV inspections, carry forward 18 LV chargeable inspection volumes to Q2 and increase Service inspection to level 2 as non-conformances found
D	No charge for LV inspection as no inspection undertaken, carry forward 2 LV chargeable inspections to Q2
E	Charge for 2 HV inspections, carry forward 3 HV chargeable inspections to Q2 and increase HV inspection to level 2 as non-conformances found.
F	Charge for 2 HV inspections, carry 37 HV inspection volumes to Q2.





Our charges are published in our Charging Methodology, section 7, table H (see below).

- We will start charging for inspections from 1<sup>st</sup> April 2020
- Invoices will be raised quarterly, commencing October 2020 for the current financial year.

Category	Unit	Charge
LV Network	per site visit	£100
HV Network	per site visit	£100
EHV Network	per site visit	Agreed per project
132kV Network	per site visit	Agreed per project
HV/LV Substation	per site visit	£100
EHV/HV Substation	per site visit	Agreed per project
HV/LV Civils	per site visit	£100
EHV/HV Civils	per site visit	£100

- Invoice queries should be e-mailed to [Richard.Noonan@enwl.co.uk](mailto:Richard.Noonan@enwl.co.uk)





- Purpose of Inspections to ensure health and safety is paramount and all policies and procedures are being adhered to.
- ICPs are obligated to provide ENWL with their whereabouts in a timely manner to facilitate the inspections
- The obligations are covered in the relevant sections of the ENA Competition in Connections Code of Practice and Statement of Methodology and Charges for Connection to Electricity North West Limited's Electricity Distribution System documents
- We have provided you with an understanding of how we apply the inspection charging methodology
- Inspections findings are recorded in MD-UK which all ICPs have access to view their non- conformances and resolve.

Whereabouts are key to success!