



**BUILD, INSPECTION AND TEST PLAN
NETWORK BUILD**

openreach

Document Information.

Client: Openreach ONSA

DOCUMENT REVISION HISTORY

Issue	Revised by	Reson for Revision	Date
1	Lee Matthews	First Issue	March 2020
2	Lee Matthews	Updated with Lead 2 Cash requirements	April 2021

Key References.

Client Standards

Specification LN550 for underground duct laying & associated works

Specification LW350 for installation commissioning for elementary cable sections containing STEP index single mode fibre for digital line systems in the optical fibre network

HAUC Highway Authorities and Utilities Committee

CT/01 Carriageway Frame and Cover Renewal

EPT/UGP/B014 Footway Frame and Cover Renewal

EPT/UGP/B016 Carriageway Frame and Cover Renewal

EPT/ANS/A041 FTTC Quality Standards & Checks

EPT/ANS/A043 RDSLAM Provision

EPT/PPS/B062 Cabinet Provision

EPT/ANS/A036 FTTC Power Cable Installation & Testing

AEI/BPG/G011 Mk2 PCP expansion stand-off

EPT/ANS/A010 Specification for Polling Work

EPT/OHP/B037 Poling Handbook

EPT/OHP/B058 Poles - General Information and Layout Policy

EPT/ANS/A003 Specification for Underground copper cabling

EPT/UGP/E051 Cabling in duct manual

EPT/ANS/A012 Specification for Aerial Cabling

EPT/ANS/A011 Specification for drop wire work

EPT/ANS/A004 Optical Cable Underground Installation & Recovery

EPT/ANS/A047 FTTP Quality standards and checks

EPT/ANS/A040 One fibre network – build quality manual

NWK/NNS/V046 Guidance Notes for Access Network Quality Checks

NWK/NNS/V047 Guidance Notes for Fibre Quality Checks

NWK/NNS/V048 Guidance Notes for Civils Quality Checks

EPT/ANS/A006 Specification for Jointing & Terminating (Copper)

EPT/ANS/A024 Specification Copper Quality Standards

EPT/ANS/A007 Terminating – Optical Fibre

AEI/BPG/G005 Quality of Personal Workmanship in the Dside network

EPT/OHP/B011 Overhead Distribution

SFY/HSB/D040 Working on the Overhead Network

EPT/COF/D901 Optical Consolidation Rack (OCR)

EPT/ANS/A018 Cable Testing (Copper)

EPT/ANS/A042 FTTC User Manual – Fibre, Copper, PCP & End User

EPT/ANS/A016 Specification for Customer Premises (Copper)

EPT/COF/D910 Optical Cable Acceptance Testing

EPT/ANS/A055 FTTC Power Cable Installation & Testing, FTTC Earthing Manual

EPT/ANS/A057 G-fast Side Pod Installation

EPT/ANS/A052 FTTC Power Operations & Maintenance (AC Power)

BES/ESV/B011 Electrical Inspection & Test Practice

BES/ESV/A010 Electrical installation – Policy for Design.

EPT/ANS/A020 Specification for Lightning Protection

EPT/PPS/B055 Lightning protection handbook

EPT/PPS/B062 Cabinets cross-connection and other external cabinets

EPT/UGP/B033 Duct Description, Repair & Sealing

Industry Standards

BS 6651 British Standard code of practice for protection of structures against lightning

BS 7430 Code of practice for earthing

BS 7671 The requirements for electrical installations (The IET Wiring Regulations)

BS 951 Electrical Earthing Clamps

GN3 for BS 7671

Key References

EPT/COF/C004 - FTTP Connectorised L2C Practices

AEI/AEC/B331 - Fibre Cleaning Process

Item		Numbers relate to the competency poster for accreditation requirements	T = Testing I = Inspection				Acceptance Criteria / Client Specification	Quality Control / Method Checking	Records / Comments & Actions
No	Description		Upon Receipt	Prior to install	In Progress	Retrospective			
C1	Civil: Duct Provision	1	I	I	I	I	Provision and installed in accordance with client specifications: <ul style="list-style-type: none"> • LN550 Section 4 duct and cable laying.	Visual check during works to ensure compliance with the criteria and periodic audits for installation quality. <ul style="list-style-type: none"> • CANDID reference NWK/NNS/V048 Guidance Notes for Civils Quality Checks and LN550 Method of checking - Operation Assurance, Section (Civils)	All on-site inspections / audits shall be recorded and reviewed for compliance. Any substandard (defect) shall be addressed and remedied by the responsible party. Defects attract endorsement points that are added to staff accreditations, where serious safety breaches occur the individual's licence to operate is revoked until suitable training and coaching has been completed to satisfy the assessor.
C2	Civil: Frame and Cover Renewal	3, 7, 9	I	I		T	Provision and installed in accordance with client specifications: <ul style="list-style-type: none"> • LN550 Section 9 re-levelling of frames and covers in the footway and carriageway.	Correct profile with existing surfaces and bedded correctly with chamber. <ul style="list-style-type: none"> • CANDID Reference CT/O1 (carriageway); EPT/UGP/B014 (footway); EPT/UGP/B016 (carriageway); NWK/NNS/V048 Guidance Notes for Civils Quality Checks; LN550 and HAUC. Method of checking - Operation Assurance, Section (Civils)	
C3	Civil: Chamber/ Box Builds	3, 7, 9	I	I		T	Provision and installed in accordance with client specifications: <ul style="list-style-type: none"> • LN550 Section 5 jointing chambers. Section 8 Design criteria for buried chambers Section 11 jointing chamber refurbishment.	Due to the various specifications a specific post completion, inspections will be carried out in accordance with the relevant CN drawing. <ul style="list-style-type: none"> • CANDID reference NWK/NNS/V048 Guidance Notes for Civils Quality Checks and LN550. Method of checking - Operation Assurance, Section (Civils)	

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C4	Civil: RDSLAM (Cabinet) Provision	5	I	I	I	I	Constructed in accordance with EPT/ANS/A043. Tests and inspections include (but not limited to) duct positions, cabinet verticality and duct sealing.	<p>Visual checks during works to ensure compliance and periodic audits for installation quality in accordance with the Acceptance Criteria.</p> <ul style="list-style-type: none"> CANDID reference NWK/NNS/V048 Guidance Notes for Civils Quality Checks and EPT/ANS/A041 FTTC Quality Standards & Checks. Due to the special nature of these cabinets, the procedure for fitting the RCD is detailed separately within EPT/ANS/A036, which also gives details of the full electrical testing required to enable electrical certification. <p>Method of checking - Operation Assurance, Section (Civils)</p>	<p>All on-site inspections/ audits shall be recorded and reviewed for compliance.</p> <p>Any substandard (defect) shall be addressed and remedied by the responsible party.</p> <p>Defects attract endorsement points that are added to staff accreditations, where serious safety breaches occur the individual's licence to operate is revoked until suitable training and coaching has been completed to satisfy the assessor.</p>
C5	Civil: PCP (Cabinet) Provision	5	I	I	T	I/T	<p>Constructed in accordance with; Cabinets Cross-connection and Other External Cabinets</p> <ul style="list-style-type: none"> EPT/PPS/B062 	<p>Visual checks during works to ensure compliance and periodic audits for installation quality in accordance with the Acceptance Criteria.</p> <ul style="list-style-type: none"> CANDID reference NWK/NNS/V048 Guidance Notes for Civils Quality Checks. <p>Method of checking - Operation Assurance, Section (Civils)</p>	
C6	Civil: PCP Standoff Provision	5	I	I	I	I/T	<p>Constructed in accordance with Mk2 PCP expansion stand-off AEI/BPG/G011</p>	<p>Visual checks during works to ensure compliance and periodic audits for installation quality in accordance with the Acceptance Criteria.</p> <ul style="list-style-type: none"> CANDID reference NWK/NNS/V048 Guidance Notes for Civils Quality Checks. <p>Method of checking - Operation Assurance, Section (Civils)</p>	

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C7	Civil: New Pole Provision	10	I	I	I	I	<p>Pole provisions shall be provided in accordance with the following:</p> <ul style="list-style-type: none"> EPT/ANS/A010 - Specification for Polling Work EPT/OHP/B037 - Poling Handbook 	<p>Visual checks during work to ensure quality of workmanship.</p> <p>Selective post completion audits in accordance with the Acceptance Criteria.</p> <ul style="list-style-type: none"> CANDID reference EPT/OHP/B058 Poles - General Information and Layout Policy and NWK/NNS/V048 Guidance Notes for Civils Quality Checks <p>Method of checking - Operation Assurance, Section (Civils)</p>	<p>All on-site inspections / audits shall be recorded and reviewed for compliance.</p> <p>Any substandard (defect) shall be addressed and remedied by the responsible party.</p>
C8	Civil: Reinstatement	13	I	T	I	I	<p>Reinstatements completed in accordance with specifications:</p> <ul style="list-style-type: none"> LN550 – Section 6 – reinstatement of highways HAUC 	<p>Post completion inspection / audit.</p> <p>Visual checks during works to ensure compliance and periodic audits for installation quality in accordance with:</p> <ul style="list-style-type: none"> CANDID reference NWK/NNS/V048 Guidance Notes for Civils Quality Checks, LN550 and HAUC <p>Method of checking - Operation Assurance, Section (Civils)</p>	<p>Defects attract endorsement points that are added to staff accreditations, where serious safety breaches occur the individual's licence to operate is revoked until suitable training and coaching has been completed to satisfy the assessor.</p>

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No	Description		Upon Receipt	Prior to install	In Progress	Retrospective			
F1	Flex: Copper Cable Provision Underground	14	I	I	I	I	Cable provided / installed in accordance with client specification: <ul style="list-style-type: none"> EPT/ANS/A003 - Specification for Underground copper cabling EPT/UGP/E051 - Cabling in duct manual 	Post completion inspection / audit. <ul style="list-style-type: none"> CANDID reference NWK/NNS/V046 Guidance Notes for Access Network Quality Checks Method of checking - Operation Assurance, Section (Flex)	All on-site inspections / audits shall be recorded and reviewed for compliance.
F2	Flex: Copper Cable Provision Overhead	10	I	I	I	I	Cable provided / installed in accordance with client specification: <ul style="list-style-type: none"> EPT/ANS/A012 - Specification for Aerial Cabling EPT/ANS/A011 - Specification for drop wire work 	Visual retrospective check or during works to ensure compliance with the Acceptance Criteria. Periodic selection audits <ul style="list-style-type: none"> CANDID reference NWK/NNS/V046 Guidance Notes for Access Network Quality Checks Method of checking - Operation Assurance, Section (Flex)	Any substandard (defect) shall be addressed and remedied by the responsible party. Defects attract endorsement points that are added to staff accreditations, where serious safety breaches occur the individual's licence to operate is revoked until suitable training and coaching has been completed to satisfy the assessor.
F3	Flex: Fibre Cable Provision Underground	14	I	I	I	I	Fibre cable provided underground in accordance with the Fibre Quality Standards: <ul style="list-style-type: none"> EPT/ANS/A004 Optical Cable Underground Installation & Recovery EPT/ANS/A040 - One fibre network - build quality manual 	Visual retrospective check or during works to ensure compliance with the Acceptance Criteria. <ul style="list-style-type: none"> CANDID reference EPT/ANS/A004 Optical Cable Underground Installation & Recovery and NWK/NNS/V047 Guidance Notes for Fibre Quality Checks Method of checking - Operation Assurance, Section (Flex)	

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F4	Flex: Fibre Cable Provision Overhead	10	I	I	I	I	<p>Fibre cable provided overhead in accordance with the Fibre Quality Standards:</p> <ul style="list-style-type: none"> EPT/ANS/A047 – FTTP Quality standards and checks EPT/ANS/A040 – One fibre network – build quality manual 	<p>Visual retrospective check or during works to ensure compliance with the Acceptance Criteria.</p> <p>Periodic selection audits.</p> <ul style="list-style-type: none"> CANDID reference NWK/NNS/V047 Guidance Notes for Fibre Quality Checks, EPT/ANS/A047 – FTTP Quality standards and checks, and EPT/ANS/A040 – One fibre network – build quality manual <p>Method of checking – Operation Assurance, Section (Flex)</p>	<p>All on-site inspections / audits shall be recorded and reviewed for compliance.</p> <p>Any substandard (defect) shall be addressed and remedied by the responsible party.</p>
F5	Flex: Hybrid Cable Provision Underground	14	I	I	I	I	<p>Hybrid cable has a fibre element within the cable and as such needs to be installed / provided in accordance with the specification for Underground cabling EPT/ANS/A004 and Optical Cable Underground Installation & Recovery</p>	<p>Visual retrospective checks during works to ensure compliance.</p> <p>Periodic selection audits</p> <p>Visual retrospective check or during works to ensure compliance with the Acceptance Criteria.</p> <ul style="list-style-type: none"> CANDID reference NWK/NNS/V046 Guidance Notes for Access Network Quality Checks <p>Method of checking – Operation Assurance, Section (Flex)</p>	<p>Defects attract endorsement points that are added to staff accreditations, where serious safety breaches occur the individual's licence to operate is revoked until suitable training and coaching has been completed to satisfy the assessor.</p>

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F6	Flex: Copper Pairs Jointed	6	I	I	I	I	Copper cables to be jointed in accordance with Specification for Jointing & Terminating (Copper) EPT/ANS/A006	<p>Visual retrospective check or during works to ensure compliance with the Acceptance Criteria.</p> <ul style="list-style-type: none"> CANDID reference NWK/NNS/V046 Guidance Notes for Access Network Quality Checks and Specification Copper Quality Standards EPT/ANS/A024 <p>Method of checking - Operation Assurance, Section (Flex)</p>	<p>All on-site inspections / audits shall be recorded and reviewed for compliance.</p> <p>Any substandard (defect) shall be addressed and remedied by the responsible party.</p> <p>Defects attract endorsement points that are added to staff accreditations, where serious safety breaches occur the individual's licence to operate is revoked until suitable training and coaching has been completed to satisfy the assessor.</p>
F7	Flex: Copper Pairs Terminated	6	I	I	I	I	Copper cables to be jointed in accordance with Specification for Jointing & Terminating (Copper) EPT/ANS/A006	<p>Visual retrospective check or during works to ensure compliance with the Acceptance Criteria.</p> <ul style="list-style-type: none"> CANDID reference NWK/NNS/V046 Guidance Notes for Access Network Quality Checks and Specification Copper Quality Standards EPT/ANS/A024 <p>Method of checking - Operation Assurance, Section (Flex)</p>	
F8	Flex: Fibre Splicing	12	I	I	I	I	<p>Fibre shall be spliced and terminated in accordance with specification:</p> <ul style="list-style-type: none"> EPT/ANS/A007 - Terminating - Optical Fibre 	<p>Visual retrospective check or during works to ensure compliance with the Acceptance Criteria.</p> <ul style="list-style-type: none"> CANDID reference NWK/NNS/V047 Guidance Notes for Guidance Notes for Fibre Quality Checks <p>Method of checking - Operation Assurance, Section (Flex)</p>	

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F9	Flex: Fibre Terminations	12	I	I	I	I	Fibre shall be spliced and terminated in accordance with specification: <ul style="list-style-type: none"> EPT/ANS/A007 - Terminating - Optical Fibre 	Visual retrospective check or during works to ensure compliance with the Acceptance Criteria. <ul style="list-style-type: none"> CANDID reference NWK/NNS/V047 Guidance Notes for Guidance Notes for Fibre Quality Checks Method of checking - Operation Assurance, Section (Flex)	All on-site inspections / audits shall be recorded and reviewed for compliance. Any substandard (defect) shall be addressed and remedied by the responsible party. Defects attract endorsement points that are added to staff accreditations, where serious safety breaches occur the individual's licence to operate is revoked until suitable training and coaching has been completed to satisfy the assessor.
F10	Flex: Jointer Assist	5, 6, 11	I	I	I	I	Copper apparatus provided and refitted in a cabinet shall be completed in accordance with specification Quality of Personal Workmanship (QPW) in the D side network AEI/BPG/G005	Visual retrospective check or during works to ensure compliance with the Acceptance Criteria. <ul style="list-style-type: none"> CANDID reference NWK/NNS/V046 Guidance Notes for Access Network Quality Checks and Specification Copper Quality Standards EPT/ANS/A024 Method of checking - Operation Assurance, Section (Flex)	
F11	Flex: Copper Apparatus Provision Underground	14	I	I	I	I	Copper apparatus provided underground shall be completed in accordance with specification Quality of Personal Workmanship (QPW) in the D side network AEI/BPG/G005	Visual retrospective check or during works to ensure compliance with the Acceptance Criteria. <ul style="list-style-type: none"> CANDID reference NWK/NNS/V046 Guidance Notes for Access Network Quality Checks and Specification Copper Quality Standards EPT/ANS/A024 Method of checking - Operation Assurance, Section (Flex)	

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F12	Flex: Copper Apparatus Provision Overhead	10	I	I	I	I	Copper apparatus provided overhead shall be completed in accordance with specification Overhead Distribution EPT/OHP/BO11 and Working on the Overhead Network SFY/ HSH/DO40	<p>Visual retrospective check or during works to ensure compliance with the Acceptance Criteria.</p> <ul style="list-style-type: none"> CANDID reference NWK/NNS/V046 Guidance Notes for Access Network Quality Checks and Specification Copper Quality Standards EPT/ANS/A024 <p>Method of checking - Operation Assurance, Section (Flex)</p>	<p>All on-site inspections / audits shall be recorded and reviewed for compliance.</p>
F13	Flex: Fibre Apparatus Provision Underground	14	I	I	I	I	All fibre apparatus provided underground shall be provided in accordance with specification One Fibre EPT/ANS/A040	<p>Visual retrospective check or during works to ensure compliance with the Acceptance Criteria.</p> <p>Visual retrospective check or during works to ensure compliance with the Acceptance Criteria.</p> <ul style="list-style-type: none"> CANDID reference NWK/NNS/V047 Guidance Notes for Guidance Notes for Fibre Quality Checks, Fibre Quality Standards EPT/ANS/047 and One Fibre EPT/ANS/A040 <p>Method of checking - Operation Assurance, Section (Flex)</p>	<p>Any substandard (defect) shall be addressed and remedied by the responsible party.</p> <p>Defects attract endorsement points that are added to staff accreditations, where serious safety breaches occur the individual's licence to operate is revoked until suitable training and coaching has been completed to satisfy the assessor.</p>
F14	Flex: Fibre Apparatus Provision Overhead	10	I	I	I	I	All fibre apparatus provided overhead shall be provided in accordance with specification One Fibre Network EPT/ANS/A040	<p>Visual retrospective check or during works to ensure compliance with the Acceptance Criteria.</p> <p>Visual retrospective check or during works to ensure compliance with the Acceptance Criteria.</p> <ul style="list-style-type: none"> CANDID reference NWK/NNS/V047 Guidance Notes for Guidance Notes for Fibre Quality Checks, Fibre Quality Standards EPT/ANS/047 and One Fibre EPT/ANS/A040 <p>Method of checking - Operation Assurance, Section (Flex)</p>	

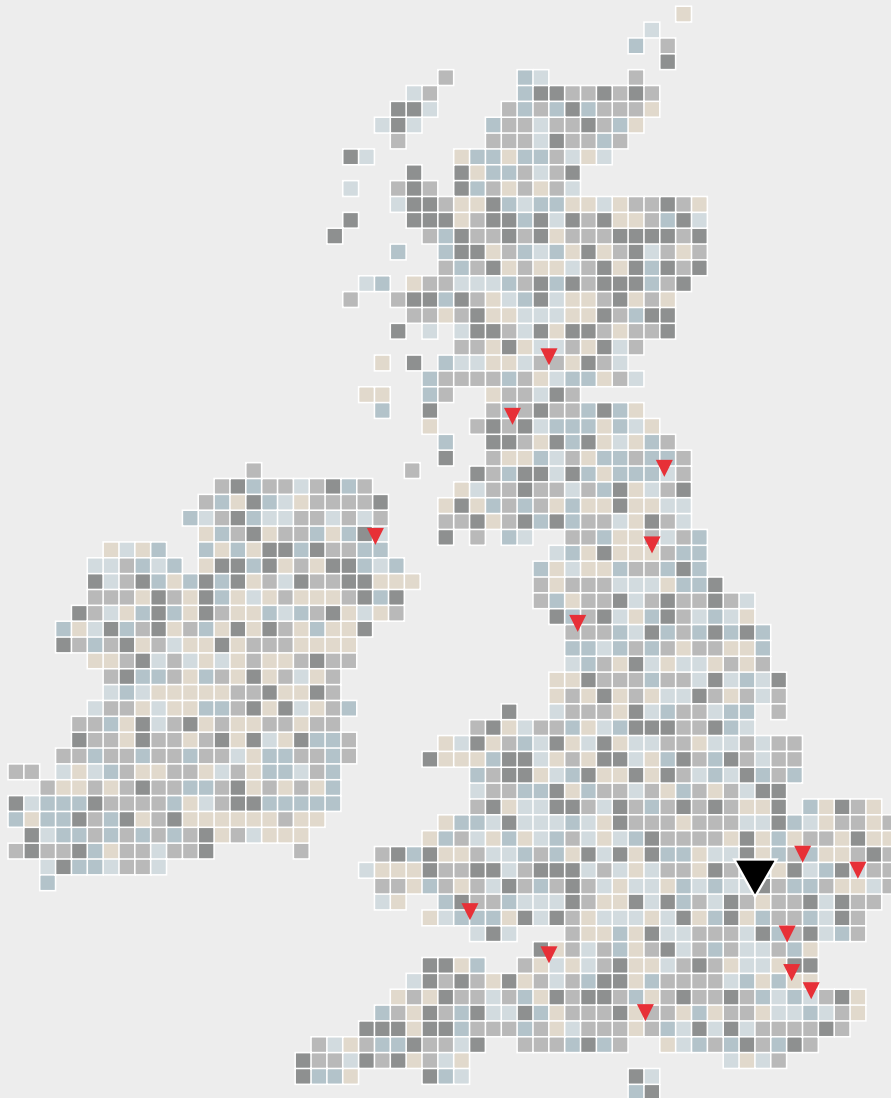
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F15	Flex: OCR Fibre Provision	12	I	I	I	I	OCR Fibre provision shall be installed / provided in accordance with Optical Consolidation Rack (OCR) EPT/COF/D901	<p>Visual retrospective check or during works to ensure compliance with the Acceptance Criteria.</p> <ul style="list-style-type: none"> CANDID reference NWK/NNS/V047 Guidance Notes for Guidance Notes for Fibre Quality Checks, Fibre Quality Standards EPT/ANS/047 and specification Consolidation Rack (OCR) EPT/COF/D901 <p>Method of checking - Operation Assurance, Section (Flex)</p>	<p>All on-site inspections / audits shall be recorded and reviewed for compliance.</p>
F16	Flex: Customer Connections Copper	6	I	I	I	I	All Copper Customer Connections shall be provided in accordance with the Specification for Customer Premises (Copper) EPT/ANS/A016	<p>Visual retrospective check or during works to ensure compliance with the Acceptance Criteria.</p> <ul style="list-style-type: none"> CANDID reference Specification for Copper Quality Standards EPT/ANS/A024 <p>Method of checking - Operation Assurance, Section (Flex)</p>	<p>Any substandard (defect) shall be addressed and remedied by the responsible party.</p> <p>Defects attract endorsement points that are added to staff accreditations, where serious safety breaches occur the individual's licence to operate is revoked until suitable training and coaching has been completed to satisfy the assessor.</p>
F17	Flex: Customer Connections Fibre	12	I	I	I	I	Fibre customer connections shall be provided in accordance with specification FTTC User Manual - Fibre, Copper, PCP & End User EPT/ANS/A042	<p>Visual retrospective check or during works to ensure compliance with the Acceptance Criteria.</p> <ul style="list-style-type: none"> CANDID reference NWK/NNS/V047 Guidance Notes for Guidance Notes for Fibre Quality Checks and Fibre Quality Standards EPT/ANS/047 <p>Method of checking - Operation Assurance, Section (Flex)</p>	

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F18	Flex: Copper Cable Continuity Testing	6	I	I	I	I	All copper cables shall be continuity tested in accordance with EPT/ANS/A018	Visual retrospective check or during works to ensure compliance with the Acceptance Criteria. • CANDID reference Specification for Cable Testing (Copper) EPT/ANS/A018 Method of checking - Operation Assurance, Section (Flex)	All on-site inspections / audits shall be recorded and reviewed for compliance. Any substandard (defect) shall be addressed and remedied by the responsible party. Defects attract endorsement points that are added to staff accreditations, where serious safety breaches occur the individual's licence to operate is revoked until suitable training and coaching has been completed to satisfy the assessor.
F19	Flex: Fibre Cable Light Loss Testing	12	I	I	I	I	Testing to be completed in accordance with Fibre cable testing and commissioning EPT/ANS/019 and Optical Cable Acceptance Testing EPT/COF/D910	Visual retrospective check or during works to ensure compliance with the Acceptance Criteria. • CANDID reference NWK/NNS/VO47 Guidance Notes for Guidance Notes for Fibre Quality Checks, Fibre Quality Standards EPT/ANS/047 and LW350 Method of checking - Operation Assurance, Section (Flex)	
F20	Flex: Earth Cross Bonding	5, 11	I	I	I	I	Cabinets which are within 3m (both doors open) shall require earth cross bonding. The cross bonding shall be completed in accordance with FTTC Power Cable Installation & Testing, FTTC Earthing Manual EPT/ANS/A055	Visual retrospective check or during works to ensure compliance with the acceptance Criteria. • CANDID reference CANDID reference NWK/NNS/VO46 Guidance Notes for Access Network Quality Checks and Specification Copper Quality Standards EPT/ANS/A024 and FTTC Power Cable Installation & Testing FTTC Earthing Manual EPT/ANS/A055 Method of checking - Operation Assurance, Section (Flex)	
F21	Flex: Provide LTTP Lead to Cash activities to customer premises	(L2C job description)	I	I	I	I	Cable provided / Installed in accordance with client specifications: • EPT/ANS/A040 – One • fibre network – build quality manual • EPT/COF/C004 – FTTP Connectorised L2C Practices • AEI/AEC/B331 - Fibre Cleaning Process	Visual retrospective check or during works to ensure compliance with the Acceptance Criteria. Periodic selection audits. • CANDID reference NWK/NNS/VO47 Guidance Notes for Fibre Quality Checks, EPT/ANS/A047 – FTTP Quality standards and checks, and EPT/ANS/A040 – One fibre network – build quality manual Method of checking - Operation Assurance, Section (Flex)	

Electrical

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E1	Electrical: Hybrid Cable Terminations in Cabinet (PCP)	5, 6	I	I	I	I	Hybrid power terminations shall be completed in accordance with specification G-fast Side Pod Installation EPT/ANS/A057 and FTTC Power Operations & Maintenance (AC Power) EPT/ANS/A052	Visual retrospective check or during works to ensure compliance with the Acceptance Criteria. • CANDID reference EPT/ANS/A057 G-fast Side Pod Installation and FTTC Power Operations and EPT/ANS/A052 Maintenance (AC Power) Method of checking - Operation Assurance, Section (Electrical)	All on-site inspections / audits shall be recorded and reviewed for compliance. Any substandard (defect) shall be addressed and remedied by the responsible party.
E2	Electrical: Hybrid Cable Terminations in Cabinet (RDSLAM)	5, 11	I	I	I	I	Hybrid power terminations shall be completed in accordance with specification G-fast Side Pod Installation EPT/ANS/A057 and FTTC Power Operations & Maintenance (AC Power) EPT/ANS/A052	Visual retrospective check or during works to ensure compliance with the Acceptance Criteria. • CANDID reference Specification G-fast Side Pod Installation EPT/ANS/A057 and FTTC Power Operations & Maintenance (AC Power) EPT/ANS/A052 Method of checking - Operation Assurance, Section (Electrical)	Defects attract endorsement points that are added to staff accreditations, where serious safety breaches occur the individual's licence to operate is revoked until suitable training and coaching has been completed to satisfy the assessor.
E3	Electrical: RDSLAM Power Termination onto DNO (Distribution Network Operator)	N/A Electrically competent and authorised by QS.	I	I	I	I	Hybrid power terminations shall be completed in accordance with specification G-fast Side Pod Installation EPT/ANS/A057 and FTTC Power Operations & Maintenance (AC Power) EPT/ANS/A052	Visual retrospective check or during works to ensure compliance with the Acceptance Criteria. • CANDID reference Specification G-fast Side Pod Installation EPT/ANS/A057 and FTTC Power Operations & Maintenance (AC Power) EPT/ANS/A052 Method of checking - Operation Assurance, Section (Electrical)	

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E4	Electrical: Inspection and Test (Earthing)	N/A Electrically competent and authorised by QS.	I/T	T	T	T	<p>BES/ESV/B011 - specification Electrical Inspection & Test Practice</p> <p>BES/ESV/A010 - Electrical installation – Policy for Design.</p> <p>EPT/ANS/A020 - Specification for Lightning Protection</p> <p>EPT/PPS/B055 - Lightning protection handbook</p> <p>EPT/PPS/B062 - Cabinets cross-connection and other external cabinets</p> <p>EPT/UGP/B033 - Duct Description, Repair & Sealing</p> <p>BS 6651 - British Standard code of practice for protection of structures against lightning</p> <p>BS 7430 - Code of practice for earthing</p> <p>BS 7671 - The requirements for electrical installations (The IET Wiring Regulations).</p> <p>BS 951 - Electrical Earthing Clamps</p> <p>GN3 for BS 7671</p>	<p>Visual retrospective check or during works to ensure compliance with the Acceptance Criteria.</p> <p>Method of checking - Operation Assurance, Section (Electrical)</p>	<p>All on-site inspections / audits shall be recorded and reviewed for compliance.</p> <p>Any substandard (defect) shall be addressed and remedied by the responsible party.</p> <p>Defects attract endorsement points that are added to staff accreditations, where serious safety breaches occur the individual's licence to operate is revoked until suitable training and coaching has been completed to satisfy the assessor.</p>



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