|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  | | --- | | Eng Specification  For all BT people | | LN550 | | Issue 14, 15-May-2019  Use until 15-May-2020 | | Published by Technical Documentation - Openreach | | Privacy- None | | |
| Underground Duct Laying and Associated Works | |  |
| Underground / Associated Works | |  |

About this document ...

Author

The author of this document may be contacted at:

|  |
| --- |
| Carl Morrell |
| In-Life Access Engineering Manager - U/G Network |
| Openreach (BOC) |
| Post Point HW M490PO Box 67501  BT Centre  London  EC1P 1PG |
|  |
| Telephone: +447801623998 |
| Fax: |
| Email: carl.morrell@openreach.co.uk |

Content approval

|  |
| --- |
| This is the Issue 14 of this document. |
| The information contained in this document was approved on 15-May-2019 by Andrew Debbage, Senior Manager, Civil Avoidance & Cost Reduction |

**Version History**

|  |  |  |  |
| --- | --- | --- | --- |
| Version No. | Date | Author | Comments |
| Issue 14 | 15-May-2019 | Carl Morrell | Drawing Index changed to issue 14 |
| Issue 13 | 03-Dec-2018 | Chief Engineer's Office Technical Documentation Team | Specification update |
| Issue 12 | 26-Mar-2015 | Document Manager T | Document migrated onto new platform with no content change |
| Issue 12 | 23-Mar-2015 | Chief Engineer's Office Technical Documentation Team | Update attachments; LN550 (Issue 11) and Drawing Folder Index (issue 13) |
| Issue 11 | 3-Apr-2012 | Chief Engineer's Office Technical Documentation Team | Document reviewed. Section 404A added - Integration of AEI/AEC/B001 (Duct 78) DCC52PD (Old 1381) |
| Issue 10 | 12-Jan-2011 | Chief Engineer's Office Technical Documentation team | Document review |
| Issue 9 | 13-Aug-2010 | Chief Engineer's Office Technical Documentation team | Document reviewed.Document revised, associated pdf up-issued to Issue 8.Change of author (DCC972PD) |
| Issue 8 | 13-Oct-2009 | Chief Engineer AEI Technical Documentation Team | Extended for a further six months whilst awaiting results of contractor review. Also change of author & approver DCC406 |
| Issue 7 | 6-Dec-2007 | Dave Cusselle | Document change of Ownership Openreach from Wholesale. Author changes. |
| Issue 6 | 10-Jun-2005 | Akin Ogundiya | Updated |
| Issue 5 | 6-May-2004 | Akin Ogundiya | Changes to duct proving test in Section 401 |
| Issue 4 | 14-Jan-2004 | Akin Ogundiya | Minor revisions to Specification |
| Issue 3 | 30-Nov-2003 | Akin Ogundiya | Specification revised and new parts added. Paragraphs that have been amended are indicated by a vertical line on the left hand of the paragraph |
| Issue 2 | 23-Feb-2001 | Jenny Brown | Specification revised and new Parts added. Paragraphs that have been amended are indicated by a vertical line on the left hand side of the paragraph. |

Table of Content

1 Introduction 5

2 Scope 5

3 References 5

# Introduction

This is a holding document for two files; LN550 and the Drawing Index. It may be at a different issue number to the attached files, so the attachment issue numbers should be used for comparison with older document files.

# Scope

The following describes and details the requirements for contractors working on the BT Underground Duct Network.

This document is meant to be used by appropriately trained and competent personnel who have good experience of working below and underground.

Click  for LN550 (Issue 12) and  for the Drawing Folder Index (issue 14)

# References

|  |  |  |
| --- | --- | --- |
| 1. | BT Documents |  |
|  | NIC |  |
|  | ISIS EPT/OHP/C022 |  |
|  | CN and OTIAN ® Drawings |  |
|  | Drawing Folder No.1 |  |
|  |  |  |
| 2. | British Standard Documents |  |
|  | BS Number | Reference Item |
|  | 12 | Specification for Ordinary and Rapid Hardening Portland cement |
|  | 146 | Specification for Portland Blast Furnace cement. |
|  | 410 | Sieve Sizes |
|  | 882 | Aggregates |
|  | 1881 | Concrete Testing |
|  | 3892 | Part 1- Specification for Pulverised Fuel Ash as a component in structural concrete |
|  | 3921 | Clay Bricks |
|  | 4027 | Specification for Sulphate Resisting cement |
|  | 4449 | Specification of Carbon Steel Bars for reinforcement of concrete |
|  | 5328 | Part 1- Guide to specifying concrete  Part 2- Methods for specifying concrete mixes  Part 3- Specification for the procedures to be used in  producing and transporting concrete  Part 4- Specification for the procedures to be used in  sampling, testing and assessing compliance of concrete |
|  | 5400 | Design of Structures |
|  | 5628 | Parts 1 & 3 - Use of masonry |
|  | 5838 | Dry Packaged Cementitious Mixes |
|  | 6031 | Code of Practice for Earth Works |
|  | 6089 | Concrete Testing |
|  | 6164 | Safety in Tunnelling in the construction industry |
|  | 6588 | Specification for Portland Pulverised Fuel Ash cement |
|  | 6699 | Specification for Ground Granulated Blast-furnace Slag for use with Portland cement |
|  | 8110 | Structural use of concrete |
|  |  |  |
| 3. | Acts, Codes of Practice and Regulations including: | |
|  | New Roads and Street Works Act 1991 | |
|  | Highways and Utilities Committee Codes of Practice (NRSWA) | |
|  | Street Works (Northern Ireland) Order 1995 | |
|  | Northern Ireland Road Authority and Utilities Committee Codes of Practice | |

END OF DOCUMENT