

REFERENCES

- Aaron, 2011. *Fabrication of Reinforcement*, Kent: UK CARES
- AFTES (French Tunnelling and Underground Engineering Association), 1997. *Tunnel Lining Design Guide*. [Online] Available at: www.aftes.asso.fr/contenus/upload/File/Publications/.../GT38R1A1.pdf [Accessed July 2017].
- Anon., 2014. *Kings Road London Geotechnical Interpretive Report*, London: The Royal Borough of Kensington and Chelsea.
- Belmore, R., 2013. *Construction method statement*, London: Selwood Terrace Structural Engineering.
- British Association of Reinforcement , n.d. *The Bar Guide to Steel Reinforcement and Codes*, s.l.: s.n.
- Bloodworth, A., 2016. *Underground and Construction Methods Lecture*. Coventry: University of Warwick.
- Bloodworth, A., 2017. *Tunnel Design Lecture*. Coventry: University of Warwick.
- Bond, A. & Harris, A., 2008. *Decoding Eurocode 7*. Abingdon, UK: Taylor & Francis.
- British Geological Survey, 2006. *North London, England and Wales Sheet 256*, Walthamstow and Hackney: s.n
- British Geological Survey (BGS) Special Publication, 2013. *Engineering Geology of British Rocks and soils*.
- British Geological Survey, 2017. *British Geological Survey*. [Online] Available at: <http://www.bgs.ac.uk/> [Accessed 07 July 2017].
- British Standard, 1998. Vulcanized Rubber. In: *Elastomeric Seals - Material Requirements for pipe joint seals used in water and drainage applications*. London: British Standard Institution.
- British Standard, 2001. *ISO metric black, hexagon bolts, screws, and nuts - Specification*. London: British Standards Institution.
- British Standard, 2005. Design of joints. *Eurocode 3: Design of steel structures*. London: British Standard Institution.
- British Standards Institution, 2007. *Eurocode 7 - Geotechnical design*. London: BSI Group.
- British Tunnelling Society, 2004. *Tunnel lining design guide*. London: Thomas Telford Limited

British Tunneling Society, 2005. *Specification For Tunnelling*. 3rd ed. London: Thomas Telford Limited.

British Tunnelling Society, 2005. *Closed faced tunnelling machines and ground stability*. London: Thomas Telford, p. 77.

Bumbleton, M., n.d. *Site Investigation for Tunnels: 1*. [Online] Available at: <https://www.geplus.co.uk/download?ac=1424061> [Accessed 22 June 2017].

Burland, J.B., 2003. CIRIA Special Publication No. SP200.

Chapman, D., Metje, N. & Stärk, A., 2010. *Introduction to Tunnel Construction*. London: Spon Press.

CIRIA, 2004. CIRIA Special Publication No. C583, Engineering in the Lambeth Group.

Curtis, D. J., 1976. Discussions on Muir Wood: *The circular tunnel in elastic ground*. Geotechnique 26, Issue 1., London: Thomas Telford, pp. 231-237.

Davis, J., 2015. *A Geology of London for Tunnellers and Engineers*, s.l.: Crossrail Learning Legacy.

Dunk, M., 2015. *Engineering Design Standard Eds 02-0041 Cable Tunnel Design Manual*. 4th ed. [ebook] London: UK Power Networks, pp.1-47. Available at: https://library.ukpowernetworks.co.uk/library/en/g81/Design_and_Planning/Cables/Documents/EDS+02-0041+Cable+Tunnel+Design+Manual.pdf [Accessed 4 Jul. 2017].

Deutsches Institut für Normung (DIN), 2005. *Sprayed Concrete: Production and Inspection*. Berlin: Institut für Normung.

Eddie, C., 2016. *Underground and Construction Methods Lecture*. Coventry: University of Warwick.

Ellison, R., Knox, R., Jolley, D. and King, C., 1994. *A revision of the lithostratigraphical classification of the early Palaeogene strata of the London Basin and East Anglia*. Proceedings of the Geologists' Association, 105(3), pp.187-197.

Engineering Master, 2009. *Method Statement for Mae Moh Tunnel Excavation*. Engineering Co Ltd.

Entwistle, D. C., 2013. *Engineering Geology of British Rocks and Soils: Lambeth Group*, London: BGS.

German Tunnelling Committee (DAUB), 2013. *Recommendations for the design, production and installation of segmental rings*. Cologne: Deutscher Ausschuss für unterirdisches Bauen.

Gupta, V. B. & M.P.Jakhanwal, 2015. Various Methods of Tunnel Lining Design in Elastically Embedded Soil. *International Journal of Scientific & Engineering Research*, 6(6), pp. 905-909.

HCCC Construction, 2014. *Construction Method Statement*, Chepstow: HCCC Limited.

Herrenknecht, n.d. [Online] Available at:
<https://www.herrenknecht.com/en/products/core-products/tunnelling>

Herrenknecht, E. M. & Bappler, K., 2003. *Segmental Concrete Lining Design and Installation*, s.l.: Herrenknecht AG

Hight, D. W., Ellison, R. A. & P, P. D., 2004. *Engineering in the Lambeth Group (C583)*, London: CIRIA.

Institution of Civil Engineers (ICE), 1996. *Sprayed Concrete Linings (NATM) for Tunnels in Soft Ground*. ICE Design and Practice Guides. London: Thomas Telford.

King, C., 1981. *The stratigraphy of the London Clay and associated deposits*. Tertiary Research Special Paper, pp. 3-58.

King, M., 2006. *Segmental lining design*. Guildford: University of Surrey.

MacDonald, M., 2013. *River Crossings: Silvertown Tunnel Supporting Technical Documentation*. Further Development of Tunnel Engineering. Croydon: Mott MacDonald House.

McMillan, A. & Powell, J., 1999. *Classification of artificial man made ground and natural superficial deposit*. 4(99-04).

Merritt, A., 2015. *Soil conditioning for earth pressure balance machines*. Cambridge: Geotechnical Engineering Group.

Mosley, W., Bungey, J., and Hulse, R., 2012. *Reinforced concrete design to Eurocode 2* (7th ed.). Palgrave Macmillan.

Wood, A. M., 1975. The circular tunnel in elastic ground. *Geotechnique* 25, Issue 1, pp. 115-127.

National Grid, 2009. *London cable tunnels*. [ebook] London, pp.1-10. Available at: http://www.energyforlondon.org/wp-content/uploads/2013/03/Lon_Tunnels.pdf [Accessed 4 Jul. 2017]

Orr, T. L. L., 2000. *Selection of characteristic values and partial factors in geotechnical designs to Eurocode 7*. Computers & Geotechnics 26, 263-279.

Osgoui, R. & Pescara, M., 2014. *An integrated design approach for the design of segmental tunnel lining in an EPB-Shield driven tunnel-A case study in Iran: Ahwaz Metro Project*. Foz do Iguaçu, Research Gate.

PAREX, 2016. *Terracaulk 30*, United Kingdom.

- Rosenbaum, M., 2002. *Classification of artificial (man-made) ground*. 69(399-409).
- Schneider, H. R. & Fitze, P., 2011. *Characteristic shear strength values for EC7: guidelines based on a statistical framework*. Proc. XV European Conf. on Soil Mech. & Geot. Engrg. Athens, Greece, Vol.4.
- Skipper et al., 2015. The Lambeth group in the Crossrail Project of London, UK- The Geological Model
- STUVAtec Team, 2005. *STUVA Recommendations for Testing and Application of sealing Gaskets in segmental Linings*. Test Recommendations for sealing Segments, Volume 8.
- Technical Tunnelling Components, n.d. *Segment Accessories*, Hinckley: TTC Limited.
- The British Standards Institution, 2016. Working platforms and walkways. In: *Permanent means of access to machinery*. London: BSI Standards Limited.
- Thomas, A., 2009. *Sprayed Concrete Lined Tunnels*. 1st ed. Abingdon: Taylor and Francis.
- Twine, D., Shiplee, H. & Thurston, M., 2011. Delivering London 2012: power lines underground. *Proceedings of ICE*, 6 November, 164(11), pp. 11-16.
- UKPN Press Releases, 2012. *London Cable Tunnel Breakthrough*. [Online] Available at:
<http://www.ukpowernetworks.co.uk/internet/en/news-and-press/press-releases/London-cable-tunnel-breakthrough.html>
[Accessed 03 07 2017].
- VIP, n.d. *Tunnel Segment Gaskets*, Huntingdon: VIP-Polymers Ltd.