

### Background

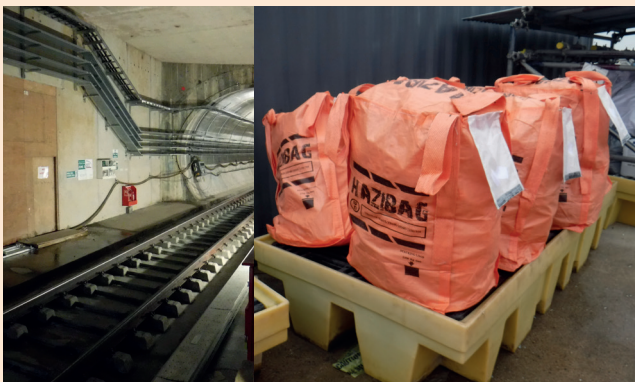
The C360 civils project comprises of the construction of several shafts and headhouses which form part of the wider Crossrail scheme. The shafts are predominantly located in and around the east London area including Canning Town, Mile End and Stepney Green with the westernmost site situated in Holborn, central London. The Shafts and Headhouses are an essential part of the Crossrail project as they provide ventilation and emergency access along the tunnelled section of the railway should it be needed.

Costain Skanska Joint Venture (CSJV) is the principle contractor for the C360 Shafts and Headhouses project with compliance with regulations and standards at the top of their agenda. Since some of their sites were heavily contaminated with asbestos and other hazardous waste being continuously produced on site, a safe, secure and compliant system for dealing with hazardous waste was essential.

### Managing waste on site

Due to the nature of the sites with much of the work taking place underground and with restricted space, CSJV required a solution which was both practical and cost effective and Hazibag UK's COSHH Waste Management System was the ideal solution.

CSJV used the Hazibag as their chosen hazardous waste containment system across the project, instructing sites to use the bags as standard best practice throughout the project.



### Benefits of Hazibags

The Hazibag waste solutions was ideal for the challenges of the project providing the following benefits:

- Space saving, particularly at the Fisher Street site which has a very small footprint (approximately 790m<sup>2</sup>). With Hazibags delivered flat packed before use it meant that they could be stored on site ready for use when needed with little space required for storage.
- Lifting points meant that they can be lifted in and out of the shafts safely, minimising the risk of any damage.
- Bright in colour, they were highly visible on site and easy to identify. A clear pocket allowed signage to be used to distinguish between the different contractors on site or what COSHH waste was required to be put into the bags at another site.
- Sturdy and rainproof so they could, where required, be stored outdoors without any issues.
- The strong but lightweight material contributes to a great saving in delivery cost, as well as to the overall environmental impact of transportation.



### Client feedback

"The site teams have really embraced the use of Hazibags across all C360 sites due to their simple and easy to use nature. Their bright colour, clear pocket for bespoke signage and ability to be stored outdoors are just some of reasons why they have been so well received. The use of Hazibags gives me piece of mind that our projects hazardous waste is being stored and transported with 100% compliance."

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