

News

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Morgan Sindall achieves first emission compliant crawler crane

GLA's LEZ has been enthusiastically adopted by Crossrail and applied to all on-site plant. In response to this, Morgan Sindall's Casey Fleming, Lee Davidson and Jonathan Hall have successfully provided the first compliant crawler crane on the C350 Pudding Mill Lane project.

The LEZ is a traffic pollution charge scheme that aims to minimise the tailpipe emissions of diesel-powered commercial vehicles. With Crossrail implementing a contract requirement for any plant with a power capacity greater than 37kw/h to have a stage IIB engine or an approved Diesel Particulate Filter (DPF) retrofitted, Morgan Sindall's Pudding Mill Lane project team needed to take action.

To date, achieving compliance with large (>50 tonnes) crawler cranes and piling rigs has been problematic due to warranty issues, decreased performance and cost. However, Morgan Sindall, through application and commitment, managed to break this mould by fitting a Pyroban Acti Trap-F DPF to the on-site Sennebogen 650 50 tonne crawler crane. A first on site, the vehicle is currently being used to support structural concrete works on the project.

With subsequent performance and efficiency unaffected, this innovative commitment to best practice has both delighted the customer and helped to drive the improvement of inner city air quality.