

Case Study: Balfour Beatty

Eminox CRT Retrofit helps Balfour Beatty comply with London NRMM LEZ

Balfour Beatty has complied with the London Non Road Mobile Machinery (NRMM) Low Emission Zone (LEZ) requirements by retrofitting Eminox Continuously Regenerating Trap (CRT®) diesel particulate filters (DPFs).

The London NRMM LEZ requires equipment from 37kW and 560kW used on construction sites to meet strict emissions standards.

Balfour Beatty specified Eminox CRT because retrofitting existing equipment was shown to be the most effective way of complying with London NRMM LEZ, being a fraction of the cost of buying new and avoiding prolonged downtime.

The Eminox CRT® system is the world's leading retrofit diesel particulate filter (DPF). It has been specifically developed for use on NRMM and approved by the Energy Savings Trust and is VERT (Verification of Emission Reduction Technologies) certified.

Balfour Beatty has so far retrofitted 13 of its machines including Kobelco piling rigs, Klem mini piling rigs, Pennine power packs and a Bauer crane. The CRT systems were fitted by Eminox's installation team in conjunction with Balfour Beatty's mobile mechanics.

Brian Maxwell at Balfour Beatty said: "Following a meeting with Eminox we realised that *retrofitting CRT technology would mean we reduced our emissions and achieved compliance at a fraction of the cost of buying new.*"

The Eminox's CRT system is modular in construction, giving easy access to the filter for servicing. The company supplied Balfour Beatty with additional filters, which will eliminate downtime when the original filter requires routine cleaning. Eminox's sister company, Ceramex, is one of the UK's leading filter cleaning specialists.

Retrofitting can cost as little as £5000 per machine and Eminox's mobile fitting teams can install CRT systems on London's LEZ sites in as little as one day or less, keeping down-time for construction contractors to a minimum.

