

Case Study: Hong Kong EPD

Eminox SCRT technology reduces pollution in Hong Kong

Hong Kong's Environmental Protection Department (EPD) has introduced a scheme to upgrade buses with retrofit Selective Catalytic Reduction Technology (SCRT) to tackle high NOx emissions in the City.

Eminox, a leading designer and manufacturer of emissions reduction systems, entered a competitive bidding process which resulted in securing the supply of 78 buses with their latest emission control technology.

The scheme was initiated by a pre-qualification programme where Eminox was contracted to retrofit 23 trial buses. The SCRT systems were trialed in real world conditions to ensure they delivered NOx reduction beyond the 60% scheme requirement. In order to supply tailored systems that would work reliably in the harsh Hong Kong city environment, Eminox engineers monitored operating temperatures and took detailed measurements using state of the art laser scanning technology. Bespoke systems were then developed to meet the emissions performance targets set by EPD. Eminox's excellent test results led to a further contract for an additional 55 SCRT systems.

Steve Rawson, Head of Retrofit Engineering at Eminox, commented: *"We are delighted to be involved with such a high-profile international project to tackle on-street pollution in Hong Kong. By retrofitting existing buses, we can improve air quality without the high costs associated with replacing an entire fleet. Our SCRT technology delivers proven real world NOx reduction that can make a real difference to air quality."*

EPD plans to roll out the scheme to upgrade over 1,000 franchised buses in the city over the coming years as part of its ongoing commitment to improve air quality.

