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## TRANSPORT FOR LONDON (TfL) LOW EMISSIONS CERTIFICATE (LEC) FOR APPROVAL OF LOW EMISSIONS ADAPTATIONS

### 'LEC (Adaptation)'

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**Approval Certificate Number:** LE 201-01

**LEC Phase(s):** Phase 3 and Phase 4

**Emissions Category:** Light Duty and Heavy Duty

**Particulate Reduction:** From Euro 0, Euro 1, Euro 2 to Euro 3 and from Pre-Euro, Euro I, Euro II, Euro III to Euro IV.

#### 1. General

1.1 **Make:** Eminox Ltd.

1.2 **Manufacturer's designation of Adaptation:**

Eminox FBC System

REBF0106 REBF0109 REBF0111 REBF0112 REBF0113

REBF0114 REBF0116 REBF0117 REBF0118 REBF0125

REBF0127

Eminox FBC Active System

REBF0173 REBF0175 REBF0184 REBF0185 REBF0186

REBF0200 REBF0201 REBF0202 REBF0207 REBF0208

REBF0210 REBF0239

1.3 **Means of identification as marked on the Adaptation:** See manufacturer's documentation for part numbers. Metal plate attached to filter/filter housing

1.4 **Type of Adaptation:** Silicon Carbide (SiC) substrate wall flow filter with fuel borne catalyst dosing system, with optional electrically assisted regeneration.



- 1.5 **Name and address of manufacturer:**  
Eminox Ltd.  
North Warren Road,  
Gainsborough  
Lincolnshire  
DN21 2TU
- 1.6 **Name and address of manufacturer's authorised representative (if any):** N/A
- 1.7 **Address(es) of assembly plant(s)**  
Eminox Ltd.  
North Warren Road  
Gainsborough  
Lincolnshire  
DN21 2TU
- Or
- Eminox Ltd.  
Brick Kiln Lane  
Basford  
Stoke on Trent  
Staffordshire  
ST4 7BS
- Or
- Eminox Ltd.  
203 Bedford Avenue  
Slough  
Berkshire  
SL1 4RY
- 1.8 **Reference number of manufacturer's information document:** 001  
Document entitled : Eminox FBC Active Fuel Borne Catalyst System. Installation and Set-up Manual.
- 1.9 **Date of manufacturer's information document:** February 2008

## 2. Fitting Details

- 2.1 **Range of engines to which the Adaptation may be fitted:** Compression ignition engines in the range 40 to 620bhp. Contact manufacturer or see manufacturer's documentation for filter size information.
- 2.2 **Vehicle categories to which the Adaptation may be fitted:** N<sub>1</sub> (Class II and III), M<sub>2</sub>, N<sub>2</sub>, N<sub>3</sub> and M<sub>3</sub> vehicle categories

## 3. Approval details

- 3.1 **LEC Certifying Body:** Matthew Vincent Consulting Ltd.
- 3.2 **Certification process:** approved originally via Energy Saving Trust CleanUp Register transfer route.



3.3 **Date of test report (PM):** October 2005

3.4 **Number of test report (PM):** VERT Filter Test Report B 167

4. **Remarks** (if any):

Certificate LE113 14A Extension 1 issued on 12<sup>th</sup> January 2011 based on the concession by Transport for London to grant uplift for pre-Euro HD engines to Euro IV fitted with the certified Adaptation and meeting NO<sub>2</sub> limit requirements. Revised LEC with Approval Certificate Number LE 201-01 issued under Phase 3 and Phase 4 rules.

5. **Date:** 31<sup>st</sup> January 2011

6. **Signature:**



**Name :** Matthew Vincent

for Matthew Vincent Consulting Ltd on behalf of Transport for London