



Transport for London Approved Adaptations

Low Emissions Certificate (LEC) Open List

Minimum Euro PM Standard	Euro IV PM 0.03 g/kW-hr (N2, N3, M3) Euro 3 PM 0.1 g/km (N1 Class II, N1 Class III, M2)					
FAS Limit K (m-1)	0.2					
1. Adaptation Supplier / Make	2. Adaptation Identification (part number, model, I/D mark)	3. LEC Approval Number	4. Vehicle Category	5. Pipe Length (mm)	3. Approved for Lorries, buses and coaches [See note 1 below for vehicles affected]	4. Approved for Larger vans and minibuses [see note 2 below for vehicles affected]
Ab Proventia Emission Control Oy, PROAIR Diesel Particulate Filter systems	LNO-206-00, LNO-208-00, LNO-210-00, LNO-220-00, LNO-225-00, LNO-230-00, LNO-235-00, LNO-330-00, LNO-338-00, LNO-340-00, LNO-345-00, LNO-350-00, LNO-353-00, LNO-354-00, LNO-357-00, LNO-360-00, LNO-362-00, LNO-365-00, LNO-368-00, LNO-370-00, LNO-375-00, LNO-380-00, LNO-385-00, WF-19 D4-018, WF-23 D4-038, WF-27 D4-071, WF-30 D4-068, WF-38 D4-069	LE 206-01	N2, N3, M3	4000	Ü	İ
Astra Vehicle Technologies Limited Adastral DPF with adinject™ FBC Dosing System	L6, L8, L9, L10, L13, L15, L17, L20, L23, L28, L33, L35, L40, L43	LE202-01	N1 Class II, N1 Class III, M2, N2, N3, M3	4000	Ü	Ü
Astra Vehicle Technologies Limited Astra cCRF System	L6cCRF, L10cCRF, L13cCRF, L15cCRF, L17cCRF, L20cCRF, L23cCRF, L28cCRF, L35cCRF	LE202-02 Extension 1	N2, N3, M3	4000	Ü	İ
Baumot AG, BA and BA-B Diesel Particulate filter systems	BA 1012, BA 1112, BA 1114, BA 1213, BA 1215, BA 1317, BA 1515, BA 5666, BA 7512, BA 7580, BA 9012, BA 9090, BA-B 1012, BA-B 1112, BA-B 1114, BA-B 1213, BA-B 1215, BA-B 1317, BA-B 1515, BA-B 5666, BA-B 7512, BA-B 7580, BA-B 9012, BA-B 9090, BA-F 1012, BA-F 1112, BA-F 1114, BA-F 1213, BA-F 1215, BA-F 1317, BA-F 1515, BA-F 5666, BA-F 7512, BA-F 7580, BA-F 9012, BA-F 9090, BA-H 1012, BA-H 1112, BA-H 1114, BA-H 1213, BA-H 1215, BA-H 1317, BA-H 1515, BA-H 5666, BA-H 7512, BA-H 7580, BA-H 9012, BA-H 9090	LE 207-01	N1 Class II, N1 Class III, M2, N2, N3, M3	4000	Ü	Ü
Note 1	Includes: 1. Heavy diesel-engined vehicles over 3.5 tonnes Gross Vehicle Weight, including goods vehicles, motorcaravans, motorised horseboxes, breakdown and recovery vehicles, snow ploughs, gritters, refuse collection vehicles, road sweepers, concrete mixers, fire engines, tippers, removal lorries, and ambulances. 2. Buses and coaches with more than eight seats plus the driver's seat exceeding 5 tonnes Gross Vehicle Weight.					
Note 2	Includes: 1. Diesel-engined Vans between 1.205 tonnes unladen and 3.5 tonnes Gross Vehicle Weight 2. Diesel-engined Minibuses with more than eight seats plus the driver's seat below 5 tonnes Gross Vehicle Weight. 3. Specialist vehicles including motorised horseboxes, 4x4 light utility vehicles, pickups, camper vans, motor caravans, hearses and ambulances between 2.5 tonnes and 3.5 tonnes Gross Vehicle Weight					

1. Adaptation Supplier / Make (contact details in LEC Supplier List worksheet)	2. Adaptation Identification (part number, model, I/D mark)	3. LEC Approval Number	4. Vehicle Category	5. Pipe Length (mm)	3. Approved for Lorries, buses and coaches [See note 1 below for vehicles affected]	4. Approved for Larger vans and minibuses [see note 2 below for vehicles affected]
Dinex Exhausts Ltd. DiPEX Catalysed Diesel Particulate Filter	DiPEX-1UC, DiPEX-2UC, DiPEX-3UC, DiPEX-4UC, DiPEX-5UC, DiPEX-6UC, DiPEX-7UC, DiPEX-8UC, DiPEX-9UC, DiPEX-10UC, DiPEX-11UC, DiPEX-12UC, DiPEX-13UC, DiPEX-14UC, DiPEX-1C, DiPEX-2C, DiPEX-3C, DiPEX-4C, DiPEX-5C, DiPEX-6C, DiPEX-7C, DiPEX-8C, DiPEX-9C, DiPEX-10C, DiPEX-11C, DiPEX-12C, DiPEX-13C, DiPEX-14C, DPX2-1, DPX2-2, DPX2-3, DPX2-4, DPX2-5, DPX2-6, DPX2-7, DPX2-8, DPX2-9, DPX2-10, DPX2-11, DPX2-12, DPX2-13, DPX2-14	LE 203-02	N1 Class II, N1 Class III, M2, N2, N3, M3	4000	Ü	Ü
Dinex Exhausts Ltd. DiSiC Catalysed (SiC)	DiSiC-1UC, DiSiC-2UC, DiSiC-3UC, DiSiC-4UC, DiSiC-5UC, DiSiC-6UC, DiSiC-7UC, DiSiC-8UC, DiSiC-9UC, DiSiC-10UC, DiSiC-11UC, DiSiC-12UC, DiSiC-13UC, DiSiC-14UC, DiSiC-1C, DiSiC-2C, DiSiC-3C, DiSiC-4C, DiSiC-5C, DiSiC-6C, DiSiC-7C, DiSiC-8C, DiSiC-9C, DiSiC-10C, DiSiC-11C, DiSiC-12C, DiSiC-13C, DiSiC-14C, DiSiC-1F, DiSiC-2F, DiSiC-3F, DiSiC-4F, DiSiC-5F, DiSiC-6F, DiSiC-7F, DiSiC-8F, DiSiC-9F, DiSiC-10F, DiSiC-11F, DiSiC-12F, DiSiC-13F, DiSiC-14F, DiSiC-1A, DiSiC-2A, DiSiC-3A, DiSiC-4A, DiSiC-5A, DiSiC-6A, DiSiC-7A, DiSiC-8A, DiSiC-9A, DiSiC-10A, DiSiC-11A, DiSiC-12A, DiSiC-13A, DiSiC-14A	LE 203-01	N1 Class II, N1 Class III, M2, N2, N3, M3	4000	Ü	Ü
Emicon Systems ApS SiC FBC filter systems	Emiflex 118, Emiflex 144, Emiflex 190, Emiflex 228, Emiflex 241, Emiflex 254, Emiflex 267, Emiflex 286, Emiflex 305, Emiflex 381, Emiflex 118D, Emiflex 144D, Emiflex 190D, Emiflex 228D, Emiflex 241D, Emiflex 254D, Emiflex 267D, Emiflex 286D, Emiflex 305D, Emiflex 381D, Emiflex 118V, Emiflex 144V, Emiflex 190V, Emiflex 228V, Emiflex 241V, Emiflex 254V, Emiflex 267V, Emiflex 286V, Emiflex 305V, Emiflex 381V, Emiflex 118C, Emiflex 144C, Emiflex 190C, Emiflex 228C, Emiflex 241C, Emiflex 254C, Emiflex 267C, Emiflex 286C, Emiflex 305C, Emiflex 381C, Emifit 118, Emifit 144, Emifit 190, Emifit 228, Emifit 241, Emifit 254, Emifit 267, Emifit 286, Emifit 305, Emifit 381, Emifit 118D, Emifit 144D, Emifit 190D, Emifit 228D, Emifit 241D, Emifit 254D, Emifit 267D, Emifit 286D, Emifit 305D, Emifit 381D, Emifit 118V, Emifit 144V, Emifit 190V, Emifit 228V, Emifit 241V, Emifit 254V, Emifit 267V, Emifit 286V, Emifit 305V, Emifit 381V, Emifit 118C, Emifit 144C, Emifit 190C, Emifit 228C, Emifit 241C, Emifit 254C, Emifit 267C, Emifit 286C, Emifit 305C, Emifit 381C	LE209-01 Extension 1	N1 Class II, N1 Class III, M2, N2, N3, M3	4000	Ü	Ü
Note 1	Includes: 1. Heavy diesel-engined vehicles over 3.5 tonnes Gross Vehicle Weight, including goods vehicles, motorcaravans, motorised horseboxes, breakdown and recovery vehicles, snow ploughs, gritters, refuse collection vehicles, road sweepers, concrete mixers, fire engines, tippers, removal lorries, and ambulances. 2. Buses and coaches with more than eight seats plus the driver's seat exceeding 5 tonnes Gross Vehicle Weight.					
Note 2	Includes: 1. Diesel-engined Vans between 1.205 tonnes unladen and 3.5 tonnes Gross Vehicle Weight 2. Diesel-engined Minibuses with more than eight seats plus the driver's seat below 5 tonnes Gross Vehicle Weight. 3. Specialist vehicles including motorised horseboxes, 4x4 light utility vehicles, pickups, camper vans, motor caravans, hearses and ambulances between 2.5 tonnes and 3.5 tonnes Gross Vehicle Weight					

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Eminox Limited Eminox CRT® System	WE08001 to WE16900, WEBC001 to WEBC400, WEDN001 to WEDN200, WEHN001 to WEHN200, WEBF001 to WEBF100, WELJ001 to WELJ100, WEF001 to WEF0050, WECM001 to WECM100, WECF001 to WECF100, WE9J001 to WE9J025 7J12, 0912, AJ12, BE12, BE14, 1212, 1214, 1512, 0908, 12AJ	LE201-02	N1 Class II, N1 Class III, M2, N2, N3, M3	4000	Ü	Ü
Eminox Limited Eminox FBC System	REBF0106, REBF0109, REBF0111, REBF0112, REBF0113, REBF0114, REBF0116, REBF0117, REBF0118, REBF0125, REBF0127, REBF0173, REBF0175, REBF0184, REBF0185, REBF0186, REBF0200, REBF0201, REBF0202, REBF0207, REBF0208, REBF0210, REBF0239	LE201-01	N1 Class II, N1 Class III, M2, N2, N3, M3	4000	Ü	Ü
GreenUrban Technologies Ltd, Green Urban ecotrap	FIL-A35, FIL-B20, FIL-B27, FIL-B35, FIL-C20, FIL-C22, FIL-C30, FIL-C35, FIL-D20, FIL-D25, FIL-D30, FIL-D35, FIL-E22, FIL-E28, FIL-E30, FIL-E35, FIL-F15, FIL-F20, FIL-F22, FIL-F25	LE154-01	N1 Class II, N1 Class III, M2, N2, N3, M3	N/A	Ü	Ü
HJS Emission technology GmbH & Co KG, CRT- M	31114, 31170, 43087, 43114, 43170, 43171, 43195, 43228, 43259, 85114, 85149, 85170, 85195, 85228, 85259	LE153 01	N1 Class II, N1 Class III, M2, N2, N3, M3	2500	Ü	Ü
HJS Emission technology GmbH & Co KG, CRT-SMF/CSMF	12012, 12018, 12027, 22038, 25018, 25027, 29038, 31054, 31065, 36054, 43038, 43054, 43065, 43080, 43081, 43102, 48072, 60110, 63065, 70110, 72102, 72132, 80110, 84132, 85065, 85080, 85081, 85102, 96102, 96132, 2x31065, 2x43065, 2x85065	LE153 02 ext 1	N1 Class II, N1 Class III, M2, N2, N3, M3	2500	Ü	Ü
HJS Emission technology GmbH & Co KG, CRT SMF-AR	SMF-AR 12, SMF-AR 18, SMF-AR 27, SMF-AR 38, SMF-AR 54, SMF-AR 81	LE153 03	N1 Class II, N1 Class III, M2, N2, N3, M3	2500	Ü	Ü
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Pirelli UK Tyres Ltd Pirelli Feelpure™ Retrofit Diesel Particulate Filter System	F6711, F7508, F7511, F7514, F1010, F1012, F1015, F1112, F1114, F1115, F1210, F1215, F1510, F6711DOC, F7508DOC, F7511DOC, F7514DOC, F1010DOC, F1012DOC, F1015DOC, F1112DOC, F1114DOC, F1115DOC, F1210DOC, F1215DOC, F1510DOC	LE155-01	N1 Class II, N1 Class III, M2, N2, N3, M3	4000	Ü	Ü
Pirelli UK Tyres Ltd Pirelli Feelpure™ Platinum Retrofit Diesel Particulate Filter System	P1010, P1012, P1112, P1114, P1210, P1215, P1510, P1512, F1010, F1012, F1112, F1114, F1210, F1215, F1510, F1512	LE155-02	N1 Class II, N1 Class III, M2, N2, N3, M3	4000	Ü	Ü
PURltech GmbH & Co. KG DPFN, DPFN +, DPFN + NC, and DPFN ++ Filter Systems	DPFN 012, DPFN 112, DPFN 114, DPFN 212, DPFN 215, DPFN 310, DPFN 312, DPFN 314, DPFN 506, DPFN 708, DPFN 712, DPFN 912	LE208-01	N1 Class II, N1 Class III, M2, N2, N3, M3	4000	Ü	Ü
PURltech GmbH & Co. KG DAS-DBS, Types A,B and C Filter Systems	DAS/DBS 012, DAS/DBS 112, DAS/DBS 114, DAS/DBS 212, DAS/DBS 213, DAS/DBS 215, DAS/DBS 506, DAS/DBS 510, DAS/DBS 512, DAS/DBS 515, DAS/DBS 708, DAS/DBS 908, DAS/DBS 912	LE208-02	N1 Class II, N1 Class III, M2, N2, N3, M4	4001	Ü	Ü
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