

## Clean Vehicle Retrofit Accreditation Scheme – Open List

**CVRAS approved companies and emission reduction systems - Version: 26 Date: 11.09.2020**

This listing contains details of companies and their systems approved under the scheme requirements, along with their contact information (where available) and the categories of vehicle to which their systems can be applied in order to make the vehicle Clean Air Zone compliant.

Company information	Technology	Product	Application status	Vehicle Category	Approved vehicle applications	
<b>Eminox Ltd</b> (Gainsborough, UK)  <a href="mailto:enquiries@eminox.com">enquiries@eminox.com</a> Tel: +44(0)1427 810088	Retrofit exhaust after-treatment system (SCRT)	Eminox SCRT® (DPF+SCR with urea Adblue)	Approved	Bus	Double Deck Buses <ul style="list-style-type: none"> <li>• Cummins ISBe 6.7 litre Euro IV &amp; V powered</li> <li>• Volvo D5F 4.8 litre Euro IV &amp; V powered</li> <li>• Volvo D9B 9.4 litre Euro IV &amp; V powered</li> <li>• Scania DC901 9.0 litre Euro III, IV and V powered</li> <li>• Volvo D7C 7.3 litre Euro III powered</li> <li>• Volvo D7E 7.1 litre Euro IV &amp; V powered</li> </ul>	Single Deck Buses <ul style="list-style-type: none"> <li>• Scania DC901 9.0 litre Euro III, IV and V powered</li> <li>• Cummins ISBe 5.9 litre Euro III powered</li> <li>• Cummins ISBe 4.5 litre Euro IV and V powered</li> <li>• Volvo D7C 7.3 litre Euro III and IV powered</li> <li>• Volvo D7E 7.1 litre Euro IV and V powered</li> <li>• Mercedes Benz OM904LA 4.25 litre Euro IV &amp; V powered (e.g. Optare Solo)</li> </ul>

	Retrofit exhaust after-treatment system	Eminox SCRT® (DPF+SCR with urea Adblue)	Approved	Refuse Collection Vehicle (RCV)	<ul style="list-style-type: none"> <li>Dennis Eagle Elite with Volvo D7C 7litre Euro V</li> <li>Mercedes Benz Econic 6.3 litre Euro V</li> </ul>	
	Retrofit exhaust after-treatment system	Eminox SCRT® (DPF+SCR with urea Adblue)	Approved	Coach	<ul style="list-style-type: none"> <li>Volvo B9R with D9B 9.4litre Euro IV and V engine</li> <li>Mercedes Benz Tourismo with MB OM457 12litre Euro V engine</li> </ul>	
	Retrofit exhaust after-treatment system	Eminox SCRT® (DPF+SCR with urea Adblue)	Approved	HGV	<ul style="list-style-type: none"> <li>Scania P- Series Construction Tipper Truck with Scania DC13 Euro V engine</li> </ul>	
<p><b>HJS Emission Technology GmbH &amp; Co KG</b> (Menden, Germany)</p> <p><i>UK Representation:</i> <b>HJS UK Ltd</b> (Bracknell)</p> <p><a href="mailto:mark.cooper@hjs.com">mark.cooper@hjs.com</a> Tel: +44(0)1344 566050</p>	Retrofit exhaust after-treatment system (SCRT)	HJS SCRT 21, 35,36,38,40, 41, 42, 44, 48, 51, 52, 56, 58, 59	Approved	Bus	<p>Double Deck Buses</p> <ul style="list-style-type: none"> <li>Cummins ISBe 6.7 litre Euro IV &amp; V powered</li> <li>Cummins ISBe 4.5 litre Euro IV &amp; V powered hybrid</li> <li>Volvo D5F 4.8 litre Euro IV &amp; V powered</li> <li>Volvo D9B 9.4litre Euro IV &amp; V powered</li> <li>Volvo D7C 7.3 litre Euro IV &amp; V (e.g. Volvo B7TL)</li> </ul>	<p>Single Deck Buses</p> <ul style="list-style-type: none"> <li>Cummins ISBe 4.5litre Euro IV &amp; V powered</li> <li>Volvo D7C/D7E 7.3/7.1litre Euro IV &amp; V powered (e.g. Volvo B7RLE)</li> <li>Volvo D7C 7.3 litre Euro III powered (e.g. Volvo B7RLE)</li> <li>Mercedes Benz OM904LA 4.25 litre Euro IV &amp; V powered (e.g. Optare Solo)</li> <li>Mercedes Benz OM457LA 12.0 litre</li> </ul>

					<ul style="list-style-type: none"> <li>• Volvo D7C 7.3 litre Euro III (e.g. Volvo B7TL)</li> <li>• Scania DC9 9 litre Euro III, IV and V powered (e.g. Scania N94UD OmniDekker)</li> <li>• Cummins ISCe 8.3 litre Euro III powered (e.g. Dennis Trident)</li> </ul>	<ul style="list-style-type: none"> <li>• Euro V powered (e.g. MB Citaro O530)</li> <li>• Mercedes Benz OM906LA 6.4 litre Euro V powered (e.g. MB Citaro O530)</li> <li>• Mercedes Benz OM926LA 7.2 litre Euro V powered (e.g. MB Citaro O530)</li> <li>• Cummins ISBe 3.9 litre Euro III powered (e.g. Dennis Dart/Enviro 200)</li> </ul>
	Retrofit exhaust after-treatment system, SCR with OEM DOC/DPF	HJS SCR02	Approved	Van	<ul style="list-style-type: none"> <li>- VW T5 Transporter with 1968cc 62kW – 103kW Euro 5 engine (including Campervan and Shuttle variants)</li> <li>- Renault Master with 2299cc 74kW – 120kW Euro 5 engine (including minibus variants)</li> <li>- Vauxhall/Opel Movano with 2299cc 74kW – 120kW Euro 5 engine (including minibus and motorhome variants)</li> <li>- Nissan NV400 with 2299ccc 74kW – 120kW Euro 5 engine (including minibus and motorhome variants)</li> <li>- Mercedes Benz Vito with 2143cc 65-165kW Euro 5 engine (including minibus and motorhome variants)</li> <li>- Mercedes Benz Viano with 2143cc 65-165kW Euro 5 engine (including minibus and motorhome variants)</li> </ul>	

	Retrofit exhaust after-treatment system, SCR with OEM DOC/DPF	HJS SCR02	Approved	Black taxi	- Mercedes Benz Vito with 2143cc 65-165kW Euro 5 engine	
	Retrofit exhaust after-treatment system, SCR with OEM DOC/DPF	HJS SCR02	Approved	Van/4x4	- Land Rover Defender 90, 110, 130 model year 2012 -2015 with Ford DT224 (Puma) 2198cc Euro 5 engine	
<b>Baumot AG</b> (Konigswinter, Germany)  <i>UK Representation:</i> <b>Baumot UK Ltd</b> (Towester)  <a href="mailto:enquiries@baumot.co.uk">enquiries@baumot.co.uk</a> Tel: +44 (0)1327 226930	Retrofit exhaust after-treatment system (SCRT)	Baumot BNOx	Approved	Bus	Double Deck Buses <ul style="list-style-type: none"> <li>• Cummins ISBe 6.7 litre Euro IV &amp; V powered</li> <li>• Scania DC9 9.3 litre Euro III, IV and V powered</li> </ul>	Single Deck Buses <ul style="list-style-type: none"> <li>• Cummins ISBe 4.5litre Euro IV &amp; V powered</li> <li>• Cummins ISBe 6.7 litre Euro IV &amp; V powered</li> <li>• Scania DC9 9.3 litre Euro III, IV and V powered</li> </ul>
	Retrofit exhaust after-treatment system (SCRT)	Baumot BNOx	Approved	Coach	<ul style="list-style-type: none"> <li>• Scania DC9 9.3 litre Euro IV &amp; V (e.g. Scania K360 chassis based series coaches, Irizar K360, Caetano Levante K360, Scania Omni Express)</li> </ul>	
<b>Proventia Oy</b> (Oulunsalo, Finland)  <i>UK Representation:</i> <b>Excalibre Technologies Ltd</b> (Gloucestershire)	Retrofit exhaust after-treatment system (SCRT)	Proventia NOxBUSTER City™	Approved	Bus	Double Deck Buses <ul style="list-style-type: none"> <li>• Cummins ISBe 4.5 litre Euro V (hybrid)</li> <li>• Volvo D5F 4.8 litre Euro V (hybrid)</li> <li>• Volvo D9B 9.4 litre</li> </ul>	Single Deck Buses <ul style="list-style-type: none"> <li>• Cummins ISBe 4.5 litre Euro IV &amp; V</li> <li>• Cummins ISBe 4.0 litre Euro III</li> <li>• Cummins ISBe 6.7</li> </ul>

<a href="mailto:sales@excalibretech.com">sales@excalibretech.com</a> Tel: +44 (0)1594 887414					Euro IV & V powered <ul style="list-style-type: none"> <li>• Cummins ISBe 6.7 litre Euro IV &amp; V</li> <li>• Volvo D7C 7.3 litre Euro III/IV powered (e.g. Volvo B7TL)</li> <li>• Volvo D7E 7.1 litre Euro IV &amp; V powered (e.g. Volvo B7TL)</li> </ul>	litre Euro IV & V <ul style="list-style-type: none"> <li>• Mercedes Benz OM906LA 6.4 litre Euro IV &amp; V (Citaro O530)</li> <li>• Mercedes Benz OM457LA 12.0 litre Euro V (e.g. MB Citaro O530)</li> <li>• Mercedes Benz OM926LA 7.2 litre Euro V (e.g. MB Citaro O530)</li> <li>• Volvo D7C 7.3 litre Euro III/IV powered (e.g. Volvo B7RLE)</li> <li>• Volvo D7E 7.1 litre Euro IV &amp; V powered (e.g. Volvo B7RLE)</li> </ul>
	Retrofit exhaust after-treatment system (SCRT)	Proventia NOxBUSTER City™	Approved	Coach	<ul style="list-style-type: none"> <li>• DAF PR265 9 litre Euro IV &amp; V (e.g. Temsa Safari HD/RD, VDL/Bova Futura, Irizar i6)</li> <li>• Scania DC13 13 litre Euro IV &amp; V (e.g. Irizar PB/Century, Scania OmniExpress, Caetano Levante)</li> </ul>	
	Retrofit exhaust after-treatment system (SCRT)	Proventia NOxBUSTER City™	Approved	Refuse Collection Vehicle (RCV)	<ul style="list-style-type: none"> <li>• Mercedes Benz Econic 6.3 litre Euro V</li> <li>• Dennis Eagle Elite II with Volvo D7C/E/F 7.1 litre Euro IV and V engine</li> </ul>	

	Retrofit exhaust after-treatment system (SCRT)	Proventia NOxBUSTER City™	Approved	HGV	<ul style="list-style-type: none"> <li>Mercedes Benz Atego 13t -15t GVW Euro IV/V/EEV</li> <li>Mercedes Benz Axor 18t GVW Euro IV/V/EEV</li> <li>Volvo FL series 12-18t GVW with Volvo D7C/E/F 7.1 litre Euro IV and V engine</li> <li>Volvo FE series 18-26t GVW with Volvo D7C/E/F 7.1 litre Euro IV and V engine</li> <li>Renault Midlum series 12-18t GVW with Volvo D7E/F 7.1 litre Euro IV and V engine</li> <li>Renault Premium series 18-26t GVW with Volvo D7E/F 7.1 litre Euro IV and V engine</li> </ul>	
<b>Cummins Engine Company Ltd</b> (Darlington, UK)  <a href="mailto:alex.waller@cummins.com">alex.waller@cummins.com</a> Tel: +44 1327 886 364	Euro VI engine re-power	Full Cummins Euro VI engine + after-treatment system	Approved	Bus	Double deck <ul style="list-style-type: none"> <li>ADL Enviro 400</li> <li>ADL Enviro 400H</li> <li>VDL DB300</li> <li>Wrightbus Eclipse Gemini</li> </ul>	Single deck <ul style="list-style-type: none"> <li>ADL Enviro 200</li> <li>ADL Enviro 300</li> <li>Optare Solo</li> <li>Wrightbus Streetlite</li> </ul>
<b>Magtec</b> (Sheffield, UK)  <a href="mailto:info@magtec.co.uk">info@magtec.co.uk</a> Tel: +44 (0)114 244 8416	EV re-power	MagTec electric vehicle drivetrain systems	Approved	Bus	Double deck <ul style="list-style-type: none"> <li>Dennis Trident</li> <li>Scania N94UD</li> <li>Scania Omnicity</li> <li>Scania Citywide</li> <li>Volvo B7TL</li> <li>Volvo B9TL</li> <li>ADL Enviro 400</li> <li>ADL Enviro 400H</li> <li>Wrightbus Eclipse Gemini</li> <li>MAN Lion</li> </ul>	Single <ul style="list-style-type: none"> <li>Dennis Dart</li> <li>Scania Omnicity</li> <li>Wrightbus Streetlite</li> <li>Optare Tempo</li> <li>Optare Versa</li> <li>Optare Solo</li> <li>Optare Metrocity</li> <li>MAN Lion</li> <li>ADL Enviro 200</li> <li>Scania Citywide</li> <li>Mercedes Benz Citaro</li> </ul>

					<ul style="list-style-type: none"> <li>• UNVI Urbis</li> <li>• AYATS Bravo City</li> </ul>	
	EV re-power	MagTec electric vehicle drivetrain systems	Approved	HGV	<ul style="list-style-type: none"> <li>• DAF LF series from 7.5t to 18t</li> <li>• Isuzu 5.5t to 13.5t</li> <li>• Iveco Eurocargo 6.5t to 18t</li> <li>• Dennis Eagle Elite 18t to 26t</li> <li>• MAN TGL 7t to 12t</li> <li>• MAN TGM 13t to 26t</li> </ul>	
	EV re-power	MagTec electric vehicle drivetrain systems	Approved	Refuse Collection Vehicle (RCV)	<ul style="list-style-type: none"> <li>• Mercedes Benz Econic</li> <li>• Dennis Eagle Elite 18t to 26t</li> </ul>	
<b>Vantage Power Ltd</b> (Greenford, UK)  <a href="mailto:general@vantage-power.com">general@vantage-power.com</a> Tel: +44(0)208 8130 850	Re-power	Vantage Power B320 Euro VI hybrid system (ft. Cummins ISBe 4.5 Euro VIc)	Application submitted and accepted  <i>Approval in progress</i>	Bus	To be advised	To be advised
<b>Vehicle Repowering Solutions Ltd (VRS)</b> (Alcester, UK)  <a href="mailto:info@vehiclerepowering.com">info@vehiclerepowering.com</a> Tel: +44 (0)203 026 2150	Re-power and LPG conversion	GasCab	Approved	Taxi (Black Cab)	Conversion of TX1, TX2 and TX4	
<b>Millbrook Special Vehicles Ltd</b> (Millbrook, Bedford, UK)	Diesel engine re-power	Full Cummins ISBe 6.7 litre	Approved	Bus	ADL Enviro 400 (All variants) ADL Enviro 400H Wright Eclipse Gemini (All variants)	

<p><a href="mailto:info@millbrooksv.co.uk">info@millbrooksv.co.uk</a> Tel: +44 (0)1525 404242</p> <p><a href="http://www.millbrookspecialvehicles.co.uk">www.millbrookspecialvehicles.co.uk</a></p>		<p>Euro VI engine + after-treatment system</p>			<p>Volvo B9TL New Routemaster NB4L Scania ADL Enviro 400S Scania N Series MCV EvoSeti MCV DD103</p>	
<p><b>Driveline Emissions Technologies Ltd</b> (Penrith, Cumbria UK)</p> <p><a href="mailto:customerservices@drivelineemissions.com">customerservices@drivelineemissions.com</a> Tel: +44 (0)1768 210 111</p> <p><a href="http://www.drivelineemissions.com">www.drivelineemissions.com</a></p>	<p>Retrofit exhaust after-treatment system (SCRT)</p>	<p>ecoNOxt system</p>	<p>Approved</p>	<p>Bus</p>	<p>Double Deck</p> <ul style="list-style-type: none"> <li>• Volvo D7C 7.3 litre Euro III (Volvo B7TL)</li> <li>• Cummins ISCe 8.3 litre Euro III (e.g. Dennis Trident)</li> </ul>	<p>Single deck</p> <ul style="list-style-type: none"> <li>• Volvo D7C 7.3 litre Euro III (Volvo B7RLE)</li> </ul>
<p><b>Astra Vehicle Technologies Ltd</b> (Ellesmere Port, Cheshire, UK)</p> <p><a href="mailto:sales@astra-vt.com">sales@astra-vt.com</a> Tel: +44(0)151 348 5777</p> <p><a href="http://www.astra-vt.com">www.astra-vt.com</a></p>	<p>EV re-power</p>	<p>EMOSS full electric drive train system</p>	<p>Approved</p>	<p>HGV</p>	<p>MAN 3.5t – 45t GVW DAF 3.5t – 45t GVW IVECO 3.5t – 45t GVW MAN TGS (34t)</p>	