

## Clean Vehicle Retrofit Accreditation Scheme – Open List

**CVRAS approved companies and emission reduction systems - Version: 45 Date: 01.02.2022**

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	
<p><b>Eminox Ltd</b> (Gainsborough, UK)</p> <p><a href="mailto:enquiries@eminox.com">enquiries@eminox.com</a> Tel: +44(0)1427 810088</p> <p><a href="http://www.eminox.com">www.eminox.com</a></p>	Retrofit exhaust after-treatment system (SCRT)	Eminox SCRT® (DPF+SCR with urea Adblue)	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>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>	<p>Single Deck Buses</p> <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>

					<ul style="list-style-type: none"> <li>Mercedes Benz OM906 6.374 litre Euro IV &amp; V (e.g. Mercedes Benz Citaro O530)</li> <li>Cummins ISBe6 6.7 litre Euro IV and V (eg ADL Enviro 200)</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> <li>Setra S415/416 GT and 415/416/417GT-HD with Mercedes Benz OM457 12 litre Euro V engine</li> <li>Volvo B12R, B12M with Volvo D12 12.13 litre Euro IV and V engine</li> <li>Volvo B7R with Volvo D7E 7.1 litre Euro IV and 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> <li>Volvo FMX series with Volvo D13C 13 litre Euro IV, V &amp; EEV engine</li> <li>Volvo FM Series with Volvo D13C 13 litre Euro IV, V &amp; EEV engine</li> </ul>

					<ul style="list-style-type: none"> <li>• Volvo FH series with Volvo D13C 13 litre Euro IV, V &amp; EEV engine</li> <li>• Renault Premium series with Renault DXi13 (Volvo D13C) 13 litre Euro IV, V and EEV engine</li> <li>• Renault Magnum series with Renault DXi13 (Volvo D13C) 13 litre Euro IV, V &amp; EEV engine</li> <li>• Renault Kerax series with Renault DXi13 (Volvo D13C) 13 litre Euro IV, V and EEV engine</li> </ul>	
<p><b>HJS Emission Technology GmbH &amp; Co KG</b> (Menden, Germany)</p> <p><a href="http://www.hjs.com">www.hjs.com</a></p> <p><i>UK Representation:</i> <b>Emission Engineering Ltd</b> Unit 11, Rushy Platt Industrial Estate, Caen View, Swindon SN5 8WQ</p> <p><a href="mailto:mark.cooper@hjs.com">mark.cooper@hjs.com</a> Tel: +44(0)1344 566050</p> <p><i>CVRAS Approved HJS Distributor:</i></p> <p><b>Cybrand AEC Limited</b> Thornton Science Park Ince</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><b>Double Deck Buses</b></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> <li>• Volvo D7C 7.3 litre Euro III (e.g. Volvo B7TL)</li> <li>• Scania DC9 9 litre</li> </ul>	<p><b>Single Deck Buses</b></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 Euro V powered (e.g. MB Citaro O530)</li> <li>• Mercedes Benz OM906LA 6.4 litre</li> </ul>

<p>Chester CH2 4NU</p> <p><a href="mailto:sales@cybrand.co.uk">sales@cybrand.co.uk</a> Tel: +44(0)1244 567100</p> <p><a href="http://www.cybrand.co.uk">www.cybrand.co.uk</a></p> <p>Note: Cybrand AEC Limited are approved to supply the HJS approved products listed</p>					<p>Euro III, IV and V powered (e.g. Scania N94UD OmniDekker)</p> <ul style="list-style-type: none"> <li>Cummins ISCe 8.3 litre Euro III powered (e.g. Dennis Trident)</li> </ul>	<p>Euro V powered (e.g. MB Citaro O530)</p> <ul style="list-style-type: none"> <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 (SCRT)	HJS SCRT 58, 63,71,73	Approved	Coach	<ul style="list-style-type: none"> <li>Setra S415/416 GT and 415/416/417GT-HD with Mercedes Benz OM457 12 litre Euro V engine</li> <li>Mercedes Benz Tourismo with Mercedes Benz OM457 12 litre Euro V engine</li> <li>Volvo D13 12.777 litre Euro V and EEV (eg Volvo B13R)</li> <li>Volvo D12 12.13 litre Euro IV, V and EEV (eg Volvo B12R)</li> <li>Volvo D11 10.84 litre Euro IV, V and EEV (eg Volvo B11R)</li> <li>Volvo D9 9.364 litre Euro IV, V and EEV (eg Volvo B9R)</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 – 132kW 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</li> </ul>	

					<ul style="list-style-type: none"> <li>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 SCR04	Approved	Van (N <sub>1</sub> )	- Mercedes Benz Sprinter (up to 3.5t) with 2143cc 70-120kW Euro 5 engine (including minibus and motorhome variants)
	Retrofit exhaust after-treatment system, SCR with OEM DOC/DPF	HJS SCR04	Approved	HGV (N <sub>2</sub> )	- Mercedes Benz Sprinter (up to 6t) with 2143cc 70-120kW Euro 5 engine (including minibus and motorhome variants)
	Retrofit exhaust after-treatment system, SCR with OEM DOC/DPF	HJS SCR04	Approved	Bus (M <sub>2</sub> )	- Mercedes Benz Sprinter Transfer (up to 6t) with 2143cc 70-120kW Euro 5 engine

	Retrofit exhaust after-treatment system, SCR with OEM DOC/DPF	HJS SCR02	Approved	Black taxi	<ul style="list-style-type: none"> <li>- Mercedes Benz Vito with 2143cc 65-165kW Euro 5 engine</li> <li>- Peugeot e7 taxi with 1997cc 94-120kW Euro 5 engine</li> <li>- Citroen Dispatch Combi with 1997cc 94-120kW Euro 5 engine</li> <li>- Fiat Scudo Combi with 1997cc 94-120kW Euro 5 engine</li> <li>- Toyota Proace with 1997cc 94-120kW Euro 5 engine</li> </ul>	
	Retrofit exhaust after-treatment system, SCR with OEM DOC/DPF	HJS SCR05	Approved	Black taxi	<ul style="list-style-type: none"> <li>- LTI London Taxi TX4 with VM Motori 2499cc 74kW Euro 5 engine</li> </ul>	
	Retrofit exhaust after-treatment system, SCR with OEM DOC/DPF	HJS SCR02	Approved	Van/4x4	<ul style="list-style-type: none"> <li>- Land Rover Defender 90, 110, 130 model year 2012 -2015 with Ford DT224 (Puma) 2198cc Euro 5 engine</li> </ul>	
<p><b>Proventia Oy</b> (Oulunsalo, Finland)</p> <p><a href="http://www.proventia.com">www.proventia.com</a></p> <p><i>UK Representation:</i> <b>Excalibre Technologies Ltd</b></p>	Retrofit exhaust after-treatment system (SCRT)	Proventia NOxBUSTER City™	Approved	Bus	<p>Double Deck Buses</p> <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 Euro IV &amp; V</li> </ul>	<p>Single Deck Buses</p> <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 litre Euro IV &amp; V</li> </ul>

<p>(Gloucestershire)</p> <p><a href="mailto:sales@excalibrettech.com">sales@excalibrettech.com</a> Tel: +44 (0)1594 887414</p> <p><a href="http://www.excalibrettech.com">www.excalibrettech.com</a></p>					<p>powered</p> <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>	<ul style="list-style-type: none"> <li>• Mercedes Benz OM906LA 6.4 litre Euro IV &amp; V (eg MB Citaro O530)</li> <li>• Mercedes Benz OM457LA 12.0 litre Euro V (eg MB Citaro O530)</li> <li>• Mercedes Benz OM926LA 7.2 litre Euro V (eg MB Citaro O530)</li> <li>• Volvo D7C 7.3 litre Euro III/IV powered (eg Volvo B7RLE)</li> <li>• Volvo D7E 7.1 litre Euro IV &amp; V powered (eg Volvo B7RLE)</li> <li>• Mercedes Benz OM904 4.25 litre Euro IV &amp; V (eg Optare Solo)</li> </ul>
	<p>Retrofit exhaust after-treatment system (SCRT)</p>	<p>Proventia NOxBUSTER City™</p>	<p>Approved</p>	<p>Coach</p>	<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>• Volvo D13 12.777 litre Euro V and EEV (eg Volvo B13R)</li> <li>• Volvo D12 12.13 litre Euro IV, V and EEV (eg Volvo B12R)</li> </ul>	

					<ul style="list-style-type: none"> <li>• Volvo D11 10.84 litre Euro IV, V and EEV (eg Volvo B11R)</li> <li>• Volvo D9 9.364 litre Euro IV, V and EEV (eg Volvo B9R)</li> <li>• DAF MX13 12.902 litre Euro V and EEV (eg Irizar i6)</li> <li>• Scania DC9 8.867 litre Euro IV (eg Irizar PB/Century, Scania OmniExpress, Caetano Levante)</li> <li>• Scania DC9/DC09 9.29 litre Euro V and EEV (eg Irizar PB/Century, Scania OmniExpress, Caetano Levante)</li> <li>• Scania DC12 11.705 litre Euro IV (eg Irizar PB/Century, Scania OmniExpress, Caetano Levante)</li> <li>• Scania DC13 12.742 litre Euro V (eg Irizar PB/Century, Scania OmniExpress, Caetano Levante)</li> <li>• Volvo D7 7.284 litre Euro III and IV (eg Volvo B7R)</li> <li>• Volvo D7 7.146 litre Euro IV, V and EEV (eg Volvo B7R)</li> <li>• Cummins ISBe6 6.693 litre Euro IV, V and EEV (eg King Long XMQ6900)</li> <li>• Mercedes Benz Integro/Travego/Tourismo with Mercedes Benz OM457 12 litre Euro IV, V and EEV engine</li> <li>• Setra S415/416 GT and 415/416/417GT-HD with Mercedes Benz OM457 12 litre Euro V engine</li> </ul>
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	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 Atego 7.5t -12t GVW Euro IV/V/EEV</li> <li>Mercedes Benz Unimog series with Mercedes OM904 4.25 litre Euro IV and V</li> <li>Mercedes Benz Unimog series with Mercedes OM906 6.4 litre Euro IV and V</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> <li>Volvo FMX series with Volvo D13C 13 litre Euro IV, V &amp; EEV engine</li> <li>Volvo FM Series with Volvo D13C 13 litre Euro IV, V &amp; EEV engine</li> </ul>

					<ul style="list-style-type: none"> <li>• Volvo FH series with Volvo D13C 13 litre Euro IV, V &amp; EEV engine</li> <li>• Volvo FH series with Volvo D16C 16 litre Euro IV, V and EEV engine</li> <li>• Renault Premium series with Renault DXi13 (Volvo D13C) 13 litre Euro IV, V and EEV engine</li> <li>• Renault Magnum series with Renault DXi13 (Volvo D13C) 13 litre Euro IV, V &amp; EEV engine</li> <li>• Renault Kerax series with Renault DXi13 (Volvo D13C) 13 litre Euro IV, V and EEV engine</li> <li>• DAF CF75 series 18-44t with DAF PR 9186cc Euro iv, V &amp; EEV engine</li> <li>• DAF LF55 series 12t-21t with DAF/Cummins 6693cc Euro IV, V &amp; EEV engine</li> <li>• DAF CF65 series 18-44t with DAF/Cummins 6693cc Euro IV, V and EEV engine</li> <li>• DAF CF85 series 18-44t with DAF MX 12902cc Euro IV, V and EEV engine</li> <li>• DAF XF105 series 18-44t with DAF MX 12902cc Euro IV, V and EEV engine</li> </ul>	
<p><b>Cummins Engine Company Ltd</b> (Darlington, UK)</p> <p>Jake Harling, UK Business Development Manager <a href="mailto:Jacob.harling@cummins.com">Jacob.harling@cummins.com</a> Tel: +44(0)7970 382 058</p>	Euro VI engine re-power	Full Cummins Euro VI engine + after-treatment system	Approved	Bus	<p>Double deck</p> <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>	<p>Single deck</p> <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  <a href="http://www.magtec.co.uk">www.magtec.co.uk</a>	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> <li>• UNVI Urbis</li> <li>• AYATS Bravo City</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>
	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>Vehicle Repowering Solutions Ltd (VRS)</b> (Alcester, UK)	Re-power and LPG conversion	GasCab	Approved	Taxi (Black Cab)	Conversion of TX1, TX2 and TX4	

<p><a href="mailto:info@vehiclerepowering.com">info@vehiclerepowering.com</a> Tel: +44 (0)203 026 2150</p> <p><a href="http://www.vehiclerepoweringsolutions.com">www.vehiclerepoweringsolutions.com</a></p>					
<p><b>Millbrook Special Vehicles Ltd</b> (Millbrook, Bedford, UK)</p> <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>Diesel engine re-power</p>	<p>Full Cummins ISBe 6.7 litre Euro VI engine + after-treatment system</p>	<p>Approved</p>	<p>Bus</p>	<p>ADL Enviro 400 (All variants) ADL Enviro 400H Wright Eclipse Gemini (All variants) 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></p> <p>Tel: +44 (0)1768 210 111</p> <p><a href="http://www.drivelineemissions.com">www.drivelineemissions.com</a></p>	Retrofit exhaust after-treatment system (SCRT)	ecoNOxt system	Approved	Bus	<p>Double Deck</p> <ul style="list-style-type: none"> <li>Volvo D7C 7.3 litre Euro III (eg Volvo B7TL)</li> <li>Cummins ISCe 8.3 litre Euro III (eg Dennis Trident)</li> </ul>	<p>Single deck</p> <ul style="list-style-type: none"> <li>Volvo D7C 7.3 litre Euro III (eg Volvo B7RLE)</li> </ul>
	Retrofit exhaust after-treatment system (SCRT)	ecoNOxt system	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>Volvo D9 9.364 litre Euro IV and V engine (eg Volvo B9R 9700 series)</li> <li>Volvo D12 12.13 litre Euro IV, V and EEV (eg Volvo B12R)</li> <li>Volvo D11 10.84 litre Euro IV, V and EEV (eg Volvo B11R)</li> <li>Volvo D13 12.777 litre Euro IV and V engine (eg Volvo B13R)</li> <li>DAF MX13 12.902 litre Euro V and EEV (eg Irizar i6)</li> <li>Scania DC13 12.7 litre Euro IV and V engine (eg Caetano Levante)</li> <li>Scania DC12 12 litre Euro IV and V engine (eg Caetano Levante)</li> <li>Cummins ISL 8.9 litre Euro IV and V engine (eg King Long XMQ)</li> <li>MAN D2676 12.4 litre Euro IV and V engine (eg Van Hool T917)</li> </ul>	