



Vehicle
Certification
Agency

AES/BES Applications Webinar

04 July 2024



Slido.com

#3579144



Agenda

- 1 Introductions & Domestics
- 2 Policy Refresher
- 3 VCA Portal Demonstration
- 4 Questions & Answers



Introductions & Domestics



Speaker Introductions

- ▶ Pete Housden-Rowe – Head of Regulatory & Technology Group
 - ▶ Technical policy owner for this subject area
- ▶ Craig Stanley – Propulsion Technical Specialist
 - ▶ Technical lead for AES/BES document reviews
- ▶ Steph Wigmore – IT Training Consultant
 - ▶ Lead trainer for new VCA digital systems and processes



Webinar Domestics

- ▶ Q&A will be run via Slido
- ▶ Meeting chat is disabled – please use Slido to notify of any problems during the webinar
- ▶ Microphones are muted for all participants by default – we can unmute during Q&A
- ▶ Webinar is not being recorded – slides will be distributed, and separate training material uploaded following webinar

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Policy Refresher



The Basics

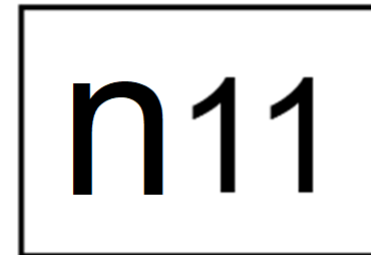
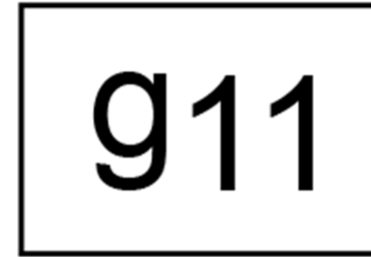
- ▶ AES/BES – Auxiliary emissions strategy / Base emissions strategy
- ▶ E/FDP – Extended/Formal documentation package
- ▶ Emissions strategies define how the powertrain operates and is modulated to control performance and emissions under various operating conditions
- ▶ Emissions strategy documentation must be provided as part of emissions type approval applications under:
 - ▶ 715/2007
 - ▶ 595/2009
 - ▶ R83.08
 - ▶ R49.07





Approval Schemes

- ▶ VCA operate within four different type approval schemes
 - ▶ GB Type Approval
 - ▶ UNECE Type Approval
 - ▶ UK(NI) Type Approval
 - ▶ EU Type Approval
- ▶ Key difference in this subject area is whether working with VCA as a Technical Service, or applying directly to VCA as the Approval Authority
- ▶ If applying for UN, UK(NI) or EU type approvals you will be working with VCA as a Technical Service
- ▶ If applying for GB type approval, you may be working with VCA as a Technical Service, or applying directly to the Approval Authority



Vehicle Certification
Agency Europe



Applications using VCA as a Technical Service

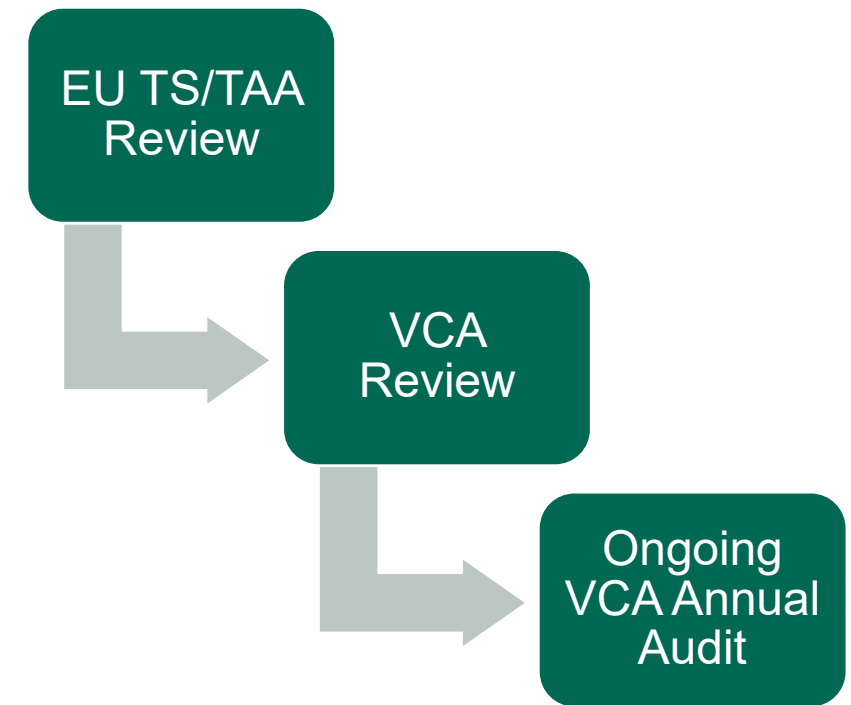
- ▶ When applying for emissions type approvals under any approval scheme and working with VCA's Technical Service, each AES/BES document submitted is subject to an in-depth review
- ▶ This process generally involves several days of technical review, followed by queries sent back to manufacturer for follow up information or clarifications
- ▶ Extensive and robust technical checks, independent of any work performed by other Technical Services or Approval Authorities





GB Scheme applications direct to VCA Approval Authority

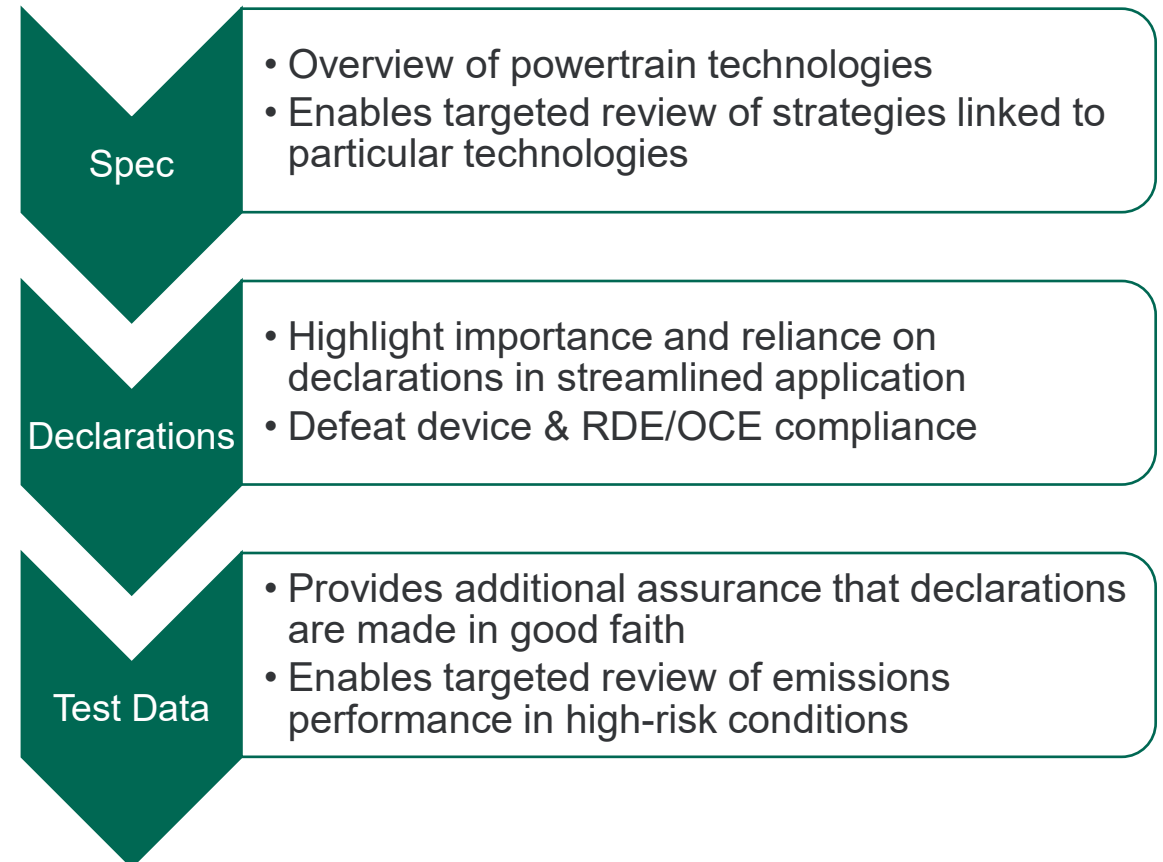
- ▶ Volume of GB type approval applications necessitates a different approach to VCA Technical Service applications
- ▶ Still a need to review AES/BES documentation for every approval submitted as per type approval legislation
- ▶ Streamlined application process relies on documents having been approved by an EU Technical Service or Approval Authority, alongside provision of up front summary information relating to document/application
- ▶ This enables a quicker, more focused check on particular risk items at time of approval application for quicker processing
- ▶ Streamlined application process is balanced by annual audit per manufacturer to review wider controls and processes, and provide time for more in-depth review





Preliminary Information Report for GB applications

- ▶ Up front summary information provided by applicant to enable quicker, targeted review of applications by technical specialists
- ▶ Comprises of:
 - ▶ Powertrain specifications
 - ▶ Compliance declarations
 - ▶ Sample test data
- ▶ Required for both light and heavy-duty emissions applications, though information differs slightly between the two





Updates to existing AES/BES documents (all schemes)



New process for notification of minor administrative or non-emissions critical changes



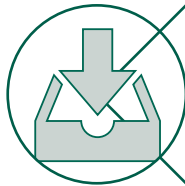
Records can be updated to capture the latest version of a document without the need for technical review



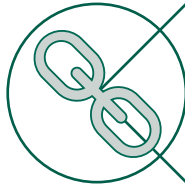
Applications of this sort will be reviewed and rejected in cases where new technical assessment is deemed necessary



Linking Type Approval Applications to AES/BES Documents (all schemes)



When making type approval applications for relevant subjects (Euro 6d/e, VI-D/E emissions approvals), a task will be generated in the VCA Portal for 'AES/BES Clearance Required'



This task will require manufacturers to identify the AES/BES document associated with a given type approval application to speed up processing of the approval following submission to VCA



When completing the task, manufacturers will be able to select from a list of their current active AES/BES documents, as identified by an auto-generated 'validation number' and project name



The task is automatically generated based on the legislation selected as part of the type approval application, so there will be cases where a task is generated but there is no AES/BES document to select. More details in the FAQs document distributed alongside this presentation, but in these cases please contact type.approval@vca.gov.uk who will be able to bypass the task and issue the approval



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VCA Portal – AES BES Application

July 2024

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Scope

Accessing the VCA Digital Service

Applying for an AES BES Assessment

- New Application
- Update to Existing AES BES

Finding your application details and Validation Number

AES BES Tasks

- Additional Impact Data Required
- AES BES Clearance Request for a Type Approval application

Confirmation of Successful Assessment



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Accessing the VCA Digital Portal


You can now submit type approval applications and enquires for all schemes through our self-service portal.

[Click here to register for an account or login to the portal to apply for GB, UKNI or UNECE Type Approval.](#)

[VCA Portal](#) | [About Us](#) | [Contact Us](#) | [Complaints and Appeals](#) | [Cookies](#) | [Publications](#)
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Font size: [A](#) [A](#) [A](#)

 Vehicle Certification Agency

What kind of vehicle? 

Welcome to the Vehicle Certification Agency

VCA is the designated UK Vehicle Type Approval authority

Search VCA



Type
Approval

Conformity of
Production (CoP)

Connected and Automated
Vehicles

Other
Certification




Dangerous
Goods

Fuel Consumption
and CO₂

Vehicle
Importing

VCA Europe
S.r.l.

On this page you can:

-  Register your organisation for a portal account for the first time
-  Login to the portal to review the status of an existing application
-  Login to the portal to submit a new application for GB, UKNI, or UNECE Type Approval(s) and/or Provisional Type Approval(s).

[Portal Sign-in](#)[Portal Registration](#)[Portal Guidance](#)[Using the VCA Portal – A quick guide](#) (Last updated 4 March 2024)[Registering for a VCA Portal Account – A quick guide](#) (Last updated 5 February 2024)[VCA Portal Webinar FAQs](#) (Last updated 27 February 2024)

For further information:

[VCA Portal – Demonstration video](#)[Requesting and Creating a Portal Sign In – Demonstration video](#)[Join a VCA Portal Webinar](#) (Last updated 21 March 2024)[Type Approval Information](#)[GB Type Approval Information](#)[Do you have a question?](#)

On this page you can:

- Register your organisation for a portal account for the first time
- Login to the portal to review the status of an existing application
- Login to the portal to submit a new application for GB, UKNI, or UNECE Type Approval(s) and/or Provisional Type Approval(s).

[Portal Sign-in](#)[Portal Registration](#)[Portal Guidance](#)

Use portal registration to:

- Apply for a VCA portal account for your organisation for the first time (registration is required for each invoicing account)
- If your supplied details are confirmed and accepted, you will receive an email notification to the supplied email address which applied for the account. This will provide an invite code for you to continue with your registration.

For further information:

- 📺 [Requesting and Creating a Portal Sign In – Demonstration video](#)

[Portal Registration](#)[Type Approval Information](#)[GB Type Approval Information](#)

On this page you can:

- Register your organisation for a portal account for the first time
- Login to the portal to review the status of an existing application
- Login to the portal to submit a new application for GB, UKNI, or UNECE Type Approval(s) and/or Provisional Type Approval(s).

Portal Sign-in

Portal Registration

Portal Guidance

Use portal sign-in to:

- Apply for GB, UKNI, or UNECE Type Approval(s) and/or Provisional Type Approval(s).
- Review the status of your organisation's existing Type Approval and Provisional Type Approval application(s)

For further information:

 [VCA Portal – Demonstration video](#)

Portal Sign-in

Type Approval Information



GB Type Approval Information



Do you have a question?



Do you need support?



[Sign in](#)[Redeem invitation](#)

Sign in with a local account

Sign in with an external account

Email

* Password

☐

Remember me?

[Azure AD](#)[Sign in](#)[Forgot your password?](#)[Privacy and Cookies](#) [Built by the Vehicle Certification Agency](#)**OGL** All content is available under the [Open Government Licence v3.0](#), except where otherwise stated

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BETA This is a new service – your [feedback](#) will help us to improve it.

Welcome to the Vehicle Certification Agency self-serve portal

[My tasks](#)

[My document actions](#)

[My applications](#)

[Invoicing accounts](#)

[My details](#)

[My addresses](#)

Submit an application

[Type Approval application](#)

[AES BES Assessment application](#)

[Dangerous Goods application](#)





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Add Additional User to Portal Account

**BETA**This is a new service – your [feedback](#) will help us to improve it.

Welcome to the Vehicle Certification Agency self-serve portal

[My tasks](#)[My document actions](#)[My applications](#)[Invoicing accounts](#)[My details](#)[My addresses](#)

Submit an application

[Type Approval application](#)[AES BES Assessment application](#)[Dangerous Goods application](#)



BETA

This is a new service – your [feedback](#) will help us to improve it.

Invoicing accounts

Add invoicing account

[Account name](#) ↑

[Currency](#)

[Status](#)

[Smith & Co](#)

British Pound

ACTIVE

[The Spectacle Ltd](#)

euro

ACTIVE

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Invoicing account



Please note that any user added to this account will have access to all information on the portal; and be able to add and remove other users as well.

Account name

Smith & Co

Address

34 Bristol Road Another Street Something else
Bristol England BS14 0PT
United Kingdom

Should you require a Primary Contact change, please contact VCA.

Primary contact

Lionel Smith

Account users

[Name](#)

[Email](#)

There are no records to display.

[Add new user](#)

Invoicing account

Add new user

! Please note that the Primary Contact for this account will be notified of your changes.

First name

Last name

Email address

Add new user

Add new user

Invoicing account

! Please note that any user added to this account will have access to all information on the portal; and be able to add and remove other users as well.

Account name

Smith & Co

Address

34 Bristol Road Another Street Something else
Bristol England BS14 0PT
United Kingdom

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Primary contact

Lionel Smith

Account users

[Name](#)

[Email](#)

There are no records to display.

Add new user

Invoicing account

! Please note that any user added to this account will have access to all information on the portal; and be able to add and remove other users as well.

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Address

34 Bristol Road Another Street Something else
Bristol England BS14 0PT
United Kingdom

Should you require a Primary Contact change, please contact VCA.

Primary contact

Lionel Smith

Account users

Name

Email

Mark Applegate

trainstlw1@gmail.com



Add new user



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AES BES Assessment Application

**BETA**This is a new service – your [feedback](#) will help us to improve it.

Welcome to the Vehicle Certification Agency self-serve portal

[My tasks](#)[My document actions](#)[My applications](#)[Invoicing accounts](#)[My details](#)[My addresses](#)

Submit an application

[Type Approval application](#)[AES BES Assessment application](#)[Dangerous Goods application](#)

**BETA**This is a new service – your [feedback](#) will help us to improve it.

AES BES Assessment application

Step 1 – General details


Project name

Please create a unique meaningful reference. The order will be displayed using this reference on the portal; and can be used in communication with VCA

Applicant's name

Lionel Smith

Should you require any help, please contact: aes.bes@vca.gov.uk

**Continue**

**BETA**This is a new service – your [feedback](#) will help us to improve it.[< Back](#)

AES BES Assessment application

Step 2 – Invoicing details

Invoicing account

[Add a new invoicing account](#)

Purchase order number required on invoice?

☐

Yes

☒

No

[Continue](#)

Lookup records

Choose one record and click Select to continue

☒ Account Name ↑☐ Smith & Co☐ The Spectacle LtdAccount Code

DSMITH23

DSPECT5

Currency

British Pound

euro

Select

Cancel

Remove value

Continue

Lookup records

Choose one record and click Select to continue

✓ Account Name ↑Account CodeCurrency☒ Smith & Co

DSMITH23

British Pound

☐ The Spectacle Ltd

DSPECT5

euro

Select

Cancel

Remove value

Continue

AES BES Assessment application

Step 2 – Invoicing details

Invoicing account

Smith & Co

[Add a new invoicing account](#)

Invoicing account name

Smith & Co

Invoicing account address

34 Bristol Road Another Street Something else
Bristol England BS14 0PT
United Kingdom

Invoice account contact name

Lionel Smith

Purchase order number required on invoice?

☐

Yes

☒

No

Continue

Step 2 – Invoicing details

Invoicing account

[Add a new invoicing account](#)

Invoicing account name

Smith & Co

Invoicing account address

34 Bristol Road Another Street Something else
Bristol England BS14 0PT
United Kingdom

Invoice account contact name

Lionel Smith

Purchase order number required on invoice?



Yes



No

Please enter purchase order number if available (optional)

Continue

BETA This is a new service – your [feedback](#) will help us to improve it.

< [Back](#)

AES BES Assessment application

Step 3.1.1 – Required service

Which Approval Scheme are you applying for?

Select ▼

Product requested

Select ▼

Has the **Extended Documentation Package** associated with this application been reviewed and approved by VCA as part of another approval application?

☐ Yes ☐ No

This application covers the following emissions approval types

Separate types by comma

**BETA**This is a new service – your [feedback](#) will help us to improve it.[< Back](#)

AES BES Assessment application

Step 3.1.1 – Required service

Which Approval Scheme are you applying for?

Select

Select

EU

GB

UKNI

UNECE

Has this application been reviewed and approved by VCA as part of another approval application?

☐

Yes

☐

No

This application covers the following emissions approval types

Separate types by comma



Vehicle
Certification
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GB Scheme

**BETA**This is a new service – your [feedback](#) will help us to improve it.[< Back](#)

AES BES Assessment application

Step 3.1.1 – Required service

Which Approval Scheme are you applying for?

GB

Product requested

Select

Has the **Extended Documentation Package** associated with this application been reviewed and approved by VCA as part of another approval application?

☐

Yes

☐

No

This application covers the following emissions approval types

Separate types by comma

**BETA**This is a new service – your [feedback](#) will help us to improve it.[< Back](#)

AES BES Assessment application

Step 3.1.1 – Required service

Which Approval Scheme are you applying for?

GB

Product requested

Select

Select

New assessment

Update to existing AES BES (for non-emissions critical changes)

approval application:

☐

Yes

☐

No

This application covers the following emissions approval types

Separate types by comma



Vehicle
Certification
Agency



vca business transformation

New Assessment

**BETA**This is a new service – your [feedback](#) will help us to improve it.< [Back](#)

AES BES Assessment application

Step 3.1.1 – Required service

Which Approval Scheme are you applying for?

GB

Product requested

New assessment

Has the Extended Documentation Package associated with this application been reviewed and approved by VCA as part of another approval application?

☐

Yes

☐

No

Does this application relate to an in-progress GB type approval application?

☐

Yes

☐

No

This application covers the following emissions approval types

Separate types by comma

**BETA**This is a new service – your [feedback](#) will help us to improve it.[< Back](#)

AES BES Assessment application

Step 3.1.1 – Required service

Which Approval Scheme are you applying for?

GB

Product requested

New assessment

Has the Extended Documentation Package associated with this application been reviewed and approved by VCA as part of another approval application?

☐

Yes

☐

No

Does this application relate to an in-progress GB type approval application?

☐

Yes

☐

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Separate types by comma

**BETA**This is a new service – your [feedback](#) will help us to improve it.[< Back](#)

AES BES Assessment application

Step 3.1.1 – Required service

Which Approval Scheme are you applying for?

GB

Product requested

New assessment

Has the **Extended Documentation Package** associated with this application been reviewed and approved by VCA as part of another approval application?

☐

Yes

☒

No

Does this application relate to an in-progress GB type approval application?

☐

Yes

☐

No

This application covers the following emissions approval types

Separate types by comma

**BETA**This is a new service – your [feedback](#) will help us to improve it.[< Back](#)

AES BES Assessment application

Step 3.1.1 – Required service

Which Approval Scheme are you applying for?

GB

Product requested

New assessment

Has the **Extended Documentation Package** associated with this application been reviewed and approved by VCA as part of another approval application?



Yes



No

Please enter the VCA work order number (or job number)

Does this application relate to an in-progress GB type approval application?



Yes



No

**BETA**This is a new service – your [feedback](#) will help us to improve it.[< Back](#)

AES BES Assessment application

Step 3.1.1 – Required service

Which Approval Scheme are you applying for?

GB

Product requested

New assessment

Has the **Extended Documentation Package** associated with this application been reviewed and approved by VCA as part of another approval application?

☒

Yes

☐

No

Please enter the VCA work order number (or job number)

VCA005678

Does this application relate to an in-progress GB type approval application?

☐

Yes

☐

No

**BETA**This is a new service – your [feedback](#) will help us to improve it.< [Back](#)

AES BES Assessment application

Step 3.1.1 – Required service

Which Approval Scheme are you applying for?

GB

Product requested

New assessment

Has the **Extended Documentation Package** associated with this application been reviewed and approved by VCA as part of another approval application?

☐

Yes

☒

No

Does this application relate to an in-progress GB type approval application?

☐

Yes

☐

No

This application covers the following emissions approval types

Separate types by comma

**BETA**This is a new service – your [feedback](#) will help us to improve it.< [Back](#)

AES BES Assessment application

Step 3.1.1 – Required service

Which Approval Scheme are you applying for?

GB

Product requested

New assessment

Has the **Extended Documentation Package** associated with this application been reviewed and approved by VCA as part of another approval application?

☐

Yes

☒

No

Does this application relate to an in-progress GB type approval application?

☐

Yes

☒

No

This application covers the following emissions approval types

Separate types by comma

**BETA**This is a new service – your [feedback](#) will help us to improve it.[< Back](#)

AES BES Assessment application

Step 3.1.1 – Required service

Which Approval Scheme are you applying for?

GB

Product requested

New assessment

Has the **Extended Documentation Package** associated with this application been reviewed and approved by VCA as part of another approval application?

☐

Yes

☒

No

Does this application relate to an in-progress GB type approval application?

☒

Yes

☐

No

This application covers the following emissions approval types

Separate types by comma

Step 3.1.1 – Required service

Which Approval Scheme are you applying for?

GB

Product requested

New assessment

Has the Extended Documentation Package associated with this application been reviewed and approved by VCA as part of another approval application?

☐

Yes

☒

No

Does this application relate to an in-progress GB type approval application?

☒

Yes

☐

No

This application covers the following emissions approval types

Separate types by comma

Continue

Step 3.1.1 – Required service

Which Approval Scheme are you applying for?

GB

Product requested

New assessment

Has the Extended Documentation Package associated with this application been reviewed and approved by VCA as part of another approval application?

☐

Yes

☒

No

Does this application relate to an in-progress GB type approval application?

☒

Yes

☐

No

This application covers the following emissions approval types

Separate types by comma

IP-12345678-SDL-1, IP-87654321-SDL-1

Continue

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AES BES Assessment application

Step 3.1.2 – Required service

Related GB Type Approval work orders

[Add GB Type Approval work orders](#)[Work order number](#)[Type](#)[Order status](#)

There are no records to display.

[Continue](#)

x

Selected work orders	
	▲
	▼

▲ ▼

Cancel



Add GB Type Approval work orders

✓ Work order number ↓	Type	Order status
<input checked="" type="checkbox"/> VCA003620-1	TEST	Technical Service Review

Selected work orders

VCA003620-1✕

Add work orders

Cancel

Continue

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AES BES Assessment application

Step 3.1.2 – Required service

Related GB Type Approval work orders

[Add GB Type Approval work orders](#)Work order numberTypeOrder status

VCA003620-1

TEST

Technical Service
Review[Continue](#)

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AES BES Assessment application


Step 3.2 – GB Approval Preliminary Information Report (PIR)

Guidance Notes

Where the application for GB Approval covers more than one variant, please complete this report based on the Worst Case variant.

Once completed, this document should be submitted in addition to the AES BES document covered by the GB Scheme application being made.

All fields are mandatory unless marked optional.

[Continue](#)

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AES BES Assessment application

GB Approval PIR – Step 1 – Application type

Please select application type☐

Light Duty

☐

Heavy Duty

Continue



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Light Duty

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AES BES Assessment application

GB Approval PIR – Step 1 – Application type


Please select application type



Light Duty



Heavy Duty

Continue

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AES BES Assessment application

GB Approval PIR – Step 2.1 – Light Duty declarations

Powertrain details

Engine capacity and configuration

For example, 1498cc inline 4cyl

Fuel type and delivery

For example, Gasoline GDi or Diesel Common Rail

Electrification (optional)

For example, 48v MHEV BISG. Complete where applicable

Exhaust aftertreatment

For example, TWC/GPF or DOC/LNT/DPF/SCR

Transmission and driveline

This is a new service – your feedback will help us to improve it.

[Back](#)

 $+$

10

For example, TWC/GPF or DOC/LNT/DPF/SCR

TWC/GPF

Transmission and driveline

For example, 6sp AT AWD

6sp AT AWD

Is this GB Approval application based on an existing Regulation (EU) 715/2007 EU Type Approval?



No



Yes

Defeat device declaration

☐

We hereby declare the absence of prohibited defeat devices in accordance with Article 3 (10) of Regulation (EC) no.715/2007 in conjunction with Article 5, paragraph 2 of Regulation (EC) no.715/2007

Compliance with the real driving emissions requirements

☐

The vehicle type(s) listed in this application comply with the requirements laid down in point 2.1 of Annex IIIA to Retained Regulation (EU) 2017/1151 relating to real driving emissions for all possible RDE tests, which are in accordance to the requirements of this Annex

Continue

For example, TWC/GPF or DOC/LNT/DPF/SCR

TWC/GPF

Transmission and driveline

For example, 6sp AT AWD

6sp AT AWD

Is this GB Approval application based on an existing Regulation (EU) 715/2007 EU Type Approval?

☐

No

☒

Yes

Please enter the EU Type Approval Number

EU AES BES assessment declaration

☐

We confirm that the AES BES documentation as presented has been reviewed and accepted by a European member state Type Approval Authority or Designated Technical Service, based on Regulation (EU) 2017/1151 as amended; and written evidence will be provided alongside other documentation

Defeat device declaration

☐

We hereby declare the absence of prohibited defeat devices in accordance with Article 3 (10) of Regulation (EC) no.715/2007 in conjunction with Article 5, paragraph 2 of Regulation (EC) no.715/2007

Compliance with the real driving emissions requirements

Is this GB Approval application based on an existing Regulation (EU) 715/2007 EU Type Approval?

☐

No

☒

Yes

Please enter the EU Type Approval Number

EU AES BES assessment declaration



We confirm that the AES BES documentation as presented has been reviewed and accepted by a European member state Type Approval Authority or Designated Technical Service, based on Regulation (EU) 2017/1151 as amended; and written evidence will be provided alongside other documentation

Defeat device declaration

☐

We hereby declare the absence of prohibited defeat devices in accordance with Article 3 (10) of Regulation (EC) no.715/2007 in conjunction with Article 5, paragraph 2 of Regulation (EC) no.715/2007

Compliance with the real driving emissions requirements

☐

The vehicle type(s) listed in this application comply with the requirements laid down in point 2.1 of Annex IIIA to Retained Regulation (EU) 2017/1151 relating to real driving emissions for all possible RDE tests, which are in accordance to the requirements of this Annex

[Continue](#)

**Is this GB Approval application based on an existing Regulation (EU)
715/2007 EU Type Approval?**

☐

No

☒

Yes

Please enter the EU Type Approval Number

e5*5567*5567*5566*667*00

EU AES BES assessment declaration



We confirm that the AES BES documentation as presented has been reviewed and accepted by a European member state Type Approval Authority or Designated Technical Service, based on Regulation (EU) 2017/1151 as amended; and written evidence will be provided alongside other documentation

Defeat device declaration



We hereby declare the absence of prohibited defeat devices in accordance with Article 3 (10) of Regulation (EC) no.715/2007 in conjunction with Article 5, paragraph 2 of Regulation (EC) no.715/2007

Compliance with the real driving emissions requirements



The vehicle type(s) listed in this application comply with the requirements laid down in point 2.1 of Annex IIIA to Retained Regulation (EU) 2017/1151 relating to real driving emissions for all possible RDE tests, which are in accordance to the requirements of this Annex

Continue

AES BES Assessment application

GB Approval PIR – Step 2.2 – Light Duty AES impact data

To allow VCA to assess the pollutant impact of AES activation, we require RDE emissions data (tested according Retained Regulation (EU) 2017/1151 as amended) under limit case conditions, where we believe critical AES's would be typically active.

These critical AES's include:

- combustion and/or aftertreatment control modulation based on low environmental temperature
- combustion and/or aftertreatment control modulation based on high engine load and/or speed

For this assessment, there are two typical use-cases based on real world conditions where VCA believes such AES's would be activated.

These boundary conditions include:

- case #1: average ambient temperature is 0°C or below
- case #2: vehicle payload is minimum 80% GVW and/or drive metric V*aPos at minimum 85% of the applicable limit (for urban, rural and motorway phases)

Please complete steps 2.2.1 and 2.2.2 with requested emissions data as per the above conditions. If this application for GB Approval covers more than one vehicle type, please use data taken from the Worst Case variant.

If the submitted emissions data does not fall within the conditions suggested above, please use the notes section to give a technical explanation for the data presented in relation to the activation of critical AES's under normal use, and their subsequent emissions impact.


For this assessment, there are two typical use-cases based on real world conditions where VCA believes such AES's would be activated.

These boundary conditions include:

- case #1: average ambient temperature is 0°C or below
- case #2: vehicle payload is minimum 80% GVW and/or drive metric V*aPos at minimum 85% of the applicable limit (for urban, rural and motorway phases)

Please complete steps 2.2.1 and 2.2.2 with requested emissions data as per the above conditions. If this application for GB Approval covers more than one vehicle type, please use data taken from the Worst Case variant.

If the submitted emissions data does not fall within the conditions suggested above, please use the notes section to give a technical explanation for the data presented in relation to the activation of critical AES's under normal use, and their subsequent emissions impact.



Continue



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AES BES Assessment application

GB Approval PIR – Step 2.2.1 – Light Duty AES impact data – RDE case #1

Test report number or reference**Date of test** **ID of test vehicle****Average ambient temperature over trip in degrees Celsius** °C**Pollutant****NOx measured value urban in milligrams per kilometre** mg/km**NOx measured value total trip in milligrams per kilometre**

NOx measured value urban in milligrams per kilometre

 mg/km

NOx measured value total trip in milligrams per kilometre

 mg/km

NOx NTE limit value in milligrams per kilometre

 mg/km

PN measured value urban in number per kilometre

 #/km

PN measured value total trip in number per kilometre

 #/km


PN NTE limit value in number per kilometre

 #/km

CO measured value urban in milligrams per kilometre

 mg/km

CO measured value total trip in milligrams per kilometre

 mg/km

Continue

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AES BES Assessment application

GB Approval PIR – Step 2.2.2 – Light Duty AES impact data – RDE case #2

Test report number or reference**Date of test** **ID of test vehicle****Vehicle payload in kilograms and percentage of GVW****VaPos urban, rural or motorway limit percentage** %**Pollutant****NOx measured value urban in milligrams per kilometre**

PN measured value urban in number per kilometre

 #/km

PN measured value total trip in number per kilometre

 #/km


PN NTE limit value in number per kilometre

 #/km

CO measured value urban in milligrams per kilometre

 mg/km

CO measured value total trip in milligrams per kilometre

 mg/km

Continue




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AES BES Assessment application

GB Approval PIR – Step 2.2.3 – Light Duty AES impact data – Notes

Notes (optional)

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Heavy Duty



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AES BES Assessment application

GB Approval PIR – Step 1 – Application type

Please select application type



Light Duty



Heavy Duty

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AES BES Assessment application

GB Approval PIR – Step 2.1 – Heavy Duty declarations

Powertrain details

Engine capacity and configuration

For example, 14980cc inline 6cyl

Fuel type and delivery

For example, Diesel Common Rail

Exhaust aftertreatment

For example, DOC/DPF/SCR/AMOX

Is this GB Approval application based on an existing Regulation (EU)**No 595/2009 and 582/2011 EU Type Approval?**☒

No

☐

Yes



[< Back](#)

AES BES Assessment application

GB Approval PIR – Step 2.2 – Heavy Duty AES impact data

To allow VCA to assess the pollutant impact of AES activation, we require PEMS (tested according to Retained Regulation (EU) No 595/2009 and 582/2011, as amended by 2019/1939) emissions data under conditions where we believe critical AES's would be typically active.

These critical AES's include:

- combustion and/or aftertreatment control modulation based on low environmental temperature
- combustion and/or aftertreatment control modulation based on high engine load and/or speed

For this assessment, there are two typical use-cases based on real world conditions where VCA believes such AES's would be activated.

These boundary conditions include:

- case #1: average ambient temperature is between 0°C or below.
- case #2: vehicle payload is maximum 20% GVW or less, or, vehicle payload is minimum 80% GVW

Please complete steps 2.2.1 and 2.2.2 with requested PEMS emissions data as per the above conditions.

For the AES impact evidence, if the PEMS data requested is not available but can be substituted for alternative evidence such as engine test-bed data, please use the notes section to provide a technical explanation and supply the proposed data as an attachment.


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AES BES Assessment application

GB Approval PIR – Step 2.2.1 – Heavy Duty AES impact data – PEMS case #1

Test report number or reference

Date of test

ID of test vehicle

Average ambient temperature over trip in degrees Celsius

 °C

Pollutant

NOx measured value in milligrams per kilowatt hour

 mg/kWh

NOx NTE limit value in milligrams per kilowatt hour


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AES BES Assessment application

GB Approval PIR – Step 2.2.2 – Heavy Duty AES impact data – PEMS case #2

Test report number or reference

Date of test

ID of test vehicle

Vehicle payload in kilograms and percentage of GVW

Pollutant

NOx measured value in milligrams per kilowatt hour

NOx NTE limit value in milligrams per kilowatt hour

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AES BES Assessment application

GB Approval PIR – Step 2.2.3 – Heavy Duty AES impact data – Notes

Notes (optional)

You have 2000 characters remaining

[Continue](#)

AES BES Assessment application

GB Approval PIR – Step 3 – Audit schedule

To allow the VCA to assess continued conformity of AES BES documentation submitted into GB Approval applications, we will conduct an annual Audit. This is VCA's opportunity to check that a sample of AES BES documents meet the regulatory requirements and ensure that real driving emissions for vehicles in the UK market are at their lowest possible levels.

Scope of Audit (to include but not necessarily limited to):


- review of AES BES documents (these will be requested 6 weeks ahead of the Audit date)
- review of declared data within this document
- review of RDE robustness process prior to start of production
- review of powertrain calibration and AES BES change management process

This will require personnel with suitable knowledge of the design and verification of the emissions control systems, as well as the personnel with the responsibility of authoring, maintaining, and delivering the final AES BES documents.

We will arrange to visit your facility or premises for this Audit; and we anticipate this will be completed within one working day.



The email associated with your portal account will be used for communication on the Audit. Please ensure it is current.



Continue

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AES BES Assessment application


Step 4 – Supporting files

Please supply the following unprotected documents in PDF format for review:

- AES/BES documentation
- supporting declarations (where applicable)
- supporting test data (where applicable)

Note:

- documentation is held securely and in strict confidentiality in accordance with VCA Terms & Conditions.
- a minimum of one file must be uploaded to continue.


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AES BES Assessment

Step 4 – Supporting documents

Please supply the following:

- AES/BES documents
- supporting declarations (where applicable)
- supporting test data (where applicable)

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Choose files

[Choose Files](#) | No file chosen

Overwrite existing files

[Add files](#)[Cancel](#)

Add files

Choose files vca_portal_regi...g_guide_v5.pdf☐ Overwrite existing files

Add files

Cancel

AES BES As

Step 4 – Support

Please supply the follow

- AES/BES document
- supporting declarations (where applicable)
- supporting test data (where applicable)

Note:

- documentation is held securely and in strict confidentiality in accordance with VCA Terms & Conditions.
- a minimum of one file must be uploaded to continue.

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AES BES Assessment application


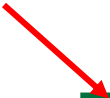
Step 4 – Supporting files

Please supply the following unprotected documents in PDF format for review:

- AES/BES documentation
- supporting declarations (where applicable)
- supporting test data (where applicable)

Note:

- documentation is held securely and in strict confidentiality in accordance with VCA Terms & Conditions.
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AES BES Assessment application

Step 5 – Declaration

On behalf of the approval holder, I confirm that the data and information provided within this application is correct and accurate.

If any changes occur that alter any of these details, we will notify the VCA via email (aes.bes@vca.gov.uk) in the case of ongoing applications; or via a new application in the case of completed applications.

Accepted by

Accepted date



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[Submit application](#)

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Application complete

Your order number
VCA003711

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Extended Documentation Package – Reviewed and Approved

Which Approval Scheme are you applying for?

GB

Product requested

New assessment

Has the Extended Documentation Package associated with this application been reviewed and approved by VCA as part of another approval application?

☒

Yes

☐

No

Please enter the VCA work order number (or job number)

VCA4567890

Does this application relate to an in-progress GB type approval application?

☐

Yes


☒

No

This application covers the following emissions approval types

Separate types by comma

IP-12345678-SDL-1, IP-87654321-SDL-1

Continue

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AES BES Assessment application


Step 3.2 – GB Approval Preliminary Information Report (PIR)

Guidance Notes

Where the application for GB Approval covers more than one variant, please complete this report based on the Worst Case variant.

Once completed, this document should be submitted in addition to the AES BES document covered by the GB Scheme application being made.

All fields are mandatory unless marked optional.

[Continue](#)

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AES BES Assessment application

GB Approval PIR – Step 1 – Application type


Please select application type

☐

Light Duty

☐

Heavy Duty

Continue


$$+$$

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+

Powertrain details

Engine capacity and configuration

For example, 1498cc inline 4cyl

--

Fuel type and delivery

For example, Gasoline GDI or Diesel Common Rail

Electrification (optional)

For example, 48v MHEV BISG. Complete where applicable

Exhaust aftertreatment

For example, TWC/GPF or DOC/LNT/DPF/SCR

Transmission and driveline

AES BES Assessment application

GB Approval PIR – Step 3 – Audit schedule

To allow the VCA to assess continued conformity of AES BES documentation submitted into GB Approval applications, we will conduct an annual Audit. This is VCA's opportunity to check that a sample of AES BES documents meet the regulatory requirements and ensure that real driving emissions for vehicles in the UK market are at their lowest possible levels.

Scope of Audit (to include but not necessarily limited to):

- review of AES BES documents (these will be requested 6 weeks ahead of the Audit date)
- review of declared data within this document
- review of RDE robustness process prior to start of production
- review of powertrain calibration and AES BES change management process

This will require personnel with suitable knowledge of the design and verification of the emissions control systems, as well as the personnel with the responsibility of authoring, maintaining, and delivering the final AES BES documents.

We will arrange to visit your facility or premises for this Audit; and we anticipate this will be completed within one working day.



The email associated with your portal account will be used for communication on the Audit. Please ensure it is current.

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AES BES Assessment application

Step 4 – Supporting files

Please supply the following unprotected documents in PDF format for review:

- AES/BES documentation
- supporting declarations (where applicable)
- supporting test data (where applicable)

Note:

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AES BES Assessment application

Step 4 – Supporting files

Please supply the following unprotected documents in PDF format for review:

- AES/BES documentation
- supporting declarations (where applicable)
- supporting test data (where applicable)

Note:

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Name ↑

 AES BES Compliance Check Training - June 2024.pdf (15...



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AES BES Assessment application

Step 5 – Declaration

On behalf of the approval holder, I confirm that the data and information provided within this application is correct and accurate.

If any changes occur that alter any of these details, we will notify the VCA via email (aes.bes@vca.gov.uk) in the case of ongoing applications; or via a new application in the case of completed applications.

Accepted by

Accepted date



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Application complete

Your order number
VCA003714

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EU, UKNI and UNECE Schemes

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AES BES Assessment application

Step 3.1.1 – Required service

Which Approval Scheme are you applying for?

Select

Select

EU

GB

UKNI

UNECE

Has this application been reviewed and approved by VCA as part of another approval application?

☐

Yes

☐

No

This application covers the following emissions approval types

Separate types by comma

AES BES Assessment application

Step 3.1.1 – Required service

Which Approval Scheme are you applying for?

EU

Product requested

New assessment

Has the Extended Documentation Package associated with this application been reviewed and approved by VCA as part of another approval application?

☒

Yes

☐

No

Please enter the VCA work order number (or job number)

VCA4567890

This application covers the following emissions approval types

Separate types by comma

IP-12345678-SDL-1, IP-87654321-SDL-1

Continue

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AES BES Assessment application

Step 4 – Supporting files

Please supply the following unprotected documents in PDF format for review:

- AES/BES documentation
- supporting declarations (where applicable)
- supporting test data (where applicable)

Note:

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- a minimum of one file must be uploaded to continue.

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AES BES Assessment application

Step 4 – Supporting files

Please supply the following unprotected documents in PDF format for review:

- AES/BES documentation
- supporting declarations (where applicable)
- supporting test data (where applicable)

Note:

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Name ↑

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AES BES Assessment application

Step 5 – Declaration

On behalf of the approval holder, I confirm that the data and information provided within this application is correct and accurate.


If any changes occur that alter any of these details, we will notify the VCA via email (aes.bes@vca.gov.uk) in the case of ongoing applications; or via a new application in the case of completed applications.

Accepted by

Accepted date



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Application complete

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VCA003715

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Update to Existing AES BES

AES BES Assessment application

Step 3.1.1 – Required service

Which Approval Scheme are you applying for?

GB

Product requested

Update to existing AES BES (for non-emissions critical changes)

Has the Extended Documentation Package associated with this application been reviewed and approved by VCA as part of another approval application?

☐

Yes

☒

No

Existing AES BES validation number



This application covers the following emissions approval types

Separate types by comma

IP-12345678-SDL-1, IP-87654321-SDL-1

Continue

AES BES Assessment application

Step 3.1.1 – Required service

Which Approval Scheme are you applying for?

GB

Product requested

Update to existing AES BES (for non-emissions critical changes)

Has the Extended Documentation Package associated with this application been reviewed and approved by VCA as part of another approval application?

☐

Yes

☒

No

Existing AES BES validation number



This application covers the following emissions approval types

Separate types by comma

IP-12345678-SDL-1, IP-87654321-SDL-1

Continue

Lookup records



Choose one record and click Select to continue

☒ Validation Number ↑☐ AES/BES-012398-00☐ AES/BES-012436-00☐ AES/BES-012437-00☐ AES/BES-012438-00☐ AES/BES-012439-00Project Name

EDP Test

AES BES Webinar Example

Training Project

AES BES Test

AES BES Test

Select

Cancel

Remove value

This application covers the following emissions approval types

Separate types by comma

IP-12345678-SDL-1, IP-87654321-SDL-1

Continue



Lookup records



Choose one record and click Select to continue

☒ Validation Number ↑Project Name☒ AES/BES-012398-00

EDP Test

☐ AES/BES-012436-00

AES BES Webinar Example

☐ AES/BES-012437-00

Training Project

☐ AES/BES-012438-00

AES BES Test

☐ AES/BES-012439-00

AES BES Test

Select

Cancel

Remove value

This application covers the following emissions approval types

Separate types by comma

IP-12345678-SDL-1, IP-87654321-SDL-1

Continue

AES BES Assessment application

Step 3.1.1 – Required service

Which Approval Scheme are you applying for?

GB

Product requested

Update to existing AES BES (for non-emissions critical changes)

Has the Extended Documentation Package associated with this application been reviewed and approved by VCA as part of another approval application?

☐

Yes

☒

No

Existing AES BES validation number

AES/BES-012398-00



This application covers the following emissions approval types

Separate types by comma

IP-12345678-SDL-1, IP-87654321-SDL-1

Continue

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AES BES Assessment application

Step 4 – Supporting files

Please supply the following unprotected documents in PDF format for review:

- AES/BES documentation
- supporting declarations (where applicable)
- supporting test data (where applicable)

Note:

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AES BES Assessment application

Step 5 – Declaration

On behalf of the approval holder, I confirm that the data and information provided within this application is correct and accurate.

If any changes occur that alter any of these details, we will notify the VCA via email (aes.bes@vca.gov.uk) in the case of ongoing applications; or via a new application in the case of completed applications.

Accepted by

Accepted date



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Submit application

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Application complete

Your order number
VCA003716

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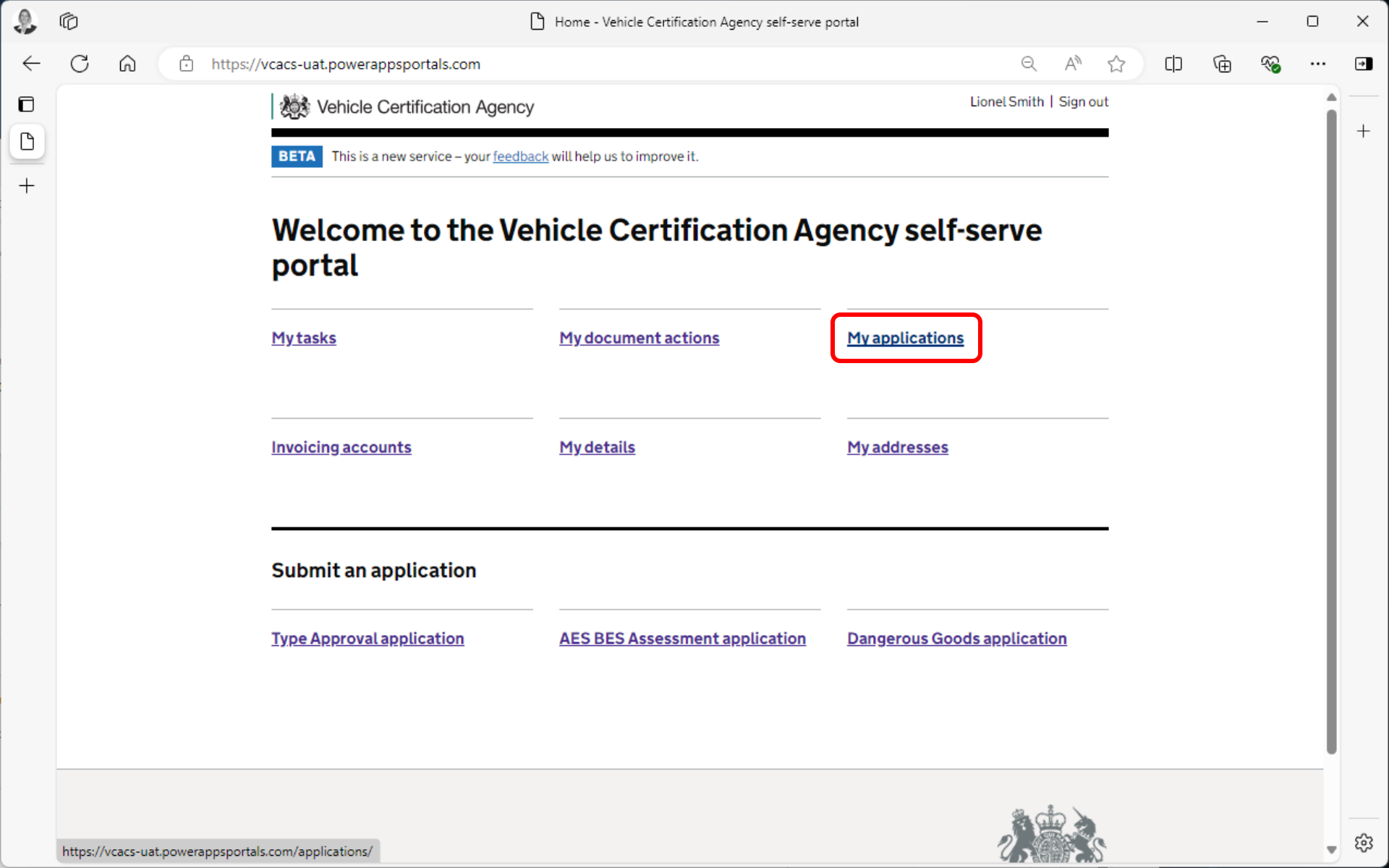
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Finding your application



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[Type Approval application](#)

[AES BES Assessment application](#)

[Dangerous Goods application](#)



My applications

Order number

Project name

Application type



AES/BES

Dangerous
Goods

Type Approval

Account

Status

Request
ReceivedAvailable
Balance
Approved

In Progress



Completed

Update resultsOrder numberProject nameApplication typeAccount[VCAE003621](#) Both Type Approval The Spectacle Ltd[VCAE003620](#) both digital Type Approval The Spectacle Ltd[VCAE003619](#) both Type Approval The Spectacle Ltd[VCAE003618](#) VCE bulk Type Approval The Spectacle Ltd[VCAE003615](#) Both Type Approval The Spectacle Ltd[VCAE003614](#) VCA E only Type Approval The Spectacle Ltd[VCAE003603](#) test Type Approval The Spectacle Ltd[VCAE003004](#) This is a test Type Approval The Spectacle Ltd[VCA003716](#) AES BES Test AES/BES Smith & Co[VCA003715](#) AES BES Test AES/BES Smith & Co[VCA003714](#) AES BES Test AES/BES Smith & Co[VCA003713](#) Training Project AES/BES Smith & Co[VCA003711](#) AES BES Webinar
Example AES/BES Smith & Co[VCA003658](#) STEPH TEST ONLY Type Approval Smith & Co[VCA003621](#) Both Type Approval Smith & Co[VCA003620](#) both digital Type Approval Smith & Co

My applications

Order number

Project name

Application type

☒ AES/BES

☐ Dangerous
Goods

☐ Type Approval

Account

Status

☐ Request
Received

☐ Available
Balance
Approved

☐ In Progress

☐ Completed

Update results

[Order number](#)



[Project name](#)

[Application type](#)

[Account](#)

[VCA003716](#)

AES BES Test

AES/BES

Smith & Co

[VCA003715](#)

AES BES Test

AES/BES

Smith & Co

[VCA003714](#)

AES BES Test

AES/BES

Smith & Co

[VCA003713](#)

Training Project

AES/BES

Smith & Co

[VCA003711](#)

AES BES Webinar
Example

AES/BES

Smith & Co

[VCA003493](#)

EDP Test

AES/BES

The Spectacle Ltd

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AES BES application VCA003711

[Order summary](#)[Documents](#)[Order items](#)

Order summary

Order number

VCA003711

Project name

AES BES Webinar Example

Invoicing account name

Smith & Co

Contact

Lionel Smith

Purchase order number

—

Pro-forma invoice number

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AES BES application VCA003711

[Order summary](#)**[Documents](#)**[Order items](#)

Documents

There are no folders or files to display.




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AES BES application VCA003711

[Order summary](#)[Documents](#)[Order items](#)

Order items

Work order number ↑	Approval type(s)	Order status	New AES BES validation number	Audit required
VCA003711-1	IP-12345678-SDL-1, IP-87654321-SDL-1	Received	AES/BES-012436-00	No 



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AES BES application VCA003711

[Order summary](#)[Documents](#)[Order items](#)

Order items

Work order number ↑	Approval type(s)	Order status	New AES BES validation number	Audit required
VCA003711-1	IP-12345678-SDL-1, IP-87654321-SDL-1	Received	AES/BES-012436-00	No



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Order item VCA003711-1

Approval scheme

GB

Product requested

New assessment

VCA work order number (or job number)

—

Related GB Type Approval work orders

[Work order number](#) ↓[Type](#)[Order status](#)

VCA003620-1

TEST

Technical Service Review

Existing AES BES validation number

—

Emissions approval type(s)

IP-12345678-SDL-1, IP-87654321-SDL-1

Related GB Type Approval work orders

Work order number ↓	Type	Order status
VCA003620-1	TEST	Technical Service Review



Existing AES BES validation number

Emissions approval type(s)
IP-12345678-SDL-1, IP-87654321-SDL-1

Application type
Light Duty

Documents

Add files

Name ↑	Modified	
 vca_portal_registering_guide_v5.pdf (637 KB)	03/07/2024 10:23 AM	



My Tasks in the VCA Digital Portal

Impact Data Required

AES BES Clearance Required



Vehicle
Certification
Agency



AES BES Impact Data Required

Which Approval Scheme are you applying for?

GB

Product requested

New assessment

Has the Extended Documentation Package associated with this application been reviewed and approved by VCA as part of another approval application?

☒

Yes

☐

No

Please enter the VCA work order number (or job number)

VCA4567890

Does this application relate to an in-progress GB type approval application?

☐

Yes

☒

No

This application covers the following emissions approval types

Separate types by comma

IP-12345678-SDL-1, IP-87654321-SDL-1

Continue

Block

Delete

Archive

Report

Reply

Reply all

Forward

Meeting

Chat

Zoom

Rules

Read / Unread

Categorise

Flag

Policy

Print

Immersive reader

Delete

Report

Respond

Teams

Zoom

Move

Tags

Print

Immersive reader

FW: CRM:0250229

Summary by Copilot

D

dynamics365-uat@vca.gov.uk

To:

Steph Wigmore

Reply

Reply all

Forward

Wed 03/07/2024 12:25

Dear Lionel,

Your AES BES Assessment Application Number VCA003717 has been reviewed; and your VCA Approved Extended Documentation Package (EDP) for VCA005678 has not been accepted for this application.

Please click on the following link to submit your impact data via the **AES BES Impact Data Required Task** that has been sent to you:

[Click Here](#)

Kind regards,

VCA Administrator

Reply

Forward

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Submit an application

[Type Approval application](#)[AES BES Assessment application](#)[Dangerous Goods application](#)



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My tasks

Subject

Task type

Due date ↑

[AES BES Impact Data Required](#)

AES BES Impact Data Required

[AES BES Clearance Required](#)

AES BES

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AES BES impact data task

AES Impact Data

Customer Order

VCA003717

Project name

AES BES Test

To allow VCA to assess the pollutant impact of AES activation, we require **RDE emissions data** (tested according Retained Regulation (EU) 2017/1151 as amended) under limit case conditions, where we believe critical AES's would be typically active.

These critical AES's include:

- combustion and/or aftertreatment control modulation based on low environmental temperature
- combustion and/or aftertreatment control modulation based on high engine load and/or speed

For this assessment, there are two typical use-cases based on real world conditions where VCA believes such AES's would be activated.

These boundary conditions include:

- case #1: average ambient temperature is 0°C or below

To allow VCA to assess the pollutant impact of AES activation, we require RDE emissions data (tested according Retained Regulation (EU) 2017/1151 as amended) under limit case conditions, where we believe critical AES's would be typically active.

These critical AES's include:

- combustion and/or aftertreatment control modulation based on low environmental temperature
- combustion and/or aftertreatment control modulation based on high engine load and/or speed


For this assessment, there are two typical use-cases based on real world conditions where VCA believes such AES's would be activated.

These boundary conditions include:

- case #1: average ambient temperature is 0°C or below
- case #2: vehicle payload is minimum 80% GVW and/or drive metric V*aPos at minimum 85% of the applicable limit (for urban, rural and motorway phases)

Please complete steps 1 and 2 with requested emissions data as per the above conditions. If this application for GB Approval covers more than one vehicle type, please use data taken from the Worst Case variant.

If the submitted emissions data does not fall within the conditions suggested above, please use the notes section to give a technical explanation for the data presented in relation to the activation of critical AES's under normal use, and their subsequent emissions impact.



Continue

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AES BES impact data task

Step 1 – Light Duty AES impact data – RDE case #1

Test report number or reference

Date of test

ID of test vehicle

Average ambient temperature over trip in degrees Celsius

 °C

Pollutant

NOx measured value urban in milligrams per kilometre

 mg/km

NOx measured value total trip in milligrams per kilometre

 mg/km

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AES BES impact data task

Step 2 – Light Duty AES impact data – RDE case #2

Test report number or reference**Date of test** **ID of test vehicle****Vehicle payload in kilograms and percentage of GVW****VaPos urban, rural or motorway limit percentage** %**Pollutant****NOx measured value urban in milligrams per kilometre** mg/km

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AES BES impact data task

Step 3 – Light Duty AES impact data – Notes

Notes (optional)

You have 2000 characters remaining

[Complete task](#)

BETA

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My tasks


Subject	Task type	Due date ↑
AES BES Clearance Required	AES BES	




Vehicle
Certification
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AES BES Clearance Required




Block




Delete




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Report




Reply




Reply all




Forward




Meeting




Chat




Zoom




Rules




Read / Unread



Categorise




Flag




Policy

Tags



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Immersive reader

FW: AES BES Information Required CRM:0250140




Summary by Copilot





D


dynamics365-uat@vca.gov.uk


To: Steph Wigmore





 Reply

 Reply all

 Forward








Wed 03/07/2024 12:23


Dear Customer,

Please note that as part of this Customer Order Number VCA003620, further information is required.

Please log into your Customer Account and review any outstanding tasks.

Regards,
Propulsion Technology Group
Vehicle Certification Agency

 Reply

 Forward



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[AES BES Assessment application](#)

[Dangerous Goods application](#)



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[Subject](#)[Task type](#)[Due date](#) ↑[AES BES Impact Data Required](#)

AES BES Impact Data Required

[AES BES Clearance Required](#)

AES BES

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AES BES task

Order number

VCA003620

Invoicing account

Smith & Co

Your Type Approval application requires AES BES clearance for the work orders listed below.

If you have AES BES clearance (or have an application in-progress) for all the affected Type Approval work orders, please link them and then click on the 'Complete task' button.

Otherwise, please [submit an AES BES Assessment application](#) for work orders that do not have any clearance.

Once you have clearance (or have submitted your new application) to cover all work orders that require AES BES clearance under this Type Approval application, please return to this task to complete it.

Please note that your Type Approval request cannot be progressed without AES BES clearance, where required.

AES BES work orders

[Work order number](#) ↑

[AES BES validation number](#) ↑

VCA003620-1



Complete task

AES BES task

Order number

VCA003620

Invoicing account

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[Work order number](#) ↑

[AES BES validation number](#) ↑

VCA003620-1



Complete task

AES BES task

Order number

VCA003620

Invoicing account

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AES BES work orders

[Work order number](#) ↑

[AES BES validation number](#) ↑

VCA003620-1



Complete task

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AES BES Assessment application

Step 1 – General details

Project name

Please create a unique meaningful reference. The order will be displayed using this reference on the portal; and can be used in communication with VCA

Applicant's name

Lionel Smith

Should you require any help, please contact: aes.bes@vca.gov.uk

[Continue](#)

AES BES task

Order number

VCA003620

Invoicing account

Smith & Co

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AES BES work orders

[Work order number](#) ↑

[AES BES validation number](#) ↑

VCA003620-1



Complete task

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Vehicle Certification Agency

Lionel Smith | Sign out

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AES BES application VCA003717

[Order summary](#)[Documents](#)[Order items](#)

Order items

Work order number ↑	Approval type(s)	Order status	New AES BES validation number	Audit required	
VCA003717-1	adsda	Received	AES/BES-012440-00	No	✓



AES BES task

Order number

VCA003620

Invoicing account

Smith & Co

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AES BES work orders

[Work order number](#) ↑

[AES BES validation number](#) ↑

VCA003620-1



Complete task

[< Back](#)

AES BES task

Order number

VCA003620

Invoicing account

Smith & Co

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AES BES work orders

[Work order number ↑](#)

[AES BES validation number ↑](#)

VCA003620-1



[Edit work order](#)

[Complete task](#)

[< Back](#)

Edit work order

**AES BES work order****Work order number**

VCA003620-1

AES BES validation number**Update work order**

AES

[We](#)

VC

Complete task

Edit work order

AES BES work order

Work order n

VCA003620

AES BES val

Update wor

Complete task

Lookup records

Choose one record and click Select to continue

✓ Validation Number ↑	Project Name
<input type="checkbox"/> AES/BES-012398-01	AES BES Test
<input type="checkbox"/> AES/BES-012436-00	AES BES Webinar Example
<input type="checkbox"/> AES/BES-012437-00	Training Project
<input type="checkbox"/> AES/BES-012438-00	AES BES Test
<input type="checkbox"/> AES/BES-012439-00	AES BES Test

Select

Cancel

Remove value

Edit work order

AES BES work order

Work order n

VCA003620

AES BES val

Update wor

Complete task

Lookup records

*012440



Choose one record and click Select to continue

☒ Validation Number ↑

Project Name

☐ AES/BES-012398-01

AES BES Test

☐ AES/BES-012436-00

AES BES Webinar Example

☐ AES/BES-012437-00

Training Project

☐ AES/BES-012438-00

AES BES Test

☐ AES/BES-012439-00

AES BES Test

Select

Cancel

Remove value

Edit work order

AES BES work order

Work order n

VCA003620

AES BES val

Update wo

Lookup records

*012440

Choose one record and click Select to continue

✓ Validation Number ↑

Project Name



AES/BES-012440-00

AES BES Test

Select

Cancel

Remove value

Complete task

Edit work order

AES BES work order**Work order number**

VCA003620-1

AES BES validation number

AES/BES-012440-00

Update work order**Complete task**

[< Back](#)

AES BES task

Order number

VCA003620

Invoicing account

Smith & Co

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AES BES work orders

[Work order number ↑](#)

[AES BES validation number ↑](#)

VCA003620-1

AES/BES-012440-00



[Complete task](#)



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[Task type](#)

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AES BES Reviewed and Successful

Block

▼

Delete

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Archive

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▼

Reply

▼

Reply all

▼

Forward

▼

Meeting

▼

Chat

▼

Zoom

▼

Rules

▼

Read / Unread

▼

Categorise

▼

Flag

▼

Policy

▼

Print

▼

Immersive reader

▼

FW: Your Application has been reviewed and successfully validate CRM:0250230

Summary by Copilot

✕

D

dynamics365-uat@vca.gov.uk

To: Steph Wigmore

Reply

Reply all

Forward

Wed 03/07/2024 12:33

Dear Customer,

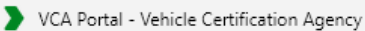
Your application number VCA003717 has been reviewed and has been successfully validated.



Where it is required, we will be in touch to schedule an Audit. In the meantime, if you have any questions please contact aes.bes@vca.gov.uk including your Work Order number as a reference.













Regards,
Propulsion Technology Group
Vehicle Certification Agency






Reply


Forward






<https://www.vehicle-certification-agency.gov.uk/vca-portal/>






Use portal sign-in to:




Apply for GB, UKNI, or UNECE Type Approval(s) and/or Provisional Type Approval(s).



Review the status of your organisation's existing Type Approval and Provisional Type Approval application(s)

For further information:



[VCA Portal – Demonstration video](#)

Portal Sign-in

Type Approval Information

+

GB Type Approval Information

+

Do you have a question?

+

Do you need support?

-


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Registering for a VCA Portal Account – A quick guide


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Q&A

