MULTI-STAGE BUILD VEHICLE APPROVAL SEMINARS

19 and 20 January 2011
MULTI-STAGE BUILD VEHICLE APPROVAL SEMINARS

Robin Dickeson, SMMT
The practical aspects of MSB and Vehicle Type Approval – VCA

Nick Clay, VCA
SMMT
MULTI-STAGE BUILD
VEHICLE APPROVAL SEMINARS
19th – 20th January 2011
Welcome to the mecca of Rugby.....

Cobblers.......
Type Approval Overview

• Type Approval Process
• Conformity of Production
• Worked example
• Typical costs
• Support & Information services
• Initial Contacts
EC Whole Vehicle Type Approval (ECWVTA) is being extended to cover all new road vehicles and trailers.

For multi-stage manufacturers:

- **N1** – April 2013
- **N2, N3** – October 2014
- **M2, M3** – October 2011
- **Trailers** – October 2013

**NO APPROVAL NO SALE**
Type Approval in a Nutshell

Type Approval authorises a manufacturer to:

• produce vehicles, systems and components to a proven specification and;
• self-certify these as compliant with relevant legislation

Two fundamental requirements:

• meeting the technical and administrative requirements and capturing the design
• ensuring that subsequent production is manufactured in conformance with the approved design
Technical Requirements - Vehicles

- New directive extends ECWVTA to all new road vehicles & trailers.

- This means new requirements for:
  - All large passenger vehicles (M₂ - M₃)
  - All goods vehicles (N₁ - N₃)
  - All trailers (O₁ - O₄)
  - All Special Purpose Vehicles (incl. M₁)
Technical Requirements - Components

- Mirrors
- Lamps
- Cameras
- Seats
- Seatbelts
- Brake linings
- Tyres
- Glass... to name a few
Technical Requirements - Components

- Rear-underrun devices
  - E 4 58 R-022439
  - E 9
  - 000148

- Side guards
  - E 4
  - 73 R-012439
1. **Whole Vehicle Type Approval**

2. **Vehicle System Approvals - Safety & Environmental**
   - S  Brakes, Steering Effort, Seats, Belts, Glass, Tyres, etc.
   - E  Noise, Emissions, EMC, Fuel Consumption, etc.

3. **Conformity of Production, Research & Development, etc.**
Which Type Approval route?

All vehicle categories

- **IVA**: UK / Issuing member state only. Inspection of each vehicle, no limit on numbers
- **NSSTA**: UK only / Issuing member state only. # vehicles limited p.a., ‘eased’ technical requirements
- **EC SSTA**: EC wide. Cars (M1) only, # vehicles limited p.a. (1000)
- **ECWVTA**: EC wide. Full technical & administrative requirements

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**EC Whole Vehicle Type Approval**

**EC Small Series Type Approval (cars only)**

**NSSTA**

**IVA**

- **UK only**
- **Partial EC**
- **Full EC**
- **Wider Markets**

[Diagram showing type approval routes and volume per type]
Whole Vehicle Approval Hierarchy

Three fundamental whole-vehicle Type Approval categories are available under both ECWVTA and NSSTA

1. **Complete vehicle approval**
   - covers *single-stage manufacture* of a fully finished product

2. **Incomplete vehicle approvals**
   - controls the specification of a partially assembled vehicle
   - multiple approvals sometimes required
   - can reduce Type Approval requirements for the final stage manufacturer

3. **Completed vehicle approval**
   - *final assembly of a multi-stage vehicle* as a fully finished product
Complete vehicle approval

- Single stage manufacturer
- All the approvals required for ECWVTA
Incomplete vehicle approvals

• Vehicle does not have all the approvals required for ECWVTA.
• Vehicle completed by 2\textsuperscript{nd}, 3\textsuperscript{rd}, 4\textsuperscript{th} stage manufacturers etc.
• Subsequent stages responsible for their approvals only
Completed vehicle approval

- Final stage of manufacture
- Vehicle can then be registered
- Need link with base vehicle manufacturer
Conformity of Production
Conformity of Production (CoP)

• **CoP is fundamental to Type Approval**
  – VCA need confidence in your manufacturing and change control systems to issue Certificates of Conformity (CoC)
  – **Quality Management System** – controlling the policies and day-to-day activities of the business that could influence conformity of the product to the approved ‘Type’
    • ISO9001 / TS16949 satisfy this requirement but are not mandatory
  – **Control Plan** – a detailed description of all the checks performed that ensure completed product conforms to each aspect of the approval

• **CoP clearance is a pre-requisite of Type Approval**
What does CoP affect?

• CoP is only concerned with those aspects of a vehicle that are type approved

• Multi stage builds
  – Second stage not responsible for base vehicle, only the components or systems added by the second stage
  – Close tie’s required
    • Base builder may change something that could affect 2\textsuperscript{nd} stage approval, without this tie up 2\textsuperscript{nd} stage approval may become invalid.
    • Example, change of load rating on tyres
How do I get there?

• Two main routes
  – Formal quality system
    ISO9001/TS16949 + Control plans
    However, formal quality system not mandatory, therefore:
  – Quality documentation (manual) + Detailed control plans + On-site assessment
Demonstrating compliance with legislation

1. Work out what to do
   - Understand the legislation
   - Plan what needs to be done

2. Get things right & ready
   - Develop compliant designs
   - Prepare approval documents

3. Make it so!
   - Get tests & reports done
   - Get final approval
Worked example
N2 2 axle box body with tail lift

- Rear registration plate space
- Lighting Installation
- Rear-underrun device
- Spray Suppression
- Side guards
- Masses and dimensions
- Statutory plates

www.vca.gov.uk
N2 2 axle box body with tail lift using approved components (e/E marked)

- Rear registration plate
- Rear underrun device
- Lighting installation
- Spray suppression
- Side guards
- Mass and dimensions
- Statutory plates

www.vca.gov.uk
N2 2 axle with box body

- Dimensional checks
- Specification checks
- Adherence to component approval requirements
- Functionality checks
- Reporting

- Dimensional checks – Inc. visibility angles
- Specification checks
- Adherence to component approval requirements
- Functionality checks
- Reporting
Typical costs: 2 axle N2

- Annex 1 – for limited product range
  - Testing and Technical reporting = £2136
  - Admin, Reporting & documentation = £465
  - CoP = £1785 (£250 if ISO9001)
  - TOTAL = £4386 (£2851 if ISO 9001)

- Subsequent types = from £1533
Typical costs: 2 axle N2

• Annex 3 – for large product ranges
  – Testing and technical reporting = £2492
  – Admin, Reporting & documentation = £1160
  – CoP = £1785 (£250 if ISO 9001)
  – TOTAL = £5437 (£3902 if ISO 9001)
  – Subsequent types = from £390
Typical costs

ECWVTA Example Costs, N1,2,3

Typical break even point = 11-70 vehicles depending on complexity
Support & Information Sources

• VCA website
  – www.vca.gov.uk

• VCA CMS+vista
  – Web based system to manage Type Approval system
    • Guidance
    • Track the approval process
    • Prompts for inputs when required
    • Information exchange and storage
  – Legislation support
Contacts

• Derek Jones, Chief Engineer, Bristol  
  – Derek.Jones@vca.gov.uk

• Dave Picker, Chief Engineer, Midlands Centre  
  – Dave.Picker@vca.gov.uk

• Nicholas Clay, Vehicle Certifications Manager  
  – Nicholas.Clay@vca.gov.uk
The practical aspects of
Individual Vehicle Approval (IVA) - VOSA

Nigel Maden, VOSA
SMMT
MULTI-STAGE BUILD
VEHICLE APPROVAL & IVA

Nigel Maden
Approvals Process Manager

Vehicle and Operator Services Agency
Swansea
To Recap,

- EC Legislation
- UK Regulation
- Form of approval needed before use.
When is an Approval needed?

• “New Vehicles”

• Depends on vehicle category; Bus, Truck or Trailer and

• How vehicle is approved; Incomplete, Complete or Completed.
Multi Stage Build

- Completed Vehicle – A vehicle resulting from the process of multi stage type approval which meets the approval requirements.

- Typically when a vehicle having an incomplete approval is subject to a further stage of manufacture, eg. is fitted with a body etc by a second stage manufacturer.
Critical date - Buses

• Buses – Passenger Vehicles more than 8 passenger seats (M2 / M3 Category)

• Require approval to register a vehicle from 29th October 2011

(Single stage 29th October 2010)
Critical date - HGV

- Goods Vehicles – more than 3500kg GVW (N2 / N3 Category)

- Require approval to register a vehicle from 29th October 2014

( Single stage 29th October 2012)
Critical date - Trailer

- Trailers light and heavy (Category O)
- Require approval from 29th October 2013
  (Single stage from 29th October 2012)
- Trailer Consent to Supply
- “Plated” trailers from 29th October 2012
What’s my options

- EC Whole Vehicle Type Approval - ECWVTA
- Small Series Type Approval - NSSTA
- Individual Vehicle Approval - IVA
What Is IVA?

Individual Vehicle Approval – Your Choice

• Inspection of an individual vehicle to establish compliance that results in the issue of an Individual Approval Certificate

• Least Onerous Criteria - Flexibility

• Compliance – Combination of documentary evidence of EC Directive compliance, declaration & visual inspection
What’s the process?

- Obtain application form/guidance from Internet
- Complete & send application to VOSA Swansea
- Application check / evidence of compliance / data
- Application sent to station of choice
- Inspection arranged / completed
- If successful Individual Approval Certificate issued
Info required on app.

- Complete application Form IVA 1H (HGV)  
  IVA 1T (Trailer)  
  IVA 1P (PSV)
- Section - General
  - Applicant details
  - Appointment and Payment details
- Vehicle/Trailer Details eg.
  - What type of body is fitted
  - Fuel Type / Engine number
Info required on app. ctd.

• Section – Approval
  • Vehicle Compliance

• Does the vehicle have a Type Approval CoC?
• Has the vehicle been modified since approval?
• Is the vehicle being assessed against a Model Report
Info required ctd

• Section – Annual Test/Plating (hgv / trailer)
  • Brakes, Tyres and Suspension
    • Type of system /Axles with “Park”
  • Dimensions
    • Overall Length / Overall width
  • Weights
Info required ctd.

- Section – Data protection, and declaration
- Annex – Directive Compliance
Info on Directives

- Evidence of EC Directive compliance (Annex)
- **Section I**, mandatory evidence required
  - subject to vehicle category
- **Section II**, optional evidence of EC Directives
  - alternative inspection to confirm compliance
Directive Info for HGVs

- Noise – 70/157/EEC to 1999/101/EC
- Emissions
- Fuel Tank
- Rear Under-Run (or calcs)
- Steering Effort
- Braking
- EMC (base vehicle)
- Anti-Theft

IVA don’t forget
Directive Info for Buses

• As HGV plus:-
• Seat Strength
• Seat Belt Anchorages
• Bus and Coach Directive (can be visual)
  • Stability (Tilt) Test
  • Structural Strength
  • Sliding Emergency Door
  • Wheelchair Restraint

IVA don’t forget
Directive Info for Trailers

- Rear Under-Run
- Steering Effort
- Braking

IVA don’t forget
How can I prove compliance?

- Evidence that European standards are met
  - Manufacturer’s
  - Your own approval
- Directive test at a Technical Service
- Model Report
- Immobiliser/Alarm –
  - Mobile Electronics Security Federation (MESF)
  - Thatchem Registered Installer (TRI)
Who’s going to apply?

- Manufacturer
- Distributor / Dealer / Supplier
- Body Manufacturer / Coach builder
- Operator / Converter

- To take responsibility for submitting the application and providing the data required.
- Important to obtain Directive compliance to support application.
## Will it cost me?

- Statutory Fee
- Technical Service
- Information
- Logistical

### IVA Fees
- Minibus (M2) £250 £50
- Bus Coach (M3) £360 £72
- Goods (N2 / N3) £230 £46
- Trailer (O3 / O4) £145 £29

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Saving lives, safer roads, cutting crime, protecting the environment
So how long will it take?

- IVA Inspection time (approx)
  - Bus……3.5 hrs.
  - HGV ….2.5 hrs.
  - Trailer…1.5 hrs.

- Preparation time
  - Approvals?
  - Test Reports?
  - Model Reports?
Where can I get an IVA

- Initially 5 VOSA sites – potential of private sites
  - Glasgow (Bishopsbriggs)
  - Manchester (Chadderton)
  - Derby
  - Avonmouth
  - Gillingham
Your own approval site?

- Privately Owned Test Facility
- Manufacturer, Importer, Distributor, etc. owned facility
- Inspections conducted by VOSA or VCA
• Building
  • Suitable size/specification
  • Communication system / office accommodation
  • Underside inspection facility
  • Headlamp test equipment
• Outdoor area
  • Turning Circle Area
  • Noise Test Area
  • Mirror Test Area
Health warning!

- Consider how it will impact your business
- Communicate
- Start the preparation
- Try it out
Need more info?

• Web - http://www.businesslink.gov.uk

• e mail – approvals@vosa.gov.uk

• Phone – 0300 123 9000
And Finally.....

Any Questions..........

............... Sorry too late !
Practical experience of preparing an Individual Vehicle Approval application

Mike Jones, Production Director – Euromotive (Kent)
Gary Race, VOSA
EUROMOTIVE (KENT) LTD

MINIBUS AND ACCESSIBLE CONVERTERS
BASE VEHICLES CONVERTED TO IVA LEVEL
SO FAR
CATEGORY M2

IVECO

VOLKSWAGEN
Introduction date for multi-stage build bus and coach

29th October 2011

IVA used as a progression into NSSTA or ECWVTA

- Paperwork lead time for first IVA took approx 8–10 weeks, due to component approvals.
- IVA paperwork lead time now approx 1–2 weeks
- Close working relationship with base vehicle manufactures are essential to gain required approval documents.
- Bus and Coach IVA is based on Reg 107.02/
- There are a number of major changes from schedule 6 C&U to IVA and Type Approval
Some of the type approval changes for M2 minibuses

- Roof Hatch
- Bigger Gangway and Entrance Dimensions
- Increased weight per passenger
- Axle and GVM calculations
- Increased seat spacings
- Step heights (front and rear)
- Max GVM for M2 – 5000KGS
- Interlocks for doors and lifts
- Buzzers on door handles
- Pictograms
- Exterior switch for wheelchair users
- Seat, gangway and exit dimensions
Approval evidence required for items other than base vehicle

- Glazing (ECE Regulation 43)
- Seat strength (74/408EEC as amended 2005/39EC)
- Seat belt anchorages (76/115/EEC as amended by 2005/41EC)
- Declarations required for, step deflection and electronic equipment that has been fitted. (must be ‘e’, ‘E’ or CE approval marked)
Seat and anchorage approvals will have to be submitted with application

Approved bonded floor

Approved bolted floor
Seat layout comparisons from C&U to Reg 107
IVA Certificate is kept by DVLA when registering the vehicle.
Our experiences through IVA the process

- Gathering approvals and documents from suppliers saves time in the long term
- Purchase “ce” marked components
- Liaise closely with base vehicle manufactures will ensure smooth paperwork flow
- Work through IVA manual when building vehicle
- Paperwork format quicker each time we apply
- Ask VOSA/VCA if in doubt, before and during test
- Working with VOSA on IVA has been a good training exercise for both parties
- Early adoption of IVA has given us good confidence to achieve new regulations without too many concerns.
- Working through IVA gives us a good transition towards NSSTA or ECWVTA
SENTA (SMMT European and National Type Approval) Guide

Colin Wilde, SMMT
SMMT European and National Type Approval (SENTA) Guide

Online interactive guide for vehicle, system and component approval

19 & 20 January 2011
SENTA - SMMT European and National Type Approval guide

- A step-by-step web-based programme to guide vehicle manufacturers, bodybuilders and suppliers through the complicated European Community Whole Vehicle Type Approval system. It also allows for national approval schemes for low volume manufacturers.
- For a new approval application, SENTA will ease the lengthy process.
- The guide details what a manufacturer must do from the original design idea, through the development and construction stages to completion of the approval process.
SENTA - SMMT European and National Type Approval guide

• The guide is split into three parts.
  – How to determine the vehicle type and approval route.
  – The requirements for Type Approval.
  – How to complete a programme to type approve a vehicle.

• Registered users will be guided through the ECWVTA process from start to finish. This will be based on their specific requirements and supported by:
  – A checklist of the legislation.
  – Information and application documents and tables.
  – Charts and lists of information for the user to create.

• The guide simplifies the approval process for those dealing with multi-stage builds by requesting specific information.

• Help information and worked examples are available for each section of the guide.
Application start

To begin a new Application, click on the link. Your new (empty) application will then become viewable in your overview list.

- New application
- Copy existing application

Create new application
Application: 1081 (Truck N3 MSB)

Application section: 1

⚠️ If you are a Body Builder or Converter, please only complete Section 1 and 2 and then go to Section 9. Download and save a copy of the Annex III Part 1A Document. Complete the Appendix 1 - Multi-Stage Build base vehicle summary found at the end of the document. This can be used as part of your Approval application. Dependant on the data listed, you can return to Sections 3 to 8 to enter any relevant data there, if necessary.

Please note that all information requested in this section must be completed before proceeding to the next section.

### SENTA information

<table>
<thead>
<tr>
<th>Title</th>
<th>Truck N3 MSB</th>
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<tbody>
<tr>
<td>Company contact</td>
<td>Colin Wilde</td>
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<tr>
<td>Markets</td>
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<td></td>
<td>UK Only</td>
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<td></td>
<td>EU</td>
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<td>Volumes per annum</td>
<td>100</td>
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<tr>
<td>Estimated launch date</td>
<td>01 May 2014</td>
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</table>
Application for a Body Builder or Converter

• If you are a Body Builder or Converter, please only complete Section 1 and 2 and then go to Section 9. Download and save a copy of the Annex III Part 1A Document. Complete the Appendix I - Multi-Stage Build base vehicle summary found at the end of the document. This can be used as part of your Approval application. Dependant on the data listed, you may need to return to Sections 3 to 8 to enter any relevant data there, if necessary.
Vehicle category selection

**Passenger Vehicles**

- **M1**: Vehicles designed and constructed for the carriage of passengers and comprising no more than eight seats in addition to the driver’s seat.
- **M2**: Vehicles designed and constructed for the carriage of passengers, comprising more than eight seats in addition to the driver’s seat, and having a maximum mass not exceeding 5 tonnes.
- **M3**: Vehicles designed and constructed for the carriage of passengers, comprising more than eight seats in addition to the driver’s seat, and having a maximum mass exceeding 5 tonnes.

**Goods Vehicles**

- **N1**: Vehicles designed and constructed for the carriage of goods and having a maximum mass not exceeding 3.5 tonnes.
- **N2**: Vehicles designed and constructed for the carriage of goods and having a maximum mass exceeding 3.5 tonnes but not exceeding 12 tonnes.
- **N3**: Vehicles designed and constructed for the carriage of goods and having a maximum mass exceeding 12 tonnes.

**Trailers**

- **01**: Trailers with a maximum mass not exceeding 0.75 tonnes.
- **02**: Trailers with a maximum mass exceeding 0.75 tonnes but not exceeding 3.5 tonnes.
- **03**: Trailers with a maximum mass exceeding 3.5 tonnes but not exceeding 10 tonnes.
- **04**: Trailers with a maximum mass exceeding 10 tonnes.
### Vehicle approval route selection

**Route**

ECWVTA

**Whole Vehicle Approval Route**

Please find below a list of Type Approval routes by category, build, volume and enforcement dates. This list is based on your previous category selection.

<table>
<thead>
<tr>
<th>Reference</th>
<th>Type approval</th>
<th>Category</th>
<th>Build</th>
<th>EC annual limit</th>
<th>UK annual limit</th>
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<th>Enforcement date (existing types)</th>
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### Vehicle stages of build

**Number of Stages of Build**

Two

*(for the purpose of whole vehicle approval only)*

**Number of Base Vehicles**

Please select -

*(within the whole Vehicle Approval)*
## Application: 1081 (Truck N3 MSB)

### Application section: 2

Please review this section and proceed to the next by pressing the button below.

Your application has no relevant information documentation for section 2. Please continue.

### General Information

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<td>0.2.1</td>
<td>Commercial name(s) (if available)</td>
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<td>0.3</td>
<td>Means of identification of type, if marked on the vehicle</td>
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<table>
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<td>Type</td>
<td>Flat, Curtain, Box</td>
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<td>VIN</td>
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<tr>
<td>Location</td>
<td>Cab footwell</td>
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Application: 1081 (Truck N3 MSB)

Application section: 9

Please review this section and proceed to the next by pressing the button below.

End of application section

Based on your previous selections we recommended this type approval route: ECWVTA-N3-Two Stage(s)

- 103001R1 S9 Annex III Part 1A M N Document.rtf

You have now completed the application sections for SENTA Application 1081.

You can now start the Compliance Sections by clicking on the button below.

At the end of the compliance section the approval process is finished and it will now be possible to register the vehicle(s).

Good file keeping practice

Please note that the following sections will involve the downloading and saving of documentation onto your computer.

We would recommend that you create an appropriate folder (e.g. "My Type Approval Application") and then save all of your downloaded documentation into it.
PART I

The following information, if applicable, must be supplied in triplicate and include a list of contents. Any drawings must be supplied in appropriate scale and in sufficient detail on size A4, or on a folder of A4 format. Photographs, if any, must show sufficient detail.

A: For Categories M and N

0. General
0.1. Make (trade name of manufacturer): ALBA
0.2. Type: BB
0.2.1. Commercial name(s) (if available): FT, CS, BX
0.3. Means of identification of type, if marked on the vehicle (b): VIN
0.3.1. Location of that marking: Cab
0.4. Category of vehicle (c): N3
0.4.1. Classification(s) according to the dangerous goods which the vehicle is intended to transport: None
0.5. Name and address of manufacturer: Holm Estate, Worthing BN13 2AB
0.8. Address(es) of assembly plant(s): As above
0.9. Name and address of the manufacturer’s representative (if any): None

1. General construction characteristics of the vehicle
1.1. Photographs and/or drawings of a representative vehicle: See Annex 1.1
1.3. Number of axles and wheels: 2 axles 4 wheels
1.3.1. Number and position of axles with twin wheels: 1, axle2
1.3.2. Number and position of steered axles: 1, axle1
1.3.3. Powered axles (number, position, interconnection): 1, axle 2 rigid
1.4. Chassis (if any) (overall drawing): See Appendix 3
1.6. Position and arrangement of the engine: front, vertical, in line
1.8. Hand of drive: Left and Right (1)
1.8.1. Vehicle is equipped to be driven in Both (1) hand traffic
103950 Appendix 1 – Multi Stage build vehicle summary

Stage 1:
- Make or Trade name of manufacturer: e.g. SENTA Trucks
- Model or Commercial name: e.g. Atago
- Type: AT001
- ECWVTA Number: e#*2007/46*####*## of the incomplete/complete vehicle

Stage 2:
- Subjects approved in second stage for the completed vehicle
  - Lateral Protection – e11*??
  - Rear underrun device - e11*??
  - Rear registration plate space - e11*??
  - Lighting Installation - e11*??
  - Spray Suppression – e11*??

- Additional subjects approved:
  - Statutory Plates - e11*??
  - Masses and dimensions - e11*??
Application: 1081 (Truck N3 MSB)

Compliance section: 11

Please review this section and proceed to the next by pressing the button below.

Applicable EC Directives and UNECE Regulations for the Category of Vehicle Information Document

General Type Approval Reference Documents

Please note that the following files are for reference purposes only.

- 104004R3 S11 N3 Annex IV Part I and II List of Directives and Regulations

Your application has no relevant information documentation for section 11. Please continue.

Continue to section 12
<table>
<thead>
<tr>
<th>Item</th>
<th>Subject</th>
<th>Regulatory act reference</th>
<th>N3 EC WVT TA</th>
<th>UNECE Regulation number</th>
<th>Series of amendments</th>
<th>Type Approval applicant information document required</th>
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<td>70/157/EEC</td>
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<td>02</td>
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<td>Emissions</td>
<td>70/220/EEC</td>
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<td>70/221/EEC</td>
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<td>34</td>
<td>02</td>
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<td>70/221/EEC</td>
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<td>70/221/EEC</td>
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<td>LPG tanks</td>
<td>X</td>
<td>67</td>
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<td>CNG tanks</td>
<td>X</td>
<td>110</td>
<td>00</td>
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<td>Rear protective device</td>
<td>X</td>
<td>58</td>
<td>01</td>
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<td>Rear registration plate space</td>
<td>70/222/EEC</td>
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</table>
Application: 1081 (Truck N3 MSB)

Compliance section: 12

Please review this section and proceed to the next by pressing the button below.

System Approval

Information Documents

- 103501R1 S12 70 157 Info doc for noise
- 103503aR1 S12 Info doc 70 221 Fuel tanks Annex I App 3
- 103503bR1 S12 Info doc 70 221 Rear underrun Annex II App 1 vehicle
- 103505R1 S12 Info doc 70 311 steering
- 103508R1 S12 Info doc 2003 97 Indirect vision devices
- 103509aR1 S12 Info doc 71 320 Braking Motor vehicles
- 103510R1 S12 Info doc 72 245 EMC
- 103513aR1 S12 Info doc 74 61 Anti theft
- 103515aR1 S12 Info doc 74 408 seat strength vehicle
- 103515bR1 S12 Info doc 74 408 seat strength component
- 103517R1 S12 Info doc 75 443 speedo and reverse gear
- 103518R1 S12 Info doc 76 114 Stat plates
- 103519R1 S12 Info doc 76 115 seat belt anchorages
- 103520R1 S12 Info doc 76 756 Lighting installation
INFORMATION DOCUMENT
FOR 77/839 TOWING HOOKS
APPENDIX 1

INFORMATION DOCUMENT No ........

Pursuant to Annex I of Council Directive 70/156/EEC relating to EC Type-Approval of a vehicle with respect to the

towing-devices

(Directive 77/389/EEC, as last amended by Directive .../...)

The following information, if applicable, must be supplied in triplicate and include a list of contents. Any drawings

must be supplied in appropriate scale and in sufficient detail on size A4 or on a folder of A4 format. Photographs, if

any, must show sufficient detail.

0. General
0.1. Make (trade name of manufacturer): Alba
0.2. Type and general commercial description(s): BB
0.3. Means of identification of type, if marked on the vehicle (b): VIN
0.3.1. Location of that marking: Cab
0.4. Category of vehicle (c): N3
0.5. Name and address of manufacturer: Alba

Holm Industrial Estate
Worthing
BN13 2AB

0.8. Address(es) of assembly plant(s): As above

1. General construction characteristics of the vehicle
1.1. Photographs and/or drawings of a representative vehicle: See Annex 1.1
Application: 1081 (Truck N3 MSB)

Compliance section: 15

Please review this section and proceed to the next by pressing the button below.

Certificate of Conformity (CoC) Vehicle Approval Master

Reference Documents

Please note that the following files are for reference purposes only.

- 109001R1 S15 Side 1 complete vehicles
- 109003R1 S15 Side 1 CoC completed vehicles
- 109009R1 S15 Side 2 N3 CoC complete and completed
- 109012R1 S15 Side 1 incomplete vehicles
- 109019R1 S15 Side 2 N3 incomplete vehicles

Your application has no relevant information documentation for section 15. Please continue.
MODEL B – SIDE 1

ECWVTA COMPLETED VEHICLES

EC CERTIFICATE OF CONFORMITY

Side 1

The undersigned ………………………………………………………..(Full name and position)

hereby certifies that the vehicle:

0.1 Make (Trade name of the manufacturer): ………………………………………………………………

0.2: Type: ………………………………………………………………………………………………………….

Variant(a) …………………………………………………………………………………………………………

Version(b) …………………………………………………………………………………………………………

0.2.1 Commercial name: ………………………………………………………………………………………

0.4 Vehicle category: ……………………………………………………………………………………………

0.5: Name and address of the manufacturer: ………………………………………………………

0.6 Location and method of attachment of the statutory plates: ………………………

Location of the vehicle identification number: ………………………………………..

0.9 Name and address of the manufacturer’s representative (if any):

…………………………………………………………………………………………………………………………

0.10 Vehicle identification number: …………………………………………..…………………………………..

a) has been completed and altered(1) as follows: ………………………………………and

b) conforms in all respects to the type described in approval (…type-approval number including extension number) issued on (…date of issue) and

c) can be permanently registered in Member States having right/left (b) hand traffic and using metric/imperial[1] units for the speedometer[2]

…………………………………………… ........................................................

(Place)(Date) (Signature)

Attachments: Certificate of conformity delivered at each previous stage.
SENTA information and registration

• Go to SMMT website, smmt.co.uk, front page and click on the SENTA button in the top right hand corner
Thank you for your attention. Any Questions?

Society of Motor Manufacturers and Traders Limited
Forbes House, Halkin Street, London, SW1X 7DS
www.smmt.co.uk
Review of the morning session, information on the afternoon session

Allan McKenzie, SMMT
ECWVTA for Body Build – MSB Flowchart – Example for a Completed Truck

1. PLACE ORDER
2. PLACE
3. REQUEST APPROVAL INFO
4. BASE VEHICLE CONFIGS, TA Nos + CERTS
5. REQUEST APPROVAL INFO
6. DIALOGUE REQUEST FURTHER INFO IF REQD / AGREE PLAN
7. MSB PLAN
8. DIALOGUE REQUEST CHASSIS
9. PROVIDE VEHICLE
10. PROVIDE VEHICLE
11. DELIVER

Customer

Dealer

Base Vehicle Manufacturer(s)

Body Builder

VCA

Suppliers

Suppliers

DVLA

Registered N Documents

Register

Place

Request Approval Info

Response - TA Info

Response - TA Info

MSB PLAN

Request Approval Info

Response - TA Info

Base Vehicle Configs, TA Nos + Certs

Dialogue Request Chassis

Provide Vehicle

Provide Vehicle

Place Order

Reqmts
Next steps

• Identify responsibilities within commercial relationships
• Identify / nominate the contact person within organization responsible for supply / receipt of approval information
• Establish the approval information that is available from vehicle manufacturers, component and ancillary equipment suppliers, and how to access it
• Confirm whether access to approval information is chargeable
• Confirm the format in which approval information will be available
• Confirm how changes to approval information will be notified
One-to-One sessions and networking
Thank you for attending

Society of Motor Manufacturers and Traders Limited
Forbes House, Halkin Street, London, SW1X 7DS
www.smmt.co.uk