Initial Verification
Periodic Inspection & Testing qualifications
Webinar

Today’s hosts are:

David Pye - Technical Advisor
Peter Tanner – Senior Consultant
Salim Visram – Industry Manager

23.05.2017
We will be starting shortly
AGENDA

• Getting the most from the webinar
• Qualification History and introduction to the new City & Guilds 2391
• Structure and Assessment Strategy
• Next Steps & Go – Live?
• City and Guilds support
• Q&A
What are these inspection and testing qualifications and how are they related to industry and competent persons schemes?

• It is aimed at practising electricians who have not carried out inspection and testing since qualifying or who require some update of training before going onto other City & Guilds qualifications. The qualification is also suitable for those with limited experience of initial inspection and periodic inspection of electrical installations, such as those entering the industry from other engineering disciplines or who have been working in allied trades.
• These new versions are a direct replacement for 2394 and 2395 and continue to meet the industry CPD needs.
• These new products are recognised by the JIB under the ECS card scheme.
Qualification history

• **1995 - 2391** First introduced as NICEIC required a specialised qualification for inspectors to be competent with IET GN3. It was initially multiple choice.

• **1996**- Saw the examination become written format with 20 short questions and 6 structured.

• **2012**- Saw the qualification split into 2394 and 2395 as industry wanted specific Initial Verification and Periodic qualifications

• **2012**- The new 2357 apprenticeship assessed Initial Verification to higher standards and QCF rules stated it shouldn’t be assessed again.

• **2017** – 5 year product review
WHY? The drivers for change from industry and the delivery network!!

1. Employers and learners need results quickly so they can undertake the role in industry

2. Time required for any resits required needed to be reduced

3. Industry related product and employers understand 2391

4. Operational costs for paper based exam systems and marking is high

5. Industry drive to be more responsive and digitally focussed including offline test facility

6. CPD qualifications need to reflect what the industry competent persons schemes are accepting

7. Secure Evolve platform for tests reducing incidents of malpractice and improving quality

8. Streamline delivery reduce repetition and administration for centres
Structure of the qualifications

2391-50 Level 3 Award in Initial Verification

2391-51 Level 3 Award in Periodic Inspection & Testing

2391-52 Level 3 Award in Inspection & testing
We will just pause for **two minutes** to allow delegates to reflect on the initial slides and to send in questions before moving on.
Re-introducing the new City and Guilds 2391

The IET were on the development group for this project

2017 - will now see 2391 revised to allow for all possible pathways required for industry such as:-

• completing apprentices and engineers who only need periodic (2391-51)

• domestic installers who only need Initial (2391-50)

• practicing electricians who want both disciplines periodic and initial (2391-52)
Assessment Strategy 2391-50 initial

- One 40 item 80 minute open book multiple-choice test

- Two practical assignment tasks to include:
  - inspection and test on main test rig
  - Short four item written questions
## Test specification 2391-50 Initial Verification

**Test Specifications**
The way the knowledge is covered in the test is laid out in the table below:

**Assessment type:** Multiple-choice exam  
**Assessment conditions:** Open book exam/Invigilated exam  
**Grading:** Pass/Fail

<table>
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<td>Number of questions</td>
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<td>Understand the requirements for initial verification of electrical installations</td>
<td>3</td>
<td>7</td>
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<td>2</td>
<td>Understand safety management procedures when undertaking initial verification</td>
<td>3</td>
<td>7</td>
<td></td>
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<td>3</td>
<td>Understand the requirements for the initial inspection of an electrical installation</td>
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<td>18</td>
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<td>Understand the requirements for testing electrical installations at initial verification</td>
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<td>68</td>
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<td>5</td>
<td>Perform inspection and testing of electrical installations</td>
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Assessment Strategy 2391-51 periodic

• One 40 item 80 minute open book multiple-choice test

• Three tasks for practical to include:
  - Visual photo exercise (30 minutes)
  - Inspection and test on the test rig
  - Short four item question paper
## Test specification 2391-51: Periodic Inspection and Testing

### Test Specifications
The way the knowledge is covered by each test is laid out in the table(s) below:

**Assessment type:** Multiple-choice exam  
**Assessment conditions:** Open book exam/Invigilated exam conditions  
**Grading:** Pass/Fail

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<td>3 Understand the requirements for the periodic inspection of an electrical installation</td>
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Assessment Strategy 2391-52- Combined

- One 60 item 2 hour open book multiple-choice test

- Three tasks for practical to include
  - Visual photo exercise (30 minutes)
  - Inspection and test on the test rig
  - Short four item question paper
# Test specification 2391-52: Combined

**Test Specifications**
The way the knowledge is covered by each test is laid out in the table(s) below:

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**Assessment conditions:** Open book exam/Invigilated exam conditions  
**Grading:** Pass/Fail

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<td>3 Understand the requirements for the inspection of electrical installations</td>
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Example question for the short answer paper (open book)

*Explain why an Electrical Installation Certificate is retained.*

Answers may include:

- Compliance with CDM
- Future inspections
- Selling property
- Insurance or mortgage

Or any other suitable answer to industry requirement accepted by the assessor.
What resources are allowed for assessment?

• With the exception of the visual inspection task, candidates may use for all assessments-
  • BS 7671
  • IET On-site Guide
  • IET Guidance Note 3
Structure and Assessments

What Improvements have we made from our detailed analysis

• Fewer tasks in the practical assessments
• No visual boards, insulation resistance or earth loop impedance boards needed
• Specifically designed combined assessment
• (So) Those taking initial and periodic do not need to do two separate assessments
• One practical process assesses both skills
• One on-line multiple choice assessment
PAUSE FOR QUESTIONS

We will just pause for two minutes to allow delegates to send in questions before moving on.
Next steps and Go–Live

• Centres will have automatic approval if they are currently delivering 2394 and 2395
• 2394 & 2395 registration expires end of August 2017
• The final 2394 & 2395 written dated entry exams, included on demand, will be December 2017
• The new 2391 will go live on 24th May 2017
• The following new web page has been set up [Here](#) were all relevant documents can be found

New approvals or if further information please contact

• Michael McArthur - [Michael.McArthur@cityandguilds.com](mailto:Michael.McArthur@cityandguilds.com)
• Or your business manager/technical advisor
JUST THE LAST FEW SLIDES

Please start to consider your questions, we will try to answer them all following the final few slides.
BUILDING SERVICES TEAM

• Darren Quinn (Product Executive) - Darren.quinn@cityandguilds.com
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EVOLVE ANALYTICS

- e-volve centre analytics is a new, free online results analysis tool for City & Guilds centres, that gives you in depth analysis of your learners' performance for evolve tests.

- With just a few clicks e-volve centre analytics will allow you to display your e-volve test data, in an easy to understand format. You will be able to analyse by date ranges, qualifications and units, view in various layouts and export for further analysis.

e-Certificates

• The e-Certificates service is available to all City & Guilds centres at no cost

• Once assigned a WG profile please contact on-line@cityandguilds.com to be issued access to the e-Certificates add-on.

• Verify a certificate
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Thank you

Thank you for your attendance – we will now answer questions as they come through before closing

Please feedback to
feedbackandcomplaints@cityandguilds.com