

ECC/EFESC PROJECT

Evaluation and Implementation of Chainsaw Operators Certification (EAIOCOC) – ECC/EFESC

Billy Robb



CORE OF THE PROJECT

The qualification

ECC

(EUROPEAN CHAINSAW CERTIFICATE)

The awarding body

EFESC

(EUROPEAN FORESTRY AND ENVIRONMENTAL
SKILLS COUNCIL)



WORK PLAN

The project was designed into a series of work packages to be undertaken by the project team:

- WP 1 – Management
- WP2 – Mapping
- WP3 – Standard Setting
- WP4 – Industry Consultation
- WP5 – Testing of Standards
- WP6 – Quality Assurance
- WP7 – Dissemination



EFESC

- EFESC DRAFT HANDBOOK
- LEGAL STATUS DRAFT CONSTITUTION
- COMMITTEE STRUCTURES/NOMINATIONS
- ORGANISATIONAL STRUCTURE
- REQUIREMENTS FOR NATIONAL AGENCYS
- MEMBERSHIP STRUCTURES & FEES
- DEVELOPMENT PLAN FOR THE FUTURE

EFESC

Today's meeting:

**16-17th March in Brno,
Czech Republic**

The central theme:

**the establishment of
EFESC
and
National Agency accreditation
requirements**

ECC

ECC1 – Maintenance And Crosscutting

ECC2 – Basic Felling

ECC3 – Advanced Felling

ECC4 – Windblown Trees

We already had two very successful trainers meetings:

- **Spain – ECC 1&2**
- **Denmark - ECC 3&4**

Next assessors meeting:

- **Czech Republic - 'Standards Setting & Technical Evaluation Event
27/06-2011 - 01/07/2011**



ECC

Meeting II: Spain

Points of discussion:

- Examination system in different countries
- What each ECC level should include
- Preconditions for each level
- What type of system agreed for use in ECC



ECC

- For each level: practical exam and a theory exam
- Theory knowledge classified as
 - Minor
 - Major
 - Critical
- Developing a 'score sheet' / examination checklist
- Field demonstrations comparing some of the different exam systems



2nd field demonstration

ECC



ECC2 Take-down of hung-up



Example of score sheets ECC2

ECC

Name candidate:		
Assessment criteria	Y/N	Comment
Maintenance		
Chain and guidebar maintenance		
Remaining maintenance		
Operating techniques		
Felling of upright tree		
Felling direction		
Cutting techniques		
Quality of the stump		
Felling of forward leaning tree		
Felling direction		
Cutting techniques		
Quality of the stump		



ASSESSMENT ACTIVITIES	ASSESSMENT CRITERIA	ECC		
<p>What the chainsaw operator must be able to do:</p> <p>1. Safeguard and maintain your own health and safety and that of those likely to be affected by your work</p> <table border="1"> <tr> <td>Y</td> <td>N</td> </tr> </table>	Y	N	<p>Assessor to visually observe PPE When starting and checking operational functions of saw, full as outlined in national safety guidance or manufacture handbook MUST be worn Candidate to explain why the PPE is required</p>	<p>PPE is subject to legislative and/or health & safety requirements and risk assessment but will normally include:</p> <ul style="list-style-type: none"> - Chainsaw safety trousers - Chainsaw safety boots - Safety helmet - Eye & ear protection - Non-slip outer clothing - Personal First Aid Kit - Whistle
Y	N			
<p>1. Take appropriate action in the event of unforeseen circumstances</p> <table border="1"> <tr> <td>Y</td> <td>N</td> </tr> </table>	Y	N	<p>Candidate to identify hazards relevant to the site and trees to be worked on in accordance with manufactures handbook and national standards</p>	<p>RISKASSESSMENT METHOD/STATEMENT EMERGENCY PLANNING</p>
Y	N			
<p>1. Prepare the tree for felling by safe brashing</p> <table border="1"> <tr> <td>Y</td> <td>N</td> </tr> </table>	Y	N		<p>Remove low branches taking into account:</p> <ul style="list-style-type: none"> - Correct "break-in" - Position of the saw in relation to the operator, bar on opposite side of stem - Height to which branches are removed - Saw body not above shoulder height - Operating technique - Brashing close to the stem
Y	N			



Meeting II: Denmark

ECC

Setting the standards for ECC 3&4

- Demonstration of the theory On-line test produced by IPC
- Assessment criteria for level 1&2 finalised and further development of the score sheets
- Criteria that needs to be tested in in level 3&4 discussed and score sheets developed
- On-going discussions on assessment techniques and standards



Field test of ECC3 and pilot audit

ECC



Indoors-friendly discussions!

ECC

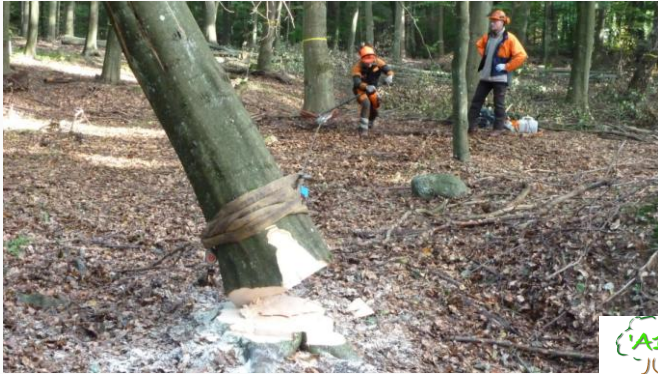


Windblown techniques

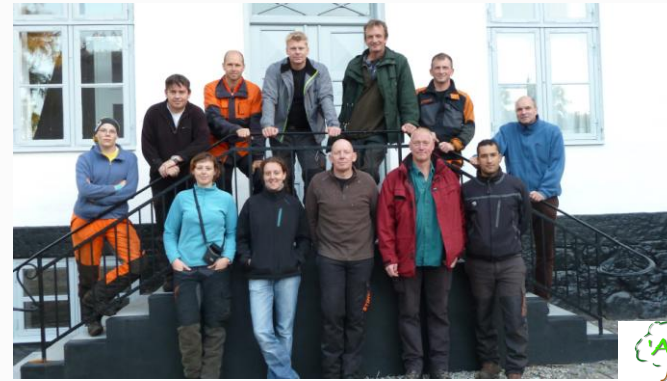
ECC



Hung up tree for ECC3 taken down by a hand winch **ECC**



Team in Denmark meeting **ECC**



Summary of results **ECC**

- ECC 1 & 2 practical assessment guidance DRAFT
- ECC 1 & 2 theory assessment guidance DRAFT
- ECC 1 & 2 assessor score sheets DRAFT
- ECC 3 & 4 practical assessment DRAFT
- ECC 3 & 4 theory assessment DRAFT
- ECC 3 & 4 assessor score sheets DRAFT
- Audit documents under development

