



IDENTIFYING DATA

Quality control and prevention of occupational hazards in the forestry industry

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|---------------------|--|----------|------|------------|
| Subject | Quality control and prevention of occupational hazards in the forestry industry | | | |
| Code | P03G370V01804 | | | |
| Study programme | (*)Grao en Enxeñaría Forestal | | | |
| Descriptors | ECTS Credits | Choose | Year | Quadmester |
| | 6 | Optional | 4th | 2nd |
| Teaching language | | | | |
| Department | | | | |
| Coordinator | Bartolome Mier, Javier | | | |
| Lecturers | Bartolome Mier, Javier | | | |
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| Web | http://www.forestales.uvigo.es | | | |
| General description | Introduction to the systems of guarantee of the quality and of management of labour risks. Methods of continuous improvement | | | |

Competencies

| | |
|------|---|
| Code | |
| C39 | (*)CE-39: Capacidade para coñecer, comprender e utilizar os principios de: control de calidade na industria forestal. |
| C40 | (*)CE-40: Capacidade para coñecer, comprender e utilizar os principios de: seguridade e hixiene industrial. |
| D19 | (*)CBS 7: Motivación pola calidade. |

Learning outcomes

| Expected results from this subject | Training and Learning Results | |
|---|-------------------------------|-----|
| Capacity to know, comprise and use the principles of: Control of quality and prevention of labour risks in the forest industry. | C39 C40 | D19 |
| New | | |

Contents

| Topic | |
|---|--|
| 1.- Forest industry and quality | 1.1. General concepts |
| 2.- General concepts of the quality | 2.1 Definition of quality 2.2. Definition of Systems of quality 2.3.-Evolution of the systems of quality 2.4. Profits of the quality 2.5. Organisational model of the quality 2.6. Commitment of the direction 2.7. Human team |
| 3.- Norms ISO 9001: 2008 and ISO 9004: 2009 | 3.1 Aims 3.2. Scope 3.3. Approach 3.4. Points of norm |
| 4.- As implant a system of quality | 4.1. Phases of the implantation of a system of management 4. 2. Process of the certification 4.3. Orientation to the management by processes 4.4. Management of the improvement of a process |

| | |
|---|---|
| 5.- Audits of Quality | 5.1. Definition of audit 5.2. Types of audit 5.3. Process of audit 5.4. Team of audit 5.5. Preparation of the audit 5.6. Development of the audit. 5.7. Report of audit |
| 6.- The marked CE of wooden products for employment in the construction | 6.1. Realisation of the marked CE of products. Phases of the process |
| 7.- Foundation of the technicians of improvement of the conditions of work. | 7.1.- Technical of prevention of labour risks. 7.2.- Norma and signaling in security. 7.3.- Collective and individual protection 7.4.- Plans of emergency and autoprotection. 7.5.- Toxic and dangerous waste 7.6.- Installations against forestry fire. |
| 8.- Security in the work | 8.1.- Accidents of Work 8.2.- Analysis and general evaluation of the risk of accident. |
| 9.- Industrial hygiene. | 9.1.- Concepts and aims. 9.2.- Normative legal specific. 9.3.- Physical agents; noise, vibrations 9.4.- Biological agents 9.5.- Medicine of the work: Pathologies of labour origin. 9.6.- first aid And first helps. 9.7.- Ergonomics and psicology |

Planning

| | Class hours | Hours outside the classroom | Total hours |
|---------------------------------------|-------------|-----------------------------|-------------|
| Case studies / analysis of situations | 6 | 10 | 16 |
| Outdoor study / field practices | 4 | 2 | 6 |
| Master Session | 34 | 72 | 106 |
| Short answer tests | 2 | 20 | 22 |

*The information in the planning table is for guidance only and does not take into account the heterogeneity of the students.

Methodologies

| | Description |
|---------------------------------------|--|
| Case studies / analysis of situations | Seminars of approach and resolution of practical cases with oral presentation |
| Outdoor study / field practices | Knowledge of the implantation of systems of quality in companies of transformation of the wood |
| Master Session | Explanation Of theoretic concepts and exemplifications |

Personalized attention

| Methodologies | Description |
|---------------------------------------|-------------|
| Master Session | |
| Case studies / analysis of situations | |

Assessment

| | Description | Qualification | Training and Learning Results | |
|---------------------------------------|--|---------------|-------------------------------|-----|
| Case studies / analysis of situations | *Participacion Active in the *resolucion of the supposed *practicos that pose | 10 | C39 C40 | D19 |
| Outdoor study / field practices | Presentation of the memory of the visits realised | 10 | C39 C40 | D19 |
| Master Session | *Paricipacion Active in the debates that pose | 10 | C39 C40 | |
| Short answer tests | *Valoracion Of the knowledge of the matter in *funcion to the questions realised | 70 | C39 C40 | |

Other comments on the Evaluation

Sources of information

Basic Bibliography

Complementary Bibliography

Recommendations

Other comments

*N|To
