



IDENTIFYING DATA

Quality control and prevention of occupational hazards in the forestry industry

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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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 psicocology

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 theoric 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
