

Forest operations/activities planning:

[work type, e.g. harvesting, roading, site preparation]

FMU/WMU name/Cpt:	Work period:
--------------------------	---------------------

Job description: [work methods]

Designated Works Manager:

Confirm certificates of competence & insurance is held as appropriate Confirm if recorded on <i>Doc.4.2c Training (Competency) and Insurance Record</i>	Y	
IF NO , provide details or Exclude worker	N	

	CONSTRAINTS	Y/NA	Details, controls, measures
Conservation details included on Map	1. Designations/ [SAC, SPA, NHA, pNHA, IUCN, other local]. Are Consents /contact required?		
	2. Archaeology [historic features, banks/walls]. Are Consents /contact required? See record of monuments and places (RMP)		
	3. Protected, Rare or Threatened spp/ EPS. [Priority habitats, Otter, Bats, Red Squirrel, Ship Rat, Natterjack Toad].		
	4. LTR /Deadwood		
	5. OWS/POWS [special measures]		
	6. Badgers Are Consents /contact required?		
	7. Extraction routes [impacts to soil and water considered]		
	8. Burning [impacts to soil and flora considered]		
	9. Fuel storage [away from water courses/protected areas]		

	HAZARDS	Y/NA	Details, controls, measures
Hazards details on Map	10. Access [roading, rides, paths]. Are closure Consents required?		
	11. Wayleaves Are Electricity company Consents /contact required?		
	12. Watercourses [crossing points/culverts]. Are Consents or water quality monitoring or sampling required ?		
	13. Terrain [steep/uneven ground]		

14. Burning [location of site, smoke]. Impact assessment?		
15. Timber traffic [risks to local people]		

HEALTH & SAFETY	Y/NA	Details, controls, measures
16. RISK ASSESSMENT [supplied by manager/contractor]		
17. Lone working		
18. Site safety coordinator/works manager		
19. Reporting of Accidents and Dangerous Occurrences (HSA) [Injuries and Dangerous Occurrences have to be reported to HSA using the Online Reporting System. http://www.hsa.ie/eng/Publications_and_Forms/Forms/]		
20. MAP – hazards, constraints supplied to workers		
21. Pollution control kits [available on site]		
22. Waste Disposal [communicated to workers, responsibility for disposal, record keeping]		
23. SIGNING – Prohibition, Warning, Threshold		
24. PPE - workers are provided with or have adequate PPE		
25. HSA safety guides for forestry operations, IFSG and FISA safety guides – List attached <small>identify applicable guides where adopted</small>		

Health & Safety - Map

Other requirements/precautions/issues:

Signed Worker/Contractor:		Dated:	
Signed Manager:		Dated:	

Health and Safety Procedures and Guidelines

Health and Safety Authority – www.hsa.ie

- HSA - Code of Practice for Managing Safety and Health in Forestry Operations
http://www.hsa.ie/eng/Publications_and_Forms/Publications/Agriculture_and_Forestry/Code%20of%20Practice%20Forestry%202009-.pdf
- HSA – Information on the Health and Safety responsibilities of Forest Land Owners and Managers who intend to fell their trees Information Sheet
http://www.hsa.ie/eng/Publications_and_Forms/Publications/Agriculture_and_Forestry/Forestry_Information_Sheet.pdf
- HSA - Guide to safe working with timber and chainsaws
http://www.hsa.ie/eng/Publications_and_Forms/Publications/Agriculture_and_Forestry/Guide%20to%20safe%20working%20with%20timber%20and%20chainsaws.pdf

Health and Safety Authority - Irish Forestry Safety Guides (IFSG)

A suite of Safety Guides modified for Irish use by kind permission of FISA, including:

- IFSG 301 - Using Petrol Driven Chainsaws
https://www.hsa.ie/eng/Publications_and_Forms/Publications/Agriculture_and_Forestry/Petrol_Driven_Chainsaw_-_IFSG_301.pdf
- IFSG 302 - Basic Chainsaw Felling and Manual Takedown
https://www.hsa.ie/eng/Publications_and_Forms/Publications/Agriculture_and_Forestry/Basic_Chainsaw_Felling_-_IFSG_302.pdf
- IFSG 303 - Chainsaw Snedding
https://www.hsa.ie/eng/Publications_and_Forms/Publications/Agriculture_and_Forestry/Chainsaw_Snedding_-_IFSG_303.pdf
- IFSG 304 - Chainsaw Cross Cutting and Manual Stacking
https://www.hsa.ie/eng/Publications_and_Forms/Publications/Agriculture_and_Forestry/Cross_Cutting_and_Manual_Stacking_-_IFSG_304.pdf
- IFSG 306 - Chainsaw Clearance and Windblow
https://www.hsa.ie/eng/Publications_and_Forms/Publications/Agriculture_and_Forestry/Chainsaw_Clearance_of_Windblow_-_IFSG_306.pdf
- IFSG 307 - Chainsaw Felling of Large Trees
https://www.hsa.ie/eng/Publications_and_Forms/Publications/Agriculture_and_Forestry/Felling_large_trees_-_IFSG_307.pdf
- IFSG 503 - Extraction by Forwarder
https://www.hsa.ie/eng/Publications_and_Forms/Publications/Agriculture_and_Forestry/Extraction_by_Forwarder_-_IFSG_503.pdf
- IFSG 603 - Mechanical Harvesting
https://www.hsa.ie/eng/Publications_and_Forms/Publications/Agriculture_and_Forestry/Mechanical_Harvesting_-_IFSG_603.pdf
- IFSG 804 - Electricity at Work: Forestry
https://www.hsa.ie/eng/Publications_and_Forms/Publications/Agriculture_and_Forestry/Electricity_at_Work_-_IFSG_804.pdf

- IFSG FC1 - Health & Safety Guidance for Forestry Work Manager in Selecting & Monitoring Contractors
https://www.hsa.ie/eng/Publications_and_Forms/Publications/Agriculture_and_Forestry/Monitoring_Contractors_-_IFSG_FC1.pdf
- HSA – Lone Workers information
http://www.hsa.ie/eng/Topics/Hazards/Lone_Workers/
- HSA - Guidance on the Safety, Health and Welfare at Work (Reporting of Accidents and Dangerous Occurrences) Regulations 2016 (HSA)
http://www.hsa.ie/eng/Publications_and_Forms/Publications/Safety_and_Health_Management/Accident_and_Dangerous_Occurrences_Reporting.pdf

Injuries and Dangerous Occurrences have to be reported to HSA using the Online Reporting System. http://www.hsa.ie/eng/Publications_and_Forms/Forms/
- HSA Guide to the Safety, Health and Welfare at Work (General Application) Regulations 2007
http://www.hsa.ie/eng/Publications_and_Forms/Publications/Occupational_Health/Guidelines_on_First_Aid_at_Places_of_Work_2008.pdf
- HSA - Use Chemicals Safely on the Farm
http://www.hsa.ie/eng/Publications_and_Forms/Publications/Agriculture_and_Forestry/HS_A_Farm_Safety_Chemicals.pdf

DAFM

- DAFM Prescribed Burning Code of Practice (2012)
<http://www.agriculture.gov.ie/media/migration/forestry/firemanagement/CofPPrescribedBurningFinal90212.pdf>
- Guidance Notes on Integrated Pest Management For Use On Irish Farms
<http://www.pcs.agriculture.gov.ie/media/pesticides/content/sud/Guidance%20Notes%20on%20Integrated%20Pest%20Management.pdf>
- EPA/DAFM Guide - 7 STEPS: GOOD PRACTICE GUIDE FOR EMPTY PESTICIDE CONTAINERS
http://www.pcs.agriculture.gov.ie/media/pesticides/content/sud/Good_Practice_Guide_for_empty_pesticide_containers.pdf

Other Reference Sources:

FISA (Forest Industry Safety Accord) – General Health & Safety Guides

- FISA Guidance on Managing Health and Safety in Forestry
<http://ukfisa.com/assets/files/safetyLibrary/MHSF-2014.pdf>
- FISA - Landowner Checklist for a Worksite
<http://ukfisa.com/assets/files/safetyLibrary/Site-Safety/Worksite-Management-for-Landowner-FWM-and-Contractor-May-2015.pdf>
- FISA – Lone Working Leaflet
<https://www.ukfisa.com/assets/files/safetyLibrary/Health-and-Welfare/Lone-Working---FISA-Info-Leaflet-004-0415.pdf>

- FISA 802 - Emergency planning
<http://ukfisa.com/assets/files/safetyLibrary/FISA%20802%20Emergency%20Planning.pdf>
- FISA 803 – Firefighting
<http://ukfisa.com/assets/files/safetyLibrary/FISA%20803%20Firefighting.pdf>
- FISA – Urea Storage and Handling Info Leaflet
<https://www.ukfisa.com/assets/files/safetyLibrary/Health-and-Welfare/Urea-Adblue-Storage-and-Handling---FISA-Info-Leaflet-005-0116.pdf>

FISA (Forest Industry Safety Accord) – Safety Guides

List of FISA Safety Guides:

<http://ukfisa.com/safety-information/safety-library/fisa-safety-guides.html>

FISA 102- Pre-planting spraying of container-grown seedlings

<http://www.ukfisa.com/assets/files/safetyLibrary/FISA%20102%20Spraying%20of%20seedlings.pdf>

FISA 103 -Planting

<http://www.ukfisa.com/assets/files/safetyLibrary/FISA%20103%20Planting.pdf>

FISA 104 – Fencing

<http://ukfisa.com/assets/files/safetyLibrary/FISA%20104%20Fencing.pdf>

FISA 202 – Application of pesticides by hand-held equipment

<http://ukfisa.com/assets/files/safetyLibrary/FISA%20202%20Application%20of%20pesticides.pdf>

FISA 203 - Clearing saw

<http://ukfisa.com/assets/files/safetyLibrary/FISA%20203%20Clearing%20Saw.pdf>

FISA 204 - Flails and mulchers in tree work

<http://ukfisa.com/assets/files/safetyLibrary/FISA%20204%20Flails%20and%20Mulchers.pdf>

FISA 301 - Using petrol driven chainsaws

<http://ukfisa.com/assets/files/safetyLibrary/FISA-AA-301-Petrol-driven-chainsaws.pdf>

FISA 302 - Basic chainsaw felling and manual takedown

<http://ukfisa.com/assets/files/safetyLibrary/FISA-AA-302-Basic-chainsaw-felling.pdf>

FISA 303 - Chainsaw snedding

<http://ukfisa.com/assets/files/safetyLibrary/FISA-AA-303-Chainsaw-Snedding.pdf>

FISA 304 – Chainsaw cross-cutting and manual stacking

<http://ukfisa.com/assets/files/safetyLibrary/FISA-AA-304-Chainsaw-cross-cutting.pdf>

FISA 306 - Chainsaw clearance of windblow

<http://ukfisa.com/assets/files/safetyLibrary/FISA-AA-306-Windblown-Clearance.pdf>

FISA 307 - Chainsaw felling of large trees

<http://ukfisa.com/assets/files/safetyLibrary/FISA-AA-307-Felling-large-trees.pdf>

FISA 310 - Use of winches in directional felling and takedown

<http://ukfisa.com/assets/files/safetyLibrary/FISA-AA-310-Use-of-winches.pdf>

FISA 501 - Tractor units in tree work

<http://ukfisa.com/assets/files/safetyLibrary/FISA%20501%20Tractor%20units.pdf>

FISA 502 - Extraction by skidder

<http://ukfisa.com/assets/files/safetyLibrary/FISA%20502%20Extraction%20by%20Skidder.pdf>

FISA 503 - Extraction by forwarder

<http://ukfisa.com/assets/files/safetyLibrary/FISA%20503%20Extraction%20by%20forwarder.pdf>

FISA 504 - Extraction by cable crane

<http://ukfisa.com/assets/files/safetyLibrary/FISA%20504%20Extraction%20by%20Cable%20crane.pdf>

FISA 506 - Extraction by horse

<http://ukfisa.com/assets/files/safetyLibrary/FISA%20506%20%20Extraction%20by%20Horse.pdf>

FISA 601 - Mobile circular saw bench

<http://ukfisa.com/assets/files/safetyLibrary/FISA%20601%20Circular%20Saws.pdf>

FISA 602 - Mobile peeling machine

<http://ukfisa.com/assets/files/safetyLibrary/FISA%20602%20Mobile%20Peeler.pdf>

FISA 603 - Mechanical harvesting

<http://ukfisa.com/assets/files/safetyLibrary/FISA%20603%20Mechanical%20Harvesting.pdf>

FISA 604 - Wood chippers

<http://ukfisa.com/assets/files/safetyLibrary/FISA%20604%20Woodchippers.pdf>

FISA 605 - Mechanical roadside processing

<http://ukfisa.com/assets/files/safetyLibrary/FISA%20605%20Roadside%20Processing.pdf>

FISA 607 - Firewood processors

<http://ukfisa.com/assets/files/safetyLibrary/FISA-AA-607-Firewood-processors.pdf>

FISA 701 - ATV quad bikes

<http://ukfisa.com/assets/files/safetyLibrary/FISA%20701%20ATV%20Quad%20Bikes.pdf>

FISA 702 - All-terrain vehicles

<http://ukfisa.com/assets/files/safetyLibrary/FISA%20702%20All%20terrain%20vehicles.pdf>

FISA 703 - Debogging and recovery of forestry machines

<http://ukfisa.com/assets/files/safetyLibrary/FISA%20703%20Debogging.pdf>

FISA 704 - Excavators in tree work

<http://ukfisa.com/assets/files/safetyLibrary/FISA%20704%20Excavators%20in%20tree%20work.pdf>

FISA 705 - Steep slope working in forestry

<http://ukfisa.com/assets/files/safetyLibrary/FISA%20705%20Steep%20slope%20working.pdf>

FISA 804 - Electricity at work: Forestry

<http://ukfisa.com/assets/files/safetyLibrary/FISA%20804%20-%20Electricity.pdf>

FISA 805 - Training and certification

<http://ukfisa.com/assets/files/safetyLibrary/FISA%20805%20Training%20and%20Certs.pdf>