|  |  |  |  |
| --- | --- | --- | --- |
| Site: |  | **Contract Number:** |  |
| **Assessed by:** | **Name:** |  | **Position:** |  | **Date:** |  |
| **Signed:** |  |  |
| **Description Of Work:** | Felling or pruning trees – not circular saw work. |
| **Task / Job Component** | Hazard | **Persons at risk** | **Risk Rating L/M/H** | **Controls / Precautions to Reduce Risk** | **Residual Risk Rating****L/M/H** |
| Treework. | Fire. | Tree surgeons, other workers, members of the public. | **H** | Prohibit burning.* Burning manned until extinguished.
* Designated area for burning and approval from the Environment Agency (EA).
* Refill fuel tanks 4m away from sources of ignition.
* Use explosion-proof and spill-proof fuel cans.
* Fuel separated from cab area by solid bulkhead, well ventilated or in open back of vehicle.
* No smoking rule.
 | **L** |
|  | Accidents requiring first aid. | Tree surgeons, other workers, members of the public. | **H** | Ensure there are trained first-aiders and a first-aid kit on site.Access to a telephone / mobileMeans of rescue of injured person  | **L** |
|  | Electrocution. | Tree surgeons, other workers, members of the public. | **H** | Survey for overhead power lines and precautions in accordance with GS6. | **L** |
|  | Vibration. | Tree surgeons, other workers, members of the public. | **H** | Wearing of gloves where possible, or other means to keep hands warm.* Rotation of the work.
* Frequent maintenance of the saws.
* Purchase of saws with the lowest vibration.
 | **L** |
|  | Noise. | Tree surgeons, other workers, members of the public. | **H** | Wearing of ear defenders.* Frequent sharpening of tools.
 | **L** |
|  | Fall of material/tools. | Tree surgeons, other workers, members of the public. | **H** | A manned Dropping Zone agreed for each operation.* Tools raised by line.
 | **L** |
|  | Fall from height. | Tree surgeons, other workers, members of the public. | **H** | Safety harnesses and safety rope system with a daily inspection regime.* Qualified users only.
* Free climbing prohibited.
* Use of MEWP wherever reasonable and if tree is decayed.
* Use of pole pruners for low level branches.
* Use of ladders should be avoided.
 | **L** |
|  | Structural failure of access equipment. | Tree surgeons, other workers, members of the public. | **H** | Regular inspection.* Clear marking of safe working load and number of persons the equipment is capable of carrying safely.
* User inspection.
* Prohibit any adaptation or alternative use for lifting materials.
 | **L** |
|  | Unauthorised access. | Tree surgeons, other workers, members of the public. | **H** | Isolate/immobilise powered access equipment when not in use.* Remove all other equipment when not supervising work area.
* Erect barriers or rope and signs around the dropping zone.
* Stable stacking.
* Use of stop/go signs.
* Other workers to be made aware of tree operations.
 | **L** |
|  | Manual handling. | Tree surgeons, other workers, members of the public. | **H** | Training.* Use of mechanical handling equipment.
* Appropriate use of breaker bar, log tongs and high lift wedges (or felling cushions).
 | **L** |
|  | Weather. | Tree surgeons, other workers, members of the public. | **H** | Suspend work during strong winds, poor visibility or icy conditions. | **L** |
|  | Damage to underground services. | Tree surgeons, other workers, members of the public. | **H** | Study utility plans and check with a cable avoiding tool (CAT).Protect services with heavy duty road plates, bog mats or avoid drops.  | **L** |
|  | Use of chippers. | Tree surgeons, other workers, members of the public. | **H** | Training.* Guard and protection device fitted, checked and maintained regularly.
* No loose clothing, eye and hearing protection worn.
* Push stick for short material.
 | **L** |
|  | Vehicle movements. | Tree surgeons, other workers, members of the public. | **H** | Signage in accordance with Chapter 8 of the Traffic Signs Manual.* Use of a Banksman for all reversing.
* CCTV on vehicles.
* Wearing of high-visibility clothing.
 | **L** |
|  | Injury from chainsaws. | Tree surgeons, other workers, members of the public. | **H** | Maintenance and inspection regime for all saws.* Only operators who have been trained on the specific type of saw.
* Saw chain brake and inertia test before use.
* Operator procedure for repair.
* Wearing of protective clothing and footwear.
* Members of the public and other workers prohibited from collecting from site.
* Personal first-aid kit.
 | **L** |
|  | Slips and trips. | Tree surgeons, other workers, members of the public. | **H** | Safety footwear.* Continual tidy working methods.
 | **L** |
| **Site-specific Activities** | **Additional Site–specific Hazards** | **Persons at risk** |  | Additional Controls Required |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

**Likelihood**

How often could the hazard occur? Consider the task, frequency, duration, method of work, employees involved.

**Severity**

How serious would the hazard’s effects be if

realised? Consider the type of hazard, biological, ergonomic, physical and chemical.

**Risk =** Likelihood x Severity

E.g. Likelihood (4) X Severity (3) = 12 **HIGH RISK**