|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Site / Area: |       | Date of Assessment |       | Risk Assessment # | **069RA** |
| Completed by (name) |       | Signature |       |
| In Consultation with: |       | Signature |       |
| Identify / describe activity, equipment, area or event you are assessing: | **Chainsaw Petrol** |
| Authorised by: |       | Signature: |      Template only MUST modify to site conditions | Date: |       |
| In conjunction with this risk assessment, training / education and development of a relevant SOP may be required. |
| **Step 1:** **Identify the hazard/s / Impact:**What do you believe are the hazards?What could happen? | **Step 2: Assess the potential risks:**What do you believe are the risks?How could this happen? | **Step 3: Reducing the risk:**What do you believe can be done to reduce the risk?Controls |
| **Plant & Equipment*** Incompetent operator
 | * Death
* Serious injuries
 | * Workers to be verified as competent and must assess work area conditions
* Workers to wear full chaps, safety helmet, safety visor and protective clothing
* All persons in vicinity advised to wear safety goggles.
* No untethered animals to be nearby
* Chain to be handled only when saw has stopped and then gloves are to be worn
* Replace chain cover when not in use
* Ensure brake is applied when not in use
* Two (2) people should be present when undertaking chainsaw work
 |
| **Machinery & Equipment*** Cutting chain could break
 | * Amputations
* Cuts
* Abrasions
 | * Provide workers with approved training in the safe use of chainsaws.
* Provide appropriate PPE e.g. gloves and chaps (leg protection).
* Develop and implement a Safe Work Practice before use.
* Ensure new users are trained and supervised and are deemed competent before being allowed to use the chain saw on their own.
 |
| **Machinery & Equipment*** Flying objects
 | * Cuts
* Abrasions
* Eye injury
* Head injury
 | * Wear protective clothing, steel-toe capped boots, heavy-duty gloves, hard hat, full visor and safety glasses.
 |
| **Hazardous Manual Tasks*** Vibration
 | * Muscular skeletal injuries
* White finger syndrome
 | * Where possible have material to be cut at waist height.
* If having to bend to cut material do not work in this manner for prolonged periods.
* Wear heavy-duty gloves.
* Do not use for prolonged time, especially if experiencing tingling sensation in fingers/hand (seek medical advice).
 |
| **Hazardous Chemicals (petrol operated)*** Fire / explosion / hot parts / fumes
 | * Burns
* Inhalation of fumes
* Inhalation may irritate people
* Splash to eye
* Contact with skin
 | * Do not refuel while machine is operating and hot
* Refuel in a well-ventilated area
* Check the fuel cap regularly for leaks.
* Do not allow muffler to come in contact with combustible material.
* Do not touch muffler.
* Wipe up any spills.
* Have spill kit available
* Safety data sheet available
* Appropriate PPE available for decanting petrol
* Petrol is stored in appropriate containers in a secured area (preferable flammable goods cabinet)
 |
| **Machinery & Equipment*** Kickback
 | * Muscular skeletal injuries
* Cuts
* Abrasions
* Amputations
 | * Keep cutting blade away from fences, rocks etc.
* Keep Chainsaw well clear from any body parts in case kickback occurs
 |
| **Gravity*** Falling tree branches
 | * Death
* Serious injury
 | * Operator to be vigilant and assess likelihood of falling branches before starting work.
* Safety footwear and helmets to be worn
* No work to be undertaken on extremely windy days.
 |
| **Other:** |  |  |
| **Review hazard / risk assessment if task or circumstances change & at intervals appropriate to the level of risk (minimum 5 years)** |
| **Step 4: Monitor & Review:** |
| Were the controls effective? | Were there any unforeseen hazards / incidents? | New controls |
| Yes | [ ]  | No | [ ]  | Yes | [ ]  | No | [ ]  |
|  |  |  |
| Name: |  | Signature |  | Date |  |