



CHEMICAL APPLICATION EQUIPMENT



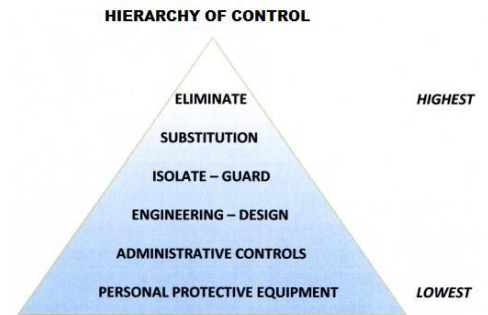
Business Name & Address: _____ **Property Name/PIC:** _____

Audit Team: _____ **Audit Date:** ____/____/____

Description _____ **Make / Model:** _____ **Asset ID # (if applicable)** _____

RISK CALCULATOR	LIKELIHOOD – The likelihood of the exposure causing injury to a person given the frequency of exposure				
	ALMOST CERTAIN <i>Is expected to occur in most circumstances</i>	LIKELY <i>Will probably occur in most circumstances</i>	POSSIBLE <i>Might occur at sometime</i>	UNLIKELY <i>Could occur at sometime</i>	RARE <i>May occur in exceptional circumstances</i>
CATASTROPHIC <i>Death or permanent disability</i>	EXTREME	EXTREME	EXTREME	EXTREME	HIGH
MAJOR <i>Serious bodily injury</i>	EXTREME	EXTREME	EXTREME	HIGH	HIGH
MODERATE <i>Casualty Treatment</i>	EXTREME	HIGH	HIGH	MODERATE	MODERATE
MINOR <i>First aid only, no lost time</i>	HIGH	HIGH	MODERATE	LOW	LOW
INSIGNIFICANT <i>No injuries</i>	HIGH	MODERATE	LOW	LOW	LOW

RISK CLASS	ACTION REQUIRED
OK or Not Applicable	No Foreseeable Risk - <u>OK</u> for now; <u>Review</u> if any equipment/people/materials/work methods or procedures change. <u>Or</u> this particular inspection item is <u>Not Applicable</u> to this workplace
EXTREME	Extreme Risk - <u>Act Now</u> Do something about these risks immediately. Stop the task until the hazard is controlled and the risk managed.
HIGH	High Risk - <u>Act As Soon As Possible</u>. Do something to manage these risks as soon as possible. Consultant with Management
MODERATE	Moderate Risk - Develop a <u>PLAN</u> to manage these risks / note any suggestions on how the risk might be managed.
LOW	<u>OK</u> for now <u>Review</u> if any equipment/people/materials/work methods or procedures change.



IDENTIFIED HAZARDS	OK or NA	EXTREME (Act Now)	HIGH (Act ASAP)	MODERATE (Plan)	LOW (Review)
GUARDING					
1. If the spray applicator is tractor powered, is it fitted with an approved Roll-Over Protective Structure or Cab?					
2. Are the power take-off (PTO) outlets and drive shafts guarded or fitted with protective covers?					
3. Is the condition, of steps and handrails, on tractors or applicators, sufficient to prevent trips, slips & falls?					
4. Are all relevant guards in place and in good condition on the sprayer?					
SAFE OPERATING PROCEDURES					
5. Are operator manuals available for each machine?					

IDENTIFIED HAZARDS		OK or NA	EXTREME (Act Now)	HIGH (Act ASAP)	MODERATE (Plan)	LOW (Review)
6.	Is routine maintenance and service undertaken on all plant and machinery as per the operators' manual?					
7.	Are brakes, steering and tyres functional and within safe operational limits?					
8.	Is ear protection that meets the Australian Standard available for machine operators?					
9.	Are all exhaust systems functioning properly?					
10.	Are lights, reflectors, screens and mirrors clean and functional?					
11.	Are applicator or tractor cabs fitted with activated charcoal filters when used for pesticide application?					
12.	Are chemical filters stored in an appropriate container when not in use?					
13.	Have any modifications to the applicator or tractor altered the designed safety aspects of the machine?					
14.	Has the oil level and diaphragm pressure been checked on the chemical spray pump?					
15.	Are the hoses, nozzles, and spray boom in good working order with no visible leaks or cracks?					
16.	Has the machine been run and tested under operating pressure for leaks?					
17.	If the spray applicator has been fitted with an air assist system, has the system been checked for torn or worn parts during maintenance?					
18.	Is a first aid-kit accessible by the operator of the applicator within its working environment?					
19.	Is a fire extinguisher accessible by the operator of the applicator within its working environment?					
20.	Are maintenance records available for inspection?					
21.	Is there a chemical spill kit and first aid kit available in the worksite?					
22.	Are relevant staff been briefed on clean-up procedures and the correct use of the emergency spill kit?					
23.	Date of the last spray applicator calibration, and are there records of this procedure?					
24.	Are operator manuals available for each machine?					

IDENTIFIED HAZARDS	OK or NA	EXTREME (Act Now)	HIGH (Act ASAP)	MODERATE (Plan)	LOW (Review)
POLICIES					
25. Is it a known and observed policy that children are kept away from machinery? (No Rider Policy)					
26. Is there a policy of removing keys and leaving machines in a safe condition after use?					
27. Is there a policy and procedure for decontaminating the application machinery immediately after each use?					
28. Is the area or animal to be treated suitable for the operation of the applicator, sprayer or vehicles selected?					
29. Is there a policy that all persons who use farm chemicals have a current <i>AusChem</i> certificate?					
30. If the business applies Ag chemicals on a commercial basis, do the operators hold a current ACDC license?					
31. Is there a policy and procedure in place that requires a risk assessment of all hazardous substances prior to purchase for use in this workplace?					
32. Is there a policy and procedure in place of notifying neighbouring properties and persons of any intending spray activity?					
33. Have staff been briefed on the spray awareness zone around the property to be sprayed?					
34. Are Hazardous substances, that are determined to be <u>Dangerous Goods</u> , stored in accordance with <i>Queensland Work Health & Safety Regulation 2011 s.351</i> ?					
35. Is there a policy and procedure in place for briefing staff on environmental hazards, metrological conditions and environmentally sensitive areas within the spray zone?					
36. Is there a policy and procedure in place to undertake a Job Safety Analysis of the application task?					
ADDITIONAL HAZARDS					
37.					
38.					
39.					

RISK ASSESSMENT AND MANAGEMENT RECORD

HIERARCHY OF CONTROLS PLANNED OR IMPLEMENTED

Item #	Date	Identified Hazard	Assessed Risk Level	Control 1 Eliminate	Control 2 Substitute	Control 3 Isolate or Guard	Control 4 Redesign or Engineering	Control 5 Administration	Control 6 PPE

IMPLEMENTATION AND CONTROL SHEET

Item #	RISK MANAGEMENT ACTION REQUIRED	Responsible Person	Cost \$	Target Date	Date Actioned	Revised Risk Level after Action