



QPL10002

ISSUE DATE: 09/01/2017 **REVIEW NO: 5**

SPP PTY LTD T/A ECOPLANT AUSTRALIA & SEEDDOWN PROFESSIONAL PLANTING WORK HEALTH AND SAFETY RISK REGISTER 2022

Category	Description of Hazard/Risk		Raw R ssessr C		Legislation	Standards/Codes	Procedures/Requirements	Controls	Residua Risk Rating
Chemicals	Chemical exposure - acute or chronic: inhalation absorption ingestion injection Fire or Fire and/or explosion through incorrect storage, handling, labeling or mixing of chemicals New chemicals with uncertain properties arising from research and subsequent health and environmental affects Time sensitive chemicals that can become unstable during storage Production of hazardous wastes Environmental contamination due to accidental leakage, spills, emissions: air	В	4	E21	WHS Act 2011 WHS Regulations 2017: Agricultural Chemicals Distribution Control Act 1966 Current as at 22 October 2015 Agricultural Chemicals Distribution Control Regulation 1998 Current as at 1 July 2015 Chemical Usage (Agricultural and Veterinary) Control Act 1988 Current as at 22 October 2015 Chemical Usage (Agricultural and Veterinary) Control Regulation 1999 Current as at 1 July 2015	STANDARDS: AS 1692 Steel Tanks for Flammable and Combustible Liquids AS/NZS 1020 The Control of Undesirable Static Electricity AS 1940 The Storage and Handling of Flammable and Combustible Liquids CODES OF PRACTICE: The Australian Dangerous Goods Code Edition 7.4 Australian Code for the Transport of Dangerous Goods by Road & Rail Transport Operations (Road Use Management—Dangerous Goods) Regulation 2008 Managing risks of hazardous substances in the workplace Code of Practice 2013 Labelling of workplace hazardous substances Code of Practice 2011 A guide for flammable and combustible liquids under the Work Health and Safety Act 2011	PROCEDURES: Safety Data Sheets (SDS) Personal Protective Equipment Policy Personal Protective Equipment (PPE) Procedure Hazardous Substances Policy Hazardous Substances Procedure Weed Control Herbicide Spraying SAFE WORK PROCEDURE	Chemical Risk Assessments Pre-purchase checklist - chemicals Correct labelling, storage and segregation Scheduled workplace assessments that include chemical assessment Time sensitive chemical assessment Emergency procedures for accidental release/spillage Employee health monitoring(where applicable) Chemical Management Training Personal protective equipment	M7

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	water soil/ground							Hazardous Substances Register	
Electrical	Use of faulty equipment Use of uncertified electrical equipment Incorrect and/or faulty electrical installation Working near overhead or underground services	В	5	E23	Work Health and Safety Act 2011 QLD Electrical Safety Act 2002 QLD Electrical Safety Regulation 2013	CODES OF PRACTICE: • Electrical safety code of practice 2013 Managing electrical risks in the workplace • Electrical safety code of practice 2010 Working near overhead and underground electric lines • Managing risks of plant in the workplace Code of Practice 2013	PROCEDURES: Isolation and Lock Out/Tag Out Policy Isolation and Lock Out/Tag Out Procedure Plant and Equipment Safety Policy Plant and Equipment Safety Procedure	 Pre-purchase safety considerations Visual inspections for damage Scheduled testing and tagging of portable electrical equipment Tag out and remove from service damaged or faulty equipment Qualified and competent electrical workers for design, manufacture and testing Electrical installation by licensed electricians Use of RCDs RCD testing program Signage 	M10
Plant and Equipment	Injury / Health impacts Lack of operator competency / training Unassessed plant and equipment	А	4	E24	Work Health and Safety Act 2011 Work Health and Safety Regulation 2017	 CODES OF PRACTICE: Forest harvesting Code of Practice 2007 How to manage work health and safety risks Code of Practice 2011 Managing risks of plant in the workplace Code of Practice 2013 	PROCEDURES: • Plant Registers • Plant and Equipment Safety Policy • Plant and Equipment Safety Procedure	 Plant Registers Pre purchase safety considerations Plant Hazard and Risk Assessments 	M12

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	Lack of/inappropriate guarding Unrestricted access Poorly managed or maintained plant Adverse impact on the environment: Refer to "Electrical"					Electrical safety code of practice 2013 Managing electrical risks in the workplace Electrical safety code of practice 2010 Working near overhead and underground electric lines	Isolation and Lock Out/Tag Out Policy Isolation and Lock Out/Tag Out Procedure Slashing Safe Work procedure Tractor Safe Work procedure Hitching Implements Safe Work procedure Plant and Equipment Replacement Policy and Procedure	 Guarding and engineering controls Emergency stops Training and supervision Restricted access Scheduled maintenance Safe Work Procedures Tag Out Procedures Personal protective equipment Waste removal Removal of decommissioned plant 	
Noise	 Hearing impairment Noise in excess of the exposure standards Distracting noise Noise impact on surrounding community 	A	3	E22	Work Health and Safety Regulation 2011 Work Health and Safety Act 2017 Work Health and Safety Act 2017	STANDARDS: AS 1055 (series) Acoustics – Description and Measurement of Environmental Noise AS 1269 (series) Occupational Noise Management CODES OF PRACTICE: Managing noise and preventing hearing loss at work Code of Practice 2011 QLD Work health and safety consultation, co-operation and co-ordination Code of Practice 2011	PROCEDURES: Personal Protective Equipment Policy Personal Protective Equipment (PPE) Procedure Occupational Noise Policy Occupational Noise Procedure	Purchasing less noisy plant and equipment Pre-purchasing checklist Acoustic engineering controls Noise Risk Assessments Audiometric screening PPE - hearing protection Hearing protection training	L5

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		_						Signage Safe Work Procedures	
Traffic/Driving on forestry roads	Injury and/or property damage Uncontrolled vehicle access on forestry roads Interaction of vehicles, log haulage trucks, public vehicles including trail bikes Speed Unauthorised and/or unsafe parking Weather conditions	В	4	E21	WHS Regulations 2017 Queensland Transport Operations (Road Use Management) Act 1995	STANDARDS: AS/NZS 4602 - 1999 High Visibility Safety Garments CODES OF PRACTICE: Forest harvesting Code of Practice 2007 How to manage work health and safety risks Code of Practice 2011	PROCEDURES: • Safety Management System (SMS) Manual	Traffic management: Controlled access onto compartments Designated parking spaces Speed limits on haulage routes Designated delivery points Traffic signs Safe Work Procedures	H12
Psychosocial	Occupational stress Workplace bullying and harassment Occupational violence Fatigue	В	4	E21	WHS Act 2011 WHS Regulations 2017	CODES OF PRACTICE: GUIDANCES: Dealing with bullying at work (a guide for workers) (WorkSafe WA) Dealing with workplace bullying - a worker's guide (Safe Work Australia) Guide for preventing and responding to workplace bullying (Safe Work Australia) Guide for managing the risk of fatigue at work (Safe Work Australia) Fatigue management - a worker's guide (Safe Work Australia)	PROCEDURES: Safety Management System (SMS) Manual- Fatigue Management Consultation and Communication Policy Consultation and Communication Procedure Safety Issue Resolution Policy	 Case and Injury Management Support Counseling support services Grievance and dispute resolution process Open communication channels WHS training including induction 	L5

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							Safety Issue Resolution Procedure		
Working Outdoors	Exposure to adverse weather conditions: uncontrolled environment thermal (heat cold) ultraviolet light exposure o rain o win d o light ning	A	3	E22	WHS Act 2011 WHS Regulations 2017	STANDARDS: AS/NZ 4399 – Sun protective clothing: evaluation and classification AS/NZ 2604 – Sunscreens: evaluation and classification CODES OF PRACTICE: How to manage work health and safety risks Code of Practice 2011 GUIDANCES: Guidance Note for the Protection of Workers from Ultraviolet Radiation in Sunlight [NOHSC:3012 (1991)] The Cancer Council Australia – Policy Guidelines, and Guide for Employers	PROCEDURES: • Sun Safety & Extreme Weather Procedure • Sun Safety & Extreme Weather Policy	Risk assessments Scheduled work at appropriate times, seasons and weather conditions PPE: Wet weather gear Long sleeved clothing Sunhats Sunglasses Sunscreen Safe Work Procedures	L5
Workshops	Injury and/or property damage Unassessed plant and equipment Poorly maintained equipment Lack of/inappropriate guarding Lack of operator competency / training Hazards associated with the work	Α	3	E22	WHS Act 2011 WHS Regulations 2017	STANDARDS: CODES OF PRACTICE: Health and Safety in Welding – Tech Note 7 Hazardous manual tasks Code of Practice 2011 First aid in the workplace Code of Practice 2014 Labelling of workplace hazardous chemicals Code of Practice 2011 Managing risks of hazardous chemicals in the workplace Code of Practice 201	PROCEDURES: • Workplace Inspections • Safety Risk Management • Electrical Equipment • Electrical Equipment Testing and Tagging • Plant and Equipment GUIDELINES:	Specialised facilities, restricted access Appropriate selection and maintenance of equipment, tools and chemicals Training, including induction Good housekeeping Personal protective equipment Management of wastes	L5

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	undertaken. For example: mechanical equipment electrical equipment industrial chemicals fumes wastes Unrestricted access Refer to specific hazard classifications						Eyewash and Emergency Showers Work Environment, plant and equipment - inspection, testing and monitoring	Safe Work Procedures	
Confined Spaces	Asphyxiation Entrapment Unrestricted access to confined spaces Inadequate risk assessment of confined space Inadequate identification of confined space Poorly ventilated workplaces	В	4	E21	WHS Act 2011 WHS Regulations 2017:	STANDARDS: • AS/NZS 2865 Safe Working in a Confined Space CODES OF PRACTICE: • Confined spaces Code of Practice 2011 GUIDANCES: • HB 213 Guidelines for Safe Working in a Confined Space	PROCEDURES: Permit to Work Safety Risk Management Safety Management System (SMS) Manual GUIDELINES:	 Confined space requirements Confined space register Confined space entry permit system Confined space entry training Confined space entry training Safety signage Restricted access 	L5

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Working at Heights Above 2 Metres	Fall from height/trees Working close to an edge unprotected Unsuitable working environment: adverse weather conditions (wind and rain) Unsecured equipment Inappropriate use of access and/or fall arrest equipment Faulty, poorly maintained or inappropriate use of: o Ladders o harnesses and o lanyards o anchor points	В	4	E21	WHS Act 2011 WHS Regulations 2017	STANDARDS: AS/NZS 1891 (series) Industrial Fall-Arrest Systems and Devices AS/NZS 1576 (series) Scaffolding AS 1577 Scaffold Planks AS/NZS 4576 Guidelines for Scaffolding AS/1657 Fixed Platforms, Walkways, Stairways and ladders – Design, Construction and Installation AS/NZS 1892 (series) Portable Ladders CODES OF PRACTICE: Managing the risk of falls at workplaces Code of Practice 2011 QLD	PROCEDURES: • High Risk Work Procedure • High Risk Work Policy • Safety Management System (SMS) Manual GUIDELINES:	 Fall arrest and anchor point systems Height safety training Fall arrest training and (Emergency Plans) Accessing heights under suitable weather conditions (e.g. not raining and little/no wind) Restricted access and entry points Ladder training Barricading Equipment testing Safe Work Procedures 	M14
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Manual Handling and Ergonomics	Manual handling tasks/activities that include the following characteristics: orepetitive or sustained application of force orepetitive or sustained awkward posture orepetitive or sustained awkward posture orepetitive or sustained movement orepetitive or sustained movement orepetitive or sustained movement orepetitive or sustained with force orepetitive or sustained with force orepetitive or sustained with a sustained vibration handling of unstable or unbalanced loads or loads which are difficult to grasp or hold	A	3	E22	WHS Act 2011 WHS Regulations 2017	STANDARDS: National Standard for Manual Tasks (Commonwealth) See also Section 20 Workplace, Environment and Facilities CODES OF PRACTICE: Hazardous manual tasks Code of Practice 2011 National Code of Practice – Occupational Overuse Syndrome National Code of Practice for Prevention of Musculoskeletal Disorders from Performing Manual Handling tasks at Work (Commonwealth)	PROCEDURES: • Manual Handling Policy • Manual Handling Procedure	Manual handling risk management plans Manual handling training	M7
Hot Work	 Fire and/or explosion Injury and/or property damage Conducting hot work outdoors during a total fire ban 	Α	5	E25	WHS Act 2011 WHS Regulations 2017	 STANDARDS: AS 1335 Hoses and Hose Assemblies for Welding, Cutting and Allied Processes AS/NZS 1338.1 Filters for Eye Protectors - Filters For Protection Against Radiation Generated In Welding And Allied Operations AS 1674 (series) Safety In Welding And Allied Processes CODES OF PRACTICE: Health and Safety in Welding – Tech Note 7 	PROCEDURES: Hot Work Permit Contractor Safety Policy Contractor Safety procedure High Risk Work Procedure High Risk Work Policy Safety Management System (SMS) Manual	Contractor and workshop requirements Hot work permit system Firefighting equipment Scheduled maintenance for hot work plant and fire detection and fighting equipment Scheduled evacuations and exercises	L5

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						GUIDANCES: • Gas Welding Safety Flashback Arresters			
Smoking	Passive smokingFiresGeneration litter/butts	С	5	E20	WHS Act 2011 WHS Regulations 2017 The Tobacco Products Control Act 2006 Tobacco Products Control Regulations 2006	STANDARDS: CODES OF PRACTICE: GUIDANCES: Appendix to NOHSC guidance note on elimination of tobacco smoke Guidance Note on Elimination of Environmental Tobacco Smoke in the Workplace (NOHSC: 3019 (2003)]	PROCEDURES: • Smoking Policy	 No smoking outside of designated areas Ecoplant Australia & Seeddown Professional Planting Signage Safety Management System (SMS) Manual 	L5
Alcohol and Other Drugs	Injury / health impacts Effect on performance Inappropriate behaviour Discarded needles	В	4	E21	WHS Act 2011 WHS Regulations 2017	STANDARDS: CODES OF PRACTICE: GUIDANCES: Alcohol and Other Drugs at the Workplace Australian Drug Information network web site (Commonwealth)	PROCEDURES: • Safe Work Procedures	Safety Management System (SMS) Manual Random drug and alcohol testing	L5
Clients, Customers and General Public	Injury and/or property damage Unfamiliar with WHS procedures				WHS Act 2011 WHS Regulations 2017	STANDARDS: CODES OF PRACTICE:	PROCEDURES: • Contractor Safety and Health Policy	Maintenance and lighting Direct and indirect supervision	L

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							Ecoplant Australia & Seeddown Professional Planting WHS policy, procedures, alerts, contractual documentation.	InductionsPublic liability insurance	
Contractors	Unfamiliar with workplace and WSH procedures High risk and/or specialised tasks Work that adversely impacts on the Business and/or Ecoplant Australia & Seeddown Professional Planting personnel and/or environment Conducting unsafe work practices in conflict with procedures	С	3	H15	WHS Act 2011 WHS Regulations 2017 Refer to specific hazard classification for legislation	Refer to specific hazard classification for Standards/Codes/Guidances STANDARDS: • National Occupational Health and Safety Certification Standard for Users and Operators of industrial Equipment (NOHSC: 1006 2001) CODES OF PRACTICE:	PROCEDURES: Contractor Safety and Health Policy Inductions Contractor induction Permits to Work GUIDELINES: SWMS Safe Work Procedures	Use of Preferred contractors Contractor agreed scope of works and/or contracts prior to commencing work Contractor induction, SM Plan, SWMS requirements Supervision of works and contractors Contractor performance monitoring and reviews	M7
Working alone	 Working alone Reduction in emergency assistance and support Minimum supervision 				WHS Act 2011 WHS Regulations 2017	STANDARDS: CODES OF PRACTICE: Code of Practice Working Hours GUIDANCES: Working Alone Guidance Note National Guidelines for Working Alone or in a Remote Locality [Commonwealth Safety Management Forum]	PROCEDURES: • Safe Work Procedures • Working Alone policy • Working Alone policy	Risk assessmentsCommunication systemsTraining	M8

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Purchasing	Introducing hazards into the workplace: plant and equipment (including electrical) chemicals and substances personal protective equipment Introducing new and/or uncontrolled wastes	С	3	H15	WHS Act 2011 WHS Regulations 2017:	Refer to specific hazard classification for Standards/Codes/Guidances STANDARDS: CODES OF PRACTICE: GUIDANCES:	PROCEDURES: Safety Management System (SMS) Manual Safe Work Procedures	Pre-purchase safety considerations: o plant and equipment (including electrical) o chemicals and substances o personal protective equipment	L5
Emergency Incident	Uncontrolled emergency incident leading to adverse outcomes: o Loss of life o injury or illness o Property damage o Environmental impacts Loss of communications Loss of services Breakdown in emergency procedures	С	4	H18	WHS Act 2011 WHS Regulations 2017	STANDARDS: • AS/NZS 1841 (series) Portable Fire Extinguishers CODES OF PRACTICE: • First aid in the workplace Code of Practice 2014	PROCEDURES: • Emergency – General • Emergency - Fire & Evacuation GUIDELINES: • Emergency contact information on telephones and maps	 Inductions and training Trained first aiders Scheduled evacuations and exercises Task/activity specific emergency procedures and plans 	L5
Legal Compliance	Injury and/or property damage Prosecution and fines	С	4	H18	WHS Act 2011 WHS Regulations 2017	STANDARDS: AS/NZS 4804 Occupational health and safety management systems - General guidelines on principles, systems and supporting techniques	Safety Management System (SMS) Manual Safe Work Procedures	Risk assessmentsLicenses, Permits and AgreementsAuthorising Officers	L5

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 Intervention programs Reputation damage to the Business Loss of contracts 	 Environmental Protection Act 1994 Environmental Protection Regulation 2008 	AS/NZS 4801: Occupational health and safety management systems - Specification with guidance for use AS/NZS ISO 31000:2009 Risk Management – Principles and Guidelines CODES OF PRACTICE:	Legal and Other Requirements Register	 Records management and data control Internal auditing External auditing Incident reporting, recording and management 	
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