



CHIP AND SPRAY

RA NO

DATE

H.T.I Score	8	Medium-Regular Monitoring/ Supervision
Contract		
Persons involved in RA	Name	Signatures
Foreman		
Second Foreman		
Safety Officer		
Representative		

Documentation Required	Training Required	PPE and Safety Equipment Required
OHS Act and Construction Regulations	General induction – all employees	Overalls
Appointment 6(1)	Toolbox talks	Safety Footwear
Appointments Plant/ Vehicle Operators	First Aider	Dust Masks
Appointment First Aider	Operating Tipper	Eye Protection
Competency Operator	Operating Sprayer	Gloves
Competency First Aider	Operating Tractor broom	Appropriate signage on vehicles
Plant/ Vehicle registers	Fire precautions	Amber rotating lights
Emergency procedures		Reflective vests
		Fire extinguishers on machines

	Activity Steps	Hazards and Risks	Preventative Measures	Rating
1	Road signs in place at road works	Failure to place road signs can cause injuries to workers and road users, or property damage	Place the correct roadwork signs at the correct distances	11
2	Pre-use inspections	Failure to do pre-use inspections checklist can cause injuries or plant damage	Pre-use inspections to be done to prevent faulty equipment.	8
3	Warming of bitumen in tanker	Fire and burns to operator of distributor or hauler	Use trained operators and keep unauthorized personnel away from area	8
6	Flagman moves cones	Flagman may fall and injure himself	Flagmen to be alternated to allow them to rest. Flagmen to be made aware of dangers. Safety Boots and full overalls to be worn	5
		Cones not positioned correctly may cause traffic to collide with the machines.	Flagmen must position cones correctly so that there is sufficient clearance	11

		Lack of visibility- being struck by traffic may cause serious injuries.	Flagman to wear reflective vest and overalls. Flagman to be made aware of dangers of working on roads.	11
7	Spraying of bitumen on road	Use of incompetent operators can lead to damage, injury and lost time	Use competent operators	11
		High temperature of bitumen may cause burns and property damage	Only authorized employees to be in the working area. Employees to wear full overalls and safety boots	8
8	Tippers hooking up to Chip Spreader	Incorrect positioning of tipper, or reversing too far may cause property damage.	Banks man to guide tipper into position	8
		Persons manually hooking tipper to spreader could be injured if they are caught in-between the tipper and spreader	Hydraulic hooking system to be used. Persons may not go in-between the tipper and the spreader during the hooking process.	11

9	Spread chips	Stones may bounce from road and cause injuries	Warn when starting operation use competent operators keep non-essential personnel away	5
10	Roll stone layer	Rollers colliding with each other can cause injury, damage and lost time	Operators to be aware of plant and machinery movement. Only Competent operators to be used	8
11	Broom road	Flying stones and dust as broom sweeps	Dust masks and eye protection to be worn	5