

Task/Operation:	Use of pedestrian tractors with mowing, turning and baling attachments		
Group(s) affected:	Operator, assistants and public		
Person(s) undertaking assessment:	Steve Cresswell	Date:	24.05.04
Employee(s) consulted:	Nigel Tomkinson, John Thompson, Alan Cameron		
Union Safety Rep(s) consulted:	Dave Peg		

Reviews			
Next Review Required	Date actually reviewed	Changes Required? (Yes/No)	Assessor Signature
May 2005	20.10.05	No	RTT
20.10.2006			

Hazard	Resultant effect(s)	Before control			State control measures and person responsible to action each one	After control		
		L	S	R		L	S	R
Incorrect use of machinery	Injury to operators and members of the public	3	2	6	Use by trained operators only. Occasional users must be retrained before use.	1	2	2
Poorly maintained machinery	Accident causing Injury to operators and members of the public	3	2	6	Ensure machinery is serviced and maintained to manufacturers standard. Daily checks by operator. Faults reported to machinery manager. Service records to be kept on file.	1	2	2
Moving parts, chains, blades, cutters etc	Injury to digits and limbs - operator	3	2	6	Ensure engine is switched off and parts have stopped moving before attempting maintenance, vegetation removal etc. All operators to be trained. It is an absolute duty to ensure that guards	1	2	2

Hazard	Resultant effect(s)	Before control			State control measures and person responsible to action each one	After control		
		L	S	RR		L	S	RR
					are fitted and maintained.			
Unforeseen accident or illness	Injury, possibly fatal, to operator	2	3	6	No lone working. Site team to carry radio/phone and first aid kit. Carry out pre-use safety check.	2	1	2
Exhaust fumes	Lung damage - operator	2	2	4	Ensure engine and exhaust system are correctly maintained. Do not operate in enclosed area.	1	2	2
Slipping/overturning of equipment due to ground conditions	Injury to operative and anyone close by.	2	2	4	Assess ground conditions prior to starting work. Site-specific risk assessment to be written. Ensure operators are trained and aware of the equipments limitations.	1	2	2
Engine, exhaust and machine noise	Damage to / loss of hearing - operator	3	2	6	Ear defenders to be available and to be worn. Noise assessment to be carried out. Operators should undergo Health Surveillance.	1	2	2
Inhalation of crop dust when using turner or baler	Respiratory problems and/or lung damage to operator. Allergic reactions in respiratory tract.	3	2	6	Plan work across or up wind, to keep operator out of dust cloud. Appropriate dust masks to be available and used if required.	1	2	2

Hazard	Resultant effect(s)	Before control			State control measures and person responsible to action each one	After control		
		L	S	R		L	S	R
Machinery vibration	Hand/Arm vibration Syndrome - Operator	2	2	4	Machine to be tested for vibration and usage limits adhered to. Operators should undergo Health Surveillance.	1	2	2
Driving over feet	Injury to feet - operator and anyone else close by	2	2	4	Wear steel-toe-capped safety boots. Observe safe working distance.	2	1	2
Use of Vehicle and Trailer	Crash: cuts and bruises, broken limbs, crush injuries, possible fatalities.	2	3	6	All drivers to be qualified and to be familiar with ES CoP E5 / CS17 . First driver of the day to carry out daily checks. Hitching of trailer by trained staff only. Load secured by competent staff and checked by vehicle driver. Vehicle and trailer to be parked in safe location.	1	2	2
Loading equipment onto / off of trailers	Manual handling injuries, cuts & bruises, possibly crush injuries.	2	2	4	All to be trained and competent in CGP17 (Safe Manual Handling) . Load must not exceed personal safe lifting capacity. Two or more people to lift load if needed. Wear appropriate gloves to improve grip. Wear steel-toe-capped safety boots.	1	2	2

					Trailer maintenance to be carried out as appropriate.			
Fuel and oil	Skin damage through contact. Explosion/fire.	2	2	4	Take care when refuelling and topping up oil. Refuel when engine is cool. Fuel to be stored in approved containers and stored in safe area whilst working (e.g. shade). Wear gloves. No smoking/naked flames. Spillages to be cleaned up. Appropriate spill kits should be carried in vehicle.	1	1	1

This Assessment is not exhaustive and Management must ensure that work not covered by this Risk Assessment should only be undertaken after a suitable Risk Assessment has been made. Some activities should only be carried out in conjunction with a written safe system of work. The risk ratings in this assessment are established on the basis that the control measures are in place.