




RISK ASSESSMENT		Nature of Safety Subject /Activity: General yard work			FAST SOURCE LTD			
AUTHORED BY:	Shaun Stephenson			APPROVED BY:	SHAUN STEPHENSON			
POSITION:	Safety Consultant			POSITION:	SAFETY CONSULTANT			
DATE:	September 13 <sup>th</sup> , 2021			DATE:	September 13 <sup>th</sup> , 2021			
SIGNATURE:				SIGNATURE:				
HAZARD IDENTIFICATION								
HAZARD (VISUAL IDENTIFICATION):				HAZARD TASK: (DESCRIPTION OF ACTIVITY):				
				Hazards associated with operatives generally working in the yard.				
PERSONS AFFECTED BY THE WORKS								
PERSONS EXPOSED:	PERSONS CARRYING OUT THE TASK	✓	OFFICIAL VISITORS	✓	NUMBER EXPOSED:	5+		
	ON-SITE STAFF	✓	MEMBERS OF THE PUBLIC		DURATION AND FREQUENCY OF EXPOSURE:	Daily		
	SUB-CONTRACTORS	✓	YOUNG PERSONS					
	DRIVERS	✓	OTHER					
RISK EVALUATION								
SEVERITY (S)	Risk Factor (RF)							
(6) Multi-fatal	6	12	18	24	30	36	Very high risk	
(5) Fatality	5	10	15	20	25	30	Very high risk	
(4) Major	4	8	12	16	20	24	High risk	
(3) Notifiable	3	6	9	12	15	18	High risk	
(2) Minor	2	4	6	8	10	12	Medium risk	
(1) Negligible	1	2	3	4	5	6	Low risk	
(1) Very rare					(6) Almost certain		Medium risk	
(2) Remote					(5) Frequent		Tolerable: reduce where practicable	
(3) Occasional			(4) Regular					
LIKELIHOOD (L)							Low Risk	Safe condition.
HAZARD:	CONSEQUENCES WITH NO CONTROL MEASURES	Initial risk rating			CONTROLS	Present risk rating		
		S	L	RF		S	L	RF
Moving plant	Injury to personell Potential for death Damage to plant or other vehicles Damage to nearby structures	6	4	24	Induction to include detailed safety instructions on how to work around plant and where plant will be operating.  All plant operators will have CPCS or equivalent operator safety training.  Any operatives working with plant will have appropriate training to ensure ability to work safely around plant.  Plant and pedestrian routes will be segregated by physical barriers where reasonably practicable.  Exclusion zones and safe working spaces for plant operations will be set up and carefully managed.  Signage indicating where plant could be working will be displayed around the work area.  High visibility clothing will be worn by all operatives on site.	6	1	6










Inexperienced operatives	Potential for death/injury to operative	5	4	20	Only trained and experienced operatives to work with/near crusher  switch off and remove the keys before leaving the crusher unattended.	5	1	5
Moving vehicles	Injury to personell  Potential for death  Damage to plant or other vehicles  Damage to nearby structures	6	4	24	All vehicles report to site office  11mph speed limit in place throughout  Regulated tipping/collection points  Only designated vehicle and pedestrian routes will be used. An operative will be used as a banksman to escort vehicles at any points that vehicles need to cross pedestrian routes	4	2	8
Unsecure wagon loads	Injury to personell  Potential for death  Damage to plant or other vehicles	4	5	20	Loads checked by operator for security/stability  Recommended load capacity will not be exceeded  The loading process will be managed by a an operative acting as a standby man	4	1	4
Transporting plant	Potential for serious injury or fatality if persons hit by vehicles or plant	5	3	15	All plant operators will have CPC or equivalent operator safety training  The low loader driver will be escorted into the site by a banksman  The driver will check the low loader is in adequate condition for loading before allowing plant to be loaded on  The driver will ensure plant and attachments are secure before leaving the site	5	1	5
Site boundary bordering Esseco chemical plant	Potential for mulitple fatalities if explosion or fire near sit boundary spreads to chemical plant	6	4	24	No hot works to be carried out near site boundary  All general waste skips to be kept away from site boundary  Multiple large containers approximately 35 cubic metres in size have been placed next to the site boundary to form a barrier between the yard operations and the site boundary  Continuous communication between the Fast Source management team and the Esseco management team to be maintained	6	2	6
Lone working	Potential death or serious injury to lone worker	5	3	15	Lone working will be avoided where possible  Two-way communication such as with personal radios should be maintained between the site management team and the lone worker  A lone working permit must be completed by the lone worker and approved by a member of the site management team before any lone working is to be carried out	5	1	5

Use of Screener	Injury to personnel Noise	3	4	12	Operatives to use remote facility when transporting screener  Remote controls to be kept in weighbridge cabin when not in use  Screener must be switched off, isolated and lockout padlocks put in place before any maintenance work can begin  Operatives to keep a 5 metre distance from screener whilst in use  Only trained and competent operatives to maintain screener			
Water filled sump	Potential death or serious injury if persons fall into sump	5	4	20	During normal working hours (7am – 4 pm) the sump will be surrounded by physical barriers  Out of hours the sump will be covered by heavy steel plates that would be difficult for a person to lift  The sump will have warning signage displayed around it to ensure people who go near it are adequately warned	5	1	5
Trespassers	Potential for death or serious injury to trespasser and site operatives	5	4	20	During normal working hours (7am – 4 pm) site will be monitored by the site manager and any trespassers will be made to leave  Site is kept secure over night with a padlock on the main gate and a 3 metre boundary fence surrounding the site  The site manager will check for any signs of trespassing every morning and report any signs of trespassing to the directors who will then review the site security measures	5	1	5
Tipper skips	Potential for serious injury if persons trap body parts in tipper skip	4	3	12	All operatives to stay a safe distance from tipper skip when being unloaded  A long tool should be used to push/pull the lever to avoid body parts being trapped.	4	1	4
Use of submersible pump	Potential for serious/minor injury from using pump	3	3	9	Operative will follow the operators instructions for use  Operative will check the pump for damage before use and will quarantine if damaged  All electrical equipment will be PAT tested	3	1	3
Slips, trips and falls	Potential for tripping over debris or tools  Potential for serious injury  Excavator operator could trip when entering/exiting excavator	3	4	12	Designated walkways will be created using excavators and physical barriers where reasonably practicable  Good housekeeping will be maintained, among operatives; walkways kept clear etc. This will be reinforced with toolbox talks  A stable 3 in 1 access ramp should be constructed by the operator to allow easy access to/from the excavator	3	1	3
Working at height	Injury to personell  Potential for death	5	3	15	Work at height will be avoided where possible  Only means of access that have been checked by a competent person and deemed as safe can be used  Long tools should be used where possible to avoid work at height  The system must be continually monitored. And reviewed annually	5	1	5

Hazardous substances other than asbestos	Potential for employees health being affected	2	5	10	Operatives will be briefed on the CoSHH assessments during induction and agree to work in accordance with them.  Appropriate PPE will be worn where necessary.  Spill kits used where necessary	2	1	2
Uncovering of material suspected of containing asbestos	Potential for exposure/ contamination of operatives and the public.	4	4	16	All excavator operatives to be minimum 1 day asbestos awareness trained and are to work diligently.  All crusher operatives to be minimum one day asbestos awareness trained.  Loads will be checked for asbestos before being emptied.  If asbestos is suspected it will be assumed to be asbestos and treated as such.  Any loads suspected of containing asbestos will be quarantined until further analysis has been carried out by a competent analyst.	4	1	4
Dust	Potential for harming health of employees  Potential for harming health of visitors  Nuisance to neighbours	3	5	15	Bi-weekly dust monitoring throughout site & recording of findings  Damping down of working areas in dry conditions  No residential properties within the immediate vicinity  Road sweeper utilised for dust collection  FFP3 mask to be worn during dusty operations	3	1	3
Noise	Potential for damaging hearing when working with crusher.  Disruption to neighbours	3	4	12	Operatives to keep a distance of 5 metres from crusher unless wearing hearing protection.  No residential properties within the immediate vicinity.  Crusher used only between 7.30am and 6pm.	3	1	3
Accessing working platforms	Risk of falling  Risk of injury to employees	4	4	16	Ramps to be constructed from suitable 'stable' material  Ramps to be no steeper than 1:3  Ramps to be + 1m the working area of the plant utilising access ramp  Continuous monitoring of piles for stability to be carried out by operatives working on platforms	4	2	8
Refuelling fuel powered equipment	Harming the environment  Skin irritation  Fire	4	3	12	Fuel to be stored in locked and bunded tanks only  Spill kit to be located in immediate proximity to fuel tanks  Nitrate gloves to be worn whilst refuelling plant  No naked flames around fuelling area  Fire extinguishers to be within immediate proximity	4	1	4

Using abrasive wheels	Risk of injury to personnel: eyes, noise, dust, cuts and abrasions etc.  Risk of fire	4	4	16	Ensure that the disc cutter has been thoroughly examined within the last 12 months (or as specified by the manufacturer)  All guards must be in place  Portable equipment must only be used when standing on a firm, level base.	4	1	4
Use of tools and equipment. Risk of injury to operatives	Risk of injury to personnel  Risk of injury to eyes	3	4	12	Hand tools to be fit for purpose, all hand tools to be inspected regularly before each use, any hand tools which seem defective or damaged must not be used.  Suitable PPE to be worn whilst using tools	3	1	3
Broken glass	Risk of serious injury to personnel including eyes and arteries	4	3	12	All glass is to be broken by mechanical aids if possible if not use trained operatives with a long tool and appropriate PPE glasses and cut resistant gloves.  All broken glass is to be cleared up and disposed of directly after breaking.	4	1	4
HAVS	Risk of nerve damage after prolonged exposure to vibrating tools	3	2	6	Where work involving vibrating tools may arise, operatives will follow HSE guidance on use of vibrating tools. Including monitoring the amount of time an operative uses the tool (trigger time) and recording it in a HAVS register.	3	1	3

#### PERSONAL PROTECTIVE EQUIPMENT REQUIREMENT

								
BS EN 397	BS EN 20345	BS EN 20471 Class-2	BS EN 388	BS EN166 F	BS EN 470	BS EN 352	BS EN 140	-

**Remember: A RISK ASSESSMENT IS ONLY AS GOOD AS EVERYONE CONCERNED PUTTING IT INTO PRACTICE.**

Monitoring:	<p><b>The persons responsible for maintaining a safe place of work are:</b></p> <ul style="list-style-type: none"> <li>• Overall – Director</li> <li>• Implementation, monitoring and arrangements – Site manager</li> <li>• Operatives</li> </ul>
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#### ADDITIONAL INFORMATION

For crusher, excavator, shovel loader and forklift see the associated plant risk assessments.