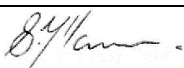
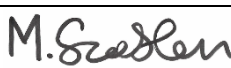


RISK ASSESSMENT		Nature of Safety Subject /Activity: MANUAL HANDLING				PERSES LTD			
AUTHORED BY:	Stephen McCann				APPROVED BY:	Mateusz Szablan			
POSITION:	Demolition Engineer				POSITION:	Safety advisor			
DATE:	17.09.2018				DATE:	17.09.2018			
SIGNATURE:					SIGNATURE:				
HAZARD IDENTIFICATION									
HAZARD (VISUAL IDENTIFICATION):					HAZARD TASK: (DESCRIPTION OF ACTIVITY):				
					Note: Check training records for those who have received training. Advise the Training Dept. of those who require training.				
PERSONS EFFECTED BY THE WORKS									
PERSONS EXPOSED:	PERSONS CARRYING OUT THE TASK	✓	OFFICIAL VISITORS		NUMBER EXPOSED:	Variable			
	ONSITE STAFF	✓	MEMBERS OF THE PUBLIC	✓					
	SUB-CONTRACTORS		YOUNG PERSONS		DURATION AND FREQUENCY OF EXPOSURE:	Variable			
	DRIVERS		OTHER						
RISK EVALUATION									
SEVERITY (S)	Risk Factor (RF)								
(6) Multi-fatal	6	12	18	24	30	36	Very high risk	Very high risk	Intolerable – Do not start work
(5) Fatality	5	10	15	20	25	30			
(4) Major	4	8	12	16	20	24	High risk	High risk	Work can commence with reassessment of the risk levels and direct supervision
(3) Notifiable	3	6	9	12	15	18			
(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		Tolerable: reduce where practicable	
(2) Remote				(5) Frequent					
(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	
	Back strains Foot injuries Permanent muscular-skeletal injury Trapped fingers	5	6	30	Ensure that the task, load, working environment and individuals capabilities are all assessed. Work will be organised so that the requirement for manual handling is reduced as much as possible. Anyone on their own should not lift materials weighing more than 25 kgs. If help is required to lift, or manoeuvre heavy loads, then the work will be fully discussed, everyone will work together , and one person will be designated as “in charge” giving clear, concise and unhurried instructions. Everyone will be made aware of the correct lifting techniques. Manual handling training.	5	2	10	
Falling objects		4	4	16	Ensure that personal protective equipment is used – safety helmets, safety footwear, high visibility jacket, gloves.	4	1	4	
Slips, trips and falls		3	4	12	Keep site clean and tidy.	3	1	3	
Inclement weather		3	3	9	Conduct induction and tool box talks. Ensure that personal protective equipment is used – safety helmets, safety footwear, high visibility jacket, gloves.	3	1	3	

Contact with mobile plant		5	5	25	Maximise at all times the use of mechanical lifting aids to place materials as near as possible to their required laying position: • Hoists • Tele-handler • Forklift truck • Sack barrow • Kerb lifters.....etc	5	3	15
PERSONAL PROTECTIVE EQUIPMENT REQUIREMENT								
								
BS EN 397 BS EN 812	BS EN 20345	BS EN 20471 Class-2	BS EN 388 BS EN 407	BS EN166 B	BS EN 11612 BS EN 340	EN 352-2	ABEK1 Charcoal Filter	-
Remember: A RISK ASSESSMENT IS ONLY AS GOOD AS EVERYONE CONCERNED PUTTING IT INTO PRACTICE.								
Monitoring:								
ADDITIONAL INFORMATION								
• Construction work, by its very nature, involves many manual handling activities, which often contribute to injuries, especially to the back, knees, neck and shoulders. • Every year, one third of all construction industry accidents reported to the HSE involve manual handling. These represent only a part of the actual problem, as many back injuries go unreported. • All these injuries are costly. Construction workers themselves bear the direct cost of lost earnings, pain and sometimes long-term incapacity, which may lead to a reduction in a ‘standard of living’ as well as other social problems. • Costs to employers may be direct or indirect. Direct costs arise from loss of progress of the construction project (disruption of schedules) and sickness payments. Indirect costs may arise by increase in insurance premiums, etc. • Improving manual handling operations can reduce these costs and provide several other benefits such as reduced fatigue, improved productivity and morale, less waste and smoother construction operations.								

HEAD PROTECTION

BS EN 397: Specification for industrial safety helmets.

BS EN 812: Specification for bump caps.

EYE PROTECTION

BS EN 166 S: Specification for personal eye protection – Increased robustness

BS EN 166 F: Specification for personal eye protection - Low energy impact

BS EN 166 B: Specification for personal eye protection – Medium energy impact

BS EN 166 A: Specification for personal eye protection – high energy impact

BS EN 166 9: Specification for personal eye protection – Molten metal

BS EN 166 N: Specification for personal eye protection – Resistance to fogging

BS EN 166 K: Specification for personal eye protection – resistance to surface damage

BS EN 169: Specification for filters used in eye protection for welding etc.

BS EN 175: Equipment for eye & face protection during welding/allied processes.

EAR PROTECTION

BS EN 352-1: Specification for earmuffs.

BS EN 352-2: Specification for earplugs.

BS EN 352-3: Specification for earmuffs attached to safety helmets.

BS EN 352-4: Specification for level-dependent earmuffs.

BS EN 458: Selection, use, care & maintenance of hearing protectors.

RESPIRATORY PROTECTION

BS EN 136: Full face masks.

BS EN 137: Self-contained open-circuit compressed air.

BS EN 140: Half masks & quarter masks.

BS EN 149: Filtering half-masks against particles.]

BS EN 345: Specification for safety footwear for professional use.

HAND PROTECTION

BS EN 420: General requirements for gloves.

BS EN 374: Protective gloves against chemicals/ micro-organisms.

BS EN 388: Protective gloves against mechanical risks (abrasion, cutting, etc).

BS EN 407: Protective gloves against thermal risk (heat &/or fire).

BS EN 12477: Protective gloves for welders.

GENERAL PROTECTION

BS EN 343: Protection against foul weather.

FOOT PROTECTION

BS EN 345: Specification for safety footwear for professional use