Risk Assessment – Stored Energy.

Company:	SES Engineering (Newark) Ltd	Date:	16.05.2022	Review Date:	16.05.2023	Ref:	SES/0032

Operation:	Stored Energy.	Persons at risk:	Employees, 3rd parties

HAZARD	Assessment			CONTROL MEASURES TO REDUCE THE RISK	Re-assessment		
	S	L	R		S	L	R
Gravitational Energy – Entrapment, crushing.	4	4	16	Ensure all objects are mechanically secured with the use of lock-off pins or the use of appropriate lifting equipment or restraints.	4	1	4
Electrical Energy – Electrocution, start-up of plant.	4	4	16	Ensure that a qualified electrician examines and either releases the energy or isolates it, prior to any work being carried out. The electrician is to sign to say that the equipment is safe to work on.	4	1	4
Pressurised Water, Oil, Air – Explosion and propulsion of object. Injection to the body.	4	4	16	Ensure that all power sources are isolated and locked off. Drain all the stored energy by using drain off valves or pressure release valves. Refer to the operational manual for the correct procedure.	4	1	4

Likelihood → / ↓ *Severity*	Likely (5)	Probable (4)	Possible (3)	Unlikely (2)	Very unlikely (1)
Death (4)	20	16	12	8	4
Major Injury (3)	15	12	9	6	3
Minor Injury (2)	10	8	6	4	2
No Injury (1)	5	4	3	2	1

KEY:

S = Severity

L= Likelihood

R= Risk rating

12-20 High risk
8-10 Medium risk
1-6 Low risk

PPE Required:

Hard hat	Y
High vis clothing & boots	Y
Eye/ ear protection	Y
Suitable gloves	Y
Respiratory equipment	As necessary
Safety harness	As necessary

Risk assessment to be reviewed every 12 months or following an accident / incident.