معهد الخط الأخضر للتدريب
Green Line Training Institute

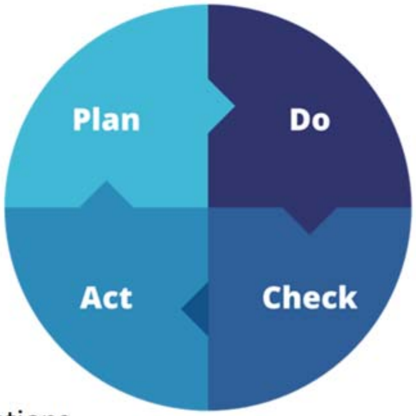
DOCUMENT TITLE	Risk Management Policy	DOCUMENT Ref. GLTI/POL/HSE -02

ISSUE DATE	REVISED	NEXT REVISION DATE
24-06-2024	6-07-2026	05-7-2027

AUTHORED BY NAME/SIGNATURE	APPROVED BY NAME/SIGNATURE	ENDORSED BY NAME/SIGNATURE
Ali Al Barwani		Ahmed Al Rashdi

GLTI aims at achieving the highest level of compliance and adoption of established safety and health standards to ensure the safety and health of its employees, students and clients at all times. Based on this GLTI's approach to Risk management is based on eliminating all hazards that may put the safety or health of our stakeholders at risk or reduce such risks to As Low as Reasnably Practicable (ALARP). GLTI has adopted its own Risk Assessment Matrix that reflects the scope of risks that may arise from its activities.

The management of workplace risks at GLTI is based on the PDCA Cycle.



List of Possible Hazards and Risks

1. Facility Hazards (Mechanical Workshop)

- **Flying Fragments from Cutting Tools**: Risks include eye injuries and lacerations.
- **Electric Shocks**: Risks from faulty wiring or misuse of electrical equipment.
- **Noise and Vibration**: Risks of hearing damage and long-term health issues.
- **Dust**: Respiratory issues and visibility reduction.
- **Floor Slips and Trips**: Physical injuries from falls.
- **Chemical Exposure**: Risks from solvents, lubricants, and other chemicals.
- **Machinery Malfunctions**: Risks of severe injury or death.
- **Fire Hazards**: Risks from flammable materials and faulty equipment.

- **Manual Handling**: Risks of musculoskeletal injuries.
- **Compressed Air**: Risks of eye injuries and other physical harm.

2. Ghala Facility Building Hazards

- **Fires**: Risks of burns, smoke inhalation, and structural damage.
- **Heavy Artifacts Dropped**: Risks of physical injury or death.
- **Electric Equipment**: Risks of electric shocks and equipment malfunctions.
- **Slippery Floors**: Risks of falls and physical injuries.
- **Poor Ergonomics**: Risks of repetitive strain injuries.
- **Chemical Spills**: Risks of burns and toxic exposure.
- **Structural Integrity Issues**: Risks of collapse or injury from falling objects.
- **Poor Ventilation**: Risks of respiratory issues and discomfort.
- **Access and Egress Issues**: Risks during emergencies.
- **Biological Hazards**: Risks from mold, bacteria, and other pathogens.

3. Qarn Al Alam (Desert Training Hub)

- **Traveling**: Risks of vehicle accidents and fatigue.
- **Heat**: Risks of heat stroke, dehydration, and burns.
- **Wind**: Risks of sandstorms and reduced visibility.
- **Dust-Extreme Weather**: Respiratory issues and reduced visibility.
- **Pests (Scorpions, Snakes, Insects)**: Risks of bites and stings.
- **Lack of Water**: Risks of dehydration.

- **Limited Medical Access**: Increased risk in medical emergencies.
- **Equipment Malfunctions**: Risks from faulty training equipment.
- **Fatigue**: Risks of accidents due to exhaustion.
- **Communication Failures**: Risks due to poor signal and isolation.
- **Physical Training Hazards**: Risks from physical activities and exertion.

Risk Matrix Based on PDO Risk Matrix

The PDO risk matrix uses a system to assess both actual and potential severity and likelihood of incidents. I'll simplify this system to a matrix of 4 levels of severity and 5-level scale for likelihood. The categories will focus on people, assets, and reputation.

Severity Levels

- **0**: No impact
- **1**: Minor impact (First aid or minor asset damage, minor reputation impact)
- **2**: Moderate impact (Medical treatment or moderate asset damage, moderate reputation impact)
- **3**: Severe impact (Fatality or significant asset damage, significant reputation impact)

Likelihood Levels

- **A**: Rare (Has not happened in industry)
- **B**: Unlikely (Heard of in industry)
- **C**: Possible (Has happened in industry)
- **D**: Likely (Has happened in company)

- **E**: Almost Certain (Has happened at the location)

In order to determine the potential risk rating, the person assessing the incident must find the color of the box for the severity and likelihood you have agreed on.

1. **Red – High risk potential incident**
2. **Yellow – Medium risk potential incident**
3. **Dark Blue – Low/minor potential incident**
4. **Light Blue – Low/slight potential incident**

Risk Assessment Matrix

Likelihood, (letter A-E), Severity, (0-4), subject of the consequence. (P, A, or R)

Severity	Consequences				Increasing likelihood				
	People	Assets	Environment	Reputation	A	B	C	D	E
					Never heard of in the Industry	Heard of in the Industry	Has happened in the Company or more than once per year in the Industry	Has happened at the Location or more than once per year in the Company	Has happened more than once per year at the Location
0	No injury or health effect	No damage	No effect	No impact					
1	Slight injury or health effect	Slight damage	Slight effect	Slight impact					
2	Minor injury or health effect	Minor damage	Minor effect	Minor impact					
3	Major injury or health effect	Moderate damage	Moderate effect	Moderate impact					
4	PTD or up to 3 fatalities	Major damage	Major effect	Major impact					
5	More than 3 fatalities	Massive damage	Massive effect	Massive impact					