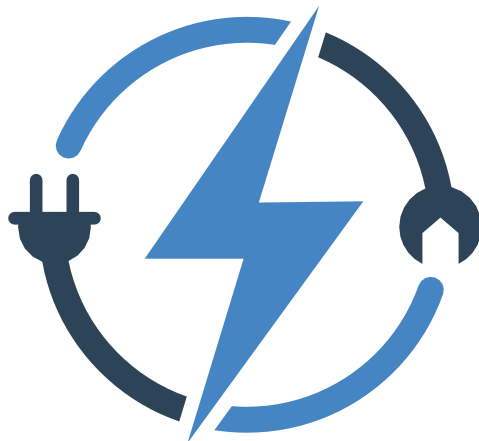




T-shore
Education

Risk Assessment:

Example for Instructor



Erasmus+
Enriching lives, opening minds.

Module:

Basic Electrical Skills

Learning scenario:

**Electrical Introduction for
Operators**

General information

This document shall be used as a template for creating Risk Assessment and Safety Measure document for T-shore learning scenarios

This risk assessment document shall as a minimum include:

- mitigations for at least weather and safe evacuation procedures
- testification that the equipment and locations are safe and functional, as well as compliant with the requirements for the applicable learning scenario.

Document control

Version	Date of issue	Author	Approved Management
01	27.05.2025	Jens høffner	

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Keys

Likelihood: 1=Highly unlikely; 2=Unlikely; 3=Possible; 4=Likely; 5=Certain	
Severity:	1=No injury; 2=Minor injury; 3=Medical treatment; 4=Injury with lost working time; 5=Major injury/ fatality
Risk:	Likelihood x Severity

Risk categorisation

Low: 1-5, Green	Tolerable low risk
Medium: 6-11, Yellow	Monitor, control and maintain strict control measures
High: 12-25, Red	Stop activity! Reassess and apply new control measures to reduce risk to an acceptable level (below 11)!

Risk and control measures

Potential hazards	Who is affected?	Risk	Rating			Control Measures to minimise risk	Residual (new) rating						
			A	X	=		A	X	=				
			Likelihood	B	C		Likelihood	B	C				
			Likelihood	Severity	Risk		Likelihood	Severity	Risk		Likelihood	Severity	Risk
Incorrect use of measuring instruments (e.g. multimeter)	Participants	Risk of electric shock or equipment damage	3	2	9	<ul style="list-style-type: none"> - Instructor-led demonstrations before training participant use - - Supervised hands-on practice only - - Use of low-voltage circuits for training 	1	2	2				
Failure to use PPE (e.g. gloves, glasses)	Participants / Instructors	Exposure to electric components, arc flashes, or tool-related injuries	3	4	12	<ul style="list-style-type: none"> Mandatory PPE briefing before each session - Visual PPE check by instructor - No access to practical zones without PPE Any load more than 10 kg / 22 lb (e.g. rescue dummy) must be lifted with a mechanical aid. 	1	3	3				

Use of damaged training equipment	Participants	Risk of electric shock and severe injury	4	5	20	<ul style="list-style-type: none"> - Live circuits only used in controlled demonstrations - No direct training participant access to live high-voltage setups - Clear marking and restricted areas 	1	4	4
Exposure to live circuits during AC training	Participants	<ul style="list-style-type: none"> - Cuts, abrasive injuries caused by sharp / abrasive surfaces. - PPE damage from sharp surfaces, resulting subsequent accidents, injuries. 	2	5	10	<ul style="list-style-type: none"> - Regularly inspect and reassess the area for hazardous surfaces, to be able to mitigate them, or place appropriate control measures. - Appropriate PPE, safety gloves and clothing to be worn. 	1	5	5
Poor cable management	Participants / Instructors	<ul style="list-style-type: none"> - Trips, falls, and potential disconnection of powered circuits 	3	2	6	<ul style="list-style-type: none"> - Cables to be routed along walls or secured with floor covers - Regular walkthroughs by instructor - Training participants trained in proper lab setup 	1	2	2
Inadequate knowledge of safety procedures	Participants	<ul style="list-style-type: none"> - Unsafe behaviour leading to incorrect handling of electrical equipment 	3	4	12	<ul style="list-style-type: none"> - Safety procedures integrated in all sessions - Knowledge checked through verbal questions and practical performance - Immediate corrective feedback if unsafe practice seen 	1	3	3

Emergency situation: fire, electric accident	Participants / Instructors	- Panic or delay in response, worsening injury or equipment damage	2	5	10	- - Emergency stop and first aid procedures reviewed at start - Instructors trained in first aid - First aid kits and emergency stop buttons present and labelled	1	4	4
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Signatures

This document must carry the signature of at least two competent persons, usually one of the instructors and a person representing the legal owner of the on-site structure, prior to training delivery. The signature states that they understand and comply with the requirements.

Position	Print Name	Signature	Date