

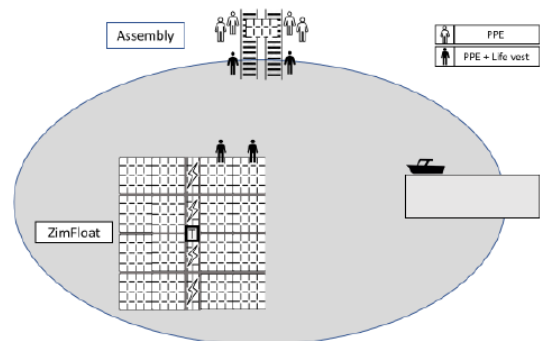
Worker Safety | Risk Assessment



Product	Floating Photovoltaic Mounting Structure	
Type	ZimFloat	
Created by	Claudia Noortwijck	April 9 th 2019
Reviewed by	Jochem Lambers, DNV GL	June 17 th 2019

Functional use	On pontoons floating, photovoltaic installation, for energy production.
Intended use	The installation is suitable for inland freshwater locations.
Reasonably foreseeable misuse	Use of the installation on sea/offshore locations in salt water
Spatial limitations	Variable
Time limitations	25 years

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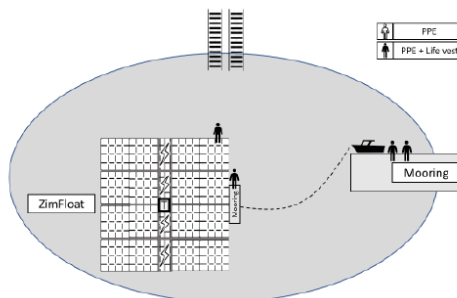
Assembly | Risk Assessment







Hazard description	Risk mitigation action
 Danger of impact from: crane activity Example: Boats or transformer are hoisted into the water	Assembly and installation only by trained personnel. Workers wear PPE (Personal Protection Equipment) and a life vest.
 Danger of impact from: drifting of the ZimFloat	Anchorages/lashings must be checked as per the guarantee statement. Workers wear PPE (Safety shoes, helmet, gloves) and a life vest.

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Maintenance | Risk Assessment



Hazard description	Risk mitigation action
 Danger of falling or drowning during changing of modules, floaters, connectors or steel beams	Maintenance work only by trained personnel. No working alone and workers wear PPE (Personal Protection Equipment) and a life vest.
 Danger of falling during maintenance or replacement of the inverters	Maintenance work only by trained personnel. No working alone and workers wear PPE and a life vest. Inverters have solid casing with warning signs.
 Danger of musculoskeletal injury Example: Heavy loads are lifted when moving an inverter	Compliance with local HSE regulations regarding 'maximum load lifting' No working alone and no working without lifting instructions.
 Danger of injury due to sharp edges and rough surfaces	First Aid equipment and First Aid-trained personnel is present onsite. Workers wear PPE: Safety shoes, helmet, gloves.

the water. Boats approach at low

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gloves.

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lifting instructions.