

Reference: MRA 11



North Sunderland Harbour Risk Assessment Form

Service	North Sunderland Harbour - MRA Number 11	Date of Risk Assessment	1 Nov 2023
Assessor	Paul Brown / Fiona Kibby		
Process or Activity	Lifting and Cargo Operations		

Describe the location where activities are taking place	North Sunderland Harbour.		
Describe the activities being undertaken	Lifting and Cargo Operations		
Describe the equipment and/ or substances being used			
Describe the people involved in these activities (and others who might be affected)	Port Staff, commercial fishermen, tripping boat crew, divers, RNLI crew, divers, leisure users and members of the public.		
Associated Risk Assessments	MRA 3, 4, 5, 6, 7, 10	Associated Safe Systems of Work	North Sunderland Harbour Vessel Licensing Policy – 2023.

Risk Rating	Action
20-25	Stop Activity and Take Immediate Action
15-20	Urgent Action
8-12	Action
3-6	Monitor
1-2	No Action – ensure controls are maintained and reviewed

Hazard	Uncontrolled Risk Score			Risk Mitigations	Residual Risk Score		
	L	C	R		L	C	R
Forklift collides with person working on dock side.	2	4	8	<ol style="list-style-type: none"> Members of public not allowed on commercial quaysides. NSH organise training and checks certificates of individual commercial operators to use forklift. Forklift and lifting equipment is LOLER compliant and tested regularly. Forklift is driven by qualified personnel. Forklift has reversing beeper. 	1	4	4
Overloaded forklift topples itself and cargo onto person below.	4	4	16	<ol style="list-style-type: none"> NSH organise training and checks certificates of individual commercial operators to use forklift. Forklift and lifting equipment is LOLER compliant and tested regularly. Forklift is driven by qualified personnel. 	2	2	4
Cargo piled on jetty is blown or knocked over onto person below.	4	4	16	<ol style="list-style-type: none"> NSH monitors the storage of items on piers and quaysides. Storage in monitored by CCTV. 	2	2	4
Member of the public gains access to the dock area while cargo is being worked.	4	4	16	<ol style="list-style-type: none"> Commercial quays are out of bounds to members of public. Quays are monitored by CCTV. Working and authorised personnel wear appropriate PPE. 	2	2	4

Hazard	Uncontrolled Risk Score			Risk Mitigations	Residual Risk Score		
	L	C	R		L	C	R
NSH crane hoist fails with cargo falling onto person below.	4	4	16	<ol style="list-style-type: none"> 1. Hoists and lifting equipment is LOLER compliant and tested regularly. 2. Hoist are operated by following instructions. 	2	2	4
Privately owned boat lift fails and injures persons nearby.	4	4	16	<ol style="list-style-type: none"> 1. Hard hat and appropriate PPE is required when using boat lift. 2. Boatlift is LOLER compliant and tested regularly, NSH requires copy of test certificate. 3. Boatlift is operated by qualified personnel. 4. NSH road is closed when boatlift is operating. 5. Boats are moved with permission of the Harbour Master. 6. Boatlift always has a banksman. 7. NSH requests risk assessments from external boat lift/HIAB operators. 	2	2	4

Risk Rating Calculator

Likelihood that hazardous event will occur	
1	very unlikely
2	unlikely
3	fairly likely
4	likely
5	very likely

Consequence of hazardous event	
1	insignificant – no injury
2	minor – minor injuries needing first aid
3	moderate – up to three days' absence
4	major – more than seven days' absence
5	catastrophic – death

Action Level Table

Risk rating	Action
20–25	Stop – stop activity and take immediate action
15–16	Urgent action – take immediate action and stop activity if necessary, maintain existing controls rigorously
8–12	Action – improve within specified timescale
3–6	Monitor – look to improve at next review or if there is a significant change
1–2	No action – no further action but ensure controls are maintained and reviewed