

## Completion Inspection Checklist – Marine Related Works

Ports, Pontoon and Gangway Installation for the Jetty, Navigation & Channels, Dredging & Reclamation, Rock Works (Break Water/Shore Revetment)

Submission Ref:		Inspection Date:	
Project / Land Information			
Area Name		Plot No.	
Business Unit		Project ID	
Project / Building Detail			
<input type="checkbox"/> Residential	<input type="checkbox"/> Commercial	<input type="checkbox"/> Other:	

General Remark		Yes	No	Remarks
1	Presence of accredited Consultant			
2	Presence of accredited Contractor			
3	Trakhees Approved Drawings			
4	Building Permit			

	Architectural (The below are as per the approved drawings)	Yes	No	Remarks
1	DCD NOC & Business Unit NOC,s			
2	Affection Plan			
3	Final Demarcation certificate			
4	Steel Structures Certificate by Third Party for steel piles that use this type of structure.			
5	Piles tests (static, dynamic tests and cathodes....			
6	Inspection reports summary for steel piles and concrete items			
7	Pontoon locations according to approved drawings			
8	DCD NOC & Business Unit NOC,s			

Consultant Stamp & Signature	Contractor Stamp & Signature

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	Architectural (The below are as per the approved drawings)	Yes	No	Remarks
9	Distances between pontoons according to approved drawings			
10	Length and width of pontoons according to approved drawings			
11	Connection for pontoon supports according to approved drawings.			
12	Cathode protection provided according to approved drawings			
13	Navigational channels width according to approved drawings			
14	Navigational channels depth according to approved drawings			
15	Navigational channels verticality / alignment of sides according to approved drawings			
16	Navigation channels depth according to approved drawings			
17	Navigation channels width according to approved drawings			
18	Navigation channels sides side (concrete panels, rock ...)			
19	Inspection reports summary for concrete items			
20	Undertaking letter for the invisible layers of quay walls and berth			

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Architectural (The below are as per the approved drawings)		Yes	No	Remarks
21	Undertaking letter for the back filled materials			
22	Mooring type and fixation according to approved drawings			
23	Mooring locations according to approved drawings			
24	Alignment of quay walls and berth according to approved drawings			
25	Checking visible layers of quay walls (length and berth according to approved drawings)			
26	Checking the full depth of quay wall according to approved drawings			
27	The report for invisible layers of quay walls (length and berth according to approved drawings) at pouring concrete at workshop yard before transfer it to site.			
28	Checking all facilities associated with quay walls and berth according to approved drawings			

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Architectural (The below are as per the approved drawings)		Yes	No	Remarks
29	Checking the location and details of fenders provided according to approved drawings			
30	Nos. of water homes			
31	Location of water home (s) according to approved drawings			
32	Plans and elevations			
33	Materials used for construction			
34	Checking material used for reclamation.			
35	Length and width of area			
36	Level of area.			
37	Test for materials used for reclamation.			
38	Checking depth of Dredged area			
39	Checking the location and details of finders provided according to approved drawings			
40	Type of rocks and sizes as per approved drawings			
41	Location of rocks and width of rocks provided			

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Architectural (The below are as per the approved drawings)		Yes	No	Remarks
42	Checking inspection record for concrete under rock (optional)			
43	Tests provided for rocks			
44	Area size provided with rocks according to approved drawings			

### Safety Section Checklist:

Safety Section		Yes	No	Remarks
1	EIA & RA approved and compliance statement submitted (only for onshore areas)			
2	Are all drive ways/vehicle moving areas are free from holes, cracks, depressions, unnecessary kerbs or other raised objects			
3	All drainage systems on port areas provided with appropriate interceptors to prevent maritime pollution			
4	The edges of the walkways are clearly delineated by using yellow and white road paint			

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Safety Section		Yes	No	Remarks
5	Appropriate signage, international symbols provided on walkways cross roads etc.			
6	Fencing/ railings provided at all dangerous corners and breaks in quay edges (such as sides of gangways, ramps or brows giving access to ships, pontoons or landing stages, walkways over gates or caissons.			
7	All edges of quays on which vehicles are used close to the edge is protected by a continuous coping wall or robust rigid barrier			
8	Permanent ladders fitted at the edges of any structure in port areas at interval of 50 meters.			
9	Adequate and suitable lifesaving equipment provided and available at adequate intervals			
10	Are all landing stages provided with suitable bollards?			
11	Intermediate platforms provided to all vertical ladders more than 6 meters.			

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Safety Section		Yes	No	Remarks
12	Are all areas of passenger terminal public areas, walkways, ramps, lifts, bridges etc. used by passengers are clearly marked			
13	The maximum load bearing capacity of jetty, pontoon, gangways, lifting equipment, etc. are adequately displayed?			
14	Fenders provided pontoon, jetty areas as per the approved drawings?			
15	Service system like fresh water, lighting system, shore power connection system, pumping system for drainage/ sewage/bilge, battery charging and bunker provided			
16	Are all the service lines routed through proper conduits?			
17	Anti-slip flooring provided on pontoon?			

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