## State code 7: Maritime safety

Table 7.2.1: Operational work

| **Performance outcomes** | **Acceptable outcomes** | **Response** |
| --- | --- | --- |
| Lighting | | |
| PO1 Development avoids lighting that has the potential to interfere with aids to navigation. | AO1.1 Development ensures that at all times, all lights on or above the development site do not interfere with safe navigation in surrounding waterways by:   1. shielding lights to prevent glare or reflection 2. avoiding flood lighting which may reduce the visibility of aids to navigation 3. avoiding flashing or flickering lights which may be confused with aids to navigation 4. avoiding coloured lights such as green, blue or red lights, which may be confused with aids to navigation.   AND | *Complies with PO# / AO#*  *Use this column to indicate whether compliance is achieved with the relevant PO or AO (or if they do not apply), and explain why* |
| AO1.2 Lighting complies with section 3 of AS 4282–1997 Control of the obtrusive effects of outdoor lighting. |  |
| Aids to navigation | | |
| PO2 Development does not interfere with aids to navigation. | AO2.1 Development does not remove any material that may destabilise an aid to navigation, including ground tackle.  AND |  |
| AO2.2 Development does not create any temporary or permanent obstruction of aids to navigation.  Note: Where development has the potential to obstruct the line of sight to aids to navigation or interfere with the functioning of aids to navigation, an aid to navigation management plan is required.  AND |  |
| AO2.3 Development keeps sight lines of any aids to navigation which cross the land clear of obstructions.  Note: Where development has the potential to obstruct the line of sight to aids to navigation or interfere with the functioning of aids to navigation, an aid to navigation management plan is required.  AND |  |
| AO2.4 Development ensures ongoing access to aids to navigation for maintenance purposes.  AND |  |
| AO2.5 Development does not result in electrical or electro-magnetic emissions which may impede the operation of aids to navigation. |  |
| Protection of navigable waterways | | |
| PO3 Development does not impede the safe movement of vessels in a navigable waterway. | AO3.1 Development ensures navigable waterways are open to vessel traffic at all times.  AND |  |
| AO3.2 Development, including structures and any vessel berthed at the structures:   1. does not encroach into, pass over or under a navigation corridor; or 2. is not located in a high risk maritime development zone.   Note: Navigation corridor and high risk maritime development zone layers are currently unavailable for Gold Coast waters.  AND |  |
| AO3.3 Development does not limit either the depth of a navigable waterway or the size of vessels which can safely navigate the waterway.  Note: Where development proposes to temporarily or permanently limit the depth of a navigable waterway or the size of vessels which can navigate a waterway, it is recommended that a vessel traffic management plan be provided. It is also recommended a marine execution plan be submitted to the regional harbour master 30 days prior to the commencement of works.  AND |  |
| AO3.4 Development involving the demolition of structures in a navigable waterway, including piling, ensures the entire structure is removed.  AND |  |
| AO3.5 Structures, including all freestanding piles, must be appropriately lit and clearly visible to approaching vessels, and reflective tape must be fitted to all structures to enhance visibility during the hours of darkness.  Note: Where necessary, the regional harbour master may require the installation of aids to navigation on structures. |  |