



Title: Environmental Plan - DMSB

| DOCUMENT CONTROL | | | |
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| Doc. Reference | PL-AUS-DAR-019 | Function | HSSEQ |
| Revision Date | 01/12/2021 | Group Owner | CEO Australasia |
| Rev. Number | 6 | Group Approver | Group Head of HSSEQ |

APPROVED VARIANCE

This plan is to comply with Australian rules and regulations and is a variation to [GOP-HSSEQ-014](#) Environmental Review.

| DOCUMENT REFERENCES | |
|---------------------|---|
| Internal References | <ul style="list-style-type: none"> • GOP-HSSEQ-010 - Document Control • GOP-HSSEQ-012 - Emergency Response Planning • GOP-HSSEQ-013 - Environmental Aspects and Impacts Register • GOP-HSSEQ-014 - Environmental Review • GOP-HSSEQ-017 - External Audit • GOP-HSSEQ-019 - Hazard Identification and Control • GOP-HSSEQ-027 - HSSEQ Management Review • GOP-HSSEQ-032 - Internal Audit • GOP-HSSEQ-033 - Verification • GOP-HSSEQ-034 - LiveSafe HSSEQ Scorecard and Reporting Guidelines • GOP-HSSEQ-036 - Management of Change • GOP-HSSEQ-039 - Monitoring and Measurement • GOP-HSSEQ-042 - Planned Inspections • GOP-HSSEQ-046 - Service Improvement Process (SID) • GOP-HSSEQ-047 - Task Based Risk Assessment (TBRA) • PL-AUS-DAR-002 - Flora/Fauna Management Plan • ERP-AUS-HSSEQ-001 - Emergency Response Plan DMSB |
| External References | <ul style="list-style-type: none"> • Northern Territory of Australia - Workplace Health and Safety Act and Regulations • Ports Management Act and Regulations • Marine Act • Marine Pollution Act and Regulations |

DOCUMENT SCOPE / PURPOSE

This plan sets out the, objectives and targets for responsible environmental management of the Darwin Marine Supply Base. The Environmental Management Plan sets the framework for operating procedures, monitoring and auditing environmental activities within the Marine Supply Base. The intent of the Environmental Management Plan is that it is subject to regular review and continual improvement. The Environmental Management Plan is to be used as an ongoing guide for environmental planning and management within the Darwin Marine Supply Base.

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| REVISION HISTORY | | |
|------------------|------------|---|
| Rev | Date | Comment |
| 0 | 27/05/2016 | Creation of procedure |
| 1 | 12/04/2014 | General review |
| 2 | 06/01/2015 | Post incident review |
| 3 | 13/12/2015 | Review in line with legislation and stakeholder |
| 4 | 31/08/2017 | General review and new document template |
| 5 | 26/10/2020 | General Review and new template |
| 6 | 01/12/2021 | General review |

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1.0 Requirements of this Procedure

The Environmental Management Plan for ASCO Australia forms the basis for environmental performance within the Darwin Marine Supply Base.

ASCO Australia is responsible for the management and operation of the Darwin Marine Supply Base. ASCO is committed to high quality performance and management, ASCO Australia recognises the environmental and economic importance of operating in an environmentally sustainable and responsible manner and ensuring a high level of environmental performance and is committed to achieving this through continual improvement of its environmental management system.

This Environmental Management Plan has been prepared specifically for the Darwin Marine Supply Base, to ensure all activities and undertakings are continually monitored and assessed to ensure environmental compliance is assured.

This plan sets out the, objectives and targets for responsible environmental management of the Darwin Marine Supply Base. The Environmental Management Plan sets the framework for operating procedures, monitoring and auditing environmental activities within the Darwin Marine Supply Base. The intent of the Environmental Management Plan is that it is subject to regular review and continual improvement. The Environmental Management Plan is to be used as an ongoing guide for environmental planning and management within the Darwin Marine Supply Base.

2.0 Responsibility Summary

This document is relevant to the following roles:

Marine Supply Base Manager

- Safety critical role; has overall responsibility and accountability for overseeing the delivery of safe and efficient operations at the MSB
- To monitor the activities of Facilities Users to ensure compliance with this plan.

MSB Coordinator & Facility Coordinator

- Ensure competent advice and support is provided to Facility Users in meeting the requirements of this plan
- To monitor controls in relation to this plan ensuring all Facility Users are compliant
- To promptly report all non-conformances to BU Manager and HSSEQ Department.

HSSEQ

- Review HSSEQ trends and analysis and develop risk mitigation strategies
- Support Supply Base Manager and Supervisors to conduct work in a safe and efficient manner
- Approve TBRAs within level of authority
- Ensure compliance with this HSEMP
- Provide technical HSSEQ support to DMSB.

All Personnel

- All ASCO and sub-contractor personnel must ensure that they understand and strictly adhere to all ASCO regulations, standards and guidelines
- All individuals operating under ASCO management are to challenge and STOP any activity or condition, which they believe may have a negative effect on their welfare or that of others
- To not undertake work for which they are not trained, competent or inducted.
- ASCO Australia activities within the Darwin Marine Supply Base are limited in terms of their potential environmental impact. Most of the emissions and potential pollutants will be generated from the operations of other DMSB users.
- ASCO will ensure that it continually monitors and consults with DMSB users to ensure that their environmental

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management practices are aligned with the ASCO's Environmental Management Plan.

3.0 Abbreviations & Definitions

| Terms | Meaning |
|-----------------------------------|---|
| AIMS | The AIMS (ASCO Integrated Management Systems) Manual is the top-level document for all ASCO Group companies. It shall set the minimum standards, which shall provide ASCO personnel with guidance in meeting the principles of good business management. |
| Business Unit Manager | Marine Supply Base Manager |
| Business Units | Darwin Marine Supply Base |
| Company | ASCO |
| DMSB | Darwin Marine Supply Base |
| DP | Darwin Port |
| EMP | Environmental Management Plan |
| Facility Users | A third-party company working within the DMSB under access/Licence agreement with ASCO |
| Hazard | A situation with potential for human injury, damage to property or the environment, discharge of potential pollutants into the environment or some combination of the three |
| Hazard Identification | Hazard identification is the process used to identify all the possible situations in the workplace where people may be exposed to injury, illness or disease |
| HSSEQ | Health Safety Security Environment Quality |
| Investigation | A systematic examination of an event and its cause/contributing factors to persons, plant, material or the environment |
| Management Team | DMSB Manager and Supervisor |
| Risk | The effect of uncertainty on objects. For Safety, this is often measured by the likelihood and consequences as explained in AS/NZS 31000:2009 |
| Risk Control | Risk control is the process used to identify all practicable measures for eliminating or reducing the likelihood of injury, illness or disease in the workplace, to implement the measures and to continually review the measures in order to ensure their effectiveness. |
| Safety | Safety with a capital S includes Occupational Health |
| SMP | Safety Management Plan |
| Task Based Risk Assessment (TBRA) | The process used to determine the likelihood that people may be exposed to injury, illness or disease in the workplace arising from any situation identified during the hazard identification process |
| Work | The Supplier/Contractor Scope of Work and Services defined in the Contract, Supplier Work, Work |
| Workforce | All personnel working at a facility or work site |



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| <p>4.0 HSSEQ Policy</p> <p>ASCO has an established HSSEQ Policy communicating management commitment to the protection of employees, others involved in its operations, the public, and the balanced environmental and economic needs of the communities in which the ASCO operates. The Policy sets out the aims of ASCO in key areas of HSSEQ Management and highlights the ASCO’s commitment to continual efforts to identify and manage safety and health risks and to improve environmental performance. The ASCO HSSEQ Policy is at APPENDIX A.</p> <p>ASCO will ensure that the HSSEQ Policy Statement is available at all times on-site, is communicated to all new personnel and sub-contractors and is displayed on HSSEQ notice boards.</p> | | | |
| <p>5.0 AIMS</p> <p>AIM’s incorporates all business functions, including Health and Safety, Quality Assurance and Environmental Protection and is internationally accredited to ISO and OHSAS standards.</p> <p>AIMS uses risk-based quality management techniques to ensure compliance without the need for specific go/no go decision trees. The quality surveillance of AIMS is done through a series of meetings, KPI’s, internal and external audits, and agreed corrective actions monitored through the service improvement document (SID) process.</p> | | | |
| <p>6.0 Objective</p> <p>ASCO Australia has established this Environmental Management Plan to show our commitment to all environmental matters within the scope of all Darwin Marine Supply Base activities and to communicate environmental management for the protection of employees, others involved in its operations, the public, and the balanced environmental and economic needs of the communities in which the Company operates. The plan sets out the aims of ASCO Australia in key areas of environmental management and highlights the Company’s commitment to continue to identify and manage and communicate environmental performance and review.</p> <p>ASCO Health, Safety, Environment & Quality policy is shown in APPENDIX A.</p> | | | |
| <p>6.1 Environmental Objectives</p> <p>Execution of the ASCO Australia HSSEQ Management System AIMS (ASCO INTERGRATED MANAGEMENT SYSTEM) and this document is intended to result in meeting the following objectives:</p> <ol style="list-style-type: none"> 1. Requirements from relevant Environment laws, Regulations and Approved Codes of Practice are met 2. Provisions are made for employee involvement through Safety Representatives and Safety consultation 3. HSE activities are documented and they address all phases of the activity within the Darwin Marine SupplyBase 4. Hazards and associated control measures are communicated prior to conducting work and when changes occur 5. Standards for safe and environmentally sound designs and performance of work are established and followed. Deviations from or changes to standards are controlled 6. Third Party Contractors manage environment systematically and meet or exceed standards of performance and competence set by ASCO Australia 7. Adequate emergency response arrangements are in place, co-ordinated between ASCO Australia and DP, communicated and supported by a system of drills and exercises 8. Performance of the work is actively monitored and audited to ensure environmental compliance 9. Incidents are reported, investigated and analysed and action is taken as needed to prevent recurrence. Appropriate follow-up will be provided to injured personnel to affect successful and | | | |
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| <p>rapid recovery. And all investigation details and analysis will be available on request.</p> |
| <p>6.2 Environmental Management Goals</p> |
| <p>ASCO Australia will through this document and scope of operations, work together with all facility users to achieve all agreed environmental goals.</p> |
| <p>6.3 Currency and Application of this EMP</p> |
| <p>This EMP is a live document available on the ASCO Intranet (http://intranet/AIMS) for ASCO direct Employees and available at http://www.ascoworld.com/where-we-work/australasia/dmsb for facility users.</p> |
| <p>7.0 Management Structure and Responsibilities</p> |
| <p>7.1 General Responsibilities</p> |
| <p>Darwin Marine Supply Base Management has responsibility to ensure the environmental management systems are integrated based on the needs of the activities conducted within the Darwin Marine Supply Base.</p> <p>ASCO Australia will have primacy to establish interface procedures as may be needed to address environmental requirements involved in Darwin Marine Supply Base activities.</p> <p>ASCO Australia understands the duty to co-operate with the port users and will assist in fulfilling the requirements of applicable regulations in meeting objectives. ASCO Australia as an employer has a Duty of Care to all employees, third party contractors & others, adjoining land users and visitors operating within the Darwin Marine Supply Base.</p> |
| <p>7.2 Communication of Environmental Interface Arrangements</p> |
| <p>As part of the DMSB management commitment and reporting structure ASCO will communicate interface arrangements. As a minimum, management team will communicate all environmental interface arrangements with Darwin Port and stakeholders.</p> |
| <p>7.3 Operational Support</p> |
| <p>ASCO Australia confirm that in carrying works within the Darwin Marine Supply Base, adequate support is available to safely perform these services, ensuring protection of the environment, as documented within the HSSEQ managementsystem.</p> |
| <p>7.4 Management of Change</p> |
| <p>ASCO Australia shall ensure that changes to the relevant policies, standards and procedures are made available to DP. All site modifications will be carried out in accordance with the ASCO GOP-HSSEQ-036 Management of Change Procedure.</p> |
| <p>8.0 Environmental Framework</p> |
| <p>ASCO Integrated Management System (AIMS) framework will be utilised for the Darwin Marine Supply Base to ensure environmental compliance;</p> <p>GOP-HSSEQ-036 Management of Change - This procedure defines the requirements and process to manage change,</p> |

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required in order to minimise the introduction of additional risk

[GOP-HSSEQ-042 Planned Inspections](#) -The following procedure and process is to facilitate the elimination of potential causes of non-conformance

[GOP-HSSEQ-019 Hazard Identification and Control](#) - This procedure describes and defines the many and varied processes by which the organisation identifies and controls hazards arising from its undertakings

[GOP-HSSEQ-010 Document Control](#) and [WA-GOP-HSSEQ-006.01 Document Control and Control of Records](#) - The purpose of this procedure is to describe the procedure for the control of all documentation relating to the Darwin Marine Supply Base

[GOP-HSSEQ-012 Emergency Response Planning](#) - This procedure provides ASCO Australia with a framework to establish and maintain procedures to identify the potential for and to respond to accidents and emergencies, and for preventing and mitigating the environmental impacts that may be associated with them

[GOP-HSSEQ-039 Monitoring and Measurement](#) - The purpose of this procedure is to ensure that effective monitoring and measurement of Darwin Marine Supply Base activities that may have a significant impact on the environment are undertaken on a regular basis

[GOP-HSSEQ-014 Environmental Review](#) - All new ASCO premises will undergo an initial environmental review to include site history, legislative requirements, aspects and impacts identification, emergency response requirements to ensure environmental compliance

[GOP-HSSEQ-013 Environmental Aspects and Impacts Register](#) - This procedure pertains to the preparations of the ASCO Australia DMSB Aspects and impacts Environmental Register that ASCO Australia can control or influence

[GOP-HSSEQ-033 Verification](#) - To ensure all areas of ASCO Australia complies and evaluates periodically compliance to their legal requirements

[GOP-HSSEQ-032 Internal Audit](#) - This procedure is to ensure that the ASCO Integrated Management System (AIMS) is audited on a regular basis to ensure compliance with ISO 14001

[GOP-HSSEQ-017 External Audit](#) - This procedure is to ensure that vendors of goods and services are chosen for their ability to supply requirements which conforms to ASCO environmental standards.

9.0 Health, Safety and Environment Quarterly Users' Forum

The Darwin Marine Supply Base has the Health, Safety and Environment quarterly users' forum. These meetings ensure ASCO's commitment to providing and maintaining a safe, healthy and environmentally aware workforce. ASCO Darwin HSSEQ Department will also take part in Darwin Port health and safety briefings to ensure continual coordination and cooperation between both parties in for all activities within the Darwin Marine Supply Base and port areas.

9.1 Port User Group

The Port User Group is a body established to provide a communication and discussion forum for parties whose operations impact upon the Port of Darwin region ASCO Australia is committed to attending and contributing to this forum.

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| <p>10.0 Government Agencies</p> |
| <p>10.1 Australian Maritime Safety Authority</p> <p>The Australian Maritime Safety Authority Act 1990 (Commonwealth) sets out the functions of the Australian Maritime Safety Authority (AMSA). Responsibilities include the protection of the marine environment from ship-sourced pollution. AMSA also has responsibilities under a variety of legislation relating to protection of the marine environment including the Protection of the Sea (Prevention of Pollution from Ships) Act 1983 (Commonwealth). AMSA administers the National Plan to Combat Pollution of the Sea by Oil and Other Noxious and Hazardous Substances and is responsible for coordinating, investigating and cleaning up oil spills of national significance. Under ‘Port State Control’, AMSA conducts a program of inspections of foreign ships entering Australian ports based on their risk profile. These inspections are carried out to ensure that ships comply with the relevant requirements of the International Maritime Organisation (IMO), including MARPOL 73/78. Should a ship, the qualifications of its crew or shipboard safety management system, be found to not comply with the appropriate requirements, AMSA may require corrective action which can include detention of the ship until satisfactory repairs are carried out, or remedial action is taken.</p> |
| <p>10.2 Australian Quarantine - Department of Agriculture and Water Resources (DoAaWR)</p> <p>The Department of Agriculture and Water Resources (DoAaWR) is the lead federal government agency providing quarantine inspection services for the arrival of international passengers, cargo, mail, animals and plants and their products into Australia.</p> <p>DoAaWR is responsible for the management of ballast water issues, including monitoring of compliance of shipping with the <i>Australian Ballast Water Management Requirements (DoAaWR)2001</i> at each first port of call in Australia. These requirements are designed to reduce the risk of introduced harmful aquatic organisms into Australia’s marine environment through ship’s ballast water.</p> <p>DoAaWR also inspects and certifies a range of animal and plant products exported from Australia.</p> |
| <p>10.3 Australian Border Force</p> <p>The Australian Border Force manage the security and integrity of Australia’s borders. The service works closely with other government and international agencies, in particular the Australian Federal Police, the DoAaWR, the Department of Immigration and Multicultural and Indigenous Affairs and the Department of Defence, to detect and deter unlawful movement of goods and people across the border.</p> |
| <p>11.0 Local Environment</p> <p>The Darwin region has a monsoonal climate, with a wet season lasting from October to April and the remainder of the year referred to as the dry season. During the transition from the dry season and throughout the wet season Darwin and surrounding areas experience many isolated, intense, electrical and high rainfall storms.</p> <p>Darwin’s mean annual rainfall of 1,715 mm (Bureau of Meteorology data from Darwin Airport weather station is highly seasonal varying from 1 mm in July to 400 mm in January.</p> <p>Temperatures tend to remain within a relatively narrow range throughout the year. The annual mean minimum temperature is 23.2 °C and the annual mean maximum temperature is 32.0 °C. Lowest temperatures and least rainfall occur in June and July, whereas the highest temperatures occur in the months of October and November. The annual mean daily evaporation is 7.1 mm and monthly figures range from 5.7 mm a day to 8.0 mm a day.</p> |

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Wind direction during the wet season is predominantly from the west and northwest and during the dry season the wind direction is predominantly from the east and southeast.

Tropical cyclones (low pressure systems) commonly form during the wet season. The timings of cyclones can link with high tides to develop storm surges along the coastline.

11.1 Surface Water

The Darwin Marine Supply Base has a storm water system designed and constructed to meet requirements and function ability which includes:

- An underground pipe system designed for the minor events up to 50% of annual exceedance probability
- A treatment system to remove 70% of suspended solids from the overall storm water discharge on site.

The storm water system is engineered to provide a level of service both in terms of collection and treatment that exceeds that of most industrial and urban developments within the Northern Territory.

11.2 Marine Waters

Water quality in Darwin Harbour is dependent on tides, seasons and location within the harbour. The marine waters around the Darwin Marine Supply Base, in common with most other estuarine systems, are subject to significant seasonal fluctuations in salinity and temperature. Additionally, run-off containing suspended particulate matter, inorganic and organic nutrients and a wide range of other constituents enter the estuary from the surrounding developed and undeveloped sections of the catchment area.

11.3 Flora and Fauna

The closest national park to the East Arm Wharf is Charles Darwin National Park, which is located on the coastline between the Central Business District of Darwin and East Arm Wharf; refer to ASCO Australia [PL-AUS-DAR-002](#) Flora and Fauna Management Plan - DMSB for further information on this subject.

11.4 Marine Fauna

Three species of dolphin (Australian snubfin, Indo-Pacific humpback and the Indo-Pacific bottlenose) and the dugong are commonly encountered within the Darwin Harbour region.

Six species of sea turtle occur within the Darwin Harbour area including the Flatback Turtle (*Natator depressus*) and Olive Ridley Turtle (. The Saltwater Crocodile also inhabits the harbour, however, is actively removed from the Harbour as part of a crocodile management program.

Darwin Harbour is home to 415 species of fish, sharks and rays from 95 families. The extent of marine invertebrate fauna in the Darwin Harbour region is not well known and is still being described. It is estimated that in excess of 3,000 marine invertebrate species exist within Darwin Harbour.

The harbour supports several endemic and migratory bird species, including raptors, egrets, herons, gulls and terns. Many of the shorebirds that visit the mudflats are migratory species protected by the Japan Australia Migratory Bird Agreement (JAMBA) and the China Australia Migratory Bird Agreement (CAMBA).

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| <p>12.0 Environmental Aspects and Impacts Register</p> <p>An Environmental aspects and impacts register has been prepared to include aspects and impacts related to DarwinMarine Supply Base Activities.</p> <p>Environmental concerns arising due to Darwin Marine Supply Base activities that can interact with the local environment have been assessed utilising the ASCO HSSEQ aspects and impacts procedure to ensure appropriate controls are established. The aspects and impacts register is a live document that is continually updated and revised as a minimum quarterly.</p> <p>An impact refers to any change to the physical environment, whether adverse or beneficial, wholly or partially resulting from a Darwin Marine Supply Base activity.</p> |
| <p>13.0 ASCO Australia Legal Register</p> <p>As required by law, ASCO Policies and Procedures shall comply with all legally applicable Safety laws and regulations together with any additional and relevant guidelines, standards and codes.</p> <p>ASCO Management, Supervisors and Personnel shall take all necessary precautions related to or arising out of the performance of the Services in order to protect themselves and property of ASCO, Stakeholders and third parties.</p> <p>ASCO shall ensure that its personnel, facility users and sub-contractors are fully informed of and comply with all such laws or regulations, statutory requirements and any additional guidelines, operating standards or codes including those of Stakeholder (Port management act and regulations).</p> <p>If any of ASCO’s personnel, facility users or sub-contractors violates any such rule, regulations or other such requirement, ASCO shall as soon as reasonably practical correct and implement preventative measures to avoid recurrence. ASCO shall also immediately report (verbally and in writing) of any such violations DP Representative.</p> <p>In the event of a conflict between this SMP and applicable legal and regulatory requirements, the applicable legal and regulatory requirements shall be followed. If this SMP creates a higher obligation, it shall be followed as long as full compliance with applicable legal and regulatory requirements is also achieved.</p> |
| <p>14.0 Task Based Risk Assessment (TBRA)</p> <p>Task Based Risk Assessment identifies and defines the steps, process and persons involved when conducting an assessment of risk whether it be environmental or other.</p> <p>Hazard - something with the potential to cause harm</p> <p>Risk - the potential likelihood of the harm resulting from the hazard being released to the environment.</p> <p>All assessments on the environment should identify the risks involved and be appropriate to the nature of the work and such that it remains valid within operational scope.</p> <p>Each assessment being conducted should utilise the ASCO risk matrix, the risk matrix is function of likelihood and consequence of the risk.</p> <p>Likelihood reflects the chance of risk, or an unwarranted outcome, actually occurring. It can be based on historical data or on an estimate arising from an assessment by a group of persons familiar with the business process being analysed</p> |

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Severity reflects the degree of impact of an unwarranted event. Owing to the diversity of the nature of risks faced by the Corporation, the following factors are considered in determining the level of consequence.

15.0 Managing Risk

Incident Reporting

For work conducted at ASCO facilities, ASCO shall, as soon as reasonably possible, report internally any incident if the incident has resulted in but is not limited to:

- Fatality
- Injury or occupational illness that may result in a medically treated and above Incident ('Medically treatment Case' defined as any work-related injury or illness which results in any treatment that can only be performed by a medical professional)
- Medical evacuation.
- Chemical spills reaching water or unlined/unprotected earth.
- Any HSE incident or high potential incident with potential for significant adverse reaction from Stakeholders, government authorities, media or the general public.

Stakeholders and Clients will be notified verbally or via email within 4 hrs of the incident with the initial incident report provided to them within 24 hours.

The following incidents are to be reported by the next business day:

- Injury or occupational illness requiring first aid
- Near misses
- Accidental damage or loss of material or equipment.

All incidents with the potential to harm/including Near Miss are fully investigated and will be led by HSSEQ department utilising ASCO procedures including but not limited to incident reporting and investigation and HSSEQ incident report approval and distribution. All Stakeholders, Client and Third parties will be invited to contribute where necessary to investigation process and all outcomes are shared for lateral learning in the form of lessons learned and safety alerts communications through the ASCO group utilising the LiveSafe communications process.

As part of the DMSB HSSEQ Scorecard all investigations and any corrective actions from investigations are closed in line with allocated timelines (30 days). For ASCO controlled facilities the companies [GOP-HSSEQ-019](#) Hazard and Incident Reporting and Investigation procedure takes precedence and all hazards and incidents shall be reported using the ASCO [GOP-HSSEQ-034](#) LiveSafe Database.

Any incident requiring notification to 3rd parties, Government Departments or Regulators will be immediately reported to the Director of Operations Australasia and or HSSEQ Department. These persons will immediately notify the designated Stakeholder representative (DP Emergency Control Room and or Harbour Control, verbally and in writing with copies of relevant incident reports as soon as practicable). The Director of Operations Australasia and/or HSSEQ Department will provide verbal notification to these agencies within the required reporting timeframes.

For work conducted at the Marine Supply Base, ASCO Australia, Subcontractors and Stakeholder personnel are required to immediately inform their assigned ASCO Supervisor/Manager of all:

- Injuries and illnesses
- Chemical spills and releases to water or atmosphere
- Accidental damage or loss of material or equipment
- Near miss incidents
- High Potential incidents.



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All people within the Northern Territory are subject to the mandatory reporting requirements of Section 14 of the Waste Management and Pollution Control Act. Where this applies, dependent on severity ASCO management team will notify Northern Territory Environmental Protection authority in accordance with regulatory guidelines, Darwin Port will also be notified in accordance with emergency reporting requirements.

15.1 Environmental Duties

ASCO Australia will take all measures that reasonable and practical to;

- Prevent and minimise pollution to the local environment
- Reduce and minimise waste.

ASCO Australia will assess waste and continually review controls to ensure protection to the local environment in accordance with Part 3 Section 12 of the waste management and pollution control act.

ASCO Australia will as soon as practical (and in any case within 24 hours) Notify NT EPA of incidents causing or threatening to cause pollution within the Darwin Marine Supply Base in accordance with part 3 section 14 of the wastemanagement and pollution control act.

16.0 Emergency Preparedness, Response and Recovery

Personnel health and safety is ASCO Australia’s primary concern in all incidents. All Darwin Marine Supply Base emergency response plans must incorporate all possible emergency situations which may result in an environmental impact within the Marine Supply Base or adjoining land users. Emergency plans must include as a minimum:

- Detail requirements for co-ordination of resources to ensure effective control and clean-up after accident oremergency situations
- Establish a framework to be used for the co-ordination of Darwin Marine Supply Base Personnel, effectivecommunication technique for local Government Departments, adjoining land users and other appropriateorganisations during and after an emergency situation
- Ensure [ERP-AUS-HSSEQ-001](#) Darwin Marine Supply Base Emergency Response Plan incorporates periodic testingand review to ensure compliance to current legislation requirements.

The ASCO Darwin Marine Supply Base management team is responsible for ensuring that appropriate emergency preparedness and response plans are developed, implemented, tested, reviewed and improved.

17.0 Incident Recording and Investigation

The aim of the ASCO [GOP-HSSEQ-034](#) LiveSafe Database is to ensure that all incidents including environmental are promptly reported, documented, assessed and recorded in LiveSafe database.

All accidents and emergency incidents will be reported and investigated utilising the ASCO LiveSafe Database, toensure suitable investigation, tracking of recommendations and outcomes and suitable retention.

Darwin Marine Supply Base Management group are responsible for ensuring that environmental incidents are reportedto the Darwin port Organisation and Harbour Control, and dependent on severity local environmental government agency.

The DMSB Manager is accountable for assigning authority to employees responsible for ensuring that the appropriate authorities are informed of any emergency incidents in accordance with legislative requirements.

Environmental incidents and complaints are to be managed and investigated in accordance with ASCO HSSEQ Investigation reporting and investigation and incident report distribution and approval procedures and distributed accordingly to local partners and adjoining land user for feedback and lateral learning. These ASCO HSSEQ procedures

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provide definitions of environmental Incidents and identify notification, response and reporting requirements to ensure suitable and sufficient investigation and recommended remedial actions are followed to completion.

Incident reporting investigations and corrective actions are collated within the ASCO LiveSafe database and used with a view to continuous improvement.

18.0 Marine Pollutants

Suspected marine pollution incidents must be reported to the Marine Safety Branch of the Department of Planning, Logistics and Infrastructure on 08 8924 7100 during office hours. Alternatively, officers can contact the 24 hours pollution hotline on 1800 064 567. This should also be raised immediately with Darwin Port Organisation Emergency Control and Harbour control.

19.0 Oil Spills

Oil spills to marine waters are regulated under the Marine Pollution Act (NT) by the Marine Safety Branch of the Northern Territory Department of Planning and Infrastructure. This should also be raised immediately with Darwin Port Organisation and Harbour Control in line with documented reporting structure as mentioned within Managing risk and emergencies section of the document.

Oil spills within the Marine Supply Base are regulated by the Department of Natural Resources, Environment, the Arts and Sport, under the Waste Management and Pollution Control Act all spills to land within the MSB will follow direction and guidelines as per the DMSB Spill Response Management Plan.

The Australian Maritime Safety Authority manages the National Marine Chemical Spill Contingency Plan. All tenants and operators on Darwin Portland, and operators within Marine Supply Base area have a responsibility to report environment incidents.

20.0 Non-Conformances

Environmental non-conformances can arise from incidents/accidents, monitoring, technical audits, and deviations from the plan objectives and targets.

Corrective action to re-establish compliance should be taken as soon as possible. Utilising the ASCO [GOP-HSSEQ-046](#) Service Improvement Process:

The Service Improvement Document (SID) system is the foundation of the ASCO Australia process for addressing non-conforming product or service. Any issue that is raised internally or externally that has the potential to impact the business or client activities, has resulted in a service failure or a client complaint will be addressed through this system.

Through the SID system, issues are documented and recorded formally and assigned to the relevant personnel for investigation. Subsequently corrective and preventative actions are implemented to eliminate recurrence.

All SIDs raised are recorded on the SID database on the ASCO HSSEQ Database. All SIDs will be categorized and will be used for trend analyses all analyses will be shared with ASCO locations worldwide and partners to communicate Lessons Learned.

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| <p>21.0 Internal Auditing</p> <p>ASCO Australia view internal audits as a fundamental process within the philosophy of continual improvement, as such we operate an internal audit schedule which at present ensures that each business area is audited biannually. Internal audits are performed by ASCO Australia core Management and HSSEQ Department.</p> <p>The Internal Audit schedule will take into account previous audit findings, incident frequency, environmental failure and frequency to determine which areas require prioritizing. ASCO Australia adheres to the ASCO procedure in place in relation to GOP-HSSEQ-032 Internal Audits.</p> <p>Independent verification and certification will be welcomed as and when required by stakeholders, Darwin Port and local environmental agencies.</p> |
| <p>22.0 Document Control</p> <p>As per ASCO GOP-HSSEQ-010 Document Control process documents associated with the Environmental Management Plan will be maintained and stored accordingly within ASCO Integrated Management System (AIMS).</p> <p>All hard copy documents are considered to be uncontrolled and users of uncontrolled documents are accountable for ensuring that they are using the current revision.</p> <p>All ASCO Darwin Marine Supply Base Employees will have access to ASCO Australia documentation on the ASCO internet. The ASCO Management group and HSSEQ Department will have full access to all relevant documentation for maintenance and review purposes.</p> <p>The HSSEQ Department is responsible for ensuring that the latest version of the Environmental Management Plan documentation is made available to all relevant personnel.</p> |
| <p>23.0 Document Review</p> <p>In order to ensure that this Environmental Management Plan continues to be effective and applicable to activities within the Darwin Marine Supply Base, it will be reviewed annually by the Darwin Marine Supply Base management group and HSSEQ Department.</p> <p>Conditions which might warrant a review of the procedure on a more frequent basis would include;</p> <ul style="list-style-type: none"> • Any injury or near miss resulting from environmental failure • Non-conformances relating to this environmental plan • Changes to legislation. |

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24.0 Appendix A - HSSEQ Policy



POLICY STATEMENT

ASCO HSSEQ

POLICY STATEMENT

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ASCO is committed to protecting the health and safety of everybody involved in our activities, the people who come into contact with our operations and the sustainability of the environments in which we operate. We are driven to deliver high standards of practice through our fundamental obsessions of Safety, Service and Sustainability Excellence in the delivery of our moral and legal obligations including international codes and standards.

The ASCO Integrated Management System (AIMS) provides the framework to ensure that risks are identified, controlled and communicated in all areas of our operations. Our goal is to create the next generation of logistics and materials management which delivers high quality service free from injuries and ill health, asset or environmental damage. Specifically, we will strive to:

- develop and implement a rigorous and systematic approach to health, safety, security, environmental and quality management in accordance with the applicable legislation and standards of the countries in which we operate
- empower all our employees and contractors to STOP any activity they consider a threat to health, safety, security or the environment
- ensure that our safety goals, standards and rules are understood by everyone
- engage, listen and respond openly to our employees, contractors, clients, neighbours, regulators, public interest groups and other stakeholders on all HSSEQ issues
- set clear and measurable targets to ensure continuous improvement in health, safety, security, environment and the quality of service delivery
- review and monitor our HSSEQ performance, recognising those who contribute positively to improving this and openly reporting upon our performance and providing full transparency to all our stakeholders

- provide appropriate training, equipment and facilities to enable our employees to carry out their work competently in a professional and safe manner
- ensure that all Major Accident Hazard operations we carry out are delivered in accordance with the legislative requirements set by the enforcement authorities and industry best practice
- ensure adequate response plans and resources are in place to minimise the impact of any incident or emergency situation
- empower our managers to lead health, safety, security, environmental and service delivery performance and authorise them to take immediate action to remove or control safety or environmental hazards when they are identified
- include health, safety, security, quality, environmental competences and performance in the appraisal of all employees and core contractors
- regularly review the suitability and effectiveness of this policy, our management systems, targets and objectives

Responsibility and Implementation

Responsibility for compliance with this policy lies with the Group Chief Executive, the ASCO Management Board and the Executive Leadership Team. It is also the responsibility of all individuals to make themselves aware of all HSSEQ risks and to act positively to remove or reduce these risks to themselves, to their colleagues and anyone else who may be affected.



Peter France
ASCO Group Chief Executive Officer

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