Australian Government

MARM009 Implement a systematic approach to the audit of safety management systems

MARM009 Implement a systematic approach to the audit of safety management systems

Modification History

Release 1. New unit of competency.

Application

This unit involves the skills and knowledge required to implement a systematic approach to the audit of safety management systems (SMSs) on commercial vessels. It includes advising vessel owners, masters and and/or crew on the requirements for developing and implementing appropriate safety systems and plans.

This unit applies to individuals with responsibilities for auditing SMSs including safety plans and equipment, work health and safety/occupational health and safety (WHS/OHS) policies, procedures, and instruction and training for self, crew and others.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Not applicable.

Competency Field

M – Marine Surveying

Unit Sector

Not applicable.

Elements and Performance Criteria

Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.	
1 Scope legislative and regulatory framework	1.1	Relevant legislation and standards for the role of surveyor in auditing SMSs are identified and evaluated
	1.2	Relevant safety management legislation and standards for vessel owners and operators, and implications for managing safety of crew and others is identified and evaluated
	1.3	Sources of information and data for impact on hazards, risks and management of SMSs on commercial vessels are

monitored

2	**Determine safety management priorities and identify implementation plans**	2.1	Safety management priorities are determined in consultation with colleagues and other workplace consultative arrangements
		2.2	Appropriate implementation plans are identified to ensure preparedness for SMS audit
		2.3	Input from surveyors, SMS specialists and technical advisors is sought when required
3	**Audit vessel safety management systems for vessel operations and provide advice to control risks**	3.1	Vessel SMSs are identified and assessed for compliance
		3.2	Existing safety management arrangements are identified and advice on proposed changes is provided
		3.3	Appropriate advice is provided to vessel owners and operators on risk mitigation
		3.4	Disputes relating to SMS implementation issues are handled effectively and negotiation skills are employed to ensure agreement on SMS action plans
		3.5	Regulatory documentation and vessel history are updated to reflect advice provided and agreed actions plans, according to organisational or legislative requirements
4	**Evaluate effectiveness of approach to audit of safety management systems**	4.1	Sources of external and internal SMS information and data are accessed as part of evaluation
		4.2	Need for any external evaluation input is identified and action is taken as appropriate
		4.3	Stakeholders are consulted for evaluation input
		4.4	Areas for improvement are identified, documented and actioned

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

Range is restricted to essential operating conditions and any other variables essential to the work environment.

Relevant legislation and standards include one or more of the following:	• commonwealth, state and territory WHS/OHS legislation • Marine Safety (Domestic Commercial Vessel) National Law • National Standard for Commercial Vessels (NSCV) • National Standard for the Administration of Marine Safety (NSAMS)
Commercial vessels must include:	• vessels defined as commercial vessels in Marine Safety (Domestic Commercial Vessel) National Law

Safety management priorities include one or more of the following:	• identifying:
	  • high risk vessels
	  • known hazards to vessel operations
	  • range and types of additional compliance arrangements

Consultative arrangements include one or more of the following:	• health and safety representatives • industry associations and peak bodies • involvement in SMS activities such as observing inspections and surveys • regulatory and other SMS consultative and planning committees • unions • work group meetings
Implementation plans include one or more of the following:	• communicating with vessel owners and operators about new requirements • developing procedures and policies for SMS audit • negotiating compliance timeframes based on risk documented plans developed in negotiation with vessel owners and operators to improve SMS management, which allocates items to be addressed and timeframes • procedures for reporting hazards and non-compliance • SMS performance indicators for a range of different commercial operations
SMS specialists include one or more of the following:	• industry peak bodies • ISM code auditors • other surveyors • regulators • risk management specialists • WHS/OHS specialists
Technical advisors include one or more of the	• engineers • legal practitioners

following:	• maintenance and trades people
	• naval architects
	• shipwrights
	• workplace trainers and assessors
Risk mitigation include one or more of the following:	• engaging consultants
	• interpreting legislation to vessel operations and size
	• ongoing self-assessment and testing of systems
	• reducing operational capacity
	• repairs and maintenance
	• safety data sheets/material safety data sheets
	• training of crew
SMS action plans include one or more of the following:	• changes to:
	• management practices
	• operational environment
	• operational practices and conditions
	• work processes and systems
	• equipment purchases
	• introducing new technology
	• introducing training and instruction
	• material purchases
	• organisational restructure
	• other labour market changes
	• refreshing skills
Sources of external and internal SMS information and data include one or more of the following:	• consultants
	• employees/colleagues
	• government departments/agencies including SMS authorities and organisations such as AMSA
	• industry networks and associations
	• internet sites
	• manufacturer manuals and specifications
	• newspapers and journals, trade/industry publications
	• SMS and other relevant legislation
	• SMS specialists
	• technical data
Stakeholders include one or more of the following:	• colleagues and other supervisors
	• managers/employer
	• maritime safety authorities
	• SMS committees
	• tradespeople
	• vessel owners and operators

Unit Mapping Information

This unit replaces and is equivalent to MARM4005A Implement a systematic approach to the audit of safety management systems.

Links

Companion Volume implementation guides are found in VETNet - https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=772efb7b-4cce-47fe-9bbd-ee3b1d1eb4c2

    Australian Industry Standards