

Transitioning from AS/NZS 4187:2014 to AS 5369:2023

Identifying changes and implementation strategies for health service organisations

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## About this document

This document is to assist health service organisations to implement the updated and new requirements introduced in AS 5369:2023 *Reprocessing of reusable medical devices and other devices in health and non-health related facilities*.

## Overview

[Action 3.17a](https://www.safetyandquality.gov.au/standards/nsqhs-standards/preventing-and-controlling-infections-standard/reprocessing-reusable-equipment-and-devices/action-317) of the [National Safety and Quality Health Service (NSQHS) Standards](https://www.safetyandquality.gov.au/standards/nsqhs-standards) requires health service organisations to have processes for reprocessing that are consistent with relevant national and international standards, in conjunction with manufacturers’ guidelines.

In December 2023, AS 5369:2023 superseded AS/NZS 4187:2014 *Reprocessing of reusable medical devices in health service organisations* and AS/NZS 4815:2006 *Office-based health care facilities - Reprocessing of reusable medical and surgical instruments and equipment, and maintenance of the associated environment*.

AS 5369:2023 specifies the requirements for the effective and safe reprocessing, storage, handling, and transportation of reusable medical devices (RMDs) and other devices used in human health care and other treatments. Implementation of AS 5369:2023 is required in all healthcare settings as well as other non-healthcare settings where RMDs and other devices are in use.

## Key changes

The transition from AS/NZS 4187:2014 to AS 5369:2023 involves the following key changes, several of which are significantly different to AS/NZS 4187:2014 and have resource implications for health service organisations:

* An expanded scope to include office-based and non-health related facilities that use RMDs and other devices for diagnosis, treatment, and other procedures
* No recommendation on the timeframe for health service organisations to implement the requirements of AS 5369:2023, while AS/NZS 4187:2014 recommended a two-year timeframe
* An emphasis on a risk-based approach
* A recommendation for annual training of staff in infection prevention and control and occupational exposure procedures
* An emphasis on management responsibilities, and the establishment of systems such as business continuity planning to ensure compliance with the standard under all conditions
* Requirements about evidence of accreditation and quality management activities in contracts with third parties for reprocessing services
* The involvement of competent persons to oversee document and record controls and product selection processes
* An emphasis on Therapeutic Goods Administration (TGA) requirements for RMDs, RMDs accessories, reprocessing equipment, and reprocessing agents
* Additional guidelines for maintaining traceable and legible records
* Guidance for grouping devices into product families, which determine the methods for reprocessing
* Facility design that supports dedicated reprocessing areas and adherence to unidirectional workflows to mitigate cross-contamination risks
* Stipulations for cleaning sinks, hand hygiene facilities and ventilation systems
* Enhanced risk assessment and performance qualifications for handling, storage, and transport of RMDs and other devices to prevent contamination and ensure safety throughout the reprocessing cycle.

Table 1 maps AS 4187:2014 to the detailed updates and new requirements of AS 5369:2023 and includes suggestions for implementation strategies for health service organisations*.* In general, a staged implementation process, informed by risk assessment, is recommended.

## Implementation considerations

Health service organisations should conduct a gap analysis using a risk-based approach to determine changes that are necessary to align with the new requirements in AS 5369:2023.

Health service organisations should update or develop an asset management plan, including timelines for future redevelopment or upgrade to their reprocessing service to meet the requirements of the new standard.

Table 1. Major changes in AS 5369:2023 and implementation strategies for health service organisations

| Heading | AS/NZS 4187:2014 | AS 5369:2023 | Implications for implementation of AS 5369:2023 in health service organisations |
| --- | --- | --- | --- |
| Scope | Specifies the requirements and practices necessary for the effective and safe reprocessing, storage, handling, and transportation of RMDs in health service organisations. | Specifies reprocessing requirements for all healthcare facilities, including office-based facilities (such as medical clinics, dental practices, and podiatry practices) that use RMDs and other devices for diagnosis, treatment, and other procedures (previously covered under AS/NZS 4815:2006).  Lists some products that may be considered to be medical devices in some jurisdictions, such as items specifically intended for cleaning or sterilisation of medical devices; pouches, reel goods, sterilisation wrap, and reusable containers for packaging of medical devices for sterilisation; disinfection substances; aids for persons with disabilities; devices incorporating animal and/or human tissues; and/or devices for in vitro fertilization or assisted reproduction technologies. | Health service organisations should adopt a risk-based approach and develop a risk assessment process and management system for reprocessing RMDs and other devices.  Health service organisations should follow the [*Australian Guidelines for the Prevention and Control of Infection in Healthcare*](https://www.safetyandquality.gov.au/our-work/infection-prevention-and-control/australian-guidelines-prevention-and-control-infection-healthcare) (the Guidelines) and their jurisdiction requirements about which products should be included as reusable medical devices and ensure their local procedures and processes on reprocessing, storage, handling, and transportation are in line with the new standard AS 5369:2023.  Health service organisations can refer to Section 3.1.4 *Reprocessing of reusable medical devices* of [the Guidelines](https://www.safetyandquality.gov.au/our-work/infection-prevention-and-control/australian-guidelines-prevention-and-control-infection-healthcare) and Appendix B *Guidance on a risk-based approach* of AS 5369:2023. |
| Education and training | Provides occupational health, workplace health and safety and training recommendations that apply to the operation of sterilising facilities. | Recommends that staff should be trained annually in local procedures for occupational exposure to blood and body substances.  Recommends that staff should be trained annually on infection prevention and control methods, such as personal protective equipment (PPE), hand hygiene and waste disposal. | Health service organisations should review the training needs of its workforce involved in reprocessing, storage, handling, and transportation of RMDs and other devices, focusing on infection prevention and control procedures and protocols, use of PPE, hand hygiene, waste management and occupational exposure prevention and management. Set a schedule for training workforce where knowledge and skills deficits are identified.  Health service organisations should refer to the [Clinical Governance Standard](https://www.safetyandquality.gov.au/standards/nsqhs-standards/clinical-governance/clinical-governance-standard) and the [Preventing and Controlling Infections Standard](https://www.safetyandquality.gov.au/standards/nsqhs-standards/preventing-and-controlling-infections-standard) of the [NSQHS Standards](https://www.safetyandquality.gov.au/standards/nsqhs-standards) for relevant actions that relate to staff training.  Health service organisations can refer to Section 4.3 *Education and training* of [the Guidelines](https://www.safetyandquality.gov.au/our-work/infection-prevention-and-control/australian-guidelines-prevention-and-control-infection-healthcare) on education strategies. |
|  | Lists a minimum formal induction/orientation and training program for new staff should include modes of transmission of infection, infection prevention and control principles, hand hygiene, workplace health and safety issues, reprocessing activities, documentation, and record keeping. | Recommends incorporating an overview of quality management systems in relation to patient safety programs into the minimum formal induction/orientation and training program. | Health service organisations consider updating their formal orientation and training program to incorporate an overview of their quality management system.  Health service organisations should refer to the [Clinical Governance Standard](https://www.safetyandquality.gov.au/standards/nsqhs-standards/clinical-governance/clinical-governance-standard) and the [Preventing and Controlling Infections Standard](https://www.safetyandquality.gov.au/standards/nsqhs-standards/preventing-and-controlling-infections-standard) of the [NSQHS Standards](https://www.safetyandquality.gov.au/standards/nsqhs-standards) for relevant actions that relate to staff training.  Health service organisations can refer to Section 4.3 *Education and training* of[the Guidelines](https://www.safetyandquality.gov.au/our-work/infection-prevention-and-control/australian-guidelines-prevention-and-control-infection-healthcare) on education strategies and [ISO 9001:2015 *Quality management systems requirements*](https://www.iso.org/standard/62085.html) for the requirements on how to establish, implement, maintain and continually improve a quality management system. |
| Documentation | Documents required by the standard shall be approved by designated personnel. | Documents required by the new standard shall be approved by competent persons.  Documents and records should include purchasing records, monitoring of reprocessing equipment records, cleaning process records, cleaning of the reprocessing facility, sterilisation and high-level disinfection process records, staff training and competency records, maintenance records for RMDs and other devices and reprocessing equipment, microbiological surveillance testing, Installation Qualification, Operational Qualification and Performance Qualification for reprocessing records, process deviation reports and recall records. | Health service organisations should determine approval processes for these documents consistent with their local governance arrangements, including governance of reprocessing services.  Health service organisations should refer to the [Clinical Governance Standard](https://www.safetyandquality.gov.au/standards/nsqhs-standards/clinical-governance/clinical-governance-standard) of the [NSQHS Standards](https://www.safetyandquality.gov.au/standards/nsqhs-standards) for relevant actions that related to clinical performance and effectiveness. |
| Management responsibilities | Requires health service organisations’ executive management to ensure an organisational structure supports the requirements of the standard. | Details the management responsibilities to have appropriate systems, such as a business continuity plan, to ensure the requirements of the new standard are met at all times, regardless of emergency or other suboptimal operating conditions. | Health service organisations should have business continuity processes in place to ensure that reprocessing of RMDs and other devices can continue safely regardless of emergency or other suboptimal operating conditions. Management should be involved in regular reviews of their organisational structure and business continuity or disaster plan to ensure strategic alignment and resource availability for compliance.  Health service organisations should refer to the [Clinical Governance Standard](https://www.safetyandquality.gov.au/standards/nsqhs-standards/clinical-governance/clinical-governance-standard) and the [Preventing and Controlling Infections Standard](https://www.safetyandquality.gov.au/standards/nsqhs-standards/preventing-and-controlling-infections-standard) of the [NSQHS Standards](https://www.safetyandquality.gov.au/standards/nsqhs-standards) for relevant actions related to management and clinical governance.  Health service organisations can refer to Section 4.1 *Management and clinical governance* of [the Guidelines](https://www.safetyandquality.gov.au/our-work/infection-prevention-and-control/australian-guidelines-prevention-and-control-infection-healthcare) on their roles and responsibilities. |
| Contracts | For reprocessing services that have been outsourced to a third party, health service organisations shall ensure that an agreement is in place that identifies the responsibilities of each party, including the requirement to comply with the standard. | In addition to the agreement, AS 5369:2023 stipulates that the contract should include evidence of accreditation, internal or external audit or other quality activities that demonstrate a satisfactory level of risk management and conformance to the new standard. | When a third-party provider is involved, health service organisations should ensure all contracts for reprocessing services include:   * Responsibilities of each party * Evidence of third party’s compliance with relevant standards * Provision for audits of records and quality checks, based on a risk assessment.   Health service organisations should regularly evaluate the third party based on results from audits and quality checks.  Health service organisations should regularly review third party contracts to ensure compliance with the new standard.  Health service organisations should ensure that all requirements by the new standard on contract agreement are documented in relevant policies, procedures, or protocols. Staff who are involved in developing contract agreement and approval processes should be informed of any changes.  Health service organisations should refer to the [Clinical Governance Standard](https://www.safetyandquality.gov.au/standards/nsqhs-standards/clinical-governance/clinical-governance-standard) and the [Preventing and Controlling Infections Standard](https://www.safetyandquality.gov.au/standards/nsqhs-standards/preventing-and-controlling-infections-standard) of the [NSQHS Standards](https://www.safetyandquality.gov.au/standards/nsqhs-standards) for relevant actions related to outsourced services. |
| Purchasing | Requires reprocessing facility manager involvement in the selection process before purchasing an RMD. | Requires the involvement of a competent person in the procedures for purchasing of the selected products for reprocessing, RMDs or other devices and accessories. | Health service organisations should ensure the involvement of personnel with reprocessing expertise in the selection process of products for reprocessing and RMDs/other devices.  Health service organisations should refer to the [Clinical Governance Standard](https://www.safetyandquality.gov.au/standards/nsqhs-standards/clinical-governance/clinical-governance-standard) of the [NSQHS Standards](https://www.safetyandquality.gov.au/standards/nsqhs-standards) for relevant actions related to clinical performance and effectiveness. |
|  | Does not specify the TGA requirements for RMDs and accessories to RMD and reprocessing equipment. | Includes the [TGA requirement](https://www.tga.gov.au/products)s for RMDs/other devices and accessories to RMDs and reprocessing equipment to be entered on the [Australian Register of Therapeutic Goods (ARTG)](https://www.tga.gov.au/products/australian-register-therapeutic-goods-artg). | Health service organisation should review the [TGA requirement](https://www.tga.gov.au/products)s when purchasing new reprocessing equipment, RMDs and other devices, and accessories for these devices.  Health service organisation should conduct a risk assessment in relation to existing reprocessing equipment, RMDs and other devices and accessories for these devices, and consider risk mitigation strategies for high risk equipment, RMDs, and other devices, and accessories for these devices.  Health service organisations should review and update their policies, procedures, or protocols on the processes for purchasing reprocessing equipment, RMDs and other devices, and accessories for these devices to incorporate reference to the TGA requirements. Staff who are involved in those processes should be informed of any changes.  Health service organisations can refer to Section 3.1.4 *Reprocessing of reusable medical devices* of [the Guidelines](https://www.safetyandquality.gov.au/our-work/infection-prevention-and-control/australian-guidelines-prevention-and-control-infection-healthcare) on TGA requirement. |
| Traceability records | Lists minimum requirements of traceability systems for high level chemical disinfection process records and sterilising process records. | In addition to the minimum requirements, AS 5369:2023 specifies requirements for traceability labels and paper-based records:   * Where labels are present on a reusable or single-use medical or other device, the user should affix these to the individual’s notes/records * If paper-based records are kept, they should be prepared and maintained to remain legible for the specified time period. | Health service organisations should review and update their policies, procedures, or protocols on the traceability processes for critical and semi-critical equipment, instruments, and devices taking the new standard into consideration. Changes to policies, procedures or protocols should be informed by a risk assessment. Staff who are involved in those processes should be informed of any changes.  Health service organisations should refer to Action 3.17 the [Preventing and Controlling Infections Standard](https://www.safetyandquality.gov.au/standards/nsqhs-standards/preventing-and-controlling-infections-standard) of the [NSQHS Standards](https://www.safetyandquality.gov.au/standards/nsqhs-standards) for requirements on the traceability process for critical and semi-critical equipment, instruments and devices. |
| Control of monitoring and measuring equipment | Requires periodic calibration checks of all monitoring and measuring equipment by qualified in-house staff or external contractors. Calibration equipment should be certified by a suitable certification body, such as the National Association of Testing Authorities (NATA) in Australia. | Requires periodic calibration checks of all monitoring and measuring equipment by a competent person. Monitoring and measuring equipment should be calibrated by a competent person. A certification body, e.g. the NATA, may be used to certify the calibration of the monitoring and measuring equipment. | Health service organisations should ensure the person, who is involved in monitoring and measuring equipment has acquired the knowledge and skills to perform the tasks through education, training, qualification, experience, or a combination of these.  Health service organisations should review and update their policies, procedures, or protocols on the monitoring and measuring equipment processes to ensure compliance with the new standard. Staff who are involved in those processes should be informed of the change.  Health service organisations can refer to Section 4.3 *Education and training* of [the Guidelines](https://www.safetyandquality.gov.au/our-work/infection-prevention-and-control/australian-guidelines-prevention-and-control-infection-healthcare) on education strategies. |
| Reprocessing agent register | Requires cleaning agents, instrument grade chemical disinfectants and liquid chemical sterilising agents that are supplied in Australia and which are intended for use on RMDs be included in the [ARTG](https://www.tga.gov.au/products/australian-register-therapeutic-goods-artg). | Also requires high-level disinfection systems that are supplied in Australia, and which are intended for use on RMDs to be included in the [ARTG](https://www.tga.gov.au/products/australian-register-therapeutic-goods-artg). | Health service organisations should ensure that high-level disinfection systems (such as an instrument chemical-disinfection system) used for RMDs are included in the [ARTG](https://www.tga.gov.au/products/australian-register-therapeutic-goods-artg).  Health service organisations should review and update their policies, procedures, or protocols on the TGA requirement for high-level disinfection systems to ensure compliance with the new standard. Staff who are involved in those processes should be informed of the change.  Health service organisations can refer to Section 3.1.4 *Reprocessing of reusable medical devices* of [the Guidelines](https://www.safetyandquality.gov.au/our-work/infection-prevention-and-control/australian-guidelines-prevention-and-control-infection-healthcare) on TGA requirement. |
| Standards for reprocessing equipment | Lists the applicable standards for washer-disinfectors, ultrasonic cleaners, drying cabinets, heat sealers, steam sterilisers, dry heat sterilisers, ethylene oxide sterilisers, steam/formaldehyde sterilisers, aeration cabinets, controlled environment storage cabinet for processed thermolabile endoscopes, and biological indicator incubators. | Includes the addition of low-temperature hydrogen peroxide sterilisers and their applicable international standards to the list of reprocessing equipment. | When low-temperature hydrogen peroxide steriliser is used, health service organisations should follow manufacturers’ guidelines and consider relevant standards in development of local procedures or protocols, informed by a risk assessment. Staff who are involved in using this equipment should be informed of and comply with the health service organisation’s requirements relevant to applicable standards.  When health service organisations are reviewing and planning to upgrade obsolete reprocessing equipment, they should compliance with these standards.  Health service organisations should have processes to meet Action 3.17a of the [Preventing and Controlling Infections Standard](https://www.safetyandquality.gov.au/standards/nsqhs-standards/preventing-and-controlling-infections-standard) which requires reprocessing are consistent with relevant national and international standards, in conjunction with manufacturers’ guidelines. |
| Product families | Requires health service organisations to consider and document the classification and method of reprocessing an RMD. | Provides additional guidance and a flowchart to assist with assigning RMDs and other devices to product families based on the intended use of the device, the materials of construction, design of, physical characteristics and packaging of the device. | Health service organisation should consider the product family categorisation methods as specified in Appendix A.5.2 *Product families* of AS 5369:2023 for local procedures or protocols. |
| Reprocessing environment and facility design | Includes requirements for environmental control in areas that can impact the bioburden of an RMD, e.g. control of temperature, humidity, traffic flow, and reprocessing, ventilation and air flow.  Includes requirements on facility design that facilitates a unidirectional workflow from dirty to clean and minimises the risk from cross contamination of a cleaned, disinfected, and sterilised RMD. | Provides additional information on the requirements on reprocessing environment and facility design:   * Where reprocessing of RMDs occurs at the point of use, a dedicated area or room for reprocessing of RMDs shall be provided that is separate to the patient/clinical treatment area or room. If patient care and reprocessing occur in the same room, they should not take place simultaneously. If these activities are undertaken simultaneously, a risk assessment shall be undertaken to ensure this is safe * The point of use reprocessing area/room shall meet the requirements for environmental control, effective segregation of clean and dirty activities, unidirectional workflows and facility fixtures and finishes. All other requirements of this document apply to point of use reprocessing * A process map or flow diagram shall be developed and followed to ensure the risks for cross contamination, including airflows, are effectively managed in accordance with the risk assessment * Where reprocessing equipment lacks pass-through capability, effective segregation of clean and dirty activities shall be achieved through adherence to unidirectional workflows from dirty to clean activities. Segregation of the cleaning areas from the other reprocessing areas is integral in the redevelopment of a reprocessing facility to meet the requirements of this document. | Health service organisations should conduct a gap analysis using a risk-based approach for their reprocessing environment to determine what changes would be necessary to align with the new requirements.  Health service organisation should update or develop an asset management plan for future redevelopment or upgrade to their sterilisation service to working toward meeting the requirements of the new standard.  When a health service organisation commences occupation of a new build, the new facility must be compliant with the new standard and the [Australasian Health Facility Guidelines](https://healthfacilityguidelines.com.au/) (AusHFG).  Health service organisations should review and update their policies, procedures, or protocols on the reprocessing environment and facility design to ensure compliance with the new standard. Staff who are involved in those processes should be informed of the change.  Health service organisations should refer to the [Preventing and Controlling Infections Standard](https://www.safetyandquality.gov.au/standards/nsqhs-standards/preventing-and-controlling-infections-standard) of the [NSQHS Standards](https://www.safetyandquality.gov.au/standards/nsqhs-standards) for relevant actions related to environmental control and facility design. |
| RMD/other device cleaning sinks | Includes requirements on sink workstations that can provide sufficient bench space to facilitate a unidirectional workflow and minimise the risk of cross contamination. | Provides additional information on the requirements on RMDs and other devices cleaning sinks:   * Facilities to enable water or air flushing of a lumened RMD/other device shall be provided, including water flushing of a lumened RMD/other device, on the dirty side of the sink; and air flushing, on the clean side of the sink. | Health service organisations should review and update their policies, procedures, or protocols on the sink workstations by conducting gap analysis with a risk-based approach to ensure they are working toward meeting the new standard. Staff who are involved in those processes should be informed of any changes.  Health service organisations should refer to the [AusHFG](https://healthfacilityguidelines.com.au/) for cleaning sink requirements. |
| Hand hygiene | Includes requirements on sufficient hand hygiene facilities available and accessible in all work areas. | Provides additional information on the requirements on hand hygiene basins:   * Hand hygiene basins should not be located in clean work areas because such basins can be a source of contamination * Hand hygiene basins should be located in an anteroom or corridor accessible from the clean work areas and should be used prior to entry to the clean work areas and if hands become visibly soiled. | Health service organisations should conduct a gap analysis using a risk-based approach on their hand hygiene facilities to determine what changes are necessary to align with the new requirements on hand hygiene basins.  If hand hygiene basin is located in clean work areas, health service organisations should consider strategies for mitigating contamination risks from the basin, and opportunities for using alternative hand hygiene facilities. For example, placing [alcohol-based hand rubs](https://www.safetyandquality.gov.au/our-work/infection-prevention-and-control/national-hand-hygiene-initiative/what-hand-hygiene/alcohol-based-hand-rubs) in the clean work areas.  Health service organisation should update or develop an asset management plan for future redevelopment or upgrade to their sterilisation service to ensure that the health service organisation can meet these requirements of the new standard.  Health service organisations should refer to the [AusHFG, Part D](https://www.healthfacilityguidelines.com.au/part/part-d-infection-prevention-and-control-0) for hand hygiene requirements.  Health service organisations should refer to the [Preventing and Controlling Infections Standard](https://www.safetyandquality.gov.au/standards/nsqhs-standards/preventing-and-controlling-infections-standard) of the [NSQHS Standards](https://www.safetyandquality.gov.au/standards/nsqhs-standards) for relevant actions related to hand hygiene. |
| Ventilation | Requires health service organisations to ensure ventilation systems for reprocessing areas conform to AS 1668.2. | Emphasises on a risk-based approach in determining the design and operation of ventilation systems.  Includes additional information on ventilation systems for dirty, clean, and specified purpose areas (e.g. sterile storeroom). | Health service organisations should conduct a gap analysis using a risk-based approach on their ventilation requirements. For operating theatres and adjoining stores, health service organisations should work towards complying with AS1668.2 *The use of ventilation and airconditioning in buildings, Part 2: Mechanical ventilation in buildings*.  For other reprocessing and storage areas, health service organisations should conduct a gap analysis using a risk-based approach and consider the guidance in the Appendix A.5.6.15 *Ventilation* of AS 5369:2023 when determining changes to their ventilation system.  Health service organisations should update or develop an asset management plan for future redevelopment or upgrade to their sterilisation service to ensure that the health service organisation can meet the requirements of the new standard.  Health service organisations should refer to the [AusHFG](https://healthfacilityguidelines.com.au/) for guidance on ventilation system and the guidance on [*Optimising ventilation for infection prevention and control in healthcare settings*](https://www.safetyandquality.gov.au/our-work/infection-prevention-and-control/optimising-ventilation-infection-prevention-and-control-healthcare-settings). |
| Pre-treatment | Requires the initial pre-treatment of a used RMD to be performed at the point of use. | Adds information on single-use attachments and accessories to RMD/other devices:   * Before transport to the reprocessing area, single-use attachments and accessories should be removed at the point of use as part of the pre-treatment process * Single-use sharps, such as scalpel blades should be safely discarded. | Health service organisations should review and update their policies, procedures, or protocols on the pre-treatment processes of a used RMD/other device to ensure compliance with the new standard. Staff who are involved in those processes should be informed of any changes.  Health service organisations should include updated processes as part of induction training for new staff and keeping the relevant training records.  Health service organisations should refer to the [Clinical Governance Standard](https://www.safetyandquality.gov.au/standards/nsqhs-standards/clinical-governance/clinical-governance-standard) and the [Preventing and Controlling Infections Standard](https://www.safetyandquality.gov.au/standards/nsqhs-standards/preventing-and-controlling-infections-standard) of the [NSQHS Standards](https://www.safetyandquality.gov.au/standards/nsqhs-standards) for relevant actions that relate to staff training.  Health service organisations can refer to Section 4.3 *Education and training* of [the Guidelines](https://www.safetyandquality.gov.au/our-work/infection-prevention-and-control/australian-guidelines-prevention-and-control-infection-healthcare) for education strategies. |
| Non-heat-labile semi-critical RMD/other device | Requires a semi-critical RMD that cannot withstand moist heat or low temperature sterilisation to undergo thermal or chemical disinfection in accordance with a documented procedure. | Requires a semi-critical RMD that cannot withstand moist heat sterilisation to undergo low temperature sterilisation, thermal disinfection, or high-level disinfection process in accordance with a documented procedure. | Health service organisations should review and update their policies, procedures, or protocols to ensure any semi-critical RMD/other device that cannot withstand moist heat sterilisation undergo disinfection processes according to the new standard. Staff who are involved in those processes should be informed of the change. |
| Sterilisation process definition | No information on extended sterilisation cycle. | Provides additional guidance on the extended sterilisation cycle that has been validated for some RMDs and other devices for reprocessing before their supply. | Health service organisations should keep a register to identify and record any RMDs and other devices that require extended sterilisation cycle, and circumstances to use extended sterilisation cycle.  Health service organisations should review and update their policies, procedures, or protocols on the extended sterilisation cycle for RMD/other devices to ensure compliance with the new standard. Staff who are involved in those processes should be informed of any changes.  Health service organisations should include updated processes in induction training for relevant new staff and keeping the relevant training records.  Health service organisations should refer to the [Clinical Governance Standard](https://www.safetyandquality.gov.au/standards/nsqhs-standards/clinical-governance/clinical-governance-standard) and the [Preventing and Controlling Infections Standard](https://www.safetyandquality.gov.au/standards/nsqhs-standards/preventing-and-controlling-infections-standard) of the [NSQHS Standards](https://www.safetyandquality.gov.au/standards/nsqhs-standards) for relevant actions that relate to staff training.  Health service organisations can refer to Section 4.3 *Education and training* of [the Guidelines](https://www.safetyandquality.gov.au/our-work/infection-prevention-and-control/australian-guidelines-prevention-and-control-infection-healthcare) on education strategies. |
| Water quality | Sets the water quality requirements for pre-cleaning, cleaning, and rinse before the final rinse, and final rinse water used for reprocessing RMDs/other devices. | No change. | Health service organisations should consider the requirements of 7.2.3.1 *Water quality* of AS 5369:2023 and use a risk-based approach when conducing a gap analysis on their water quality for processing RMDs/other devices to determine what changes may be necessary.  Health service organisations should assess their local water conditions, reprocessing methods, types of RMDs/other devices being processed, and equipment replacement needs when deciding on the most suitable water treatment options.  Health service organisations should update or develop an asset management plan for future redevelopment or upgrade to their sterilisation service to ensure that the health service organisations can meet the requirements of the new standard. |
| Handling, transport, and storage of released reprocessed RMDs/other devices | Requires a reprocessed critical/semi-critical RMD to be handled, transported, and stored in a manner that prevents and minimises the risk of contamination. | Requires health service organisations to conduct a risk assessment and document the conditions for non-conformance of RMDs and other devices due to transport when RMDs and other devices are transported between sites. | Health service organisations should review and update their policies, procedures, or protocols on handling, transporting, and storing reprocessed critical/semi-critical RMDs and other devices to align with the recommendations as specified in Appendix A.9.5 *Handling, transport and storage of released reprocessed RMDs/other devices* ofAS 5369:2023. Staff who are involved in those processes should be informed of the change.  Health service organisations consider adding those processes as part of induction training for relevant new staff and keeping the relevant training records.  Health service organisations can refer to Section 3.1.4 *Reprocessing of reusable medical devices* andSection 4.3 *Education and training* of [the Guidelines](https://www.safetyandquality.gov.au/our-work/infection-prevention-and-control/australian-guidelines-prevention-and-control-infection-healthcare) on storage and maintenance and education strategies.  Health service organisations should refer to the [AusHFG](https://healthfacilityguidelines.com.au/) for guidance on stock storage. |

## More information

For more information on the NSQHS Standards, please visit: <https://www.safetyandquality.gov.au/standards/nsqhs-standards>

For further enquiries contact [AdviceCentre@safetyandquality.gov.au](mailto:AdviceCentre@safetyandquality.gov.au)

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