# Unit of Competency template

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| **Unit code** | HLTTHE001X |
| **Unit title** | Handle and care for operating theatre equipment |
| **Application** | This unit describes the skills and knowledge required to prepare theatre equipment, provide basic maintenance support, and contribute to effective use of equipment by providing basic instruction to others on equipment operation. This unit applies to operating theatre technicians and other theatre staff who work under supervision in the operating theatre.The skills in this unit must be applied in accordance with *current* Commonwealth and State/Territory legislation, Australian/New Zealand standards and industry codes of practice*.* |
| **Pre-requisite unit** | N/A |
| **Competency field** |  |
| **Unit sector** | Health |
| **Elements** | **Performance criteria** |
| 1. Select and prepare operating theatre equipment  | 1.1 Identify equipment and consumables requirements, based on consultation with operating theatre team, review of operating list and surgeon preferences1.2 Set up, correctly position, and check equipment and consumables in accordance with standard and additional infection control procedures1.3 Assemble, connect and test components in accordance with specific equipment requirements1.4 Re-position equipment during theatre procedures, as required by specific procedure1.5 Accurately document the use of theatre equipment as required1.6 Withdraw from use and replace equipment if considered not safe for use |
| 2. Support equipment maintenance  | 2.1 Identify and correct minor equipment problems within scope of own job role2.2 Refer equipment maintenance to a specialist as required by scope and nature of problem and organisation policy and procedures2.3 Maintain accurate maintenance log book as required 2.4 Schedule equipment for maintenance based on the needs of the operating theatre2.5 Maintain communication with relevant operating theatre staff in relation to equipment maintenance |
| 3. Disassemble and store operating theatre equipment  | 3.1 Follow shut-down procedures in accordance with manufacturer’s recommendations3.2 Assemble and disassemble equipment in accordance with manufacturer’s recommendations and manual task risk principles 3.3 Dispose of waste in accordance with infection control protocols and organisation policies and procedures3.4 Clean equipment using cleaning agent suited to the equipment and in accordance with organisation policy and procedures3.5 Safely store equipment in accordance with manufacturer’s recommendations and manual task risk principles |
| 4. Contribute to operating theatre operations | 4.1 Provide clear and correct instructions on equipment operation to individual members of the theatre team as required 4.2 Review equipment effectiveness from a theatre technician’s perspective and provide feedback to relevant personnel4.3 Participate as required in team evaluations of equipment being considered for potential purchase and share information from the theatre technician’s perspective |
| **Foundation skills***Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.* |
| **Range of conditions**N/A |
| **Unit mapping information** | No equivalent unit. |
| **Links** | ~~<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=ced1390f-48d9-4ab0-bd50-b015e5485705>~~  |
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# Assessment Requirements template

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| **Title** | Assessment Requirements for HLTTHE001X Handle and care for operating theatre equipment |
| **Performance evidence** | The candidate must show evidence of the ability to complete tasks outlined in elements and performance criteria of this unit, manage tasks and manage contingencies in the context of the job role. There must be evidence that the candidate has:* followed established technical, infection control and safety procedures and instructions for set-up, shut-down, cleaning and storage of operating theatre equipment on at least 3 occasions
* performed routine maintenance procedures on at least 3 different types of equipment
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| **Knowledge evidence** | The candidate must be able to demonstrate essential knowledge required to effectively complete tasks outlined in elements and performance criteria of this unit, manage tasks and manage contingencies in the context of the work role. This includes knowledge of:* scope of operating theatre technician role in working with equipment, including limitations
* medico-legal implications in relation to the use of equipment by the technician in the operating suite environment
* standard and additional infection control procedures that apply to:
* the operating theatre environment
* equipment within the operating theatre
* types of theatre equipment and their purpose, including:
* theatre fixtures and fittings
* furniture
* surgical equipment
* consumables and their sustainable use
* features of operating theatre equipment in relation to:
* set up
* assembly and connection
* preparation for use
* safe manual handling and risk factors for manual tasks
* intra-operative client safety considerations concerning the location and movement of equipment
* routine equipment maintenance procedures, including:
* checking
* calibration
* cleaning
* replacement of consumables
* scheduled maintenance
* types of problems that occur with operating theatre equipment and when specialist maintenance is required
* procedures for organising specialist maintenance
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| **Assessment conditions** | Skills must have been demonstrated in the workplace or in a simulated environment that reflects workplace conditions. The following conditions must be met for this unit: * use of suitable facilities, equipment and resources, including:
* a fully equipped operating theatre
* documented procedures for the candidate to follow
* modelling of industry operating conditions, including presence of situations requiring problem solving

~~Assessors must satisfy the Standards for Registered Training Organisations (RTOs) 2015/AQTF mandatory competency requirements for assessors~~ |
| **Links** | ~~<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=ced1390f-48d9-4ab0-bd50-b015e5485705>~~  |