Australasian Health Facility Guidelines
Room Data Sheet

Staff Station - Emergency, Control Hub

Room Code	SSTN-E
Briefed Area	14.00 m²
Ceiling Height	2.7 m
Occupancy	3 staff, with 1-2 additional staff intermittently
Hours of Operation	24 hours

Description

The Staff Station - Emergency, Control Hub provides the space and facilities for a central operational and administrative base of an Emergency Department. It supports the coordination of patient care, patient flow, and ambulance arrivals as well as overseeing central monitoring, security feeds and ambulance phone. These functions may be distributed across the unit depending on operational models, staffing profile, size and complexity of service, etc.

Electrical
- PROTECTION: body protected ☐
- PROTECTION: cardiac protected ☐

Lighting
- LIGHTING: general ☑
- LIGHTING: colour corrected ☐
- LIGHTING: dimmable ☐
- LIGHTING: indirect ☐

Nurse Call and Duress
- NURSE CALL SYSTEM: buttons / handset ☐
- NURSE CALL SYSTEM: annunciator ☐
- DURESS: fixed ☑
- DURESS: wireless coverage ☑

Security
- ACCESS CONTROL: to door ☐
- ACCESS CONTROL: to item / joinery ☐
- INTERCOM: service communications ☐
- INTERCOM: security and access control ☐
- CCTV: camera coverage within room ☐
- INTRUSION DETECTION: door monitoring ☐
- INTRUSION DETECTION: spatial monitoring ☐

ICT and Audio Visual
- AUDIO VISUAL: patient entertainment system ☐
- AUDIO VISUAL: visitor experience system ☐
- AUDIO VISUAL: virtual collaboration system ☐
- AUDIO VISUAL: clinical support system ☑
- AUDIO VISUAL: digital operating room system ☐

Accessibility
- AUDIO: hearing augmentation ☐
- VISUAL: luminance contrast ☑
- SIGNAGE: accessible, statuatory ☐

HVAC
- AIRCONDITIONING: general ☑
- AIRCONDITIONING: HEPA filtered ☐
- AIRCONDITIONING: positive pressure ☐
- AIRCONDITIONING: negative pressure ☐
- VENTILATION: exhaust ☐
- VENTILATION: supply ☐
- VENTILATION: natural ☐

Medical Gas
- MEDICAL GAS: general anaesthesia ☐
- MEDICAL GAS: special care ☐
- MEDICAL GAS: special care, neonatal ventilation ☐
- MEDICAL GAS: birthing ☐

Hydraulic
- WATER: drinking ☐
- WATER: specialty ☐
- DRAINAGE: sanitary ☐
- DRAINAGE: specialty ☐

Fire
- DETECTION: smoke ☑
- DETECTION: heat ☐

Shielding
- SHIELDING: ionising radiation ☐
- SHIELDING: magentic and radio frequency ☐

Acoustics

SPEECH PRIVACY:

not private ···· moderate ···· ▼private ···· confidential

NOISE SENSITIVITY:

not sensitive ···· medium ▼sensitive ···· sensitive

NOISE GENERATION:

low ···· ▼moderate ···· high ···· very high

Additional Considerations

● This Standard Component indicates 3 x workstations (providing a base for 1 x doctor-in-charge, 1 x nurse-in-charge and 1 x clerk), with an additional area for central monitoring. The number of workstations required will vary depending on operational models, staffing models and size and complexity of service.

● One computer workstation has been shown as a downtime workstation with provision of UPS power. Requirements for and location of downtime facilities will need to be confirmed to meet clinical service requirements, operational models for downtime, and local ICT policies. Provision of downtime computers will need to be rationalised across the unit to avoid unnecessary duplication.

● The Staff Station - Emergency, Control Hub may be enclosed (e.g. with security glazing and lockable doors) or other physical design/planning solutions may be considered (e.g. increased counter depth, egress to secure area) for staff safety and security. Requirements are to be determined at project level based on a risk assessment. If provided, security glazing configuration (size of communication slot, size of pass-through aperture for samples/paperwork, etc.) is to be determined at project level to suit clinical service requirements and operational models. Provision of a Hearing Loop and associated items (microphones, signage, etc.) may also be required to suit the configuration of the counter and security glazing.

● The quantity and type of display screens required to oversee and control the flow of patients throughout the Emergency Department (including ambulance arrivals, emergency patient flow and security feeds) are to be confirmed at project level to suit clinical service requirements and operational models.

● If overall department planning results in rooms being accessed from behind the Staff Station, additional area for appropriate door circulation clearances will be required.

● Mobile duress coverage is to be assessed and planned at a department level and coverage of all patient bays is to suit local security and work health and safety (WHS) policies and operational service requirements.

● A wall clock should be visible from all clinical areas. The location and type of clocks provided, including any required connection to a master clock system, is to be determined at a project level.

● Acoustic treatments may be considered to assist with noise transfer from adjacent spaces. All materials must meet local infection prevention and control (IPC) policies.

● Provision of height adjustable workstations or fixed joinery is to be in line with service requirements and local WHS policies.

● Placement and visibility of nurse annunciators in adjacent corridors must be considered and coordinated with other ceiling elements such as bulkheads.

● The type, extent and configuration of storage within the room for stationery and consumables will be dependent on service requirements and operational models. This includes considering the facility's use of electronic medical records (EMR) as well as remaining paper forms.

● Size, type and quantity of waste bins will be dependent on clinical service requirements, operational models for waste management and local infection prevention and control (IPC) policies.

● The requirement for Body Protection under AS/NZS 3003 is to be determined at project level depending on the proximity of the counter to adjacent patient areas.

● Provision of emergency/standby power or uninterruptible power supply (UPS) is to be confirmed to suit site and service requirements. Confirmation to be based on risk assessment considering the impact of a power outage on patient care/safety.

● Wall mounted fire services items may be included in the Staff Station or provided nearby in a conspicuous and readily accessible position including a mimic panel, warden intercom phone, manual call point, break glass alarm, portable fire extinguisher and fire blanket. A ceiling mounted visual alarm device may also be provided in the Staff Station or in an adjacent corridor. Inclusion of these items in the Staff Station will be dependent on the overall department layout. Location, mounting heights and clearances to meet AS1670.1 and AS2444.

● Provision of cleaner's power outlets is to be rationalised across the department and spaced in accordance with AS/NZS 3003.

Finishes

CODE	DESCRIPTION	COMMENT
FLVY-101	FLOOR FINISH: vinyl, seamless, standard slip resistance	
FLSK-021	SKIRTING: vinyl, integral with floor vinyl, coved	
WLFI-002	WALL FINISH: paint, clinical areas	
CLTI-022.02	CEILING: drop-in tiles, acoustic, prefinished, 600 x 1200	
CLCN-011	CORNICE: shadow angle, prefinished	
WLPR-006.01	WALL PROTECTION: corner guards, to 900 AFFL	to be coordinated with adjacent wall protection

Joinery

CODE	DESCRIPTION	GROUP	QTY	COMMENT
FIBM-021	WHITEBOARD: fixed, magnetic, integral to joinery	1	1	
JOBE-251	CAP: cable access	1	4	
JORS-021	JOINERY UNIT: staff station	1	1	

CODE	DESCRIPTION	GROUP	QTY	COMMENT
JORS-071	SECURITY GLAZING: to staff station	1	3	optional; provision to be determined at project level based on risk assessment; may include communication slots and pass through apertures; final configuration to be confirmed at project level to suit clinical service requirements and operational models.

Fittings, Furniture and Equipment (FF&E)

CODE	DESCRIPTION	GROUP	QTY	COMMENT
FIHR-331	BRACKET: television/AV system display screen, single, fixed, wall mounted	2	1	optional; provide if display screen for ambulance arrivals information is provided
FIHR-331	BRACKET: television/AV system display screen, single, fixed, wall mounted	2	1	optional; provide if display screen for patient flow information is provided
FIHR-333	BRACKET: television/AV system display screen, single, fixed, ceiling mounted	2	1	to security CCTV display screen
FQBS-171	CHAIR: office, ergonomic	3	3	
FQSM-061	PEDESTAL: mobile, 660H nominal, 2 equal drawers and 1 file drawer	3	2	
FQWS-053	BIN: general waste, 50L	3	1	
FQWS-212	BIN: confidential document, secure, 30L	3	1	
ITBU-470	CLOCK: digital display, electric, synchronised slave, wired internet protocol (IP), wall mounted	1	1	type of clock and connection to the master clock system is to be confirmed at a project level based on clinical service requirements
ITCL-331	DISPLAY SCREEN: patient flow system	1	1	optional; for emergency department patient flow information; provision dependent on operational models and clinical service requirements
ITCL-331	DISPLAY SCREEN: patient flow system	1	1	optional; for ambulance arrivals information; provision dependent on operational models and clinical service requirements
ITNE-071	TELEPHONE: handset, desktop	3	3	1 to each workstation
ITNE-076	TELEPHONE: handset, wall mounted	2	1	ambulance phone
ITNE-102	COMPUTER: dual display screens, central processing unit (CPU), keyboard and mouse, desktop	3	3	
ITNE-302	MULTIFUNCTION DEVICE: printer/copier/scanner/fax, floor standing	3	1	
ITNE-316	PRINTER: labels, small, desktop	3	2	
ITSE-111	DISPLAY SCREEN: security, CCTV monitoring	3	1	type and size of screen to be confirmed to suit security requirements
MMPM-092	MONITOR: central patient monitoring station, dual display screens	3	1	quantity and size of display screens to suit patient monitoring requirements

Engineering Services

CODE	DESCRIPTION	GROUP	QTY	COMMENT
ELGP-136	GPO: single, emergency power, ceiling mounted	1	1	to security CCTV display screen
ELGP-211	GPO: double, joinery mounted	1	2	to label printers
ELGP-211	GPO: double, joinery mounted	1	3	1 to each workstation; over bench for portable device charging
ELGP-231	GPO: double, emergency power, wall mounted	1	1	to multi-function device
ELGP-231	GPO: double, emergency power, wall mounted	1	1	optional; provide if display screen for ambulance arrivals information is provided

CODE	DESCRIPTION	GROUP	QTY	COMMENT
ELGP-231	GPO: double, emergency power, wall mounted	1	1	optional; provide if display screen for patient flow information is provided
ELGP-241	GPO: double, emergency power, joinery mounted	1	1	2 to each workstation (except downtime workstation), 2 to central patient monitoring station
ELGP-271	GPO: double, UPS, joinery mounted	1	2	to downtime computer workstation
ELSW-001	SWITCH: light	1	2	to task lighting
ELSW-011	SWITCH PLATE: light, multi-gang	1	1	optional; may be provided for control of general lighting in nearby areas; provision dependent on overall department layout
ITIN-016	OUTLET: data, single RJ45, wall mounted	1	1	to ambulance phone
ITIN-016	OUTLET: data, single RJ45, wall mounted	1	1	to clock; an additional power outlet may be required if power over ethernet (PoE) is not supported by the clock hardware
ITIN-021	OUTLET: data, double RJ45, ceiling mounted	1	1	to security CCTV display screen
ITIN-026	OUTLET: data, double RJ45, wall mounted	1	1	optional; provide if display screen for patient flow information is provided
ITIN-026	OUTLET: data, double RJ45, wall mounted	1	1	optional; provide if display screen for ambulance arrivals information is provided
ITIN-026	OUTLET: data, double RJ45, wall mounted	1	1	to multi-function device
ITIN-036	OUTLET: data, triple RJ45, wall mounted	1	4	1 to each workstation, 1 to central patient monitoring station
ITSE-063	BUTTON: security, duress, fixed, under bench mounted	1	2	
LIFX-108	LIGHT: task, integral to joinery	1	4	1 to each workstation, 1 to central patient monitoring station