



## Laboratory - Dental, Minor

|                    |                      |
|--------------------|----------------------|
| Room Code          | LAB-DEN-MIN          |
| Briefed Area       | 12.00 m <sup>2</sup> |
| Ceiling Height     | 2.7 m                |
| Occupancy          | 1-2 staff            |
| Hours of Operation | 8am to 6pm, daily    |

**Description** | The Laboratory - Dental, Minor provides the space and facilities for dental clinicians and technicians to undertake minor adjustments to dentures and other dental prostheses, store prosthetic supplies, and hold patient devices, prostheses and impressions for dispatch to or receipt from central manufacturing services.

|                              |                                             |                                     |                    |                                                             |                                     |
|------------------------------|---------------------------------------------|-------------------------------------|--------------------|-------------------------------------------------------------|-------------------------------------|
| <b>Electrical</b>            | PROTECTION: body protected                  | <input type="checkbox"/>            | <b>HVAC</b>        | AIRCONDITIONING: general                                    | <input checked="" type="checkbox"/> |
|                              | PROTECTION: cardiac protected               | <input type="checkbox"/>            |                    | AIRCONDITIONING: HEPA filtered                              | <input type="checkbox"/>            |
| <b>Lighting</b>              | LIGHTING: general                           | <input checked="" type="checkbox"/> |                    | AIRCONDITIONING: positive pressure                          | <input type="checkbox"/>            |
|                              | LIGHTING: colour corrected                  | <input type="checkbox"/>            |                    | AIRCONDITIONING: negative pressure                          | <input type="checkbox"/>            |
|                              | LIGHTING: dimmable                          | <input type="checkbox"/>            |                    | VENTILATION: exhaust                                        | <input checked="" type="checkbox"/> |
|                              | LIGHTING: indirect                          | <input type="checkbox"/>            |                    | VENTILATION: supply                                         | <input type="checkbox"/>            |
| <b>Nurse Call and Duress</b> | NURSE CALL SYSTEM: buttons / handset        | <input type="checkbox"/>            | <b>Medical Gas</b> | VENTILATION: natural                                        | <input type="checkbox"/>            |
|                              | NURSE CALL SYSTEM: annunciator              | <input type="checkbox"/>            |                    | MEDICAL GAS: general anaesthesia                            | <input type="checkbox"/>            |
|                              | DURESS: fixed                               | <input type="checkbox"/>            |                    | MEDICAL GAS: special care                                   | <input type="checkbox"/>            |
|                              | DURESS: wireless coverage                   | <input type="checkbox"/>            |                    | MEDICAL GAS: special care, neonatal ventilation             | <input type="checkbox"/>            |
| <b>Security</b>              | ACCESS CONTROL: to door                     | <input type="checkbox"/>            | <b>Hydraulic</b>   | MEDICAL GAS: birthing                                       | <input type="checkbox"/>            |
|                              | ACCESS CONTROL: to item / joinery           | <input type="checkbox"/>            |                    | WATER: drinking                                             | <input type="checkbox"/>            |
|                              | INTERCOM: service communications            | <input type="checkbox"/>            |                    | WATER: specialty                                            | <input type="checkbox"/>            |
|                              | INTERCOM: security and access control       | <input type="checkbox"/>            |                    | DRAINAGE: sanitary                                          | <input type="checkbox"/>            |
|                              | CCTV: camera coverage within room           | <input type="checkbox"/>            | <b>Fire</b>        | DRAINAGE: specialty                                         | <input type="checkbox"/>            |
|                              | INTRUSION DETECTION: door monitoring        | <input type="checkbox"/>            |                    | DETECTION: smoke                                            | <input type="checkbox"/>            |
| <b>ICT and Audio Visual</b>  | INTRUSION DETECTION: spatial monitoring     | <input type="checkbox"/>            | <b>Shielding</b>   | DETECTION: heat                                             | <input type="checkbox"/>            |
|                              | AUDIO VISUAL: patient entertainment system  | <input type="checkbox"/>            |                    | SHIELDING: ionising radiation                               | <input type="checkbox"/>            |
|                              | AUDIO VISUAL: visitor experience system     | <input type="checkbox"/>            | <b>Acoustics</b>   | SHIELDING: magnetic and radio frequency                     | <input type="checkbox"/>            |
|                              | AUDIO VISUAL: virtual collaboration system  | <input type="checkbox"/>            |                    | SPEECH PRIVACY:                                             |                                     |
|                              | AUDIO VISUAL: clinical support system       | <input type="checkbox"/>            |                    | not private ..... moderate ..... private ..... confidential |                                     |
| <b>Accessibility</b>         | AUDIO VISUAL: digital operating room system | <input type="checkbox"/>            |                    | NOISE SENSITIVITY:                                          |                                     |
|                              | AUDIO: hearing augmentation                 | <input type="checkbox"/>            |                    | not sensitive ..... low ..... medium ..... high             |                                     |
|                              | VISUAL: luminance contrast                  | <input type="checkbox"/>            |                    | NOISE GENERATION:                                           |                                     |
|                              | SIGNAGE: accessible, statutory              | <input type="checkbox"/>            |                    | low ..... moderate ..... high ..... very high               |                                     |

### Additional Considerations

#### Planning Context

- The service model and operational requirements should inform the extent of dental laboratory activities undertaken within the room, including the provision of off-site central manufacturing services and requirements for on-site manufacturing, mould preparation, dispatch and receiving, adjustments and repairs.

#### Furniture, Fixtures and Equipment (FF&E) Selection

- Dust-generating activities and equipment should be identified during planning. Provide dust extraction at the source, noting that extraction may be integral to some equipment.
- Where a Bunsen burner is required, provide a suitable gas supply. Review the location and clearance of overhead joinery in relation to the burner and associated equipment.

#### Information and Communication Technology (ICT)

- Consider the provision of a workstation with computer and barcode scanner where digital tracking and record management are required within the room.

#### Security

- Where there is potential for unauthorised access to staff-only areas, consider access control and staff safety requirements, including swipe card access and/or a fixed duress button.

#### Waste Management

- Size, type and quantity of waste bins provided within the room, including sharps bins, will be dependent on services requirements, operational models for waste management (including separation of waste streams and frequency of waste removal) and local infection prevention and control (IPC) policies.



## Doors and Windows

| CODE         | DESCRIPTION                                                           | COMMENT                                                                                                                      |
|--------------|-----------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| DOHI-013.01  | DOOR: hinged, 1 leaf, 900 clear opening, solid, standard vision panel |                                                                                                                              |
| AFDPR-006.01 | DOOR PROTECTION: plate, to 900H                                       | to room side                                                                                                                 |
| AFDPR-006.01 | DOOR PROTECTION: plate, to 900H                                       | to corridor side, extent dependent on movement of beds and mobile equipment in adjacent area                                 |
| AFDPR-056.01 | DOOR FRAME PROTECTION: full wrap, to 900H                             | optional, provision and extent dependent on frame material/finish and movement of beds and mobile equipment in adjacent area |



## Finishes

| CODE        | DESCRIPTION                                       | COMMENT  |
|-------------|---------------------------------------------------|----------|
| FLVY-112    | FLOOR FINISH: vinyl, seamless, non-slip, safety   |          |
| FLSK-021    | SKIRTING: vinyl, integral with floor vinyl, coved |          |
| WLFI-002    | WALL FINISH: paint, clinical areas                |          |
| WLFI-101    | SPLASHBACK: vinyl                                 | to basin |
| CLTI-021.02 | CEILING: drop-in tiles, prefinished, 600 x 1200   |          |
| CLCN-041    | CORNICE: wall trim fixing, prefinished            |          |



## Joinery

| CODE     | DESCRIPTION                                                    | GROUP | QTY | COMMENT |
|----------|----------------------------------------------------------------|-------|-----|---------|
| JOBE-033 | BENCH: 600D, stainless steel lipped                            | 1     | 3   |         |
| JOBE-231 | BENCH SUPPORT: legs and frame, stainless steel                 | 1     | 1   |         |
| JOBE-232 | BENCH SUPPORT: legs and frame, stainless steel, with low shelf | 1     | 2   |         |
| JOCU-001 | CUPBOARD: tall, single door                                    | 1     | 1   |         |
| JOCU-221 | CUPBOARD: under bench, double door                             | 1     | 1   |         |
| JOGE-001 | BULKHEAD: joinery                                              | 1     | 3   |         |
| JOSH-101 | SHELF UNIT: wall mounted, adjustable shelves                   | 1     | 5   |         |



## Fittings, Furniture and Equipment (FF&E)

| CODE     | DESCRIPTION                                                                                 | GROUP | QTY | COMMENT |
|----------|---------------------------------------------------------------------------------------------|-------|-----|---------|
| FIDI-106 | DISPENSER: PPE, disposable gloves, wall mounted                                             | 2     | 1   |         |
| FIDI-231 | DISPENSER: paper towel, wall mounted                                                        | 2     | 1   |         |
| FIDI-256 | DISPENSER: soap, wall mounted                                                               | 2     | 1   |         |
| FQBS-203 | STOOL: clinical areas, mobile, high                                                         | 3     | 1   |         |
| FQWS-051 | BIN: general waste, 20L                                                                     | 3     | 1   |         |
| HYBA-121 | BASIN: type B, handwashing                                                                  | 1     | 1   |         |
| HYBA-301 | SINK: single bowl                                                                           | 1     | 1   |         |
| HYTP-067 | TAPWARE: basin, tap set, wall mounted, lever handles                                        | 1     | 1   |         |
| HYTP-182 | TAPWARE: sink, tap set, wall mounted, lever handles                                         | 1     | 1   |         |
| ITNE-076 | TELEPHONE: handset, wall mounted                                                            | 2     | 1   |         |
| ITNE-101 | COMPUTER: single display screen, central processing unit (CPU), keyboard and mouse, desktop | 3     | 1   |         |
| ITNE-221 | INPUT DEVICE: bar code scanner                                                              | 3     | 1   |         |
| MMDN-161 | DEVICE: dental, micromotor, benchtop                                                        | 3     | 1   |         |
| MMDN-162 | DEVICE: dental, model trimmer, benchtop                                                     | 3     | 1   |         |
| MMDN-163 | DEVICE: dental, lathe, benchtop                                                             | 3     | 1   |         |
| MMDN-164 | DEVICE: dental, moulder, forming machine, benchtop                                          | 3     | 1   |         |
| MMDN-165 | DEVICE: dental, mixing vibrator                                                             | 3     | 1   |         |
| MMDN-171 | DEVICE: dental, dust extraction unit                                                        | 3     | 1   |         |



## Engineering Services

| CODE        | DESCRIPTION                             | GROUP | QTY | COMMENT               |
|-------------|-----------------------------------------|-------|-----|-----------------------|
| ELGP-101.01 | GPO: single, wall mounted, horizontal   | 1     | 1   |                       |
| ELGP-201.01 | GPO: double, wall mounted, horizontal   | 1     | 7   |                       |
| ELSW-001    | SWITCH: light                           | 1     | 3   |                       |
| HYDR-021    | DRAIN: floor waste, round               | 1     | 1   |                       |
| HYDR-151    | TRAP: plaster                           | 1     | 1   |                       |
| HYTP-431    | OUTLET: water, cold                     | 1     | 2   | 1 to sink, 1 to basin |
| HYTP-432    | OUTLET: water, hot                      | 1     | 1   | to sink               |
| HYTP-433    | OUTLET: water, warm                     | 1     | 1   | to basin              |
| ITIN-016    | OUTLET: data, single RJ45, wall mounted | 1     | 1   |                       |
| ITIN-026    | OUTLET: data, double RJ45, wall mounted | 1     | 1   |                       |
| LIFX-108    | LIGHT: task, integral to joinery        | 1     | 4   |                       |
| MGAS-153    | OUTLET: compressed air, wall mounted    | 1     | 1   |                       |

For guidance on how to use the Room Data Sheet, please visit the [AushFG website](#).