



FACILITY DESIGN QUALIFICATION

(_____ BLOCK)

Annexure No.:

Reference Protocol No.:

Page: 1 of 3

Area Name:

Area Code:

Department Name:

Pre-Approval

| | | | | | |
|---------------------------------|--------------------------------|---------------------|----------------------------------|-----------------------------------|-------------------------|
| Prepared by: User Department | Checked by: User Dept. Head | Reviewed by: EHS | Reviewed by: Engineering Head | Reviewed by: Quality Assurance | Approved by: QA Head |
| Sign. & Date: | Sign. & Date: | Sign. & Date: | Sign. & Date: | Sign. & Date: | Sign. & Date: |

1.0 Design Parameters:

| Category | S. No | Particulars | Acceptance Criteria (Based on FDS or Technical Discussion) | Observation | |
|-------------------------|---------------------------|--------------------------------|--|-------------|--|
| Room Description | 1 | Project | | | |
| | 2 | Room Number | | | |
| | 3 | Room Location | | | |
| | 4 | Name/purpose of the room | | | |
| | 5 | Dimension (m) (L x W x H) | | | |
| | 6 | Area (m ²) | | | |
| | 7 | Volume (m ³) | | | |
| | 8 | Manpower Occupancy (Nos.) | | | |
| Finishes and MOC | 9 | MOC of Wall (Panel/ Brick) | | | |
| | 10 | MOC of Flooring | | | |
| | 11 | Epoxy Coating | | | |
| | 12 | Corners & Joints Finish | Tiles to tiles | | |
| | | | Floor to wall | | |
| | | | Wall to wall | | |
| | | | Ceiling to wall | | |
| | 13 | Wall Treatment / Painting | | | |
| | 14 | MOC of Ceiling | | | |
| | 15 | Walkable/ Non Walkable Ceiling | | | |
| | 16 | Cracks & Crevices | On Wall | | |
| | | | On ceiling | | |
| | | | On floor | | |
| | 17 | Door Details | | | |
| Doors | | M.O.C. | | | |
| | | Dimension (mm) | | | |
| | | Opening side | | | |
| | | Inter lock | | | |
| | Flushed with wall | | | | |
| 18 | View Panel Details | | | | |
| | View Panel | Nos | | | |
| | | Dimension | | | |
| | | Inert gas | | | |
| Flushed with wall | | | | | |
| Drainage (Type) | 19 | Drain Points | | | |
| | 20 | Sinks | | | |
| Electrical | 21 | Power outlets: 3Phase /1Phase | | | |
| | | UPS / Auto trip | | | |
| | 22 | Lighting Level (Lux) | | | |
| | 23 | Tube light/ Lamp | Numbers | | |
| | | | Sizes (mm) | | |
| Flame proof | | | | | |
| Flushed with ceiling | | | | | |
| 24 | Sodium Vapour Lamp | | | | |
| Communication | 25 | Telephone | | | |
| | 26 | Data Link/ cable | | | |
| | 27 | Digital/ Analog Clock | | | |



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|----------------------|------------------------|------------------------------------|--|-------------|--|
| Safety | 28 | Public Address System (Speakers) | | | |
| | 29 | Alarm | | | |
| | 30 | Fire Extinguishers | | | |
| | 31 | Noise & Vibrations | | | |
| | 32 | Smoke Detector | | | |
| Utilities | 33 | Manual Call Point | | | |
| | 34 | Potable water supply | | | |
| | 35 | Purified water supply | | | |
| | 36 | Water for Injection supply | | | |
| | 37 | Chilled water supply | | | |
| | 38 | | Boiler Steam supply | | |
| | | | Pure Steam supply | | |
| | 39 | Compressed air supply | | | |
| | 40 | Nitrogen gas supply | | | |
| | 41 | Vaccum supply | | | |
| | 42 | Exhaust/Dust Extraction | | | |
| 43 | Steam Condensate/ Trap | | | | |
| Environment | 44 | Standard Followed | | | |
| | 45 | Class of Room | | | |
| | 46 | Temperature | | | |
| | 47 | Relative Humidity | | | |
| Air Supply | 48 | Air Changes per hour (ACPH) | | | |
| | 49 | Forced/Natural | | | |
| | 50 | Pressure Gradient (Pascal) | | | |
| | 51 | Pressure difference (Pascal) w.r.t | a. Corridor | | |
| | | | b. Adjacent Area | | |
| | | | c. Wash Area | | |
| | | | d. Change room | | |
| | 52 | Filtration system | Pre filters (10 μ) TFA | | |
| | | | Micro Vee Filter (3 μ) | | |
| | | | HEPA Filter | | |
| | | | HEPA Sizes | | |
| | | | Type of system | | |
| Recirculation (%) | | | | | |
| 53 | Supply air cutouts | Numbers | | | |
| | | Sizes | | | |
| 54 | Return air cutouts | Numbers | | | |
| | | Sizes | | | |
| | | Low Rise/ Ceiling mounted | | | |
| Access | 55 | Man entry through | | | |
| | 56 | Material entry through | | | |
| | 57 | Emergency exit | | | |
| | 58 | Clothing | | | |
| Equipments | 59 | Equipments to be installed | | | |
| Furniture and | 60 | Details (if any) | | | |



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|---------------|-------|-------------|--|-------------|
| Miscellaneous | | | | |

2.0 Abbreviations:

AA= Anodised Aluminium db= Decibel GI= Galvanised Iron
MOC= Material of construction M= Meter NMT= Not more than
P= Phases RCC= Reinforced Cement Concrete CFM= Cubic foot per minute;
HEPA= High Efficiency Particulate Air Pa= Pascal; G= Grade

3.0 Recommendations/ Conclusion:

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4.0 Post Approval:

| | | | | |
|---------------------------------------|-----------------------------------|---|--|--------------------------------|
| Checked by: User Department | Checked by: Engineering | Checked by: Health, Safety and Environment | Reviewed by: Quality Assurance | Approved by: QA Head |
| Date: | Date: | Date: | Date: | Date: |