

Precautions for the Construction of Communication Equipment Rooms



Overview

Construction must conform to government standards, regulations, and other requirements. The equipment room should be located in a place free from high temperature, dust, toxic gases, explosive materials, or unstable voltage. This section includes the specifications for constructing and building out of Telecommunications Equipment Rooms (MDF/IDFs) to be used for supporting telecommunications and other special systems. The checklist that follows (pp. 3 – 9) can be used for quality control of: 1. Telecom Room (TR) design during the Design Review phase 2. Adherence to this document should ensure potential problems are minimised and handovers completed in a straightforward and timely. The telecommunication spaces include the Entrance Telecommunication Room (ETR) and the Telecommunication Room (TR). Also consider hydrographic, geological, seismic, power supply, and transportation factors.



Article Content

Telecom Room Design and Construction Checklists

Each equipment rack shall have two dedicated 20A circuits, one normal and one emergency power. Larger circuits may be required for specialized equipment. Lights and convenience outlets (at

Section 271100

Entrance Telecommunications Room (ETR): An enclosed architectural space for housing telecommunications equipment, cable terminations, and cross-connect cabling. This room is where

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

