Sandia National Laboratories

Facilities Management and Operations Center FMOC

Design Standards Manual

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Acronyms, Abbreviations, and Key Terms

AASHTO	American Association of State Highway and Transportation Officials
A/E	Architect/Engineer
AFFF	Aqueous Film Forming Foam
ALARA	As Low As Reasonably Achievable (radiation exposure limits)
AMAFCA	Albuquerque Metropolitan Arroyo Flood Control Authority
ANSI	American National Standards Institute
AOR	Architect of Record
ASCE	American Society of Civil Engineers
ASCII	American Standard Code for Information Interchange
ASHRAE	American Society of Heating, Refrigeration, and Air Conditioning
ASME	American Society of Mechanical Engineers
AWWA	American Water Works Association
BFP	Back Flow Prevention
CADD	Computer-Aided Drafting and Design
CAS	Central Alarm System
CDR	Conceptual Design Report
CF	Compact Fluorescent
CFR	Code of Federal Regulations
CME	Construction Management Engineer
CPT	control power transformer
CPU	Central Processing Unit
CRD	Contractor Requirements Document
CRI	Color Rendition Index
CSI	Construction Specifications Institute
CT	Current Transformer
DACR	Digital Alarm Communicator Receiver
DACT	Digital Alarm Communicator Transmitter
dB	Decibels
DBFL	Design Basis Flood
DDC	Direct Digital Control
DGP	Data Gathering Panel
DOE	Department of Energy
DOE/SSO	DOE/Sandia Site Office
DPM	City of Albuquerque's Development Process Manual
DSA	Documented Safety Analysis
EGL	Energy Grade Line
EIFS	Exterior Insulation Finish System
EOR	Engineer of Record
EPA	Environmental Protection Agency
ES&H	Environment, Safety, and Health
ESP	Engineering Standards Program
FACP	Fire Alarm Control Panel
FAIT	Facilities Asbestos Implementation Team
FCC	Facilities Control Center

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FCS	Facilities Control System	
FDPQARF	FMOC Design Package Quality Assurance Review Form	
FEMP	Federal Energy Management Program	
FID	Field Interface Device	
FM	Factory Mutual Global	
FMOC	Facilities Management and Operations Center	
FSE	Facility System Engineer	
GFCI	Ground Fault Circuit Interrupter	
GPP	General Plant Project	
HCC	Headquarters Communications Center	
HEPA	High Efficiency Particulate Air	
HGL	Hydraulic Grade Line	
HOA	Hand-Off-Auto	
HPS	High-Pressure Sodium	
HVAC	Heating, Ventilating, and Air Conditioning	
IA	Intrusion Alarm	
IBC	International Building Code	
IBR	Institute of Boiler and Radiation Manufacturers (now the Hydronics Institute)	
ICC	International Code Council	
IDC	Initiating Device Circuit	
IDR	Intermediate Distribution Room	
IEEE	Institute of Electrical and Electronics Engineers	
IESNA	Illuminating Engineering Society of North America	
IFC	International Fire Code	
IMC	International Mechanical Code	
IPC	International Plumbing Code	
IRI	Industrial Risk Insurers	
KAFB	Kirtland Air Force Base	
LCC	Life Cycle Cost	
LED	Light Emitting Diode	
LEED	Leadership in Energy and Environmental Design	
LEV	Local Exhaust Ventilation	
LOTO	Lockout/Tagout	
MCC	Motor Control Center	
MCU	Multiplexer Control Unit	
MHID	Metal Halide	
MPFL	Maximum Possible Fire Loss	
NAC	Notification Appliance Circuit	
NEC	National Electrical Code	
NEMA	National Electrical Manufacturers Association	
NETA	International Electrical Testing Association	
NFPA	National Fire Protection Association	
NICET	National Institute for Certification in Engineering Technologies	
NIST	National Institute of Standards and Technology	

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NNSA National Nuclear Security Agency
NOAA National Oceanic and Atmospheric Administration
NPDES National Pollution Discharge Emissions System
NPW Non-Potable Water
NRCA National Roofing Contractors Association
ODP Open, Drip-Proof
PM Preventive Maintenance
PIV Post Indicator Valve
PRV Pressure Reducing Valve
psig Pounds per Square Inch Gauge
PT Potential Transformer
QA Quality Assurance
RFI request for information
RFQ Request for Quotation
RPBFP Reduced Pressure Backflow Prevention
Sandia/NM Sandia National Laboratories/New Mexico
SAS Secondary Alarm System
SCIF Sensitive Compartmented Information Facility
SDR Sandia Delegated Representative
SFM Sandia Furnished Material
SLC Signal Line Circuit
SMACNA Sheet Metal and Air Conditioning Contractors National Association
SRN Sandia/NM Restricted Network
SSC Structures, Systems, and Components
SSOV Safety Shut-Off Valves
SWPPP Storm Water Pollution Prevention Plan
TEC Terminal Equipment Controller (Facilities Control System)
TEFC totally enclosed fan cooled
UDS Uniform Drawing System
UL Underwriters Laboratories
USGBC United States Green Building Council
VAV Variable Air Volume
VFC Variable Frequency Controller (variable-speed motor drive)

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