

MECHANICAL CRITERIA

TECHNICAL INSTRUCTIONS

TI 800-01	Design Criteria	Jul 98
TI 800-03	Technical Requirements for Design-Build	Jul 98
TI 800-04	Installation Support	Aug 98
TI 801-01	Barracks Upgrade Program	Aug 98
TI 801-02	Army Family Housing	Aug 98
TI 802-01	Code 3 Design with Parametric Estimating	May 98
*TI 809-04	Seismic Design Criteria for Buildings	Dec 98
TI 809-26	Welding - Design Procedures and Inspections	Mar 00
*TI 810-10	Mechanical Design - HVAC	Feb 99
TI 810-11	HVAC Control Systems	Nov 98
TI 810-32	Heating and Cooling Distribution Systems	Aug 99
TI 810-90	Elevator Systems	Aug 98
TI 811-12	Utility Monitoring and Control Systems	Aug 98

TECHNICAL MANUALS

*TM 5-785	Engineering Weather Data	Jul 78
TM 5-805-6	Noise and Vibration Control	May 95
TM 5-805-7	Welding Design, Procedures and Inspection	May 85
TM 5-805-9	Power Plant Acoustics	Dec 83
*TM 5-810-1	Mechanical Design HVAC	Jun 91

*TM 5-810-2	High Temperature Water Heating Systems	Dec 91
*TM 5-810-4	Compressed Air	Jan 90
*TM 5-810-5	Plumbing	Aug 93
*TM 5-810-6	Nonindustrial Gas Piping Systems	Apr 90
*TM 5-810-7	High-Pressure Gas and Cryogenic Systems	Jul 83
TM 5-810-15	Central Steam Boiler Plants	Aug 95
TM 5-813-8	Water Desalination	Sep 86
TM 5-815-3	HVAC Control Systems	Jul 91
TM 5-852-1	Arctic and Subarctic Construction, General	Sep 87
TM 5-852-9	Arctic and Subarctic Construction, Buildings	Mar 88
TM 5-855-4	HVAC of Hardened Installations	Nov 86

ENGINEERING TECHNICAL LETTERS

ETL 1110-3-339	Criteria for Sanitary Control of Swim Facilities	Feb 83
ETL 1110-3-379	Compressed Air and Vacuum for AF Dental Fac	Nov 87
ETL 1110-3-455	Humidity Control for Barracks and Dorms In Humid Areas	Jun 93
ETL 1110-3-466	Design and Construction of Oil/Water Separators at Army Facilities	Aug 94
ETL 1110-3-474	Cathodic Protection	Jul 95
ETL 1110-3-483	Clothes Dryer Exhaust Venting	Mar 98
ETL 1110-3-489	Domestic Water Heaters for Barracks	Apr 98
ETL 1110-3-491	Sustainable Design for Military Facilities	Jan 00

STANDARD DETAILS

N/A

MILITARY HANDBOOKS

MIL HDBK 1008C	Fire Protection for Facilities Engineering, Construction, and Design	Jun 97
*MIL HDBK 1022a	Petroleum Fuel Facilities	Nov 99
*MIL HDBK 1191	Medical Military Construction Program Facilities Design and Construction Criteria	May 96

FEDERAL SPECS/STANDARDS

FS RR-W-410	Wire Rope and Strand
*FED-STD 795	Uniform Federal Accessibility Standards

MILITARY SPECS/STANDARDS

MIL-M-81380	Monitor, Contamination, Aviation Fuel Dispensing System	
MIL-N-5877	Nozzle, Pressure Fuel Servicing, Locking Type D-1, D-1R, D-2, D-2R, Nominal 2-½ Inch Diameter	
MIL STD 1691	Construction and Material Schedule for Military Medical and Dental Facilities	
MIL STD 2202	EMCS Factory Test Procedures	Nov 86
MIL STD 2203	EMCS Performance Verification & Endurance Tset Procedures	Nov 86

ENGINEERING MANUALS

EM 1110-1-4008 Liquid Process Piping May 99

MISCELLANEOUS

*(20th Ed.) Industrial Ventilation, A Recommended Practice Latest Ed.

 American Petroleum Institute Standards and Latest Ed.
 Practices

 Design Criteria for Construction in the U.S. Army Oct 97
 Kwajalein Atoll/Kwajalein Missile Range
 (USAKA/KMR)