**Listing Usage Guidance**

**Components**

Components are items associated with the parent equipment. They need not be directly connected. Examples are: (1) pressure gauge on a pump (parent equipment is the pump), (2) main drain valve on a sprinkler system (parent equipment is the trip valve), and (3) flow gauge for regenerating air on a desiccant air dryer (parent equipment is the air dryer).

**Equipment/Component Name Column**

The listing sometimes contains guidance for choosing the best acronym and name for use in the Master Equipment List (MEL) and on labels. The guidance is often in parenthesis but not always; exercise care when determining what is name versus appended guidance.

**Converters, Sensors, Switches, Transducers, and Transmitters**

Converter: Usually takes a signal of one type and converts to another. It can also change signal/power type as in AC to DC. A converter is NOT a sensor.

Sensor: Any device that measures a variable and converts it to an electrical signal. It’s an all-encompassing term that includes transducers, transmitters, and switches. All transducers, transmitters, and switches are sensors, but not all sensors are transducers, transmitters, or switches.

Switch: Unlike a transducer or transmitter that can translate all of the values in its range, a switch will trigger at a specific set value. That set value can either be high or low and can either engage or disengage a circuit.

Transducer and Transmitter: These are virtually the same thing, the main difference being the kind of electrical signal each sends. A transducer sends a signal in volts (V) or millivolt (mV) and a transmitter sends a signal in milliamps (mA).

**Sorting**

**Listing below is sorted by Type (after the first four special-use choices).**  It may be re-sorted by downloading file to your drive, clicking anywhere in table, and then using Word’s Sort feature (under Layout tab).

| **Type** | **Subtype** | **Equipment/Component Name** | **Origin** | **Primary Discipline** |
| --- | --- | --- | --- | --- |
| MISC | MISC | Miscellaneous (consult Ch 1 POC before using) | ASME | All |
| PROGRM | PROG | Program (Use for where the MEL record is for a “program” vs a real piece of equipment) |  | All |
| PROGRM | PSS | Pressure Safety System Program |  |  |
| SYSTEM | SYS | System (for single CMMS entry for entire Op System or System) | ASME | All |
| ACTUAT | ACTA | Actuator, Air |  | Mech |
| ACTUAT | ACTE | Actuator, Electrical |  | Mech |
| ACTUAT | ACTR | Actuator, generic | ASME | Mech |
| ADA | LWI | Lift, wheelchair, inclined, stair climber or stair lift | LANL | C/S/Arch |
| ADA | LWV | Lift, wheelchair, vertical | LANL | C/S/Arch |
| ADA | RAMP | ADA ramp (bldg or sidewalk) | LANL | C/S/Arch |
| AED | AED | Automated external defibrillator | LANL | C/S/Arch |
| AGITR | AGT | Agitator | 803.1 | Mech |
| AIRBOX | ACB | Box, atmospheric control (TA-55 PSAA pos pr GB) | LANL | Mech |
| AIRBOX | CAV | Constant air volume (box) | LANL | Mech |
| AIRBOX | FVAV | Variable air volume box with fan | LANL | Mech |
| AIRBOX | VAV | Variable air volume box | ASH4 | Mech |
| ALARM | AA | Alarm, analyzer | 5.1 | I&C |
| ALARM | AGA | Alarm, combustible gas | LANL | I&C |
| ALARM | ALC | Alarm, carbon monoxide | LANL | I&C |
| ALARM | ALM | Alarm | 803.1 | I&C |
| ALARM | ANN | Annunciator | 803.1 | I&C |
| ALARM | CALM | Alarm, continuous air monitors |  |  |
| ALARM | EA | Alarm, voltage | 5.1 | I&C |
| ALARM | FA | Alarm, flow  | 5.1 | I&C |
| ALARM | HACP | Alarm, HVAC Bldg. 030141 Only |  | I&C |
| ALARM | IA | Alarm, current  | 5.1 | I&C |
| ALARM | JA | Alarm, power | 5.1 | I&C |
| ALARM | LA | Alarm, level  | 5.1 | I&C |
| ALARM | MA | Alarm, moisture | 5.1 | I&C |
| ALARM | NAA | Notification appliance, audio | 5.1 | I&C |
| ALARM | NAAV | Notification appliance, audio visual | 5.1 | I&C |
| ALARM | NAV | Notification appliance, visual | 5.1 | I&C |
| ALARM | OIA | Alarm, oxygen, indicating | 5.1 | I&C |
| ALARM | PA | Alarm, pressure | 5.1 | I&C |
| ALARM | PDA | Alarm, differential pressure  | 5.1 | I&C |
| ALARM | RA | Alarm, radiation | 5.1 | I&C |
| ALARM | RLT | Alarm, access, red-light | LANL | I&C |
| ALARM | SA | Alarm, speed | 5.1 | I&C |
| ALARM | TA | Alarm, temperature | 5.1 | I&C |
| ALARM | VA | Alarm, vibration | 5.1 | I&C |
| ALARM | XA | Alarm, special (incl. refrigerant monitors and fire alarms at TA-55) | 5.1 | I&C |
| ALARM | ZA | Alarm, zone or position | 5.1 | I&C |
| ANCHOR | ANCR | Anchor as in a wall, ceiling, floor, etc. |  | C/S/Arch |
| ANLYZR | AE | Analyzer or analytical instrument (when more specific does not exist) | LANL | I&C |
| ANLYZR | AW | Well, analyzer | 5.1 | I&C |
| ANLYZR | RGA | Residual gas analyzer | LANL | Process |
| ANLYZR | SPEC | Mass spectrometer or other | LANL | M&TE |
| ANLYZR | XRF | X-ray fluorescence spectrometer | LANL | M&TE |
| APLNCE | CDRY | Dryer, household clothes dryer |  | Mech |
| APLNCE | DSHW | Dishwasher, glassware cleaner, or sterilizer Includes kitchen dishwasher. | LANL | Mech |
| APLNCE | FRZR | Kitchen Appliances, freezer |  | Mech |
| APLNCE | IMKR | Ice maker machine | LANL | C/S/Arch |
| ARPLT | ARPL | Armor plate (e.g., ceiling) | ASME | C/S/Arch |
| ASMBLY | ASSY | Assembly | ASME | Mech |
| BARR | BARM | Moisture barrier |  | C/S/Arch |
| BARR | BARR | Barrier (rail, bollard, jersey, manual gate, etc.) | ASME | C/S/Arch |
| BARR | FIRE | Barrier, fire (e.g., wall, penetration, fire wrap, etc.) |  |  |
| BARR | GE | Gate, electric | LANL | C/S/Arch |
| BARR | GH | Gate, hydraulic | LANL | C/S/Arch |
| BARR | RBE | Road block, electric | LANL | BARR |
| BARR | RBH | Road block, hydraulic | LANL | C/S/Arch |
| BASIN | BSIN | Basin or pond Basins are open, such as the pools at the Otowi building. Berms surround something such as a tank to control spills/leaks. | LANL | C/S/Arch |
| BATH | CRB | Circulator, heated or refrigerated bath | LANL |  |
| BATH | CTB | Constant Temperature Bath |  |  |
| BATH | DBH | Density Bath |  |  |
| BATTRY | BB | Battery, bank (bank of batteries) | LANL |  |
| BATTRY | BTRY | Battery or battery box | 803.1 |  |
| BATTRY | CB | Charger, battery | LANL | Elec |
| BDGRDR | RDR | Reader | 803.1 | I&C |
| BEAM | BEAM | Beams, all type and material |  |  |
| BERM | BERM | Berm - Surrounds something such as a tank or building to control spills/leaks | LANL | C/S/Arch |
| BLDG | BLDG | Building incl. office trailers, transportainers, and sheds | 803.1 | C/S/Arch |
| BLDG | EDS | Electrical distribution system Use for entire building |  | Elec |
| BLOCK | TBLK | Electrical terminal block, including terminals | ASME | I&C |
| BLOWER | BL | Blower | LANL | Mech |
| BLOWER | BV | Blower, vacuum | LANL | Mech |
| BOILER | BHW | Boiler, hot water | LANL | Mech |
| BOILER | BS | Boiler, steam | LANL | Mech |
| BOILER | BWS | Boiler, water supply | LANL | Mech |
| BOX | FTB | Field termination box | LANL | Security |
| BOX | JBOX | Box, junction | LANL | Elec |
| BRIDGE | BRDG | Bridge | ASME | C/S/Arch |
| BUSDCT | DBD | Bus duct (aboveground) | LANL | Elec |
| BUSDCT | DBPL | Bus Plug | LANL | Elec |
| CABNET | CAB | Cabinet (including control) |  |  |
| CAMERA | CAMR | Camera | LANL | Process |
| CANOPY | CNPY | Canopy |  |  |
| CAPCTR | CAP | Capacitor, non-pad mounted | 803 | Elec |
| CAPCTR | CPMD | Capacitor, pad mounted | LANL | Elec |
| CEILNG | CLNG | Ceiling, structural (relates to seismic mounting) |  |  |
| CEILNG | CNST | Ceiling, construction |  | C/S/Arch |
| CEILNG | FNSH | Ceiling, finish |  | C/S/Arch |
| CHMBR | CMBR | Chamber | ASME | Process |
| CKTBKR | 22 | Circuit Breaker, Equalizer | 803.1 | El Util Dwgs |
| CKTBKR | 41 | Circuit Breaker, Field | 803.1 | El Util Dwgs |
| CKTBKR | 42 | Circuit Breaker, Running | 803.1 | El Util Dwgs |
| CKTBKR | 52 | Circuit breaker, AC | 803.1 | El Util Dwgs |
| CKTBKR | 6 | Circuit Breaker, Starting | 803.1 | El Util Dwgs |
| CKTBKR | 7 | Circuit Breaker, Anode | 803.1 | El Util Dwgs |
| CKTBKR | 72 | Circuit Breaker, DC | 803.1 | El Util Dwgs |
| CKTBKR | CBA | Circuit breaker, air (MV or HV) | LANL | El Util Dwgs |
| CKTBKR | CBE | Circuit breaker, enclosed (individual MCCB NEMA AB 1, often used as disconnect) | LANL | Elec |
| CKTBKR | CBG | Circuit breaker, gas (MV or HV) | LANL | Elec |
| CKTBKR | CBO | Circuit breaker, oil (MV or HV) | LANL | El Util Dwgs |
| CKTBKR | CBV | Circuit breaker, vacuum (MV or HV) | LANL | Elec |
| CKTBKR | GFCI | Ground Fault Circuit Interrupter | NEC | Elec |
| CKTBKR | ICCB | Circuit breaker, insulated case (in a LV swbd) | 1015 | Elec |
| CKTBKR | LVCB | Circuit breaker, low voltage power (draw-out mounted power CB in ANSI-rated LV swgr) | 1015 | Elec |
| CKTBKR | MCCB | Circuit breaker, molded-case in pnlbd or swbd | 1015 | Elec |
| CLLCTR | CD | Collector, dust | LANL | Shop |
| CLLCTR | COL | Collector (e.g., drip or catch pan) | 803.1 | Mech |
| CLNOUT | CO | Cleanout | ASPE | Mech |
| CMPCTR | ERTH | Compactor, Earth, asphalt, etc. Includes small ones like “jumping jacks”. |  |  |
| CMPCTR | TRSH | Compactor, Trash |  | Mech |
| CNECTR | CONN | Connector or coupling (including electrical grounds) | LANL | Mech |
| CNECTR | PSX | Flexible connector, e.g., hose | LANL | Mech |
| CNTCTR | 19 | Contactor, Starting-To-Running Transition | 803.1 | El Util Dwgs |
| CNTCTR | 29 | Contactor, Isolating | 803.1 | El Util Dwgs |
| CNTCTR | 4 | Contactor, Master | 803.1 | El Util Dwgs |
| CNTCTR | 73 | Contactor, Load-Resistor | 803.1 | El Util Dwgs |
| CNTCTR | 93 | Contactor, Field Changing | 803.1 | El Util Dwgs |
| CNTCTR | CNTR | Contactor | 803.1 | Elec |
| CNTLR | AC | Control, analyzer | 5.1 | I&C |
| CNTLR | BC | Control, burner | 5.1 | I&C |
| CNTLR | CNLR | Controller – Use specific kind where possible | LANL | I&C |
| CNTLR | CPF | Controller, pneumatic flow |  |  |
| CNTLR | FC@ | Control, flow | 5.1 | I&C |
| CNTLR | IOM | Remote I/O Adaptor Module | LANL | I&C |
| CNTLR | JC | Controller, power | 5.1 | I&C |
| CNTLR | KC | Controller, time | 5.1 | I&C |
| CNTLR | LC | Controller, level | 5.1 | I&C |
| CNTLR | LIC | Controller, indicating, level | 5.1 | I&C |
| CNTLR | MOTR | Controller, motor |  |  |
| CNTLR | PC@ | Controller, pressure | 5.1 | I&C |
| CNTLR | PDC | Controller, differential pressure | 5.1 | I&C |
| CNTLR | PDIC | Controller, indicating, differential pressure | 5.1 | I&C |
| CNTLR | PIC | Controller, indicating, pressure | 5.1 | I&C |
| CNTLR | PLC | Controller, programmable logic | ASME | I&C |
| CNTLR | RTU | Remote terminal unit | LANL | I&C |
| CNTLR | SIC | Controller, speed, indicating |  |  |
| CNTLR | TC@ | Controller, temperature | 5.1 | I&C |
| CNTLR | TH | Thermostat | 803.1 | I&C |
| CNTLR | TIC | Controller, indicating, temperature | 5.1 | I&C |
| CNTLR | TRC@ | Controller, recording, temperature | 5.1 | I&C |
| CNTLR | VFD | Drive, variable frequency | LANL | Elec |
| CNTLR | XC | Controller, special | 5.1 | I&C |
| CNTLR | YC | Controller, presence or state | 5.1 | I&C |
| CNTLR | YIC | Controller, indicating, presence or state | 5.1 | I&C |
| CNTLR | ZC | Controller, zone or position | 5.1 | I&C |
| COLUMN | CNST | Column, construction |  | C/S/Arch |
| COMM | CHAS | Chassis (including Ethernet) | LANL | I&C |
| COMM | COMX | Communication, Special | LANL | I&C |
| COMM | ICOM | Intercom | 803.1 | I&C |
| COMM | MIKE | Microphone | 803.1 | I&C |
| COMM | MIX | Mixer (e.g., PA) | 803.1 | Elec |
| COMM | MUX | Multiplexer | ASME | I&C |
| COMM | OUT | Outlet, non-telephone | 803.1 | Elec |
| COMM | SPK | Speaker | 803.1 | Elec |
| COMM | TEL | Telecom or data jack, or phone itself | 803.1 | Elec |
| COMM | TELE | Television | 803.1 | Elec |
| COMM | TRNK | Communication, Trunked radio | LANL | I&C |
| COMPR | CA | Compressor, air | LANL | Mech |
| COMPR | CMPR | Compressor | ASME | Mech |
| COMPTR | CPU | Central processing unit (computer) | 803.1 | I&C |
| COMPTR | CRT | Terminal or screen, cathode ray tube or solid state | 803.1 | I&C |
| COMPTR | KYBD | Keyboard | ASME | I&C |
| CONDSR | CDN | Condensate neutralizer |  | Mech |
| CONDSR | COND | Condenser (e.g., process or steam) | 803.1 | Mech |
| CONDSR | CTE | Condenser, turbine exhaust | LANL | Mech |
| CONTMT | DB | Drop Box | LANL | Mech |
| CONTMT | FH | Fume hood (but use XB when leading to a GB) | LANL | Mech |
| CONTMT | GB | Glovebox Note that some older records for gear boxes use GB as the equipment number designator. All new records for gear box must use GRBX as subtype and equipment number designator. | LANL | Mech |
| CONTMT | GLV | Glove component |  |  |
| CONTMT | OF | Open front hood (RLUOB red/zone 2 hoods only; TA-55 uses XB for similar) | LANL | Mech |
| CONTMT | SEAL | Seal or sealing containment ring (or gasket) There is an acronym for generic seals under SEAL/SEAL. | LANL | Process |
| CONTMT | SUMP | Secondary Containment - Surrounds something such as a tank, piping, or building to control spills/leaks, preventing an uncontrolled release to the environment or surrounding area. Can be concrete or earthen berms, basins, sumps, trenches, etc.  Commonly used for oil transformers, generators, outdoor equipment, and other areas requiring temporary collection of liquids for later transfer. |  |  |
| CONTMT | XB | Glovebox, introductory/exchange (fume hood leading to GB) | LANL | Mech |
| CONTNR | 110G | Drum, 110 gallon | LANL | Process |
| CONTNR | 55G | Drum, 55 gallon | LANL | Process |
| CONTNR | 85G | Drum, 85 gallon | LANL | Process |
| CONTNR | CONT | Container | LANL | Process |
| CONTNR | SWB | Box, standard waste | LANL | Process |
| CONTNR | TDOP | Ten Drum Overpack | LANL | Process |
| CONTNR | TRAY | Tray | LANL | Process |
| CONTNR | TRUP | TRUPACT-II and HALFPACT containers | LANL | Process |
| CONVEY | CVVR | Conveyor (belt, auger, etc.) | 803.1 | Mech |
| CONVRT | CNV | Converter | 803.1 | I&C |
| COOLER | CRYO | COOLER, CRYOCOOLER (CRYOSTAT) | LANL | MECH |
| COOLER | WCR | Cooler, water (including drinking fountains) | ASME | Mech |
| CRANE | CJ | Crane, jib | LANL | C/S/Arch |
| CRANE | CM | Crane, monorail | LANL | C/S/Arch |
| CRANE | CRNE | Crane, mobile or fixed (use specific type where possible) | LANL | Mobile Eq |
| CRANE | CTG | Crane, gantry | LANL | C/S/Arch |
| CRANE | CTO | Crane, bridge | LANL | C/S/Arch |
| CRUC | CRUC | Crucible | LANL | Process |
| CURB | CURB | Curbing (asphalt, concrete) | LANL | C/S/Arch |
| CVDSPH | CVDS | CVD sphere design |  |  |
| CYLNDR | CYL | Cylinder (Used mostly for gas cylinders/bottles, but some hydraulic or air operated cylinders) | ASME | Mech |
| DAMPER | DF | Damper, fire | LANL | Prot |
| DAMPER | DMP | Damper | 803.1 | Mech |
| DAMPER | DMPM | Damper, Motorized |  | Mech |
| DAMPER | DS | Damper, smoke (some legacy use as door switch, which is now BMS) | LANL | Fire Prot |
| DAMPER | DV | Damper, Volume |  | Mech |
| DAQ | DAQ | Data Acquisition | LANL | I&C |
| DECK | DECK | Deck (e.g., bridge, roof) | LANL | C/S/Arch |
| DEVICE | 12 | Device, Overspeed | 803.1 | El Util Dwgs |
| DEVICE | 13 | Device, Synchronous Speed | 803.1 | El Util Dwgs |
| DEVICE | 14 | Device, Underspeed | 803.1 | El Util Dwgs |
| DEVICE | 15 | Device, Speed or Frequency Matching | 803.1 | El Util Dwgs |
| DEVICE | 18A | Device, Accelerating | 803.1 | El Util Dwgs |
| DEVICE | 18D | Device, Decelerating | 803.1 | El Util Dwgs |
| DEVICE | 23 | Device, Temperature Control | 803.1 | El Util Dwgs |
| DEVICE | 26 | Device, Apparatus Thermal | 803.1 | El Util Dwgs |
| DEVICE | 31 | Device, Separate Excitation | 803.1 | El Util Dwgs |
| DEVICE | 34 | Device, Master Sequence | 803.1 | El Util Dwgs |
| DEVICE | 35 | Device, Brush-Operating or Slip-Ring Short Circuiting | 803.1 | El Util Dwgs |
| DEVICE | 36 | Device, Polarity or Polarizing Voltage | 803.1 | El Util Dwgs |
| DEVICE | 38 | Device, Bearing Protective | 803.1 | El Util Dwgs |
| DEVICE | 43 | Device, Manual Trans/Select | 803.1 | El Util Dwgs |
| DEVICE | 5 | Device, Stopping | 803.1 | El Util Dwgs |
| DEVICE | 57 | Device, Short-Circuiting or Grounding | 803.1 | El Util Dwgs |
| DEVICE | 66 | Device, Notching or Jogging | 803.1 | El Util Dwgs |
| DEVICE | 69 | Control Device, Permissive | 803.1 | El Util Dwgs |
| DEVICE | 8 | Device, Control Power Disconnecting | 803.1 | El Util Dwgs |
| DEVICE | 9 | Device, Reversing | 803.1 | El Util Dwgs |
| DEVICE | NCD | Device, network communication | LANL | I&C |
| DEVICE | PSD | Phase shifting device | 803.1 | Elec |
| DEVICE | RTD | Reagent (or remote) transfer device | LANL | Process |
| DEWAR | DEWR | Dewar | LANL | Mech |
| DIFUSR | DAB | Diffuser, aeration basin | LANL | Mech |
| DIFUSR | GRD | HVAC grille, register, diffuser, louver, or combination |  |  |
| DIFUSR | PUMP | Diffuser, pump |  |  |
| DISP | DISP | Display screen |  | I&C |
| DMIST | DMST | Demister | 803.1 | Process |
| DOOR | CONF | Door, radiological confinement |  | C/S/Arch |
| DOOR | DAC | Door, air curtain | LANL | C/S/Arch |
| DOOR | DAL | Door, airlock |  | C/S/Arch |
| DOOR | DM | Door, motorized (for hinged doors) | LANL | C/S/Arch |
| DOOR | DR | Door | 803.1 | C/S/Arch |
| DOOR | DRB | Door, blast resistant |  | C/S/Arch |
| DOOR | DRE | Door, roll-up, electric | LANL | C/S/Arch |
| DOOR | DRH | Door, hydraulically operated | LANL | C/S/Arch |
| DOOR | DRM | Door, roll-up, manual | LANL | C/S/Arch |
| DOOR | DRP | Door, pneumatically operated (categorize by hinged, sliding, etc. first) |  | C/S/Arch |
| DOOR | FDC | Door, fire, structural | LANL | Fire Prot |
| DOOR | FDE | Door, fire, electrical | LANL | Fire Prot |
| DOOR | FDF | Door, fire, mechanical | LANL | Fire Prot |
| DOOR | MRNE | Door, marine |  | C/S/Arch |
| DOOR | RLSE | Magnetic Door Release |  |  |
| DOOR | SLDG | Door, sliding (use for manually or power operated doors) |  | C/S/Arch |
| DOOR | SP | Door, Shield Plug | LANL | C/S/Arch |
| DOOR | STRK | Strike, door (e.g., electric; some legacy use of DS, but use STRIKE) | LANL | Security |
| DRAIN | DRN | Drain | 803.1 | Mech |
| DRAIN | FD | Drain, floor | ASME | Mech |
| DRAWER | DWR  | Drawer | ASME | C/S/Arch |
| DRIVE | DFL | Drive, fluid | LANL | Mech |
| DRYER | DAD | Dryer, air, desiccant | LANL | Mech |
| DRYER | DAR | Dryer, air, refrigerant | LANL | Mech |
| DRYER | DDT | Dryer, catalyst (e.g., Dri-Train) | LANL | Process |
| DRYER | DGR | Dryer, gas, refrigerant | LANL | Mech |
| DSCNCT | DHO | Disconnect, hand-operated | LANL | El Util Dwgs |
| DSCNCT | DMO | Disconnect, motor-operated | LANL | El Util Dwgs |
| EDUCTR | EDUC | Eductor |  | Mech |
| EJECTR | AES | Air-ejector, steam | LANL | Mech |
| ELECRN | AMP | Amplifier | 803.1 | Elec |
| ELECRN | ATT | Attenuator – sound, etc. | 803.1 | Mech |
| ENCL | ENC | Box, Enclosure |  |  |
| EVAP | EVP | Evaporator | 803.1 | Process |
| EXPJNT | EXJT | Expansion joint (piping, bridge) | ASME | Mech |
| FAN | FAN | Fan | 803.1 | Mech |
| FAN | FB | Fan, booster | LANL | Mech |
| FAN | FC | Fan, circulating | LANL | Mech |
| FAN | FCD | Fan, condenser | LANL | Mech |
| FAN | FCT | Fan, cooling tower | LANL | Mech |
| FAN | FCU | Fan coil unit | 803.1 | Mech |
| FAN | FE | Fan, exhaust | LANL | Mech |
| FAN | FEH | Fan, exhaust, fume hood | LANL | Mech |
| FAN | FFU | Fan-filter unit |  | Mech |
| FAN | FGR | Fan, Flue Gas Recirculation |  |  |
| FAN | FRA | Fan, return or recirculation | LANL | Mech |
| FAN | FS | Fan, supply | LANL | Mech |
| FENCE | CAGE | Cage (wire/fence or restraint) | LANL | C/S/Arch |
| FENCE | FEN | Fence | LANL | C/S/Arch |
| FILTER | FAB | Filter, air, bag or box | LANL | Mech |
| FILTER | FAC | Filter, air, cleanable | LANL | Mech |
| FILTER | FAF | Filter, air, fire | LANL | Mech |
| FILTER | FAH | Filter, air, HEPA (or gas) | LANL | Mech |
| FILTER | FAL | Filter, air, charcoal | LANL | Mech |
| FILTER | FAM | Filter, air, mat | LANL | Mech |
| FILTER | FAP | Filter, air, pad | LANL | Mech |
| FILTER | FAR | Filter, air, replaceable (also used as Filter, air, roughing) |  |  |
| FILTER | FES | Filter, air, electrostatic | LANL | Mech |
| FILTER | FF | Frame, Filter | LANL | Mech |
| FILTER | FLC | Filter, cartridge or canister |  | Mech |
| FILTER | FLT | Filter, generic | 803.1 | Mech |
| FILTER | FO | Filter, oil | LANL | Mech |
| FILTER | FRL | Filter, roll | LANL | Mech |
| FILTER | HEPU | HEPA filter, portable unit or vacuum | LANL | Mobile Eq |
| FILTER | SCR | Strainer | LANL |  |
| FILTER | SG | Shaker, graphite | LANL | Shop |
| FIRDET | BSP | Booster Power Supply | LANL | Fire Prot |
| FIRDET | FCP | Panel, control, fire alarm | 170 | Fire Prot |
| FIRDET | FCPB | Battery, fire control panel | LANL | Fire Prot |
| FIRDET | HCP | Panel, control, halon | 170 | Fire Prot |
| FIRDET | HD | Detector, heat (but XTS preferred) | LANL | Fire Prot |
| FIRDET | HSSD | Detector, smoke, high sensitivity (incl. aspirating) | N'A318 | Fire Prot |
| FIRDET | MOD | Module, Fire Control Panel (located inside FCP with connections to items like detectors and such) |  | Fire Prot |
| FIRDET | PBX | Box, pull | 803.1 | Fire Prot |
| FIRDET | SMD | Detector, smoke | LANL | Fire Prot |
| FIRDET | XHS | Pull Station, Fire Alarm (TA-55 only, others use pull box-- pbx) | LANL | Fire Prot |
| FIRDET | XTS | Detector, Heat (XTS preferred) | 5.1 | Fire Prot |
| FIRSUP | AFD | Actuator, fire device | LANL | Fire Prot |
| FIRSUP | EXS | Fire suppression extinguishing system, gaseous or halon | LANL | Fire Prot |
| FIRSUP | EXT | Extinguisher, fire | LANL | Fire Prot |
| FIRSUP | FCLD | Fire extinguishing agent, Class D | NFPA10 | Fire Prot |
| FIRSUP | FDC@ | Fire department connection | 170mod | Fire Prot |
| FIRSUP | FSDC | Fire suppression dry chemical | LANL | Fire Prot |
| FIRSUP | FSWC | Fire suppression wet chemical | LANL | Fire Prot |
| FIRSUP | FSWF | Fire suppression wet foam | LANL | Fire Prot |
| FIRSUP | FSWP | Fire suppression wet foam pre-action | LANL | Fire Prot |
| FIRSUP | HOSE | Fire Hose Station, often attached to a standpipe |  | Fire Prot |
| FIRSUP | HYD | Hydrant | 803.1 | Fire Prot |
| FIRSUP | OSY | Valve, Outside Screw & Yoke | ASME | Fire Prot |
| FIRSUP | PFP | Pump, Fire Protection | LANL | Fire Prot |
| FIRSUP | PIV | Valve, Post Indicating | LANL | Fire Prot |
| FIRSUP | PIVA | Valve, Post Indicating, Annunciated | LANL | Fire Prot |
| FIRSUP | SPA | Sprinkler, Pre-action | LANL | Fire Prot |
| FIRSUP | SPD | Sprinkler, Dry Pipe | LANL | Fire Prot |
| FIRSUP | SPDA | Sprinkler, Dry/Pre-action combined | LANL | Fire Prot |
| FIRSUP | SPDL | Sprinkler, Deluge | LANL | Fire Prot |
| FIRSUP | SPF | Sprinkler, anti-freeze | LANL | Fire Prot |
| FIRSUP | SPH | Standpipe | LANL | Fire Prot |
| FIRSUP | SPHD | Standpipe, Dry (Manual) | LANL | Fire Prot |
| FIRSUP | SPW | Sprinkler, Wet Pipe | LANL | Fire Prot |
| FIRSUP | SRNK | Sprinkler (head) | 803.1 | Fire Prot |
| FIRSUP | TSE | Safety device, temperature (fusible link) | 5.1 | Mech |
| FIRSUP | XBYP | Fire Riser Trim Bypass Valve | LANL | Fire Prot |
| FIRSUP | XFC | Fill cup, sprinkler standpipe (funnel) Also includes fill ports on fire suppression tanks | LANL | Fire Prot |
| FIRSUP | XFS | Flow Switch |  | Fire Prot |
| FIRSUP | XHOV | Fire protection Hand Operated Valve |  | Fire Prot |
| FIRSUP | XPI | Fire Pressure Indicator |  | Fire Prot |
| FIRSUP | XPS | Pressure Switch |  | Fire Prot |
| FIRSUP | XVAC | Valve, Alarm Check | LANL | Fire Prot |
| FIRSUP | XV | Fire Riser Trim Isolation/Test Valve | LANL | Fire Prot |
| FIRSUP | XVIT | Valve, Inspector's Test | LANL | Fire Prot |
| FIRSUP | XVMD | Valve, Main Drain | LANL | Fire Prot |
| FIRSUP | XVV | Valve, Air Vent Use only for fire protection piping. Some historical use non‑FP, but use VALVE/VENT going forward. | LANL | Fire Prot |
| FIRSUP | XWMG | Water Motor Gong (flow alarm) | LANL | Fire Prot |
| FIXTUR | FXTR | Generic for a holding device. Lighting fixture is LIGHT/FIXT. | ASME | Process |
| FLASHR | FLSR | Flasher | LANL | I&C |
| FLOOR | CNST | Floor construction (includes raceways) |  |  |
| FLOOR | FNSH | Floor finish |  |  |
| FOOTER | CNST | Footer construction, for walls |  |  |
| FRKLFT | FRKL | Forklift | LANL | Mobile Eq |
| FURNSH | FRNS | Furnishings Includes fixed seating, bleachers, window treatments, casework, etc. |  |  |
| FUSE | FU | Fuse | 803.1 | Elec |
| GENRTR | 88 | Generator, Auxiliary Motor or Motor | 803.1 | El Util Dwgs |
| GENRTR | EXC | Exciter | 803.1 | Elec |
| GENRTR | GDE | Generator, diesel engine | LANL | Elec |
| GENRTR | GEN | Generator | 803.1 | Elec |
| GENRTR | GNE | Generator, natural gas engine | LANL | Elec |
| GENRTR | GSE | Generator, steam driven | LANL | Elec |
| GENRTR | MG | Generator, motor | 803.1 | Elec |
| GENRTR | PMG | Generator, permanent magnet | 803.1 | Elec |
| GENRTR | RLB | Load bank, resistance | LANL | Elec |
| HATCH | HTCH | Hatch (a subset of the parent—e.g., roof, basement, or pit) |  | C/S/Arch |
| HEATER | ELEM | Element (electric, heating, etc.) | ASME | Elec |
| HEATER | FGF | Furnace, gas fired | LANL | Mech |
| HEATER | HDA | Heater, deaerating | LANL | Mech |
| HEATER | HDE | Heater, duct, electric | LANL | Mech |
| HEATER | HDG | Heater, duct, gas | LANL | Mech |
| HEATER | HFH | Heater, feed water, high-pressure | LANL | Mech |
| HEATER | HFI | Heater, feed water, intermediate-pressure | LANL | Mech |
| HEATER | HFL | Heater, feed water, low-pressure | LANL | Mech |
| HEATER | HPLT | Hot Plate | LANL | Process |
| HEATER | HSE | Heater unit, air, steam-electric (space heater) | LANL | Mech |
| HEATER | HTE | Heater, tank, electric | LANL | Mech |
| HEATER | HTR | Heater (e.g., electric element) | ASME | Process |
| HEATER | HUE | Heater unit, air, electric (space heater) | LANL | Mech |
| HEATER | HUG | Heater unit, air, gas (space heater) | LANL | Mech |
| HEATER | HUI | Heater unit, air, infrared (space heater) | LANL | Mech |
| HEATER | HUS | Heater unit, air, steam (space heater) | LANL | Mech |
| HEATER | HUW | Heater unit, air, water (space heater) | LANL | Mech |
| HEATER | HWE | Heater, water, electric (electric heated hot water heater) | LANL | Mech |
| HEATER | HWG | Heater, water, gas (gas heated hot water heater) | LANL | Mech |
| HEATER | HWS | Heater, water, steam (steam heated hot water heater) | LANL | Mech |
| HEATER | PLTE | Light, pilot | ASME | Mech |
| HEATER | TRCE | Heat trace, freeze protection | LANL | Mech |
| HOIST | HE | Hoist or winch, electric | LANL | C/S/Arch |
| HOIST | HM | Hoist or winch, manual | LANL | C/S/Arch |
| HOIST | HP | Hoist or winch, pneumatic/hyd | LANL | C/S/Arch |
| HOIST | HST | Hoist or winch (TA55 only; others use specific kind) | ASME | C/S/Arch |
| HOTC | HTC | Hot cell |  |  |
| HUMID | DHM | Dehumidifier | LANL | Mech |
| HUMID | HAS | Humidifier, air, steam | LANL | Mech |
| HUMID | HAW | Humidifier, air, water | LANL | Mech |
| HVAC | ACR | Air conditioner, refrigerant* Package unit containing the compressor, condensing coil, evaporative coil & fan
* ACR has Condenser/Evap Coil & Compressor all in same unit
* If unit also used to produce heat then use HVA
 | LANL | Mech |
| HVAC | ACW | Air Conditioner, Window Unit | LANL | Mech |
| HVAC | AHU | Air Handling Unit | 803.1 | Mech |
| HVAC | BSU | Branch selector unit | LANL | Mech |
| HVAC | CAE | Cooler, air, evaporative | LANL | Mech |
| HVAC | CAW | Cooler, air, water | LANL | Mech |
| HVAC | CCE | Coil, cooling, evaporative | LANL | Mech |
| HVAC | CCG | Coil, cooling, glycol | LANL | Mech |
| HVAC | CCL | Coil, cooling | 803.1 | Mech |
| HVAC | CR | Compressor, refrigerant | LANL | Mech |
| HVAC | CRA | Condenser, refrigerant, air-cooled (if package with compressor see RUA) | LANL | Mech |
| HVAC | CRAC | Computer room air conditioner (e.g., the indoor unit connected to a CRA or RUA) | LANL | Mech |
| HVAC | CRE | Condenser, refrigerant, evaporative | LANL | Mech |
| HVAC | CWA | Chiller, water, absorption | LANL | Mech |
| HVAC | CWE | Chiller, water, evaporative | LANL | Mech |
| HVAC | CWR | Chiller, water, refrigerant | LANL | Mech |
| HVAC | DUCT | HVAC, Ventilation Duct | 803.1 | Mech |
| HVAC | ERV | Energy recovery ventilator | LANL | Mech |
| HVAC | GBTC | Glovebox Thermal Conditioning | LANL | Mech |
| HVAC | GRD | Grille, register, diffuser, or louver | LANL | Mech |
| HVAC | HCL | Coil, heating | 803.1 | Mech |
| HVAC | HVA | Heating ventilation air conditioning unit (furnace or heat pump w/ heat and cool; heat only see Furnace; cool only see ACR; fan/coil only see fan coil unit FCU) | LANL | Mech |
| HVAC | HVP | Heating Ventilation Plenum Frame (has coils; otherwise use frame, filter) | LANL | Mech |
| HVAC | LVCW | Limited volume circulation chilled water unit | LANL | Mech |
| HVAC | MAU | Makeup Air Unit | LANL | Mech |
| HVAC | RUA | Refrigeration unit, air cooled (unit contains compressor, condensing coil, and fan) (if package unit also contains evaporator coil and fan, see ACR) | LANL | Mech |
| HVAC | SLW | Slinger, water spray | LANL | Mech |
| HVAC | SYS | System (use when record is for a HVAC system for an entire building) |  | Mech |
| HVAC | WA | Washer, air | LANL | Mech |
| HX | ACL | Aftercooler | LANL | Mech |
| HX | DSH | Desuperheater | LANL | Elec |
| HX | HX | Heat exchanger | 803.1 | Mech |
| HX | HXG | Heat exchanger, glycol | LANL | Mech |
| HX | HXO | Heat exchanger, oil | LANL | Mech |
| HX | HXR | Heat exchanger, refrigerant | LANL | Mech |
| HX | HXS | Heat exchanger, steam | LANL | Mech |
| HX | HXW | Heat exchanger, water | LANL | Mech |
| HX | ICLR | Intercooler | ASME | Mech |
| HYDRLC | CYL | Hydraulic cylinder |  | Mech |
| HYDRLC | HYDS | Hydraulic system | LANL | Mech |
| IGNTR | IGNT | Igniter | ASME | Process |
| INDCTR | AI | Indicator, analyzer | 5.1 | I&C |
| INDCTR | BI | Indicator, burner | 5.1 | I&C |
| INDCTR | CI | Indicator, conductivity | 5.1 | I&C |
| INDCTR | CW | Column, water | LANL | Mech |
| INDCTR | EI | Indicator, voltage | 5.1 | I&C |
| INDCTR | FFI | Indicator, flow, ratio | 5.1 | I&C |
| INDCTR | FG | Sight glass, flow | 5.1 | I&C |
| INDCTR | FI | Indicator, flow | 5.1 | I&C |
| INDCTR | FQI | Indicator, flow, totalized | 5.1 | I&C |
| INDCTR | GI | Indicator, ground | 5.1 | I&C |
| INDCTR | II | Indicator, current | 5.1 | I&C |
| INDCTR | JI | Indicator, power | 5.1 | I&C |
| INDCTR | KI | Indicator, time | 5.1 | I&C |
| INDCTR | KQI | Indicator, time, totalized | 5.1 | I&C |
| INDCTR | LG | Sight glass, level | 5.1 | I&C |
| INDCTR | LI | Indicator, level | 5.1 | I&C |
| INDCTR | MDE | Measuring device (special, e.g., diameter gauge) |  | I&C |
| INDCTR | MI | Indicator, moisture | 5.1 | I&C |
| INDCTR | PDI | Indicator, pressure differential | 5.1 | I&C |
| INDCTR | PHI | Indicator, pH | 5.1 | I&C |
| INDCTR | PI | Indicator, pressure | 5.1 | I&C |
| INDCTR | QI | Indicator, quantity | 5.1 | I&C |
| INDCTR | RI | Indicator, radiation | 5.1 | I&C |
| INDCTR | SI | Indicator, speed | 5.1 | I&C |
| INDCTR | SYN | Synchroscope | 803.1 | I&C |
| INDCTR | TDI | Indicator, differential temperature | 5.1 | I&C |
| INDCTR | TI | Indicator, temperature | 5.1 | I&C |
| INDCTR | UI | Indicator, multivariable | 5.1 | I&C |
| INDCTR | VI | Indicator, vibration | 5.1 | I&C |
| INDCTR | WDI | Indicator, force differential | 5.1 | I&C |
| INDCTR | WI | Indicator, weight or force | 5.1 | I&C |
| INDCTR | XI | Indicator, special | 5.1 | I&C |
| INDCTR | YI | Indicator, presence or state | 5.1 | I&C |
| INDCTR | ZDI | Indicator, deviation | 5.1 | I&C |
| INDCTR | ZI | Indicator, zone or position | 5.1 | I&C |
| INSTMT | BAL | Balance or scale | ASME | M&TE |
| INSTMT | EG | Electro corrector, gas | LANL | M&TE |
| INSTMT | IN | Instrument (legacy RLUOB R&D only; when new use true functional ID) | LANL | I&C |
| INSTMT | PLT | Plate | LANL |  |
| INSTMT | SAI | Solution assay instrument | LANL | I&C |
| INSUL | BATT | Fiberglass batt insulation, usually has vapor seal too |  | C/S/Arch |
| INSUL | RIGD | Rigid insulation (likely foam, may be backed one or both sides with aluminum foil) |  | C/S/Arch |
| INTRLK | DIL | Interlock, door (includes airlock doors) |  | C/S/Arch |
| JETPRI | JCP | Jet, condenser, priming | LANL | Mech |
| JOIST | IWD | I-Beam, wide flange |  | C/S/Arch |
| JOIST | K | K Series |  | C/S/Arch |
| JOIST | STL | Joist, steel |  | C/S/Arch |
| LADDER | LADR | Ladder | 803 | C/S/Arch |
| LASER | LASR | Laser | ASME | Process |
| LASER | LIL | Interlock, laser | LANL | I&C |
| LCHR | LCHR | Launcher | ASME | Process |
| LIFT | DKLV | Lift, dock levelers |  | C/S/Arch |
| LIFT | DW | Dumbwaiter | ASME | C/S/Arch |
| LIFT | EE | Elevator, electric | LANL | C/S/Arch |
| LIFT | EH | Elevator, hydraulic | LANL | C/S/Arch |
| LIFT | LFT | Lift (use specific where possible) | LANL | C/S/Arch |
| LIFT | MATL | Lift, material | LANL | Mobile Eq |
| LIFT | PERS | Lift, personnel | LANL | Mobile Eq |
| LIFTEQ | RGNG | Rigging (slings, shackles, etc) | ASME | C/S/Arch |
| LIGHT | FIXT | Lighting fixture | 803.1 | Elec |
| LIGHT | HALO | Lighting, halogen |  |  |
| LIGHT | HPS | Lighting, high pressure sodium |  |  |
| LIGHT | LED | Lighting, LED |  |  |
| LIGHT | LF | Lighting, fluorescent |  |  |
| LIGHT | LN | Lighting, incandescent | LANL | Elec |
| LIGHT | LPS | Lighting, low pressure sodium |  |  |
| LIGHT | LSP | Light, security perimeter |  |  |
| LIGHT | LTE | Light, emergency | LANL | Elec |
| LIGHT | LTEC | Light, emergency/exit sign combo | LANL | Elec |
| LIGHT | LTET | Light, exit sign, tritium or other self-luminous | LANL | Elec |
| LIGHT | LTNT | Light, exit sign, lit (non-tritium/not self-luminous) | LANL | Elec |
| LIGHT | LUV | Light, ultraviolet (e.g., UV sterilization) | LANL | Mech |
| LIGHT | MERC | Lighting, mercury vapor |  |  |
| LIGHT | MHAL | Light, metal halide |  |  |
| LIGHT | STRB | Light, strobe, beacon (e.g., warning light on communications towers, CAMs, fire alarm panels, etc. |  |  |
| LTGPRO | ATRM | Air terminal (e.g., LPS) | LANL | Elec |
| LTGPRO | LPT | Lightning protection | LANL | Elec |
| LTGPRO | SPDE | Surge protective device (lightning suppressor or arrestor, all voltages) | NECmod | Elec |
| LUBRI | LML | Lubricator, Mainline | LANL | MECH |
| MACH | MACH | Machine | ASME | Mech |
| MAGNET | MGNT | Magnet, Non-Superconductor | LANL | MECH |
| MAGNET | SCND | Magnet, Superconductor | LANL | MECH |
| MANFLD | GAS | Manifold for gas cylinders/bottles |  | Mech |
| MANFLD | H2O | Water system manifolds |  | Mech |
| MANFLD | MANF | Manifold Use GAS or H2O where known. | ASME | Mech |
| MANHOL | MHE | Manhole, electric | LANL | C/S/Arch |
| MANHOL | MHFP | Manhole, Fire Protection | LANL | C/S/Arch |
| MANHOL | MHS | Manhole, steam | LANL | C/S/Arch |
| MANHOL | MWW | Manhole, waste water | LANL | C/S/Arch |
| MECHNL | GRBX | Gearbox Note that some older records use GB as the equipment number designator. | ASME | Mech |
| MECISM | 75 | Mechanism, Position Changing | 803.1 | El Util Dwgs |
| METER | MGD | Meter, gas, district | LANL | Mech |
| METER | MGR | Meter, gas, revenue | LANL | Mech |
| METER | MHT | Meter, humidity or temperature | LANL | I&C |
| METER | MKH | Meter, kilowatt per hour |  |  |
| METER | MMD | Meter, multimeter, digital | LANL | M&TE |
| METER | MMO | Meter, megohm | LANL | M&TE |
| METER | MPH | Meter, pH | LANL | M&TE |
| METER | MTR | Meter (generic) | 803.1 | I&C |
| METER | MW | Meter, water | LANL | I&C |
| MIOX | MDS | Disinfection system, mixed-oxidant | LANL | Mech |
| MIXER | MC | Mixer, chemical | LANL | Mech |
| MIXER | MIX | Mixer, other than chemical and sound | LANL | Mech |
| MONITR | 39 | Monitor, mechanical, condition | 803.1 | El Util Dwgs |
| MONITR | 45 | Monitor, atmospheric condition | 803.1 | El Util Dwgs |
| MONITR | CAM | Monitor, continuous air | LANL | I&C |
| MONITR | CASD | Criticality Alarm Sys (CAS) Detector | LANL | I&C |
| MONITR | CASR | Criticality Alarm Sys (CAS) Ratemeter | LANL | I&C |
| MONITR | CSM | Continuous Air Monitor (CAM) Supervisor Module | LANL | I&C |
| MONITR | GC | Gas chromatograph | LANL | Process |
| MONITR | GXT | Leak detector or tester | LANL | M&TE |
| MONITR | HFM | Hand and foot monitor | LANL | M&TE |
| MONITR | LCC | Logic control chassis | LANL | I&C |
| MONITR | MON | Monitor (generic) | 803.1 | I&C |
| MONITR | OM | Monitor, Oxygen | 5.1 | I&C |
| MONITR | PCM | Personnel contamination monitor | LANL | M&TE |
| MSCOPE | SCPE | General Microscope |  |  |
| MSCOPE | SEM | Scanning Electron Microscope |  |  |
| MUFLR | MUF | Muffler | ASME | Mech |
| OVEN | AUTO | Autoclave |  |  |
| OVEN | IND | Induction Furnace |  |  |
| OVEN | OVEN | Generic Use specific where possible | LANL | Process |
| OVEN | RES | Electric resistance furnace/oven | LANL | Process |
| OVEN | RFHD | Radio frequency inductively heated device | LANL | Process |
| OVEN | TUBE | Tube within an oven (e.g., tubes in a calciner furnace) | LANL | Process |
| PANEL | CIP | Panel, camera interface | LANL | Security |
| PANEL | CMBP | Combination Panel (where panel contains two or more functions, e.g., the Argus Field Control Panel that modulates voltage and has breakers) | LANL |  |
| PANEL | CP | Panel, control (TA55 only; others use CPL) | LANL | I&C |
| PANEL | CPL | Panel, control | LANL | I&C |
| PANEL | EP | Panel, emergency power | LANL | Elec |
| PANEL | LP | Panel, lighting (legacy; use PP now) | 100 | Elec |
| PANEL | MCC | Motor control center | 803.1 | Elec |
| PANEL | PL | Panel (TA-55 legacy; use specific where possible) | 803.1 | I&C |
| PANEL | PNL | Panel (Use specific where possible) | 803.1 | I&C |
| PANEL | PP | Panel, power (use this for the distribution panel portion of a combo xfmr and panel, e.g., Mini-Power Zone units) | 100 | Elec |
| PANEL | PPDC | Panel, power, direct current | LANL | Elec |
| PANEL | RAP | Panel, remote access | LANL | Security |
| PANEL | SWBD | Switchboard (NEMA) | 100 | Elec |
| PANEL | SWGR | Switchgear (ANSI) with either breakers or fused interrupter switches  | 803.1 | Elec |
| PEN | FP | Penetration, floor or ceiling See BARR/FIRE for fire barrier penetrations | LANL | C/S/Arch |
| PEN | WP | Penetration, Wall or roof See BARR/FIRE for fire barrier penetrations | LANL | C/S/Arch |
| PILING | CAP | Pile caps |  |  |
| PILING | PILE | Pile foundations |  |  |
| PIPING | NZL | Nozzle | 803.1 | Mech |
| PIPING | PIPE | Pipe | LANL | Mech |
| PIPING | RO | Orifice, restricting | ASME | Mech |
| PIPING | SMPL | Pipe, sampling | LANL | Mech |
| PKLOT | PAVD | Parking lot, paved | LANL | C/S/Arch |
| PKLOT | UPVD | Parking lot, unpaved | LANL | C/S/Arch |
| PLUMB | HB | Hose bib | ASME | Mech |
| PLUMB | PLFX | Generic plumbing fixture, sanitary sewer |  | Plumb |
| PLUMB | SNK | Sink, including kitchen sinks, restroom lavatories, floor drains, and janitors sink. Use for sanitary sewer, industrial, and radioactive waste. |  | Plumb |
| PLUMB | TOLT | Toilet or Commode, sanitary sewer |  | Plumb |
| PLUMB | URIN | Urinal, sanitary sewer |  | Plumb |
| PORT | AP | Test point or port, analyzer | 5.1 | I&C |
| PORT | BP | Test point or port, burner | 5.1 | I&C |
| PORT | PP@ | Test point or port, pressure | 5.1mod | I&C |
| PORT | SAMP | Sample Port or sampler | IEEE | Process |
| PORT | TP | Test point or port, temperature | 5.1 | I&C |
| POTTY | PAP | Toilet, mobile (port-a-potty) |  |  |
| POWER | ENG | Engine | 803.1 | Mech |
| POWER | HPU | Power unit, hydraulic | LANL | Mech |
| POWER | INVT | Inverter | 803.1 | Elec |
| POWER | JX | Power supply, electric | 5.1 | I&C |
| POWER | MO | Motor Use for electric, pneumatic, or hydraulic. | 803.1 | Elec |
| POWER | PDU | Power distribution unit | 1100 | Elec |
| POWER | PVNL | Photovoltaic panel | LANL | Elec |
| POWER | SUPR | Electric power supply suppressor |  |  |
| PPTT | PPTT | Pipette | LANL | Process |
| PRNT | PRNT | Printer or plotter | IEEE | I&C |
| PRSDEV | PRD | Pressure Relief Device |  |  |
| PRSDEV | RPD | Rupture disk or disc | 803.1 | Mech |
| PUMP | P | Pump | 803.1 | Mech |
| PUMP | PAC | Pump, acid or chemical | LANL | Mech |
| PUMP | PBF | Pump, boiler feed | LANL | Mech |
| PUMP | PC | Pump, condensate | LANL | Mech |
| PUMP | PCR | Pump, circulating | LANL | Mech |
| PUMP | PCT | Pump, cooling tower | LANL | Mech |
| PUMP | PCW | Pump, chilled or cooling water | LANL | Mech |
| PUMP | PDH | Pump, hot water, domestic (potable) | LANL | Mech |
| PUMP | PDW | Pump, deionized water | LANL | Mech |
| PUMP | PFO | Pump, fuel oil | LANL | Mech |
| PUMP | PG | Pump, glycol | LANL | Mech |
| PUMP | PHO | Pump, hydraulic | LANL | Mech |
| PUMP | PHW | Pump, hot water | LANL | Mech |
| PUMP | PO | Pump, oil | LANL | Mech |
| PUMP | PPB | Pump, pressure, boosting | LANL | Mech |
| PUMP | PS | Pump, sump | LANL | Mech |
| PUMP | PSA | Pump, sampler air | LANL | Mech |
| PUMP | PSR | Pump, sewage, raw | LANL | Mech |
| PUMP | PSUB | Pump, submersible |  | Mech |
| PUMP | PSW | Pump, sealant water | LANL | Mech |
| PUMP | PTW | Pump, tempered water | LANL | Mech |
| PUMP | PV | Pump, vacuum | LANL | Mech |
| PUMP | ACPV | Pump, vacuum, air cooled | LANL | Mech |
| PUMP | PWS | Pump, water spray | LANL | Mech |
| PUMP | PWT | Pump, waste treatment | LANL | Mech |
| REAC | REAC | Reactor | ASME | Process |
| RECOVR | CRU | Condensate recovery unit | LANL | Mech |
| RECRDR | CR@ | Recorder, conductivity | 5.1mod | I&C |
| RECRDR | FR | Recorder, flow | 5.1 | I&C |
| RECRDR | HZR | Recorder, frequency |  |  |
| RECRDR | JR | Recorder, power | 5.1 | I&C |
| RECRDR | LR | Recorder, level | 5.1 | I&C |
| RECRDR | PR@ | Recorder, pressure | 5.1mod | I&C |
| RECRDR | TR | Recorder, temperature | 5.1 | I&C |
| RECRDR | WR | Recorder, weight or force | 5.1 | I&C |
| REGLTR | 90 | Regulating Device | 803.1 | El Util Dwgs |
| REGLTR | DGRS | Regulator, gas, district | LANL | Mech |
| REGLTR | NGRS | Regulator, natural gas | LANL | Mech |
| REGLTR | REG | Regulator, gas bottle | LANL | Mech |
| REGLTR | RPG | Regulator, pressure, gas | LANL | Mech |
| REGLTR | RPW | Regulator, pressure, water | LANL | Mech |
| REGLTR | RV | Regulator, voltage | LANL | Elec |
| RELAY | 2 | Relay, Time-Delay Starting or Closing | 803.1 | El Util Dwgs |
| RELAY | 21 | Relay, Distance | 803.1 | El Util Dwgs |
| RELAY | 24 | Relay, Static Breaker Failure | 803.1 | El Util Dwgs |
| RELAY | 27 | Relay, Undervoltage | 803.1 | El Util Dwgs |
| RELAY | 3 | Relay, Checking or Interlocking | 803.1 | El Util Dwgs |
| RELAY | 30 | Relay, Annunciator | 803.1 | El Util Dwgs |
| RELAY | 32 | Relay, Directional Power | 803.1 | El Util Dwgs |
| RELAY | 37 | Relay, Undercurrent or Underpower | 803.1 | El Util Dwgs |
| RELAY | 40 | Relay, Field | 803.1 | El Util Dwgs |
| RELAY | 44 | Relay, Unit Sequence Starting | 803.1 | El Util Dwgs |
| RELAY | 46 | Relay, Phase-Balance Current or Reverse-Phase | 803.1 | El Util Dwgs |
| RELAY | 47 | Relay, Phase-Sequence Voltage | 803.1 | El Util Dwgs |
| RELAY | 48 | Relay, Incomplete Sequence | 803.1 | El Util Dwgs |
| RELAY | 49 | Relay, Machine or Transformer Thermal | 803.1 | El Util Dwgs |
| RELAY | 50 | Relay, Instantaneous Overcurrent (OC) | 803.1 | El Util Dwgs |
| RELAY | 51 | Relay, AC Time Overcurrent | 803.1 | El Util Dwgs |
| RELAY | 53 | Relay, Exciter or DC Generator | 803.1 | El Util Dwgs |
| RELAY | 55 | Relay, Power Factor | 803.1 | El Util Dwgs |
| RELAY | 56 | Relay, Field Application | 803.1 | El Util Dwgs |
| RELAY | 58 | Relay, Rectifier Failure | 803.1 | El Util Dwgs |
| RELAY | 59 | Relay, Overvoltage | 803.1 | El Util Dwgs |
| RELAY | 60 | Relay, Voltage or Current Balance | 803.1 | El Util Dwgs |
| RELAY | 61 | Relay, Current Balance | 803.1 | El Util Dwgs |
| RELAY | 62 | Relay, Time-Delay Starting or Closing | 803.1 | El Util Dwgs |
| RELAY | 64 | Relay, Ground Detector (Not CT Secondary)  | 803.1 | El Util Dwgs |
| RELAY | 67 | Relay, AC Directional Overcurrent | 803.1 | El Util Dwgs |
| RELAY | 68 | Relay, Blocking | 803.1 | El Util Dwgs |
| RELAY | 74 | Relay, Alarm | 803.1 | El Util Dwgs |
| RELAY | 76 | Relay, DC Overcurrent | 803.1 | El Util Dwgs |
| RELAY | 78 | Relay, Out-of-Step Protective Phase-Angle Measuring | 803.1 | El Util Dwgs |
| RELAY | 79 | Relay, AC Reclosing | 803.1 | El Util Dwgs |
| RELAY | 81 | Relay, Frequency | 803.1 | El Util Dwgs |
| RELAY | 82 | Relay, DC Reclosing | 803.1 | El Util Dwgs |
| RELAY | 83 | Relay, Automatic Selective Control or Transfer | 803.1 | El Util Dwgs |
| RELAY | 85 | Relay, Carrier/Pilot-Wire Receiver | 803.1 | El Util Dwgs |
| RELAY | 86 | Relay, Locking-Out | 803.1 | El Util Dwgs |
| RELAY | 87 | Relay, Differential Protective | 803.1 | El Util Dwgs |
| RELAY | 91 | Relay, Voltage Directional  | 803.1 | El Util Dwgs |
| RELAY | 92 | Relay, Voltage and Power Directional | 803.1 | El Util Dwgs |
| RELAY | 94 | Relay, Tripping | 803.1 | El Util Dwgs |
| RELAY | 95 | Relay, Phase Discordance Handling Unit | 803.1 | El Util Dwgs |
| RELAY | AY | Relay, analyzer | 5.1 | I&C |
| RELAY | BY | Relay, burner | 5.1 | I&C |
| RELAY | EY | Relay, voltage | 5.1 | I&C |
| RELAY | FQY | Relay, flow, quantity | 5.1 | I&C |
| RELAY | FY | Relay, flow, rate | 5.1 | I&C |
| RELAY | IY | Relay, current | 5.1 | I&C |
| RELAY | JY | Relay, power | 5.1 | I&C |
| RELAY | KY | Relay, time | 5.1 | I&C |
| RELAY | LY | Relay, level | 5.1 | I&C |
| RELAY | PDY | Relay, differential pressure | 5.1 | I&C |
| RELAY | PR | Relay, protective | LANL | Elec |
| RELAY | PY | Relay, pressure | 5.1 | I&C |
| RELAY | QY | Relay, quantity | 5.1 | I&C |
| RELAY | RLY | Relay or Relay Module (TA-55 only, others use specific type) | IEEE | Elec |
| RELAY | RY | Relay, radiation | 5.1 | I&C |
| RELAY | SY | Relay, speed | 5.1 | I&C |
| RELAY | TDY | Relay, differential temperature | 5.1 | I&C |
| RELAY | TY | Relay, temperature | 5.1 | I&C |
| RELAY | UY | Relay, multivariable | 5.1 | I&C |
| RELAY | VY | Relay, vibration analysis | 5.1 | I&C |
| RELAY | WDY | Relay, force differential | 5.1 | I&C |
| RELAY | WY | Relay, weight or force | 5.1 | I&C |
| RELAY | YY | Relay, presence or state | 5.1 | I&C |
| RELAY | ZDY | Relay, deviation | 5.1 | I&C |
| RELAY | ZY | Relay, position | 5.1 | I&C |
| RESN | RESN | Resin | LANL | Process |
| RGD | RGD | Radiation generating device |  |  |
| RNG | CPRT | Counter, portable | LANL | M&TE |
| RNG | CTRM | Counter, permanent (e.g., autos, not PCM) | LANL | M&TE |
| RNG | MKGS | Markings (pavement or otherwise) | ASME | C/S/Arch |
| RNG | PVMT | Roads & Grounds, Pavement (asphalt, concrete), pad, or slab | LANL | C/S/Arch |
| RNG | RDLC | Road, local (incl. driveways) | LANL | C/S/Arch |
| RNG | RDPM | Road, primary (arterial) | LANL | C/S/Arch |
| RNG | RDSC | Road, secondary (collector) | LANL | C/S/Arch |
| RNG | RDUP | Road, unpaved | LANL | C/S/Arch |
| RNG | RPP | Road & park lots, paved (legacy) | LANL | C/S/Arch |
| RNG | RSPM | Sign, radar speed, permanent | LANL | C/S/Arch |
| RNG | RSPT | Sign, radar speed, portable | LANL | C/S/Arch |
| RNG | RUP | Road & park lots, unpaved (legacy) | LANL | C/S/Arch |
| RNG | SDWK | Sidewalk | LANL | C/S/Arch |
| RNG | SIGN | Sign (traffic, reflectors, etc.) | LANL | C/S/Arch |
| RNG | SOIL | Soil (dirt cover) | LANL | C/S/Arch |
| RNG | SPSR | Superstructure (e.g., bridge) | LANL | C/S/Arch |
| RNG | SUBS | Substructure (e.g., bridge, slab, foundation) | LANL | C/S/Arch |
| RNG | TGNL | Signal, traffic | LANL | C/S/Arch |
| RNG | TRL | Trail | LANL | C/S/Arch |
| RNG | TRM | Traffic calming (hump, bump, table) | LANL | C/S/Arch |
| RNG | TUNL | Tunnel | LANL | C/S/Arch |
| ROBOT | RMHD | Robotic Material Handler, manipulator, master-slave | TA-55 | Process |
| ROOF | CNST | Roof construction (Use this where record is generic) |  |  |
| ROOF | COVR | Roof covering |  |  |
| RP | RP | Reference Point |  |  |
| SAFE | SAFE | Safe | LANL | Process |
| SAFETY | FPE | Fall protection equipment | LANL | C/S/Arch |
| SAMPLR | ASE | Air sampler, exhaust stack | LANL | Mech |
| SB | SB | Screen, bar, mechanical | LANL | Mech |
| SCRUBR | SCB | Scrubber | 803.1 | Mech |
| SCRUBR | SF | Scrubber, fume | LANL | Mech |
| SEAL | SEAL | Seals, gaskets, or ”O” rings |  | Mech |
| SENSOR | 1 | Master Element | 803.1 | El Util Dwgs |
| SENSOR | 28 | Detector, Flame (e.g., boiler) | 803.1 | El Util Dwgs |
| SENSOR | PAE | Primary element, analyzer | 5.1 | I&C |
| SENSOR | BE | Primary element, burner | 5.1 | I&C |
| SENSOR | CE | Primary element, conductivity | 5.1 | I&C |
| SENSOR | EE | Primary element, voltage | 5.1 | I&C |
| SENSOR | FE@ | Primary element, flow | 5.1 | I&C |
| SENSOR | FQE | Primary element, flow, quantity | 5.1 | I&C |
| SENSOR | IE | Primary element, current | 5.1 | I&C |
| SENSOR | JE | Primary element, power | 5.1 | I&C |
| SENSOR | KE | Primary element, time | 5.1 | I&C |
| SENSOR | LDC | Load cell | 803.1 | M&TE |
| SENSOR | LE | Primary element, level | 5.1 | I&C |
| SENSOR | ME | Primary element, moisture | 5.1 | I&C |
| SENSOR | OI | Primary element, oxygen | 5.1 | I&C |
| SENSOR | PDE | Primary element, differential pressure | 5.1 | I&C |
| SENSOR | PES | Primary element, pressure | 5.1 | I&C |
| SENSOR | PHE | Primary element, pH | 5.1 | I&C |
| SENSOR | QE | Primary element, quantity | 5.1 | I&C |
| SENSOR | RE | Primary element, radiation (beta, beta/gamma, etc.) | 5.1 | I&C |
| SENSOR | SE | Primary element, speed | 5.1 | I&C |
| SENSOR | SESE | Primary element, seismic | 5.1 | I&C |
| SENSOR | SNSR | Sensor, generic (use specific element where possible) | ASME | I&C |
| SENSOR | TE | Primary element, temperature (e.g., T/C, TC, TCP, thermocouple, thermistor) | 5.1 | I&C |
| SENSOR | VE | Primary element, vibration | 5.1 | I&C |
| SENSOR | WDE | Primary element, force differential | 5.1 | I&C |
| SENSOR | WE | Primary element, weight or force | 5.1 | I&C |
| SENSOR | WRE | Primary element, wear | 5.1 | I&C |
| SENSOR | XE | Primary element, special | 5.1 | I&C |
| SENSOR | YZ | Primary element, Presence or State |   |   |
| SENSOR | ZDE | Primary element, deviation | 5.1 | I&C |
| SENSOR | ZE | Primary element, zone or position | 5.1 | I&C |
| SEPART | SEP | Separator, process | 803.1 | Process |
| SEPART | SO | Separator, oil | LANL | Mech |
| SEWAGE | SLS | Lift station, sewage | LANL | C/S/Arch |
| SEWAGE | SMF | Main, force, sewage | LANL | C/S/Arch |
| SHADES | SHDE | Shades, (Window and door coverings) |  |  |
| SHIELD | SHLD | Shielding, radioactive or other (also see Door Plug) | LANL | C/S/Arch |
| SHOPEQ | DP | Press, drill | LANL | Shop |
| SHOPEQ | ETCH | Etcher | LANL | Shop |
| SHOPEQ | EWM | Welder, electric | LANL | Shop |
| SHOPEQ | GRB | Grinder, belt | LANL | Shop |
| SHOPEQ | GRP | Grinder, pedestal | LANL | Shop |
| SHOPEQ | GRS | Grinder, surface | LANL | Shop |
| SHOPEQ | LAT | Lathe | LANL | Shop |
| SHOPEQ | LMF | Lock, metal former | LANL | Shop |
| SHOPEQ | MF | Metal forming machine | LANL | Shop |
| SHOPEQ | MM | Milling machine | LANL | Shop |
| SHOPEQ | MNC | Mill, numeric control | LANL | Shop |
| SHOPEQ | PH | Press, hydraulic | LANL | Shop |
| SHOPEQ | PLSH | Polisher | LANL | Shop |
| SHOPEQ | PNCH | Punch | LANL | Shop |
| SHOPEQ | RMF | Roller, metal forming | LANL | Shop |
| SHOPEQ | SAW | Saw | LANL | Shop |
| SHOPEQ | SBL | Sand blaster | LANL | Shop |
| SHOPEQ | SD | Sander | LANL | Shop |
| SHOPEQ | SMC | Shear, metal cutting | LANL | Shop |
| SHOPEQ | TOOL | Tool or tooling | LANL | Shop |
| SHOPEQ | TQS | Screwdriver, torque | LANL | Shop |
| SHOPEQ | TQW | Wrench, torque | LANL | M&TE |
| SHOPEQ | USC | Ultrasonic cleaner or bath | 803.1 | M&TE |
| SHOPEQ | WB | Workbench | ASME | Shop |
| SHOWER | COMB | Combination safety shower and eyewash | LANL | Mech |
| SHOWER | EW | Eyewash | LANL | Mech |
| SHOWER | SHD | Shower, decontamination | LANL | Mech |
| SHOWER | SHR | Shower enclosure (general use) | 803.1 | Mech |
| SHOWER | SHS | Shower, safety | LANL | Mech |
| SHRDR | SHDR | Shredder | ASME | Process |
| SLAB | SLAB | Slab, standard slab on grade |  | C/S/Arch |
| SOFFIT | SOFT | Underside of an architectural structure such as an arch, a balcony, or overhanging eaves |  | C/S/Arch |
| SPACER | DWR | Bisco Divider/Spacer | ASME | Mech |
| SPACER | SPCR | Spacer | ASME | Mech |
| SPRT | RSNT | restraint (e.g., strapping, banding, netting, film, chain) | LANL | Process |
| SPRT | SPRT | Support Mechanism (e.g., HVAC seismic restraint) Includes mounting brackets | LANL | Mech |
| SPRT | STND | Support or Stand (GB, etc.) | ASME | Mech |
| STACK | ES | Stack, exhaust | LANL | Mech |
| STAIRS | CNST | Stairs, construction (includes railings) |  |  |
| STAIRS | FNSH | Stairs, finish (includes railings) |  |  |
| STN | BAS | Station, breathing air | LANL | Mech |
| STN | STA | Station (except breathing air) | ASME | Mech |
| STN | TBTS | Tube trailer station | LANL | Mech |
| STRG | KRDX | Automated storage and retrieval (Lektriever, Kardex) | LANL | Mech |
| STRG | RACK | Rack | LANL | C/S/Arch |
| STRG | SHLO | Shelves or shelf | LANL | C/S/Arch |
| STRTR | MSTR | Starter, motor | 803.1 | C/S/Arch |
| STRTR | PSTR | Starter, pneumatic | LANL | Elec |
| SUBSTN | RCTR | Current limiting reactor |  | Elec |
| SUBSTN | SSBU | Bus, substation (HV) | 803.1 | Elec |
| SUBSTN | SUB | Substation (HV) | LANL | Elec |
| SUBSTN | SUS | Substation, unit, secondary [integrated assy w/ fused MV interrupter switch(es), power xfmr(s), swgr, breakers, and LV swgr assy] | LANL | Elec |
| SWITCH | 10 | Switch, Unit Sequence | 803.1 | I&C |
| SWITCH | 17 | Switch, shunting or discharge | 803.1 | El Util Dwgs |
| SWITCH | 25 | Switch, Synchronizing or Synchronism-Check Drive | 803.1 | El Util Dwgs |
| SWITCH | 33 | Switch, position (HV) | 803.1 | El Util Dwgs |
| SWITCH | 63 | Switch, pressure (HV) | 803.1 | El Util Dwgs |
| SWITCH | 71 | Switch, level | 803.1 | El Util Dwgs |
| SWITCH | 80 | Switch, flow | 803.1 | El Util Dwgs |
| SWITCH | 89 | Switch, line | 803.1 | El Util Dwgs |
| SWITCH | AIS | Switch, indicating, analyzer | 5.1 | Mech |
| SWITCH | AITS | Switch, transmitting, indicating, analyzer | 5.1 | I&C |
| SWITCH | AS | Switch, analyzer | 5.1 | I&C |
| SWITCH | ASH | Switch, analyzer, high | 5.1 | I&C |
| SWITCH | ASHL | Switch, analyzer, high or low | 5.1 | I&C |
| SWITCH | ASL | Switch, analyzer, low | 5.1 | I&C |
| SWITCH | ATS | Switch, transfer, automatic | 1100 | I&C |
| SWITCH | BMS | Switch, magnetic, balanced (e.g., door) | LANL | Elec |
| SWITCH | BSH | Switch, burner, high | 5.1 | Security |
| SWITCH | BSHL | Switch, burner, high low | 5.1 | I&C |
| SWITCH | BSL | Switch, burner, low | 5.1 | I&C |
| SWITCH | BTN | Button, Push (switch) | ASME | I&C |
| SWITCH | CDD | Disconnect, circuit (enclosed switch, safety switch) | LANL | Elec |
| SWITCH | CIS | Switch, indicating, conductivity | 5.1 | Elec |
| SWITCH | CS | Conductivity Switch |  | I&C |
| SWITCH | CS@ | Switch, conductivity Historical, use SWITCH/CS all future records. | 5.1 |  |
| SWITCH | EIS | Switch, indicating, voltage | 5.1 | I&C |
| SWITCH | ESH | Switch, voltage, high | 5.1 | I&C |
| SWITCH | ESHL | Switch, voltage, high or low | 5.1 | I&C |
| SWITCH | ESL | Switch, voltage, low | 5.1 | I&C |
| SWITCH | FFS | Switch, flow, ratio | 5.1 | I&C |
| SWITCH | FFSH | Switch, flow, ratio, high | 5.1 | I&C |
| SWITCH | FFSL | Switch, flow, ratio, low | 5.1 | I&C |
| SWITCH | FIS | Switch, indicating, flow | 5.1 | I&C |
| SWITCH | FQIS | Switch, indicating, totalizing, flow | 5.1 | I&C |
| SWITCH | FQS | Switch, flow, totalized | 5.1 | I&C |
| SWITCH | FQSH | Switch, flow, quantity, high | 5.1 | I&C |
| SWITCH | FQSL | Switch, flow, quantity, low | 5.1 | I&C |
| SWITCH | FS@ | Switch, flow | 5.1 | I&C |
| SWITCH | FSH | Switch, flow, high | 5.1 | I&C |
| SWITCH | FSHL | Switch, flow, high or low | 5.1 | I&C |
| SWITCH | FSL | Switch, flow, low | 5.1 | I&C |
| SWITCH | FSW | Switch, flow (TA-55, not preferred) | LANL | I&C |
| SWITCH | HIS | Switch, indicating, hand | 5.1 | I&C |
| SWITCH | HOA | Switch, hand off auto or selector | LANL | I&C |
| SWITCH | HS | Switch, hand (single throw or push button; for selectors use hand-off-auto HOA) | 5.1 | I&C |
| SWITCH | IIS | Switch, indicating, current | 5.1 | I&C |
| SWITCH | IS | Switch, current | 5.1 | I&C |
| SWITCH | ISH | Switch, current, high | 5.1 | I&C |
| SWITCH | ISHL | Switch, current, high or low | 5.1 | I&C |
| SWITCH | ISL | Switch, current, low | 5.1 | I&C |
| SWITCH | JS | Switch, power | 5.1 | I&C |
| SWITCH | JSH | Switch, power, high | 5.1 | I&C |
| SWITCH | JSHL | Switch, power, high or low | 5.1 | I&C |
| SWITCH | JSL | Switch, power, low | 5.1 | I&C |
| SWITCH | KIS | Switch, indicating, time | 5.1 | I&C |
| SWITCH | KS | Switch, timer | 5.1 | I&C |
| SWITCH | KSH | Switch, time, high | 5.1 | I&C |
| SWITCH | KSHL | Switch, time, high or low | 5.1 | I&C |
| SWITCH | KSL | Switch, time, low | 5.1 | I&C |
| SWITCH | LIS | Switch, indicating, level | 5.1 | I&C |
| SWITCH | LS | Switch, level | 5.1 | I&C |
| SWITCH | LSH | Switch, level, high | 5.1 | I&C |
| SWITCH | LSHL | Switch, level, high or low | 5.1 | I&C |
| SWITCH | LSL | Switch, level, low | 5.1 | I&C |
| SWITCH | MIS | Switch, indicating, moisture | 5.1 | I&C |
| SWITCH | MS | Switch, moisture | 5.1 | I&C |
| SWITCH | MTS | Switch, transfer, manual | 100 | I&C |
| SWITCH | PDIH | Switch, indicating, pressure differential, high | 5.1 | I&C |
| SWITCH | PDIL | Switch, indicating, pressure differential, low | 5.1 | I&C |
| SWITCH | PDIS | Switch, indicating, pressure differential | 5.1 | Elec |
| SWITCH | PDS | Switch, pressure differential  | 5.1 | I&C |
| SWITCH | PDSH | Switch, pressure differential, high | 5.1 | I&C |
| SWITCH | PDSL | Switch, pressure differential, low | 5.1 | I&C |
| SWITCH | PIS | Switch, indicating, pressure | 5.1 | I&C |
| SWITCH | PS@ | Switch, pressure | 5.1 | I&C |
| SWITCH | PSH | Switch, pressure, high | 5.1 | I&C |
| SWITCH | PSHL | Switch, pressure, high or low | 5.1 | I&C |
| SWITCH | PSL | Switch, pressure, low | 5.1 | I&C |
| SWITCH | QSH | Switch, quantity, high | 5.1 | I&C |
| SWITCH | QSHL | Switch, quantity, high or low | 5.1 | I&C |
| SWITCH | QSL | Switch, quantity, low | 5.1 | I&C |
| SWITCH | RIS | Switch, indicating, radiation | 5.1 | I&C |
| SWITCH | RSH | Switch, radiation, high | 5.1 | I&C |
| SWITCH | RSHL | Switch, radiation, high or low | 5.1 | I&C |
| SWITCH | RSL | Switch, radiation, low | 5.1 | I&C |
| SWITCH | SIS | Switch, indicating, speed | 5.1 | I&C |
| SWITCH | SPM | Switch, pad mounted (MV, has 1 or more interrupter switches) | LANL | I&C |
| SWITCH | SS | Switch, speed | 5.1 | Elec |
| SWITCH | SSH | Switch, speed, high | 5.1 | I&C |
| SWITCH | SSHL | Switch, speed, high or low | 5.1 | I&C |
| SWITCH | SSL | Switch, speed, low | 5.1 | I&C |
| SWITCH | ST | Switch, transformer | LANL | I&C |
| SWITCH | SV | Switch, vacuum | LANL | Elec |
| SWITCH | SW | Switch, generic (use specific where possible) | ASME | Elec |
| SWITCH | TDS | Switch, temperature differential  | 5.1 | I&C |
| SWITCH | TDSH | Switch, temperature differential, high | 5.1 | I&C |
| SWITCH | TDSL | Switch, temperature differential, low | 5.1 | I&C |
| SWITCH | TIS | Switch, indicating, temperature | 5.1 | I&C |
| SWITCH | TS@ | Switch, temperature | 5.1 | I&C |
| SWITCH | TSH | Switch, temperature, high | 5.1 | I&C |
| SWITCH | TSHL | Switch, temperature, high or low | 5.1 | I&C |
| SWITCH | TSL | Switch, temperature, low | 5.1 | I&C |
| SWITCH | VIS | Switch, indicating, vibration | 5.1 | I&C |
| SWITCH | VS | Switch, vibration | 5.1 | I&C |
| SWITCH | VSH | Switch, vibration, high | 5.1 | I&C |
| SWITCH | VSHL | Switch, vibration, high or low | 5.1 | I&C |
| SWITCH | VSL | Switch, vibration, low | 5.1 | I&C |
| SWITCH | WDSH | Switch, force differential, high | 5.1 | I&C |
| SWITCH | WDSL | Switch, force differential, low | 5.1 | I&C |
| SWITCH | WIS | Switch, indicating, weight or force | 5.1 | I&C |
| SWITCH | WSH | Switch, weight or force, high | 5.1 | I&C |
| SWITCH | WSHL | Switch, weight or force, high or low | 5.1 | I&C |
| SWITCH | WSL | Switch, weight or force, low | 5.1 | I&C |
| SWITCH | XIS | Switch, indicating, special | 5.1 | I&C |
| SWITCH | XZS | Switch, tamper (TA-55 only, others use switch, pos -- ZS) | LANL | I&C |
| SWITCH | YSH | Switch, presence or state, high | 5.1 | Fire Prot |
| SWITCH | YSL | Switch, presence or state, low | 5.1 | I&C |
| SWITCH | ZDSH | Switch, deviation, high | 5.1 | I&C |
| SWITCH | ZDSL | Switch, deviation, low | 5.1 | I&C |
| SWITCH | ZIS | Switch, indicating, zone or position | 5.1 | I&C |
| SWITCH | ZS | Switch, position (limit, including valve position, damper position, tamper, supervisory, or supervised) | 5.1 | I&C |
| SWITCH | ZSC | Switch, position (limit), closed (ZSO if open) | 5.1 | I&C |
| SWITCH | ZSH | Switch, position, high | 5.1 | I&C |
| SWITCH | ZSHL | Switch, position, high or low | 5.1 | I&C |
| SWITCH | ZSL | Switch, position, low | 5.1 | I&C |
| SYSTEM | SVC | Static VAR compensator or control system | IEEE519 | El Util Dwgs |
| TABLE | PLAT | Platform (fixed or moveable) | ASME | El Util Dwgs |
| TABLE | TBL | Table (includes fixed, moveable, but NOT lift) | LANL | C/S/Arch |
| TABLE | TTT | Turntable | LANL | Mech |
| TANK | TAC | Tank, acid or chemical | LANL | C/S/Arch |
| TANK | TCA | Tank, compressed air | LANL | Mech |
| TANK | TCF | Tank, condensate, flash | LANL | Mech |
| TANK | TCI | Tank, chemical injection | LANL | Mech |
| TANK | TCS | Tank, condensate, steam | LANL | Mech |
| TANK | TCW | Tank, condensate, water | LANL | Mech |
| TANK | TEFF | Tank, effluent | LANL | Mech |
| TANK | TFUL | Tank, fuel | LANL | Mech |
| TANK | TG | Tank, glycol | LANL | Mech |
| TANK | THP | Tank, hydraulic pressure | LANL | Mech |
| TANK | TK | Tank | 803.1 | Mech |
| TANK | TO | Tank, oil | LANL | Mech |
| TANK | TPWS | Tank, potable water, storage | LANL | Mech |
| TANK | TRC | Tank, refrigerant | LANL | Mech |
| TANK | TRS | Tank, retention or storage | LANL | Mech |
| TANK | TSA | Tank, separator, air | LANL | Mech |
| TANK | TV | Tank, vacuum | LANL | Mech |
| TANK | TWC | Tank, water, chilled or cooling | LANL | Mech |
| TANK | TWD | Tank, water, deionized or demineralized | LANL | Mech |
| TANK | TWH | Tank, water, hot | LANL | Mech |
| TANK | TWS | Tank, water, sealant | LANL | Mech |
| TANK | TWT | Tank, waste treatment | LANL | Mech |
| TANK | TX | Tank, expansion | LANL | Mech |
| TANK | VP | Vessel, pressure | LANL | Mech |
| TEST | CBT | Test set, relay, overload, and or circuit breaker | LANL | Mech |
| TEST | GX | Tester, balance | LANL | M&TE |
| TEST | PTR | Pressure test rig | LANL | M&TE |
| TEST | TQT | Tester, torque | LANL | M&TE |
| TEST | TSTE | Equipment, Test (only when no specific subtype applies) | ASME | M&TE |
| TEST | WW | Wig-wag gate or testing tool | LANL | M&TE |
| TND | CEO | Circuit, electric, overhead | LANL | C/S/Arch |
| TND | CEU | Circuit, electric, underground | LANL | Elec |
| TND | LET | Line, electric, transmission | LANL | Elec |
| TND | PE | Pole, electrical distribution | LANL | El Util Dwgs |
| TOTAL | EQ | Totalizer, voltage | 5.1 | Process |
| TOTAL | FQ | Totalizer, flow | 5.1 | I&C |
| TOTAL | IQ | Totalizer, current | 5.1 | I&C |
| TOTAL | JWHQ | Totalizer, power, watt-hour | 5.1 | I&C |
| TOTAL | KQ | Totalizer, time | 5.1 | I&C |
| TOWER | TC | Tower, cooling | LANL | I&C |
| TOWER | TLA | Tower, electric, PNM LA | LANL | Mech |
| TOWER | TMP | Tower, electric, PNM MP | LANL | El Util Dwgs |
| TOWER | TNL | Tower, electric, PNM NL | LANL | El Util Dwgs |
| TOWER | TTE | Tower, electric, PNM TE | LANL | El Util Dwgs |
| TRACTR | LDR | Tractor, including large front end loaders or dozers | LANL | Mobile Eq |
| TRACTR | MOWR | Tractor, including self-powered riding mowers and walk-behind mowers | LANL | Mobile Eq |
| TRACTR | TRCH | Tractor, trencher | LANL | Mobile Eq |
| TRACTR | TRCT | Tractor (generic) | LANL | Mobile Eq |
| TRAP | GT | Trap, grease | LANL | Mobile Eq |
| TRAP | TRP | Trap | 803.1 | Mech |
| TRAP | TRPP | Trap primer | LANL | Mech |
| TRAP | TS | Trap, steam | LANL | Mech |
| TRLR | TLRB | Trailer, box |  | Mech |
| TRLR | TLRD | Trailer, dump |  | Mobile Eq |
| TRLR | TLRF | Trailer, flatbed |  | Mobile Eq |
| TRLR | TRLR | Trailer, generic (if office, use BLDG) | ASME | Mobile Eq |
| TROLEY | TRLY | Trolley | ASME | Mobile Eq |
| TROLEY | TRYT | Trolley Tunnel | LANL | Mech |
| TRUCK | CRGO | Truck, enclosed cargo boxes Incl those with lifts |  | Mech |
| TRUCK | DUMP | Truck, dump |  |  |
| TRUCK | FLAT | Truck, flat bed Incl those with lifts |  |  |
| TRUCK | FUEL | Truck, for refueling equipment |  |  |
| TRUCK | PKUP | Truck, pickup Incl those with lifts |  |  |
| TRUCK | TCTR | Truck, semi-truck tractor |  |  |
| TRUCK | TRCK | Truck, generic | LANL |  |
| TRUCK | TUBE | Truck, tube, for delivery of gases to facilities |  | Mobile Eq |
| TRUCK | UTV | ATVs, side-by-sides, incl Suzuki mini-trucks and such |  |  |
| TUMBLR | DT | Drum Tumbler | LANL |  |
| TURBIN | TSD | Turbine, steam driven | LANL | Process |
| TURBIN | TURB | Turbine (including gas-driven power turbines) | ASME | Mech |
| UPS | UPS | Uninterruptible power supply | 1100 | Mech |
| VALVE | 20 | Valve, electrically operated | 803.1 | Mech |
| VALVE | AAV | Automatic air vent (hydronic systems) | LANL | Mech |
| VALVE | AFCV | Automatic Fixture Control Valve (auto flush valves in restrooms) |  | Mech |
| VALVE | AOBV | Valve, ball, air-operated | LANL |  |
| VALVE | AOV | Valve, air operated (TA-55 only, others use Valve, solenoid - SOV | LANL | Mech |
| VALVE | ARV | Valve, air relief (UI water distribution systems) | AWWA | Mech |
| VALVE | BFP | Backflow preventer | 803.1 | Mech |
| VALVE | BVT | Valve, ball, trunnion | LANL | Mech |
| VALVE | CTRV | Valve, control (generic) |  | Mech |
| VALVE | CV | Valve, check | LANL | Mech |
| VALVE | FCV | Valve, control, flow | 5.1 | Mech |
| VALVE | FICV | Valve, control, indicating, flow | 5.1 | Mech |
| VALVE | GV | Valve, gate |  | Mech |
| VALVE | HV | Valve, Hand (use only where necessary to match tag) |  | Mech |
| VALVE | KCV | Valve, control, timed | 5.1 | Mech |
| VALVE | KV | Valve, key, natural gas | LANL | Mech |
| VALVE | LCV | Valve, control, level | 5.1 | Mech |
| VALVE | NV | Valve, Needle |  | Mech |
| VALVE | PCV | Valve, control, pressure | 5.1 | Mech |
| VALVE | PDCV | Valve, control, differential pressure | 5.1 | Mech |
| VALVE | PRD | Pressure regulating device (bubbler; use VPR for valves) | LANL | Mech |
| VALVE | PRV | Valve, pressure relief (preferred acronym for all relief valves – not safety valves) | LANL | Mech |
| VALVE | PSV | Valve, pressure safety (steam-air-gas service only) but see PRV | 5.1 | Mech |
| VALVE | RPV | Valve, Residual Pressure |  | Mech |
| VALVE | RVS | Valve, regulator, steam | LANL | Mech |
| VALVE | SCV | Valve, control, speed | 5.1 | Mech |
| VALVE | SOV | Valve, solenoid | LANL | Mech |
| VALVE | TCV | Valve, control, temperature | 5.1 | Mech |
| VALVE | TDCV | Valve, control, differential temperature | 5.1 | Mech |
| VALVE | V | Valve, also known as HV, Hand Valve | 803.1 | Mech |
| VALVE | VABG | Valve, gate, aeration basin | LANL | Mech |
| VALVE | VB | Valve, block | LANL | Mech |
| VALVE | VBG | Valve, burner, gas | LANL | Mech |
| VALVE | VBH | Valve, block, hydrant | LANL | Mech |
| VALVE | VBK | Vacuum Breaker |  | Mech |
| VALVE | VBO | Valve, burner, oil | LANL | Mech |
| VALVE | VBW | Valve, block, water | LANL | Mech |
| VALVE | VC | Valve, check (historical) Use CV now. |   | Mech |
| VALVE | VENT | Valve, Vent (Non-HVAC vent, general) Use FIRSUP/XVV for fire protection piping |  | Mech |
| VALVE | VEQG | Valve, gate, equalization basin | LANL | Mech |
| VALVE | VM | Valve, motor-operated (an MOV) | LANL | Mech |
| VALVE | VPR | Valve, pressure reducing | LANL | Mech |
| VALVE | WCV | Valve, control, force | 5.1 | Mech |
| VALVE | WDCV | Valve, control, force differential | 5.1 | Mech |
| VALVE | ZCV | Valve, control, zone or position | 5.1 | Mech |
| VALVE | ZDCV | Valve, control, deviation | 5.1 | Mech |
| VIBI | VIBI | Vibration isolator | LANL | Mech |
| WALL | CNST | Wall, construction (includes partitions) |  | C/S/Arch |
| WALL | FNSH | Wall, finish (includes partitions) |  | C/S/Arch |
| WATER | DMN | Demineralizer | LANL | C/S/Arch |
| WATER | DNZ | Water unit, deionized | LANL | Mech |
| WATER | DWS | Water softener | LANL | Mech |
| WATER | IX | DI Water ion exchanger |  | Mech |
| WATER | ROU | Reverse osmosis unit | 803.1 | Mech |
| WATER | WHA | Water hammer arrestor | LANL | Mech |
| WEIR | WGS | Weir gate, sludge or stormwater | LANL | Mech |
| WELL | TW | Well, thermal (thermowell) | 5.1 | C/S/Arch |
| WINDOW | SKYL | Window installed in roof or ceiling (skylight) |  |  |
| WINDOW | WDO | Window (specialized, e.g., shield or vessel) | ASME | CS/Arch |
| WINDOW | WNDW | Window, generic, including building windows |  |  |
| XFCART | CART | Cart for transfer of nuclear materials | LANL | C/S/Arch |
| XFMR | XFIH | Transformer, Induction Heating |  | Mobile Eq |
| XFMR | XFMR | Transformer (LV, 480 or less) (use this for the transformer portion of a combo xfmr and panel, e.g., Mini-Power Zone units) | 803.1 |  |
| XFMR | XFRD | Transformer, distribution (MV) | LANL | Elec |
| XFMR | XFRP | Transformer, power (HV) | LANL | Elec |
| XFMR | XFRR | Transformer, rectifier | LANL | El Util Dwgs |
| XMTR | 77 | Transmitter, Pulse | 803.1 | I&C |
| XMTR | AIT | Transmitter, indicating, analyzer | 5.1 | Elec |
| XMTR | ART | Transmitter, recording, analyzer | 5.1 | I&C |
| XMTR | AT | Transmitter, analyzer | 5.1 | I&C |
| XMTR | BIT | Transmitter, indicating, burner | 5.1 | I&C |
| XMTR | BRT | Transmitter, recording, burner | 5.1 | I&C |
| XMTR | BT | Transmitter, burner  | 5.1 | I&C |
| XMTR | CIT | Transmitter, indicating, conductivity | 5.1 | I&C |
| XMTR | CT | Transmitter, conductivity | 5.1 | I&C |
| XMTR | EIT | Transmitter, indicating, voltage | 5.1 | I&C |
| XMTR | ERT | Transmitter, recording, voltage | 5.1 | I&C |
| XMTR | ET | Transmitter, voltage | 5.1 | I&C |
| XMTR | FFT | Transmitter, flow, ratio | 5.1 | I&C |
| XMTR | FIT | Transmitter, indicating, flow | 5.1 | I&C |
| XMTR | FQIT | Transmitter, indicating, flow, quantity | 5.1 | I&C |
| XMTR | FQT | Transmitter, flow, totalizer | 5.1 | I&C |
| XMTR | FRT | Transmitter, recording, flow | 5.1 | I&C |
| XMTR | FT | Transmitter, flow | 5.1 | I&C |
| XMTR | IIT | Transmitter, indicating, current | 5.1 | I&C |
| XMTR | IRT | Transmitter, recording, current | 5.1 | I&C |
| XMTR | IT | Transmitter, current | 5.1 | I&C |
| XMTR | JIT | Transmitter, indicating, power | 5.1 | I&C |
| XMTR | JRT | Transmitter, recording, power | 5.1 | I&C |
| XMTR | JT | Transmitter, power | 5.1 | I&C |
| XMTR | JWHT | Transmitter, power, watt-hour | 5.1 | I&C |
| XMTR | KIT | Transmitter, indicating, time | 5.1 | I&C |
| XMTR | KQT | Transmitter, time, totalized | 5.1 | I&C |
| XMTR | KRT | Transmitter, recording, time | 5.1 | I&C |
| XMTR | KT | Transmitter, time  | 5.1 | I&C |
| XMTR | LIT | Transmitter, indicating, level | 5.1 | I&C |
| XMTR | LRT | Transmitter, recording, level | 5.1 | I&C |
| XMTR | LT | Transmitter, level | 5.1 | I&C |
| XMTR | MIT | Transmitter, indicating, moisture | 5.1 | I&C |
| XMTR | MT | Transmitter, moisture | 5.1 | I&C |
| XMTR | PAT | Transmitter, pressure and temperature |  | I&C |
| XMTR | PDIT | Transmitter, indicating, differential pressure | 5.1 | I&C |
| XMTR | PDRT | Transmitter, recording, differential pressure | 5.1 | I&C |
| XMTR | PDT | Transmitter, differential pressure | 5.1 | I&C |
| XMTR | PIT | Transmitter, indicating, pressure | 5.1 | I&C |
| XMTR | PRT | Transmitter, recording, pressure | 5.1 | I&C |
| XMTR | PT | Transmitter, pressure | 5.1 | I&C |
| XMTR | QIT | Transmitter, indicating, quantity | 5.1 | I&C |
| XMTR | QRT | Transmitter, recording, quantity | 5.1 | I&C |
| XMTR | QT | Transmitter, quantity  | 5.1 | I&C |
| XMTR | RIT | Transmitter, indicating, radiation | 5.1 | I&C |
| XMTR | RRT | Transmitter, recording, radiation | 5.1 | I&C |
| XMTR | RT | Transmitter, radiation | 5.1 | I&C |
| XMTR | SIT | Transmitter, indicating, speed | 5.1 | I&C |
| XMTR | SRT | Transmitter, recording, speed | 5.1 | I&C |
| XMTR | ST@ | Transmitter, speed | 5.1 | I&C |
| XMTR | TDIT | Transmitter, indicating, differential temperature | 5.1 | I&C |
| XMTR | TDRT | Transmitter, recording, differential temperature | 5.1 | I&C |
| XMTR | TDT | Transmitter, differential temperature | 5.1 | I&C |
| XMTR | TIT | Transmitter, indicating, temperature | 5.1 | I&C |
| XMTR | TRT | Transmitter, recording, temperature | 5.1 | I&C |
| XMTR | TT | Transmitter, temperature | 5.1 | I&C |
| XMTR | VIT | Transmitter, indicating, vibration | 5.1 | I&C |
| XMTR | VRT | Transmitter, recording, vibration analysis | 5.1 | I&C |
| XMTR | VT | Transmitter, vibration | 5.1 | I&C |
| XMTR | WDIT | Transmitter, indicating, force differential | 5.1 | I&C |
| XMTR | WDRT | Transmitter, recording, force differential | 5.1 | I&C |
| XMTR | WDT | Transmitter, force differential  | 5.1 | I&C |
| XMTR | WIT | Transmitter, indicating, weight or force | 5.1 | I&C |
| XMTR | WRT | Transmitter, recording, weight or force | 5.1 | I&C |
| XMTR | WT | Transmitter, weight or force  | 5.1 | I&C |
| XMTR | XIT | Transmitter, indicating, special | 5.1 | I&C |
| XMTR | XT | Transmitter, special | 5.1 | I&C |
| XMTR | YT | Transmitter, presence or state  | 5.1 | I&C |
| XMTR | ZDIT | Transmitter, indicating, deviation | 5.1 | I&C |
| XMTR | ZDRT | Transmitter, recording, deviation | 5.1 | I&C |
| XMTR | ZDT | Transmitter, deviation  | 5.1 | I&C |
| XMTR | ZIT | Transmitter, indicating, position | 5.1 | I&C |
| XMTR | ZRT | Transmitter, recording, position | 5.1 | I&C |
| XMTR | ZT | Transmitter, zone or position | 5.1 | I&C |
| XRAY | XRAY | X-ray (security or process) | 803.1 | El Util Dwgs |

**Summary of Changes from 08/10/2020 Rev**

Added clarification for Type ADA that it includes stair climber or stair lift.

Deleted APLNCE/DWSH, Kitchen Appliances, dishwasher. It is covered under DSHW.

Added ANLYZR/XRF, X-ray fluorescence spectrometer

Added Subtype BARM, Moisture barrier, under Type BARR.

Under BASIN/BSIN, added clarification that “Basins are open, such as the pools at the Otowi building. Berms surround something such as a tank to control spills/leaks.”

Changed Subtype CB to CRB, CIRCULATOR, HEATED OR REFRIGERATED BATH, under the Type of BATH to preclude having duplicate subtypes of CB.

Changed BATERY to BATTRY for subtypes CB and BB

Under Type BUSDCT, changed Subtype from DB to DBD.

Changed Subtype DB, Density Bath, to DBH

Replaced Subtypes of BEAM with just BEAM/BEAM.

Under BERM/BERM, added clarification “Surrounds something such as a tank or building to control spills/leaks”.

Deleted VALVE/BV, Valve, ball.

Changed Type CABINET to CABNET.

Added ALARM/CALM, Alarm, continuous air monitors

Added Subtypes CNST (construction) and FNSH (finish) to Type CEILNG to link records with Builder records.

Clarified CEILNG/CLNG that it is for seismic mounting.

Added clarification information to BERM/BERM: Surrounds something such as a tank or building to control spills/leaks

Deleted COMM/MBRM, Message board, permanent

Deleted COMM/MBRT, Message board, portable

Deleted the following controller Subtypes as they are not used in MEL:

|  |  |  |
| --- | --- | --- |
| ~~CNTLR~~ | ~~AIC~~ | ~~Control, indicating, analyzer~~ |
| ~~CNTLR~~ | ~~ARC~~ | ~~Control, recording, analyzer~~ |
| ~~CNTLR~~ | ~~BIC~~ | ~~Control, indicating, burner~~ |
| ~~CNTLR~~ | ~~BRC~~ | ~~Control, recording, burner~~ |
| ~~CNTLR~~ | ~~CC~~ | ~~Control, conductivity~~ |
| ~~CNTLR~~ | ~~CIC~~ | ~~Control, indicating, conductivity~~ |
| ~~CNTLR~~ | ~~CRC~~ | ~~Control, recording, conductivity~~ |
| ~~CNTLR~~ | ~~EC~~ | ~~Control, voltage~~ |
| ~~CNTLR~~ | ~~EIC~~ | ~~Control, indicating, voltage~~ |
| ~~CNTLR~~ | ~~ERC~~ | ~~Control, recording, voltage~~ |
| ~~CNTLR~~ | ~~FFC~~ | ~~Control, flow, ratio~~ |
| ~~CNTLR~~ | ~~FFIC~~ | ~~Control, indicating, flow ratio~~ |
| ~~CNTLR~~ | ~~FFRC~~ | ~~Control, recording, flow, ratio~~ |
| ~~CNTLR~~ | ~~FIC~~ | ~~Control, indicating, flow~~ |
| ~~CNTLR~~ | ~~FQIC~~ | ~~Control, indicating, flow, quantity~~ |
| ~~CNTLR~~ | ~~FQRC~~ | ~~Control, recording, flow, quantity~~ |
| ~~CNTLR~~ | ~~FRC~~ | ~~Control, recording, flow~~ |
| ~~CNTLR~~ | ~~HC~~ | ~~Control, hand~~ |
| ~~CNTLR~~ | ~~HIC~~ | ~~Control, indicating, hand~~ |
| ~~CNTLR~~ | ~~IC~~ | ~~Control, current~~ |
| ~~CNTLR~~ | ~~IIC~~ | ~~Control, indicating, current~~ |
| ~~CNTLR~~ | ~~IRC~~ | ~~Control, recording, current~~ |
| ~~CNTLR~~ | ~~JIC~~ | ~~Controller, indicating, power~~ |
| ~~CNTLR~~ | ~~JRC~~ | ~~Controller, recording, power~~ |
| ~~CNTLR~~ | ~~KIC~~ | ~~Controller, indicating, time~~ |
| ~~CNTLR~~ | ~~KRC~~ | ~~Controller, recording, time~~ |
| ~~CNTLR~~ | ~~LRC~~ | ~~Controller, recording, level~~ |
| ~~CNTLR~~ | ~~MIC~~ | ~~Controller, indicating, moisture~~ |
| ~~CNTLR~~ | ~~MRC~~ | ~~Controller, recording, moisture~~ |
| ~~CNTLR~~ | ~~PDRC~~ | ~~Controller, recording, differential pressure~~ |
| ~~CNTLR~~ | ~~PRC~~ | ~~Controller, recording, pressure~~ |
| ~~CNTLR~~ | ~~QIC~~ | ~~Controller, indicating, quantity~~ |
| ~~CNTLR~~ | ~~QRC~~ | ~~Controller, recording, quantity~~ |
| ~~CNTLR~~ | ~~RC~~ | ~~Controller, radiation~~ |
| ~~CNTLR~~ | ~~RIC~~ | ~~Controller, indicating, radiation~~ |
| ~~CNTLR~~ | ~~RRC~~ | ~~Controller, recording, radiation~~ |
| ~~CNTLR~~ | ~~SC~~ | ~~Controller, speed~~ |
| ~~CNTLR~~ | ~~SRC~~ | ~~Controller, recording, speed~~ |
| ~~CNTLR~~ | ~~TDC~~ | ~~Controller, differential temperature~~ |
| ~~CNTLR~~ | ~~TDIC~~ | ~~Controller, indicating, differential temperature~~ |
| ~~CNTLR~~ | ~~TDRC~~ | ~~Controller, recording, differential temperature~~ |
| ~~CNTLR~~ | ~~WC~~ | ~~Controller, weight or force~~ |
| ~~CNTLR~~ | ~~WDC~~ | ~~Controller, force differential~~ |
| ~~CNTLR~~ | ~~WDIC~~ | ~~Controller, indicating, force differential~~ |
| ~~CNTLR~~ | ~~WDRC~~ | ~~Controller, recording, force differential~~ |
| ~~CNTLR~~ | ~~WIC~~ | ~~Controller, indicating, weight or force~~ |
| ~~CNTLR~~ | ~~WRC~~ | ~~Controller, recording, weight or force~~ |
| ~~CNTLR~~ | ~~XIC~~ | ~~Controller, indicating, special~~ |
| ~~CNTLR~~ | ~~XRC~~ | ~~Controller, recording, special~~ |
| ~~CNTLR~~ | ~~ZDC~~ | ~~Controller, deviation~~ |
| ~~CNTLR~~ | ~~ZDIC~~ | ~~Controller, indicating, deviation~~ |
| ~~CNTLR~~ | ~~ZDRC~~ | ~~Controller, recording, deviation~~ |
| ~~CNTLR~~ | ~~ZIC~~ | ~~Controller, indicating, zone or position~~ |
| ~~CNTLR~~ | ~~ZRC~~ | ~~Controller, recording, position~~ |

Deleted all of the following since there are none in MEL:

|  |  |  |
| --- | --- | --- |
| ~~CNTLRO~~ | ~~ACO~~ | ~~Controller operator, analyzer~~ |
| ~~CNTLRO~~ | ~~CCO~~ | ~~Controller operator, conductivity~~ |
| ~~CNTLRO~~ | ~~FCO~~ | ~~Controller operator, flow~~ |
| ~~CNTLRO~~ | ~~HCO~~ | ~~Controller operator, hand~~ |
| ~~CNTLRO~~ | ~~LCO~~ | ~~Controller operator, level~~ |
| ~~CNTLRO~~ | ~~PCO~~ | ~~Controller operator, pressure~~ |
| ~~CNTLRO~~ | ~~PDCO~~ | ~~Controller operator, differential pressure~~ |
| ~~CNTLRO~~ | ~~SCO~~ | ~~Controller operator, speed~~ |
| ~~CNTLRO~~ | ~~TCO~~ | ~~Controller operator, temperature~~ |
| ~~CNTLRO~~ | ~~XCO~~ | ~~Controller operator, special~~ |
| ~~CNTLRS~~ | ~~AIK~~ | ~~Control station, indicating, analyzer~~ |
| ~~CNTLRS~~ | ~~ARK~~ | ~~Control station, recording, analyzer~~ |
| ~~CNTLRS~~ | ~~BIK~~ | ~~Control station, indicating, burner~~ |
| ~~CNTLRS~~ | ~~CIK~~ | ~~Control station, indicating, conductivity~~ |
| ~~CNTLRS~~ | ~~CRK~~ | ~~Control station, recording, conductivity~~ |
| ~~CNTLRS~~ | ~~EIK~~ | ~~Control station, indicating, voltage~~ |
| ~~CNTLRS~~ | ~~FIK~~ | ~~Control station, indicating, flow~~ |
| ~~CNTLRS~~ | ~~FRK~~ | ~~Control station, recording, flow~~ |
| ~~CNTLRS~~ | ~~IIK~~ | ~~Control station, indicating, current~~ |
| ~~CNTLRS~~ | ~~JIK~~ | ~~Control station, indicating, power~~ |
| ~~CNTLRS~~ | ~~LRK~~ | ~~Control station, recording, level~~ |
| ~~CNTLRS~~ | ~~MIK~~ | ~~Control station, indicating, moisture~~ |
| ~~CNTLRS~~ | ~~PDIK~~ | ~~Control station, indicating, differential pressure~~ |
| ~~CNTLRS~~ | ~~PDRK~~ | ~~Control station, recording, differential pressure~~ |
| ~~CNTLRS~~ | ~~SIK~~ | ~~Control station, indicating, speed~~ |
| ~~CNTLRS~~ | ~~TIK~~ | ~~Control station, indicating, temperature~~ |
| ~~CNTLRS~~ | ~~TRK~~ | ~~Control station, recording, temperature~~ |
| ~~CNTLRS~~ | ~~XIK~~ | ~~Control station, indicating, special~~ |
| ~~CNTLRS~~ | ~~XRK~~ | ~~Control station, recording, special~~ |

Replaced specific Subtypes of Columns material type with just CNST, Construction. The specifics of material type are in Builder.

|  |  |  |
| --- | --- | --- |
| ~~COLUMN~~ | ~~CCIP~~ | ~~Concrete, Cast in place~~ |
| ~~COLUMN~~ | ~~STL~~ | ~~Steel~~ |
| ~~COLUMN~~ | ~~WOOD~~ | ~~Wood~~ |
| COLUMN | CNST | Column, construction |

Deleted ALARM/CA, Alarm, conductivity

Added CONTMT type and sub-type SUMP.

Changed Type CNTMNT to CONTMT.

Added subtype TRAY under CONTNR.

Deleted CRANE/CS, Crane, shop. All should be some specific design or generic CRNE.

Added CVDSPH and CVDS for CVD sphere design

Replaced type DECKNG with ROOF/CNST and FLOOR/CNST.

|  |  |  |
| --- | --- | --- |
| ~~DECKNG~~ | ~~CCIP~~ | ~~Concrete, Cast in place, roof construction~~ |
| ~~DECKNG~~ | ~~CONC~~ | ~~Concrete, floor and roof construction~~ |
| ~~DECKNG~~ | ~~LGS~~ | ~~Light Gauge Steel, floor construction~~ |
| ~~DECKNG~~ | ~~METL~~ | ~~Metal, floor construction~~ |
| ~~DECKNG~~ | ~~PREC~~ | ~~Precast Concrete, floor and roof construction~~ |
| ~~DECKNG~~ | ~~STL~~ | ~~Steel~~ |
| ~~DECKNG~~ | ~~WOOD~~ | ~~Wood, floor and roof construction~~ |

CDD was moved from DISCNT to type SWITCH

Deleted DAMPER/DBD, Damper, Backdraft. Now all DAMPER/DMP.

Added Type DISP and Subtype DISP for display screens (read-out only)

Deleted the subtypes of materials for doors (aluminum, glass, wood, and steel).

Deleted Subtype “hangar door”.

Deleted LIFT/ELEV.

Added LIFT/EE, Elevator, electric, and LIFT EH, Elevator, hydraulic.

Added Subtype FFU, Fan-filter unit, under Type FAN.

Deleted Type FINISH and all of it’s subtypes. They were all replaced by applicable Type of CEILING, FLOOR, or WALL with Subtype of FNSH.

|  |  |  |
| --- | --- | --- |
| ~~FINISH~~ | ~~ACTL~~ | ~~Acoustic tile~~ |
| ~~FINISH~~ | ~~CARP~~ | ~~Carpet~~ |
| ~~FINISH~~ | ~~CTL~~ | ~~Ceramic Tile~~ |
| ~~FINISH~~ | ~~CONC~~ | ~~Concrete finish (e.g. bush hammer)~~ |
| ~~FINISH~~ | ~~EPOX~~ | ~~Epoxy~~ |
| ~~FINISH~~ | ~~FLTL~~ | ~~Floor Tile~~ |
| ~~FINISH~~ | ~~GYP~~ | ~~Gypsum~~ |
| ~~FINISH~~ | ~~MEMB~~ | ~~Membrane~~ |
| ~~FINISH~~ | ~~METL~~ | ~~Metal~~ |
| ~~FINISH~~ | ~~MBTL~~ | ~~Marble Tile~~ |
| ~~FINISH~~ | ~~PANL~~ | ~~Paneling~~ |
| ~~FINISH~~ | ~~PNT~~ | ~~Paint~~ |
| ~~FINISH~~ | ~~PLTR~~ | ~~Plaster~~ |
| ~~FINISH~~ | ~~POLY~~ | ~~Polyurethane~~ |
| ~~FINISH~~ | ~~PSTC~~ | ~~Plastic~~ |
| ~~FINISH~~ | ~~QTL~~ | ~~Quarry Tile~~ |
| ~~FINISH~~ | ~~RAIS~~ | ~~Raised Access~~ |
| ~~FINISH~~ | ~~SIDW~~ | ~~Siding, wood~~ |
| ~~FINISH~~ | ~~SIDM~~ | ~~Siding, metal~~ |
| ~~FINISH~~ | ~~SLRS~~ | ~~Sealer~~ |
| ~~FINISH~~ | ~~STL~~ | ~~Steel~~ |
| ~~FINISH~~ | ~~STON~~ | ~~Stone~~ |
| ~~FINISH~~ | ~~STUC~~ | ~~Stucco~~ |
| ~~FINISH~~ | ~~SUSP~~ | ~~Suspension System~~ |
| ~~FINISH~~ | ~~TILE~~ | ~~Tile, ceramic, marble, slate~~ |
| ~~FINISH~~ | ~~TRZO~~ | ~~Terrazzo~~ |
| ~~FINISH~~ | ~~VNYL~~ | ~~Vinyl~~ |
| ~~FINISH~~ | ~~WOOD~~ | ~~Wood~~ |
| ~~FINISH~~ | ~~WPPR~~ | ~~Wallpaper~~ |

Added SCR (for strainer) under FILTER.

Added BSP, Booster Power Supply, as Subtype under Type FIRDET.

Added Subtype MOD, Module, Fire Control Panel (located inside FCP with connections to items like detectors and such), under Type FIRDET.

Changed Subtype SPDE to SPDL. This is for deluge sprinkler systems.

Added Subtype XHOV, Fire protection Hand Operated Valve, under Type FIRSUP

Added clarification to FIRSUP/XFC: Also includes fill ports on fire suppression tanks

Deleted Type FLASH (flashing) and all of its Subtypes (ALUM, MTL, and UNK).

Added Type FLOOR and Subtypes CNST and FNSH.

Changed FOOTER, SPRD (Spread Footings) to a more generic Subtype of CNST.

Added FURNSH/FRNS, a generic for fixed seating, bleachers, window treatments, casework, etc.

Changed Type GLVBOX to CONTMNT.

Moved Type GRNDR, Grinder, to be part of Type SHOPEQ. Kept all existing subtypes of grinders.

Deleted HBACR/DIF, Diffuser.

Added type HOTC/HTC for hot cell

Deleted HVAC/VENT, Vent, as it is redundant to OS&S.

Deleted Types GUTTER and DWNSPT.

Added HX/ACL, Aftercooler

Added DSH (desuperheater) to HX (from previous SUPHTR)

Added Subtype ICLR (intercooler) to Type HX (from previous type INCLR)

Added subtype MDE to INDCTR

Added METER/MKH

Added Subtype SCPE, General Microscope, under Type MSCOPE.

Under Type OVEN, added Subtype RES, Electric resistance furnace/oven

Under Type OVEN, added Subtype TUBE, Tube within an oven (e.g., tubes in a calciner furnace)

Changed PLT/PLT to INSTMT/PLT

Added POTTY PAP for port-a-potty

Added Subtype SUPR, Electric power supply suppressor, under Type POWER.

Added PRD, Pressure Relief Device, as Subtype to Type PRSDEV.

Deleted Subtype PSE which was under Type PRSDEV.

Added PUMP/ACPV, Pump, vacuum, air cooled

Added RGD/RGD radiation generating device

Added ROOF/CNST and ROOF/COVR to replace all other subtypes under ROOF.

Added Subtype SEAL, Seals, gaskets, or “O” rings

Changed SENSOR/AE, Primary element, analyzer, to SNSOR/PAE.

Deleted SYSTEM/SMCS, SPRAY MIST COOLING SYSTEM, as there are none in MEL.

Moved Type TOOL to be part of Type SHOPEQ. Kept all existing subtypes of tools.

Added Subtype HV, Valve, Hand (use only where necessary to match tag), under Type VALVE.

Added Subtype VENT under Type VALVE to account for all non-HVAC vents

Added WINDOW/WNDW to replace all the previous Subtypes of windows.

Under the Type WINDOW, clarified that generic building windows are under Subtype WNDW, and that WDO is for specialized windows.

Added WINDOW/SKYL for skylight

Added Subtype PAT, Transmitter, pressure and temperature, under Type XMTR.

Added clarification to PEN/FP and PEN/WP: “See BARR/FIRE for fire barrier penetrations”.

Changed the Type from TOOL to SHOPEQ for the following Subtypes. There is no more Type TOOL.

* TQS, Screwdriver, torque
* TQW, Wrench, torque
* USC, Ultrasonic cleaner or bath

Changed TOOL/SG to FILTER/SG, Shaker, graphite

Added CONTNR/TDOP, Ten Drum Overpack

Added CONTNR/TRUP, TRUPACT-II and HALFPACT containers

Added SHOPEQ/ETCH, Etcher

Added SHOPEQ/PLSH, Polisher

Added FIRSUP/XBYP, Fire Riser Trim Bypass Valve

FIRSUP/XPI, Fire Pressure Indicator

FIRSUP XPS Pressure Switch

FIRSUP/XV,Fire Riser Trim Isolation/Test Valve