

LANL ESM Chapter 1 Section 230 Att 1  
 Equipment and Component IDs  
 Discipline-then-Name Sort  
 5/23/2017

Primary Discipline	Equipment/Component Name	ID
All	<b>Miscellaneous (consult Ch 1 POC before using)</b>	<b>MISC</b>
All	<b>System (for single CMMS entry for entire OPsystem or System)</b>	<b>SYS</b>
C/S/Arch	ADA ramp (bldg or sidewalk)	ADARMP
C/S/Arch	Armor plate (e.g., ceiling)	ARMPL
C/S/Arch	Automated external defibrillator	AED
C/S/Arch	Automated storage and retrieval (Lektriever, Kardex)	KARDEX
C/S/Arch	Barrier (rail, bollard, jersey, manual gate, etc.)	BARR
C/S/Arch	Basin or pond	BASIN
C/S/Arch	Berm	BERM
C/S/Arch	Bridge	BRDG
C/S/Arch	Building incl. office trailer	BLDG
C/S/Arch	Cage (wire/fence or restraint)	CAGE
C/S/Arch	Crack or Fissure in Building	CRACK
C/S/Arch	Crane, bridge	CTO
C/S/Arch	Crane, gantry	CTG
C/S/Arch	Crane, jib	CJ
C/S/Arch	Crane, monorail	CM
C/S/Arch	Crane, shop	CS
C/S/Arch	Curbing (asphalt, concrete)	CURB
C/S/Arch	Deck (e.g., bridge, roof)	DECK
C/S/Arch	Door	DR
C/S/Arch	Door, air curtain	DAC
C/S/Arch	Door, motorized	DM
C/S/Arch	Door, roll-up, electric	DRE
C/S/Arch	Door, roll-up, hydraulic	DRH
C/S/Arch	Door, roll-up, manual	DRM
C/S/Arch	Drawer	DWR
C/S/Arch	Dumbwaiter	DW
C/S/Arch	Elevator, electric	EE
C/S/Arch	Elevator, hydraulic	EH
C/S/Arch	Fall protection equipment	FPE
C/S/Arch	Fence	FEN
C/S/Arch	Gate, electric	GE
C/S/Arch	Gate, hydraulic	GH
C/S/Arch	Hoist or winch (TA55 only; others use specific kind)	HST
C/S/Arch	Hoist or winch, electric	HE
C/S/Arch	Hoist or winch, manual	HM
C/S/Arch	Hoist or winch, pneumatic/hyd	HP
C/S/Arch	Ice maker machine	IMM
C/S/Arch	Ladder	LADR
C/S/Arch	Lift (use specific where possible)	LFT

C/S/Arch	Lift station, sewage	SLS
C/S/Arch	Lift, wheelchair, inclined	LWI
C/S/Arch	Lift, wheelchair, vertical	LWV
C/S/Arch	Main, force, sewage	SMF
C/S/Arch	Manhole, electric	MHE
C/S/Arch	Manhole, steam	MHS
C/S/Arch	Manhole, waste water	MWW
C/S/Arch	Markings (pavement or otherwise)	MKGS
C/S/Arch	Message board, permanent	MBPERM
C/S/Arch	Message board, portable	MBPORT
C/S/Arch	Parking lot, paved	PKLOTP
C/S/Arch	Parking lot, unpaved	PKLOTU
C/S/Arch	Pavement (ashpalt, concrete), pad, or slab	PAVEMT
C/S/Arch	Penetration, floor or ceiling	FP
C/S/Arch	Penetration, Wall or roof	WP
C/S/Arch	Platform (fixed or moveable, but not lifting type)	PLATF
C/S/Arch	Plug (shield, cable, etc.)	PLUG
C/S/Arch	Rack	RACK
C/S/Arch	Rigging (slings, shackles, etc)	RGNG
C/S/Arch	Road & park lots, paved (legacy)	RPP
C/S/Arch	Road & park lots, unpaved (legacy)	RUP
C/S/Arch	Road block, electric	RBE
C/S/Arch	Road block, hydraulic	RBH
C/S/Arch	Road, local (incl. driveways)	RDLOC
C/S/Arch	Road, primary (arterial)	RDPRM
C/S/Arch	Road, secondary (collector)	RDSEC
C/S/Arch	Road, unpaved	RDUP
C/S/Arch	Roof section	RS
C/S/Arch	Shelves or shelf	SHLO
C/S/Arch	Shielding, radioactive or other (also see Plug)	SHLD
C/S/Arch	Sidewalk	SDWLK
C/S/Arch	Sign (traffic, reflectors, etc.)	SIGN
C/S/Arch	Sign, radar speed, permanent	RSPERM
C/S/Arch	Sign, radar speed, portable	RSPORT
C/S/Arch	Signal, traffic	TRSGNL
C/S/Arch	Soil (dirt cover)	SOIL
C/S/Arch	Substructure (e.g., bridge, slab, foundation)	SUBSTR
C/S/Arch	Superstructure (e.g., bridge)	SPRSTR
C/S/Arch	Traffic calming (hump, bump, table)	TRCALM
C/S/Arch	Trail	TRAIL
C/S/Arch	Tunnel	TUNNEL
C/S/Arch	Turntable	TTT
C/S/Arch	Wall	WALL
C/S/Arch	Wall, retaining	RETWAL
C/S/Arch	Weir gate, sludge	WGS
C/S/Arch	Wig-wag gate or testing tool	WW
C/S/Arch	Window (bldg, shield, or vessel)	WDO

El Util Dwgs	Circuit breaker, AC	52
El Util Dwgs	Circuit breaker, air (MV or HV)	CBA
El Util Dwgs	Circuit Breaker, Anode	7
El Util Dwgs	Circuit Breaker, DC	72
El Util Dwgs	Circuit Breaker, Equalizer	22
El Util Dwgs	Circuit Breaker, Field	41
El Util Dwgs	Circuit breaker, oil (MV or HV)	CBO
El Util Dwgs	Circuit Breaker, Running	42
El Util Dwgs	Circuit Breaker, Starting	6
El Util Dwgs	Contactactor, Field Changing	93
El Util Dwgs	Contactactor, Isolating	29
El Util Dwgs	Contactactor, Load-Resistor	73
El Util Dwgs	Contactactor, Master	4
El Util Dwgs	Contactactor, Starting-To-Running Transition	19
El Util Dwgs	Control Device, Permissive	69
El Util Dwgs	Detector, Flame (e.g., boiler)	28
El Util Dwgs	Device, Accelerating	18A
El Util Dwgs	Device, Apparatus Thermal	26
El Util Dwgs	Device, Bearing Protective	38
El Util Dwgs	Device, Brush-Operating or Slip-Ring Short Circuiting	35
El Util Dwgs	Device, Control Power Disconnecting	8
El Util Dwgs	Device, Decelerating	18D
El Util Dwgs	Device, Manual Trans/Select	43
El Util Dwgs	Device, Master Sequence	34
El Util Dwgs	Device, Notching or Jogging	66
El Util Dwgs	Device, Overspeed	12
El Util Dwgs	Device, Polarity or Polarizing Voltage	36
El Util Dwgs	Device, Reversing	9
El Util Dwgs	Device, Separate Excitation	31
El Util Dwgs	Device, Short-Circuiting or Grounding	57
El Util Dwgs	Device, Speed or Frequency Matching	15
El Util Dwgs	Device, Stopping	5
El Util Dwgs	Device, Synchronous Speed	13
El Util Dwgs	Device, Temperature Control	23
El Util Dwgs	Device, Underspeed	14
El Util Dwgs	Disconnect, hand-operated	DHO
El Util Dwgs	Disconnect, motor-operated	DMO
El Util Dwgs	Generator, Auxiliary Motor or Motor	88
El Util Dwgs	Governor	65
El Util Dwgs	Ground, overcurrent trip (see Relay, AC)	
El Util Dwgs	Line, electric, transmission	LET
El Util Dwgs	Master Element	1
El Util Dwgs	Mechanism, Position Changing	75
El Util Dwgs	Monitor, atmospheric condition	45
El Util Dwgs	Monitor, mechanical, condition	39

El Util Dwgs	Operating Mechanism	84
El Util Dwgs	Regulating Device	90
El Util Dwgs	Relay, AC Directional Overcurrent	67
El Util Dwgs	Relay, AC Reclosing	79
El Util Dwgs	Relay, AC Time Overcurrent	51
El Util Dwgs	Relay, Alarm	74
El Util Dwgs	Relay, Annunciator	30
El Util Dwgs	Relay, Automatic Selective Control or Transfer	83
El Util Dwgs	Relay, Blocking	68
El Util Dwgs	Relay, Carrier/Pilot-Wire Receiver	85
El Util Dwgs	Relay, Checking or Interlocking	3
El Util Dwgs	Relay, Current Balance	61
El Util Dwgs	Relay, DC Overcurrent	76
El Util Dwgs	Relay, DC Reclosing	82
El Util Dwgs	Relay, Differential Protective	87
El Util Dwgs	Relay, Directional Power	32
El Util Dwgs	Relay, Distance	21
El Util Dwgs	Relay, Exciter or DC Generator	53
El Util Dwgs	Relay, Field	40
El Util Dwgs	Relay, Field Application	56
El Util Dwgs	Relay, Frequency	81
El Util Dwgs	Relay, Ground Detector (Not CT Secondary)	64
El Util Dwgs	Relay, Incomplete Sequence	48
El Util Dwgs	Relay, Instantaneous Overcurrent (OC)	50
El Util Dwgs	Relay, Locking-Out	86
El Util Dwgs	Relay, Machine or Transformer Thermal	49
El Util Dwgs	Relay, Out-of-Step Protective Phase-Angle Measuring	78
El Util Dwgs	Relay, Overvoltage	59
El Util Dwgs	Relay, Phase Discordance Handling Unit	95
El Util Dwgs	Relay, Phase-Balance Current or Reverse-Phase	46
El Util Dwgs	Relay, Phase-Sequence Voltage	47
El Util Dwgs	Relay, Power Factor	55
El Util Dwgs	Relay, Rectifier Failure	58
El Util Dwgs	Relay, Static Breaker Failure	24
El Util Dwgs	Relay, Time-Delay Starting or Closing	2
El Util Dwgs	Relay, Time-Delay Starting or Closing	62
El Util Dwgs	Relay, Tripping	94
El Util Dwgs	Relay, Undercurrent or Underpower	37
El Util Dwgs	Relay, Undervoltage	27
El Util Dwgs	Relay, Unit Sequence Starting	44
El Util Dwgs	Relay, Voltage and Power Directional	92
El Util Dwgs	Relay, Voltage Directional	91
El Util Dwgs	Relay, Voltage or Current Balance	60

EI Util Dwgs	Rheostat	70
EI Util Dwgs	Static var compensator or control system	SVC
EI Util Dwgs	Switch, flow	80
EI Util Dwgs	Switch, level	71
EI Util Dwgs	Switch, line	89
EI Util Dwgs	Switch, position (HV)	33
EI Util Dwgs	Switch, pressure (HV)	63
EI Util Dwgs	Switch, shunting or discharge	17
EI Util Dwgs	Switch, Unit Sequence	10
EI Util Dwgs	Synchronizing or Synchronism-Check Drive	25
EI Util Dwgs	Tower, electric, PNM LA	TLA
EI Util Dwgs	Tower, electric, PNM MP	TMP
EI Util Dwgs	Tower, electric, PNM NL	TNL
EI Util Dwgs	Tower, electric, PNM TE	TTE
EI Util Dwgs	Transformer, power (HV)	XFRP
EI Util Dwgs	Transmitter, Pulse	77
EI Util Dwgs	Valve, electrically operated	20
Elec	Air terminal (e.g., LPS)	ATERM
Elec	Amplifier	AMP
Elec	Battery or battery box	BTRY
Elec	Battery, banked	BB
Elec	Board (circuit, etc.)	BD
Elec	Box, junction	JBOX
Elec	breaker, circuit -- see circuit breaker	
Elec	Bus duct (aboveground) (TA-55 only uses as drop box)	DB
Elec	Bus Plug	DBPL
Elec	Bus, substation (HV)	SSBU
Elec	Button, Push (switch)	BTN
Elec	Cabinet (including control)	CAB
Elec	Capacitor, non-pad mounted	CAP
Elec	Capacitor, pad mounted	CPMD
Elec	Charger, battery	CB
Elec	Circuit breaker, enclosed (individual MCCB NEMA AB 1, often used as disconnect)	CBE
Elec	Circuit breaker, gas (MV or HV)	CBG
Elec	Circuit breaker, insulated case (in a LV swbd)	ICCB
Elec	Circuit breaker, low voltage power (draw-out mounted power CB in ANSI-rated LV swgr)	LVPCB
Elec	Circuit breaker, molded-case in pnld or swbd	MCCB
Elec	Circuit breaker, vacuum (MV or HV)	CBV
Elec	Circuit, electric, overhead	CEO
Elec	Circuit, electric, underground	CEU
Elec	Contactorm	CNTR
Elec	Disconnect, circuit (enclosed switch, safety switch)	CDD
Elec	Distribution Bus Duct	DBD

Elec	Drive, variable frequency	VFD
Elec	Element (electric, heating, etc.)	ELEM
Elec	Exciter	EXC
Elec	Exit Sign Non-Tritium (see Light, non-tritium)	
Elec	Exit Sign Tritium (see Light, tritium)	
Elec	Fuse	FU
Elec	Generator	GEN
Elec	Generator, diesel engine	GDE
Elec	Generator, motor	MG
Elec	Generator, natural gas engine	GNE
Elec	Generator, permanent magnet	PMG
Elec	Generator, steam driven	GNS
Elec	Ground Fault Circuit Interrupter	GFCI
Elec	Inverter	INVT
Elec	Junction Box (see Box, junction)	
Elec	Light, emergency	LTE
Elec	Light, emergency/exit sign combo	LTCOMB
Elec	Light, exit sign, lit (non-tritium/not self-luminous)	LTNT
Elec	Light, exit sign, tritium or other self-luminous	LTET
Elec	Light, street	LSS
Elec	Lighting fixture	LF
Elec	Lighting Panel (see Panel, lighting)	
Elec	Lighting, incandescent	LN
Elec	Lightning protection	LPT
Elec	Load bank, resistance	RLB
Elec	Mixer (e.g., PA)	MIX
Elec	Motor	MO
Elec	Motor control center	MCC
Elec	Motor starter (see Starter, motor)	
Elec	Outlet, non-telephone	OUT
Elec	Panel, emergency power	EP
Elec	Panel, lighting (legacy; use PP now)	LP
Elec	Panel, power	PP
Elec	Panel, power, direct current	PPDC
Elec	Phase shifting device	PSD
Elec	Photovoltaic panel	PVPANL
Elec	Pole, electrical distribution	PE
Elec	Power distribution unit	PDU
Elec	Power Panel (see Panel, power)	
Elec	Rectifier	RECT
Elec	Regulator, voltage	RV
Elec	Relay or Relay Module (TA-55 only, others use specific type)	RLY
Elec	Relay, protective	PR
Elec	Speaker	SPK
Elec	Starter, motor	MSTR
Elec	Starter, pneumatic	PSTART
Elec	Substation (HV)	SUB
Elec	Substation, unit, secondary	SUS

	[integrated assy w/ fused MV interrupter switch(es), power xfmr(s), swgear, breakers, and a LV swgear assy.]	
Elec	Surge protective device (lightning suppressor or arrester, all voltages)	SPDE
Elec	Switch, Automatic Transfer (see Switch, Transfer, Auto)	
Elec	Switch, enclosed (see Disconnect, circuit)	
Elec	Switch, manual transfer (see Switch, transfer, man)	
Elec	Switch, pad mounted (MV, has 1 or more interrupter switches)	SPM
Elec	Switch, transfer, automatic	ATS
Elec	Switch, transfer, manual	MTS
Elec	Switch, transformer	ST
Elec	Switch, vacuum	SV
Elec	Switchboard (NEMA)	SWBD
Elec	Switchgear (ANSI) with either breakers or fused interrupter switches	SWGR
Elec	Telecom or data jack, or phone itself	TEL
Elec	Television	TELE
Elec	Transformer (LV, 480 or less)	XFMR
Elec	Transformer, distribution (MV)	XFRD
Elec	Transformer, rectifier	XFRR
Elec	Uninterruptible power supply	UPS
Fire Prot	Actuator, fire device	AFD
Fire Prot	Battery, fire control panel	FCPB
Fire Prot	Box, pull	PBX
Fire Prot	Damper, fire	DF
Fire Prot	Damper, smoke (some legacy use as door switch, now use BMS)	DS
Fire Prot	Detector, heat (but XTS preferred)	HD
Fire Prot	Detector, Heat (XTS preferred)	XTS
Fire Prot	Detector, smoke	SMD
Fire Prot	Detector, smoke, high sensitivity (incl. aspirating)	HSSD
Fire Prot	Door, fire, electrical	FDE
Fire Prot	Door, fire, mechanical	FDF
Fire Prot	Door, fire, structural	FDC
Fire Prot	Extinguisher, fire	EXT
Fire Prot	Fill cup, sprinkler standpipe (funnel)	XFC
Fire Prot	Fire department connection	FDC@
Fire Prot	Fire extinguishing agent, Class D	FEACLD
Fire Prot	Fire suppression dry chemical	FSDC
Fire Prot	Fire suppression extinguishing system, gaseous or halon	EXS
Fire Prot	Fire suppression hybrid water/inert	FSHWI
Fire Prot	Fire suppression wet chemical	FSWC
Fire Prot	Fire suppression wet foam	FSWF
Fire Prot	Fire suppression wet foam preaction	FSWFA

Fire Prot	Hydrant	HYD
Fire Prot	Inspector Test Valve -- see Valve, Inspector's Test	
Fire Prot	Notification appliance, audio	NAA
Fire Prot	Notification appliance, audio visual	NAAV
Fire Prot	Notification appliance, visual	NAV
Fire Prot	Panel, control, fire alarm	FCP
Fire Prot	Panel, control, halon	HCP
Fire Prot	Pull Station, Fire Alarm (TA-55 only, others use pull box-- pbx)	XHS
Fire Prot	Pump, fire protection	PFP
Fire Prot	Smoke detector (see Detector, smoke)	
Fire Prot	Sprinkler (head)	SRNK
Fire Prot	Sprinkler, anti-freeze	SPF
Fire Prot	Sprinkler, deluge	SPDEL
Fire Prot	Sprinkler, dry pipe	SPD
Fire Prot	Sprinkler, dry/preaction combined	SPDA
Fire Prot	Sprinkler, preaction	SPA
Fire Prot	Sprinkler, wet pipe	SPW
Fire Prot	Standpipe	SPH
Fire Prot	Standpipe, dry (manual)	SPHD
Fire Prot	Switch, tamper (TA-55 only, others use switch, pos -- ZS)	XZS
Fire Prot	Valve, Air Vent	XVV
Fire Prot	Valve, Alarm Check	XVAC
Fire Prot	Valve, inspector's test	XVIT
Fire Prot	Valve, outside screw & yoke	OSY
Fire Prot	Valve, post indicating	PIV
Fire Prot	Valve, post indicating, annunciated	PIVA
Fire Prot	Water Motor Gong (flow alarm)	XWMG
I&C	Alarm	ALM
I&C	Alarm, access, red-light	RLT
I&C	Alarm, analyzer	AA
I&C	Alarm, carbon monoxide	ALC
I&C	Alarm, combustible gas	AGA
I&C	Alarm, conductivity	CA@
I&C	Alarm, current	IA
I&C	Alarm, differential pressure	PDA
I&C	Alarm, flow	FA
I&C	Alarm, level	LA
I&C	Alarm, moisture	MA
I&C	Alarm, oxygen, indicating	OIA
I&C	Alarm, power	JA
I&C	Alarm, pressure	PA
I&C	Alarm, radiation	RA
I&C	Alarm, special (incl. refrigerant monitors and fire alarms at TA-55)	XA
I&C	Alarm, speed	SA
I&C	Alarm, temperature	TA
I&C	Alarm, vibration	VA
I&C	Alarm, voltage	EA

I&C	Alarm, zone or position	ZA
I&C	Analysis element (see Primary element, analyzer)	
I&C	Analyzer or analytical instrument (when more specific does not exist)	ANLYZR
I&C	Analyzer, oxygen	OI
I&C	Annunciator	ANN
I&C	Beta or Beta/Gamma Detector (see Primary element, radiation)	
I&C	Burner Element (see Primary element, burner)	
I&C	Cathode ray tube (see Terminal...)	
I&C	Central processing unit (computer)	CPU
I&C	Chassis (including ethernet)	CHAS
I&C	Communication, Special	COMX
I&C	Continuous Air Monitor (CAM) Supervisor Module	CSM
I&C	Continuous Air Monitor (see Monitor, continuous air)	
I&C	Control operator, analyzer	ACO
I&C	Control operator, conductivity	CCO
I&C	Control operator, differential pressure	PDCO
I&C	Control operator, flow	FCO
I&C	Control operator, hand	HCO
I&C	Control operator, level	LCO
I&C	Control operator, pressure	PCO
I&C	Control operator, special	XCO
I&C	Control operator, speed	SCO
I&C	Control operator, temperature	TCO
I&C	Control panel -- see Panel, control	
I&C	Control station, indicating, analyzer	AIK
I&C	Control station, indicating, burner	BIK
I&C	Control station, indicating, conductivity	CIK
I&C	Control station, indicating, current	IIK
I&C	Control station, indicating, differential pressure	PDIK
I&C	Control station, indicating, flow	FIK
I&C	Control station, indicating, moisture	MIK
I&C	Control station, indicating, power	JIK
I&C	Control station, indicating, special	XIK
I&C	Control station, indicating, speed	SIK
I&C	Control station, indicating, temperature	TIK
I&C	Control station, indicating, voltage	EIK
I&C	Control station, recording, analyzer	ARK
I&C	Control station, recording, conductivity	CRK
I&C	Control station, recording, differential pressure	PDRK
I&C	Control station, recording, flow	FRK
I&C	Control station, recording, level	LRK
I&C	Control station, recording, special	XRK

I&C	Control station, recording, temperature	TRK
I&C	Control, analyzer	AC
I&C	Control, burner	BC
I&C	Control, conductivity	CC
I&C	Control, current	IC
I&C	Control, deviation	ZDC
I&C	Control, differential pressure	PDC
I&C	Control, differential temperature	TDC
I&C	Control, flow	FC@
I&C	Control, flow, ratio	FFC
I&C	Control, force differential	WDC
I&C	Control, hand	HC
I&C	Control, indicating, analyzer	AIC
I&C	Control, indicating, burner	BIC
I&C	Control, indicating, conductivity	CIC
I&C	Control, indicating, current	IIC
I&C	Control, indicating, deviation	ZDIC
I&C	Control, indicating, differential pressure	PDIC
I&C	Control, indicating, differential temperature	TDIC
I&C	Control, indicating, flow	FIC
I&C	Control, indicating, flow ratio	FFIC
I&C	Control, indicating, flow, quantity	FQIC
I&C	Control, indicating, force differential	WDIC
I&C	Control, indicating, hand	HIC
I&C	Control, indicating, level	LIC
I&C	Control, indicating, moisture	MIC
I&C	Control, indicating, power	JIC
I&C	Control, indicating, presence or state	YIC
I&C	Control, indicating, pressure	PIC
I&C	Control, indicating, quantity	QIC
I&C	Control, indicating, radiation	RIC
I&C	Control, indicating, special	XIC
I&C	Control, indicating, speed	SIC
I&C	Control, indicating, temperature	TIC
I&C	Control, indicating, time	KIC
I&C	Control, indicating, voltage	EIC
I&C	Control, indicating, weight or force	WIC
I&C	Control, indicating, zone or position	ZIC
I&C	Control, level	LC
I&C	Control, moisture	MC@
I&C	Control, power	JC
I&C	Control, presence or state	YC
I&C	Control, pressure	PC@
I&C	Control, radiation	RC
I&C	Control, recording, analyzer	ARC
I&C	Control, recording, burner	BRC

I&C	Control, recording, conductivity	CRC
I&C	Control, recording, current	IRC
I&C	Control, recording, deviation	ZDRC
I&C	Control, recording, differential pressure	PDRC
I&C	Control, recording, differential temperature	TDRC
I&C	Control, recording, flow	FRC
I&C	Control, recording, flow, quantity	FQRC
I&C	Control, recording, flow, ratio	FFRC
I&C	Control, recording, force differential	WDRC
I&C	Control, recording, level	LRC
I&C	Control, recording, moisture	MRC
I&C	Control, recording, position	ZRC
I&C	Control, recording, power	JRC
I&C	Control, recording, pressure	PRC
I&C	Control, recording, quantity	QRC
I&C	Control, recording, radiation	RRC
I&C	Control, recording, special	XRC
I&C	Control, recording, speed	SRC
I&C	Control, recording, temperature	TRC@
I&C	Control, recording, time	KRC
I&C	Control, recording, voltage	ERC
I&C	Control, recording, weight or force	WRC
I&C	Control, special	XC
I&C	Control, speed	SC
I&C	Control, temperature	TC@
I&C	Control, time	KC
I&C	Control, voltage	EC
I&C	Control, weight or force	WC
I&C	Control, zone or position	ZC
I&C	Controller (TA55 use only, others use specific kind)	CNTRLR
I&C	Controller, pneumatic (phasing out; note, CP=control panel at TA-55)	CP
I&C	Controller, pneumatic, flow	CPF
I&C	Controller, programmable logic	PLC
I&C	Converter	CNV
I&C	Criticality Alarm Sys (CAS) Detector	CASD
I&C	Criticality Alarm Sys (CAS) Ratemeter	CASR
I&C	Data Acquisition	DAQ
I&C	Detector, radiation (see Primary Element, radiation)	
I&C	Device, network communication	NCD
I&C	Equipment, surveillance	ESS
I&C	external	TBLK
I&C	Final element, analyzer	AV
I&C	Final element, burner	BZ
I&C	Final element, current	IZ
I&C	Final element, deviation	ZDV

I&C	Final element, differential pressure	PDV
I&C	Final element, differential temperature	TDV
I&C	Final element, flow, quantity	FQV
I&C	Final element, flow, rate	FV
I&C	Final element, flow, ratio	FFV
I&C	Final element, force differential	WDZ
I&C	Final element, hand	HV@
I&C	Final element, level	LV
I&C	Final element, multivariable	UV
I&C	Final element, position	ZV
I&C	Final element, power	JV
I&C	Final element, presence or state	YZ
I&C	Final element, pressure	PV@
I&C	Final element, quantity	QZ
I&C	Final element, radiation	RZ
I&C	Final element, speed	SV@
I&C	Final element, temperature	TV@
I&C	Final element, time	KV@
I&C	Final element, vibration analysis	VZ
I&C	Final element, voltage	EZ
I&C	Final element, weight or force	WZ
I&C	Fixed Head Air Sampler	FAS
I&C	Flasher	FLASHR
I&C	Fusible Link (see Safety device, temperature)	
I&C	Indicator, analyzer	AI
I&C	Indicator, burner	BI
I&C	Indicator, conductivity	CI
I&C	Indicator, current	II
I&C	Indicator, deviation	ZDI
I&C	Indicator, differential temperature	TDI
I&C	Indicator, flow	FI
I&C	Indicator, flow, ratio	FFI
I&C	Indicator, flow, totalized	FQI
I&C	Indicator, force differential	WDI
I&C	Indicator, ground	GI
I&C	Indicator, level	LI
I&C	Indicator, moisture	MI
I&C	Indicator, multivariable	UI
I&C	Indicator, pH	PHI
I&C	Indicator, power	JI
I&C	Indicator, presence or state	YI
I&C	Indicator, pressure	PI
I&C	Indicator, pressure differential	PDI
I&C	Indicator, quantity	QI
I&C	Indicator, radiation	RI
I&C	Indicator, special	XI
I&C	Indicator, speed	SI
I&C	Indicator, temperature	TI
I&C	Indicator, time	KI

I&C	Indicator, time, totalized	KQI
I&C	Indicator, vibration	VI
I&C	Indicator, voltage	EI
I&C	Indicator, weight or force	WI
I&C	Indicator, zone or position	ZI
I&C	Instrument (legacy RLUOB R&D only; when new use true functional ID)	IN
I&C	Intercom	ICOM
I&C	Interlock, laser	LIL
I&C	Keyboard	KYBD
I&C	Light, hand	HL
I&C	Logic control chassis	LCC
I&C	Meter (generic)	MTR
I&C	Meter, humidity or temperature	MHT
I&C	Meter, water	MW
I&C	Microphone	MIKE
I&C	Modifier, analyzer	AM
I&C	Modifier, conductivity	CM@
I&C	Modifier, current	IM
I&C	Modifier, differential pressure	PDM
I&C	Modifier, differential temperature	TDM
I&C	Modifier, flow	FM
I&C	Modifier, flow, ratio	FFM
I&C	Modifier, flow, totalizer	FQM
I&C	Modifier, indicating, pressure	PIM
I&C	Modifier, level	LM
I&C	Modifier, moisture	MM@
I&C	Modifier, power	JM
I&C	Modifier, pressure	PM
I&C	Modifier, radiation	RM
I&C	Modifier, special	XM
I&C	Modifier, speed	SM
I&C	Modifier, temperature	TM
I&C	Modifier, vibration	VM@
I&C	Modifier, voltage	EM
I&C	Modifier, weight or force	WM
I&C	Modifier, zone or position	ZM
I&C	Monitor	MON
I&C	Monitor, continuous air	CAM
I&C	Monitor, continuous air- supervisor module (see CAM supervisor module)	
I&C	Multiplexer	MUX
I&C	Panel (TA-55 legacy; use specific where possible)	PL and PNL
I&C	Panel, control	CPL
I&C	Panel, control (TA55 only; others use CPL)	CP
I&C	Power supply, electric	JX
I&C	Primary element, analyzer	AE
I&C	Primary element, burner	BE

I&C	Primary element, conductivity	CE
I&C	Primary element, current	IE
I&C	Primary element, deviation	ZDE
I&C	Primary element, differential pressure	PDE
I&C	Primary element, flow	FE@
I&C	Primary element, flow, quantity	FQE
I&C	Primary element, force differential	WDE
I&C	Primary element, level	LE
I&C	Primary element, moisture	ME
I&C	Primary element, pH	PHE
I&C	Primary element, power	JE
I&C	Primary element, pressure	PE@
I&C	Primary element, quantity	QE
I&C	Primary element, radiation (beta, beta/gamma, etc.)	RE
I&C	Primary element, seismic	SESE
I&C	Primary element, special	XE
I&C	Primary element, speed	SE
I&C	Primary element, temperature (e.g., T/C, TC, TCP, thermocouple, thermistor)	TE
I&C	Primary element, time	KE
I&C	Primary element, vibration	VE
I&C	Primary element, voltage	EE@
I&C	Primary element, wear	WRE
I&C	Primary element, weight or force	WE
I&C	Primary element, zone or position	ZE
I&C	Printer or plotter	PRNT
I&C	Reader	RDR
I&C	Recorder, analyzer	AR
I&C	Recorder, burner	BR
I&C	Recorder, conductivity	CR@
I&C	Recorder, current	IR
I&C	Recorder, deviation	ZDR
I&C	Recorder, differential pressure	PDR
I&C	Recorder, differential temperature	TDR
I&C	Recorder, flow	FR
I&C	Recorder, flow, ratio	FFR
I&C	Recorder, flow, totalized	FQR
I&C	Recorder, force differential	WDR
I&C	Recorder, indicating, analyzer	AIR
I&C	Recorder, level	LR
I&C	Recorder, moisture	MR
I&C	Recorder, multivariable	UR
I&C	Recorder, position	ZR
I&C	Recorder, power	JR
I&C	Recorder, power, totalizing (incl watt-hr mtr)	JQR
I&C	Recorder, presence or state	YR
I&C	Recorder, pressure	PR@
I&C	Recorder, quantity	QR

I&C	Recorder, radiation	RR
I&C	Recorder, seismic	SESR
I&C	Recorder, special	XR
I&C	Recorder, speed	SR
I&C	Recorder, temperature	TR
I&C	Recorder, time	KR
I&C	Recorder, vibration	VR
I&C	Recorder, voltage	ER
I&C	Recorder, weight or force	WR
I&C	Relay, analyzer	AY
I&C	Relay, burner	BY
I&C	Relay, current	IY
I&C	Relay, deviation	ZDY
I&C	Relay, differential pressure	PDY
I&C	Relay, differential temperature	TDY
I&C	Relay, flow, quantity	FQY
I&C	Relay, flow, rate	FY
I&C	Relay, force differential	WDY
I&C	Relay, level	LY
I&C	Relay, multivariable	UY
I&C	Relay, position	ZY
I&C	Relay, power	JY
I&C	Relay, presence or state	YY
I&C	Relay, pressure	PY
I&C	Relay, quantity	QY
I&C	Relay, radiation	RY
I&C	Relay, speed	SY
I&C	Relay, temperature	TY
I&C	Relay, time	KY
I&C	Relay, vibration analysis	VY
I&C	Relay, voltage	EY
I&C	Relay, weight or force	WY
I&C	Remote I/O Adaptor Module	IOM
I&C	Remote terminal unit	RTU
I&C	Sampler, Fixed Head Air (see Fixed Head Air Sampler, FAS)	
I&C	Sensor, generic (use specific element where possible)	SNSR
I&C	Sight glass, burner	BG
I&C	Sight glass, flow	FG
I&C	Sight glass, level	LG
I&C	Siren	S
I&C	Solution assay instrument	SAI
I&C	Switch, analyzer	AS
I&C	Switch, analyzer, high	ASH
I&C	Switch, analyzer, high or low	ASHL
I&C	Switch, analyzer, low	ASL
I&C	Switch, burner, high	BSH
I&C	Switch, burner, high low	BSHL
I&C	Switch, burner, low	BSL
I&C	Switch, conductivity	CS@

I&C	Switch, current	IS
I&C	Switch, current, high	ISH
I&C	Switch, current, high or low	ISHL
I&C	Switch, current, low	ISL
I&C	Switch, deviation, high	ZDSH
I&C	Switch, deviation, low	ZDSL
I&C	Switch, flow	FS@
I&C	Switch, flow (TA-55, not preferred)	FSW
I&C	Switch, flow, high	FSH
I&C	Switch, flow, high or low	FSHL
I&C	Switch, flow, low	FSL
I&C	Switch, flow, quantity, high	FQSH
I&C	Switch, flow, quantity, low	FQSL
I&C	Switch, flow, ratio	FFS
I&C	Switch, flow, ratio, high	FFSH
I&C	Switch, flow, ratio, low	FFSL
I&C	Switch, flow, totalized	FQS
I&C	Switch, force differential, high	WDSH
I&C	Switch, force differential, low	WDSL
I&C	Switch, generic (use specific where possible)	SW
I&C	Switch, hand (single throw or push button; for selectors use hand-off-auto HOA)	HS
I&C	Switch, hand off auto or selector	HOA
I&C	Switch, indicating, analyzer	AIS
I&C	Switch, indicating, conductivity	CIS
I&C	Switch, indicating, current	IIS
I&C	Switch, indicating, flow	FIS
I&C	Switch, indicating, hand	HIS
I&C	Switch, indicating, level	LIS
I&C	Switch, indicating, moisture	MIS
I&C	Switch, indicating, pressure	PIS
I&C	Switch, indicating, pressure differential	PDIS
I&C	Switch, indicating, pressure differential, high	PDISH
I&C	Switch, indicating, pressure differential, low	PDISL
I&C	Switch, indicating, radiation	RIS
I&C	Switch, indicating, special	XIS
I&C	Switch, indicating, speed	SIS
I&C	Switch, indicating, temperature	TIS
I&C	Switch, indicating, time	KIS
I&C	Switch, indicating, totalizing, flow	FQIS
I&C	Switch, indicating, vibration	VIS
I&C	Switch, indicating, voltage	EIS
I&C	Switch, indicating, weight or force	WIS
I&C	Switch, indicating, zone or position	ZIS
I&C	Switch, level	LS
I&C	Switch, level, high	LSH
I&C	Switch, level, high or low	LSHL



I&C	Switch, level, low	LSL
I&C	Switch, moisture	MS@
I&C	Switch, position (limit), closed (ZSO if open)	ZSC
I&C	Switch, position (limit, including tamper or supervisory or supervised)	ZS
I&C	Switch, position, high	ZSH
I&C	Switch, position, high or low	ZSHL
I&C	Switch, position, low	ZSL
I&C	Switch, power	JS
I&C	Switch, power, high	JSH
I&C	Switch, power, high or low	JSHL
I&C	Switch, power, low	JSL
I&C	Switch, presence or state, high	YSH
I&C	Switch, presence or state, low	YSL
I&C	Switch, pressure	PS@
I&C	Switch, pressure differential	PDS
I&C	Switch, pressure differential, high	PDSH
I&C	Switch, pressure differential, low	PDSL
I&C	Switch, pressure, high	PSH
I&C	Switch, pressure, high or low	PSHL
I&C	Switch, pressure, low	PSL
I&C	Switch, quantity, high	QSH
I&C	Switch, quantity, high or low	QSHL
I&C	Switch, quantity, low	QSL
I&C	Switch, radiation, high	RSH
I&C	Switch, radiation, high or low	RSHL
I&C	Switch, radiation, low	RSL
I&C	Switch, recording, temperature	TRS@
I&C	Switch, speed	SS
I&C	Switch, speed, high	SSH
I&C	Switch, speed, high or low	SSHL
I&C	Switch, speed, low	SSL
I&C	Switch, temperature	TS@
I&C	Switch, temperature differential	TDS
I&C	Switch, temperature differential, high	TDSH
I&C	Switch, temperature differential, low	TDSL
I&C	Switch, temperature, high	TSH
I&C	Switch, temperature, high or low	TSHL
I&C	Switch, temperature, low	TSL
I&C	Switch, time, high	KSH
I&C	Switch, time, high or low	KSHL
I&C	Switch, time, low	KSL
I&C	Switch, timer	KS
I&C	Switch, transmitting, indicating, analyzer	AITS
I&C	Switch, vibration	VS
I&C	Switch, vibration, high	VSH
I&C	Switch, vibration, high or low	VSHL

I&C	Switch, vibration, low	VSL
I&C	Switch, voltage, high	ESH
I&C	Switch, voltage, high or low	ESHL
I&C	Switch, voltage, low	ESL
I&C	Switch, weight or force, high	WSH
I&C	Switch, weight or force, high or low	WSHL
I&C	Switch, weight or force, low	WSL
I&C	Synchroscope	SYN
I&C	Terminal or screen, cathode ray tube or solid state	CRT
I&C	Test point or port, analyzer	AP
I&C	Test point or port, burner	BP
I&C	Test point or port, flow	FP@
I&C	Test point or port, pressure	PP@
I&C	Test point or port, temperature	TP
I&C	Thermal neutron counter	TNC
I&C	Thermocouple (see Primary element, temperature)	
I&C	Thermostat	TH
I&C	Totalizer, current	IQ
I&C	Totalizer, flow	FQ
I&C	Totalizer, power, watt-hour	JWHQ
I&C	Totalizer, time	KQ
I&C	Totalizer, voltage	EQ
I&C	Transmitter, analyzer	AT
I&C	Transmitter, burner	BT
I&C	Transmitter, conductivity	CT
I&C	Transmitter, current	IT
I&C	Transmitter, deviation	ZDT
I&C	Transmitter, differential pressure	PDT
I&C	Transmitter, differential temperature	TDT
I&C	Transmitter, flow	FT
I&C	Transmitter, flow, ratio	FFT
I&C	Transmitter, flow, totalizer	FQT
I&C	Transmitter, force differential	WDT
I&C	Transmitter, indicating, analyzer	AIT
I&C	Transmitter, indicating, burner	BIT
I&C	Transmitter, indicating, conductivity	CIT
I&C	Transmitter, indicating, current	IIT
I&C	Transmitter, indicating, deviation	ZDIT
I&C	Transmitter, indicating, differential pressure	PDIT
I&C	Transmitter, indicating, differential temperature	TDIT
I&C	Transmitter, indicating, flow	FIT
I&C	Transmitter, indicating, flow, quantity	FQIT
I&C	Transmitter, indicating, force differential	WDIT
I&C	Transmitter, indicating, level	LIT
I&C	Transmitter, indicating, moisture	MIT
I&C	Transmitter, indicating, position	ZIT

I&C	Transmitter, indicating, power	JIT
I&C	Transmitter, indicating, pressure	PIT
I&C	Transmitter, indicating, quantity	QIT
I&C	Transmitter, indicating, radiation	RIT
I&C	Transmitter, indicating, special	XIT
I&C	Transmitter, indicating, speed	SIT
I&C	Transmitter, indicating, temperature	TIT
I&C	Transmitter, indicating, time	KIT
I&C	Transmitter, indicating, vibration	VIT
I&C	Transmitter, indicating, voltage	EIT
I&C	Transmitter, indicating, weight or force	WIT
I&C	Transmitter, level	LT
I&C	Transmitter, moisture	MT
I&C	Transmitter, power	JT
I&C	Transmitter, power, watt-hour	JWHT
I&C	Transmitter, presence or state	YT
I&C	Transmitter, pressure	PT
I&C	Transmitter, quantity	QT
I&C	Transmitter, radiation	RT
I&C	Transmitter, recording, analyzer	ART
I&C	Transmitter, recording, burner	BRT
I&C	Transmitter, recording, current	IRT
I&C	Transmitter, recording, deviation	ZDRT
I&C	Transmitter, recording, differential pressure	PDRT
I&C	Transmitter, recording, differential temperature	TDRT
I&C	Transmitter, recording, flow	FRT
I&C	Transmitter, recording, force differential	WDRT
I&C	Transmitter, recording, level	LRT
I&C	Transmitter, recording, position	ZRT
I&C	Transmitter, recording, power	JRT
I&C	Transmitter, recording, pressure	PRT
I&C	Transmitter, recording, quantity	QRT
I&C	Transmitter, recording, radiation	RRT
I&C	Transmitter, recording, speed	SRT
I&C	Transmitter, recording, temperature	TRT
I&C	Transmitter, recording, time	KRT
I&C	Transmitter, recording, vibration analysis	VRT
I&C	Transmitter, recording, voltage	ERT
I&C	Transmitter, recording, weight or force	WRT
I&C	Transmitter, special	XT
I&C	Transmitter, speed	ST@
I&C	Transmitter, temperature	TT
I&C	Transmitter, time	KT
I&C	Transmitter, time, totalized	KQT
I&C	Transmitter, vibration	VT
I&C	Transmitter, voltage	ET

I&C	Transmitter, weight or force	WT
I&C	Transmitter, zone or position	ZT
I&C	Trunked radio	TRNKED
I&C	Well, analyzer	AW
I&C	Well, burner	BW
I&C	Well, level	LW
I&C	Well, radiation	RW
I&C	Well, thermal (thermowell)	TW
M&TE	Balance or scale	BAL
M&TE	Counter, permanent (e.g., autos, not PCM)	CTPERM
M&TE	Counter, portable	CTPORT
M&TE	Electro corrector, gas	EG
M&TE	Equipment, Test (only when no specific applies)	TSTEQ
M&TE	Hand and foot monitor	HFM
M&TE	Leak detector or tester	GXT
M&TE	Load cell	LDC
M&TE	Mass Spectrometer or other	SPEC
M&TE	Meter, megohm	MMO
M&TE	Meter, multimeter, digital	MMD
M&TE	Meter, pH	MPH
M&TE	Personnel contamination monitor	PCM
M&TE	Pressure test rig (hydro/pneumo)	PTR
M&TE	Screwdriver, torque	TQS
M&TE	Test set, relay, overload, and or circuit breaker	CBT
M&TE	Tester, balance	GX
M&TE	Tester, gas (see Leak detector tester)	
M&TE	Tester, torque	TQT
M&TE	Wrench, torque	TQW
M&TE	X-ray (security or process)	XRAY
Mech	Actuator	ACTR
Mech	After cooler	ACL
Mech	Agitator	AGT
Mech	Air conditioner, refrigerant	ACR
Mech	Air sampler, exhaust stack	ASE
Mech	Air-ejector, steam	AES
Mech	Assembly	ASSY
Mech	Attenuator – sound, etc.	ATT
Mech	Automatic air vent (hydronic systems)	AAV
Mech	Backflow preventer	BFP
Mech	Blower	BL
Mech	Blower, vacuum	BV
Mech	Boiler, hot water	BHW
Mech	Boiler, steam	BS
Mech	Boiler, water supply	BWS
Mech	Bottle, nitrogen	NGN
Mech	Box, atmospheric control (TA-55 PSAA pos pr GB)	ACB

Mech	Box, glove (see glovebox)	
Mech	Box, introductory/exchange (see glovebox, intr...)	
Mech	Branch selector unit	BSU
Mech	Breathing air station (see Station, breathing air)	
Mech	Chiller, water, absorption	CWA
Mech	Chiller, water, evaporative	CWE
Mech	Chiller, water, refrigerant	CWR
Mech	Cleanout	CO
Mech	Coil, cooling	CCL
Mech	Coil, cooling, evaporative	CCE
Mech	Coil, cooling, glycol	CCG
Mech	Coil, heating	HCL
Mech	Collector (e.g., drip or catch pan)	COL
Mech	Column, water	CW
Mech	Compressor	COMPR
Mech	Compressor, air	CA
Mech	Compressor, refrigerant	CR
Mech	Computer room air conditioner (e.g., the indoor unit connected to a CRA or RUA)	CRAC
Mech	Condensate recovery unit	CRU
Mech	Condenser (e.g., process)	COND
Mech	Condenser, refrigerant, air-cooled (if compressor see RUA; see also CRAC)	CRA
Mech	Condenser, refrigerant, evaporative	CRE
Mech	Condenser, turbine exhaust	CTE
Mech	Connector or coupling (including electrical grounds)	CONN
Mech	Constant air volume (box)	CAV
Mech	Conveyor (belt, auger, etc.)	CVVR
Mech	Cooler, air, evaporative	CAE
Mech	Cooler, air, water	CAW
Mech	Cooler, water (including drinking fountains)	WCR
Mech	Cylinder	CYL
Mech	Damper	DMP
Mech	Dehumidifier	DHM
Mech	Demineralizer	DMN
Mech	Desuperheater	DSH
Mech	Dewar	DEWAR
Mech	Diffuser, aeration basin	DAB
Mech	Dishwasher, glassware cleaner, or sterilizer	DSHW
Mech	Disinfection system, mixed-oxidant	MDS
Mech	Drain	DRN
Mech	Drain, floor	FD
Mech	Drinking fountain (see cooler, water)	
Mech	Drive, fluid	DFL
Mech	Drop Box (TA55 only. DB normally bus duct)	DB

Mech	Dryer, air, desiccant	DAD
Mech	Dryer, air, refrigerant	DAR
Mech	Duct	DUCT
Mech	Enclosure -- see fume hood	
Mech	Energy recovery ventilator	ERV
Mech	Engine	ENG
Mech	Expansion joint (piping, bridge)	EXPJT
Mech	Eyewash	EW
Mech	Fan	FAN
Mech	Fan coil unit	FCU
Mech	Fan, booster	FB
Mech	Fan, circulating	FC
Mech	Fan, condenser	FCD
Mech	Fan, cooling tower	FCT
Mech	Fan, exhaust	FE
Mech	Fan, exhaust, fume hood	FEH
Mech	Fan, return or recirculation	FRA
Mech	Fan, supply	FS
Mech	Filter (liquid mainly)	FLT
Mech	Filter frame (see Frame, filter)	
Mech	Filter, air, bag or box	FAB
Mech	Filter, air, charcoal	FAL
Mech	Filter, air, cleanable	FAC
Mech	Filter, air, electrostatic	FES
Mech	Filter, air, fire	FAF
Mech	Filter, air, HEPA (or gas)	FAH
Mech	Filter, air, mat	FAM
Mech	Filter, air, pad	FAP
Mech	Filter, air, roughing	FAR
Mech	Filter, oil	FO
Mech	Filter, roll	FRL
Mech	Frame, Filter	FF
Mech	Fume hood (but use XB when leading to a GB)	FH
Mech	Fume hood exhaust (see fan, exhaust, hood)	
Mech	Furnace, gas fired	FGF
Mech	Gearbox	GRBX
Mech	Glovebox	GB
Mech	Glovebox, introductory/exchange (fume hd leading to GB)	XB
Mech	Grille, register, diffuser, or louver (HVAC)	GRD
Mech	Heat exchanger	HX
Mech	Heat exchanger, glycol	HXG
Mech	Heat exchanger, oil	HXO
Mech	Heat exchanger, refrigerant	HXR
Mech	Heat exchanger, steam	HXS
Mech	Heat exchanger, water	HXW
Mech	Heater unit, air, electric	HUE
Mech	Heater unit, air, gas	HUG
Mech	Heater unit, air, infrared	HUI

Mech	Heater unit, air, steam	HUS
Mech	Heater unit, air, steam-electric	HSE
Mech	Heater unit, air, water	HUW
Mech	Heater, deaerating	HDA
Mech	Heater, duct, electric	HDE
Mech	Heater, duct, gas	HDG
Mech	Heater, feed water, high-pressure	HFH
Mech	Heater, feed water, intermediate-pressure	HFI
Mech	Heater, feed water, low-pressure	HFL
Mech	Heater, water, electric	HWE
Mech	Heater, water, gas	HWG
Mech	Heater, water, steam	HWS
Mech	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)	HVA
Mech	Heating Ventilation Plenum Frame (has coils; otherwise use frame, filter)	HVP
Mech	Heating ventilation unit (see also Furnace)	HV
Mech	Hood, fume -- see fume hood	
Mech	Hose	PSX
Mech	Hose bib	HB
Mech	Hot water heater, potable (see Heater, hot water)	
Mech	Humidifier, air, steam	HAS
Mech	Humidifier, air, water	HAW
Mech	Hydraulic system	HYDSYS
Mech	Insulation	ISL
Mech	Intercooler	INCLR
Mech	Isolator, level	LB
Mech	Jet, condenser, priming	JCP
Mech	Light, pilot	PLTLT
Mech	Light, ultraviolet (e.g., UV sterilization)	LUV
Mech	Limited volume circulation chilled water unit	LVCCWU
Mech	Machine	MACH
Mech	Manifold	MANF
Mech	Meter, gas, district	MGD
Mech	Meter, gas, revenue	MGR
Mech	Mixer, chemical	MC
Mech	Muffler	MUF
Mech	Nozzle	NZL
Mech	Open front hood (RLUOB red/zone 2 hoods only; TA-55 uses XB for similar)	OF
Mech	Orifice plate, gas (RO preferred)	OPG
Mech	Orifice, restricting	RO
Mech	Pilot light (see Light, pilot)	
Mech	Pipe or piping	PIPE

Mech	Power unit, hydraulic	HPU
Mech	Pressure regulating device (bubbler; use PRV for valves)	PRD
Mech	Pump	P
Mech	Pump, acid or chemical	PAC
Mech	Pump, boiler feed	PBF
Mech	Pump, chilled or cooling water	PCW
Mech	Pump, circulating	PCR
Mech	Pump, condensate	PC
Mech	Pump, cooling tower	PCT
Mech	Pump, deionized water	PDW
Mech	Pump, fuel oil	PFO
Mech	Pump, glycol	PG
Mech	Pump, hot water	PHW
Mech	Pump, hot water, domestic (potable)	PDH
Mech	Pump, hydraulic	PHO
Mech	Pump, oil	PO
Mech	Pump, pressure, boosting	PPB
Mech	Pump, sampler air	PSA
Mech	Pump, sealant water	PSW
Mech	Pump, sewage, raw	PSR
Mech	Pump, sump	PS
Mech	Pump, tempered water	PTW
Mech	Pump, vacuum	PV
Mech	Pump, waste treatment	PWT
Mech	Pump, water spray	PWS
Mech	Refrigeration unit, air (with compressor and condensing coil; see also CRA, CRAC)	RUA
Mech	Regulator, gas bottle	REG
Mech	Regulator, gas, district	DGRS
Mech	Regulator, natural gas	NGRS
Mech	Regulator, pressure, gas	RPG
Mech	Regulator, pressure, water	RPW
Mech	Reverse osmosis unit	ROU
Mech	Rupture disk or disc	RPD
Mech	Safety device, pressure (rupture disk) RPD preferred	PSE
Mech	Safety device, temperature (fusible link)	TSE
Mech	Screen, bar, mechanical	SB
Mech	Scrubber	SCB
Mech	Scrubber, fume	SF
Mech	Self Contained Breathing Apparatus	SCBA
Mech	Separator, oil	SO
Mech	Shower enclosure (general use)	SHR
Mech	Shower, decontamination	SHD
Mech	Shower, safety	SHS
Mech	Sink	SNK
Mech	Slinger, water spray	SLW
Mech	Spacer	SPCR

Mech	Stack, exhaust	ES
Mech	Station (except breathing air)	STA
Mech	Station, breathing air	BAS
Mech	Sterilizer, UV (see Light, UV)	
Mech	Strainer	SCR
Mech	Support Mechanism (e.g., HVAC seismic restraint)	MCSUPP
Mech	Support or Stand (GB, etc.)	SPRT
Mech	Table	TBL
Mech	Tank	TK
Mech	Tank, acid or chemical	TAC
Mech	Tank, chemical injection	TCI
Mech	Tank, compressed air	TCA
Mech	Tank, condensate, flash	TCF
Mech	Tank, condensate, steam	TCS
Mech	Tank, condensate, water	TCW
Mech	Tank, expansion	TX
Mech	Tank, glycol	TG
Mech	Tank, hydraulic pressure	THP
Mech	Tank, oil	TO
Mech	Tank, potable water, storage	TPWS
Mech	Tank, refrigerant	TRC
Mech	Tank, retention or storage	TRS
Mech	Tank, separator, air	TSA
Mech	Tank, vacuum	TV
Mech	Tank, waste treatment	TWT
Mech	Tank, water, chilled or cooling	TWC
Mech	Tank, water, deionized or demineralized	TWD
Mech	Tank, water, hot	TWH
Mech	Tank, water, sealant	TWS
Mech	Tower, cooling	TC
Mech	Trap	TRP
Mech	Trap primer	TRPPMR
Mech	Trap, grease	GT
Mech	Trap, steam	TS
Mech	Trolley	TRLY
Mech	Trolley Tunnel	TRLYT
Mech	Tube trailer station	TBTRLS
Mech	Turbine (including gas-driven power turbines)	TURB
Mech	Turbine, steam driven	TSD
Mech	Valve	V
Mech	Valve, air operated (TA-55 only, others use Valve, solenoid - SOV)	AOV
Mech	Valve, air relief (UI water distribution systems)	ARV
Mech	Valve, ball, air-operated	AOBV
Mech	Valve, ball, trunion	BVT
Mech	Valve, block	VB
Mech	Valve, block, hydrant	VBH

Mech	Valve, block, water	VBW
Mech	Valve, burner, gas	VBG
Mech	Valve, burner, oil	VBO
Mech	Valve, check (historical)	VC
Mech	Valve, check (preferred)	CV
Mech	Valve, control, deviation	ZDCV
Mech	Valve, control, differential pressure	PDCV
Mech	Valve, control, differential temperature	TDCV
Mech	Valve, control, flow	FCV
Mech	Valve, control, force	WCV
Mech	Valve, control, force differential	WDCV
Mech	Valve, control, indicating, flow	FICV
Mech	Valve, control, level	LCV
Mech	Valve, control, pressure	PCV
Mech	Valve, control, speed	SCV
Mech	Valve, control, temperature	TCV
Mech	Valve, control, timed	KCV
Mech	Valve, control, zone or position	ZCV
Mech	Valve, gate, aeration basin	VABG
Mech	Valve, gate, equalization basin	VEQG
Mech	Valve, key, natural gas	KV
Mech	Valve, main steam	MS
Mech	Valve, motor-operated (an MOV)	VM
Mech	Valve, pressure control (see Valve, control, pressure)	
Mech	Valve, pressure reducing	VPR
Mech	Valve, pressure relief (preferred acro for all RVs)	PRV
Mech	Valve, pressure safety (steam-air-gas service only) but see PRV	PSV
Mech	Valve, regulator, steam	RVS
Mech	Valve, solenoid	SOV
Mech	Variable air volume box	VAV
Mech	Variable air volume box with fan	FVAV
Mech	Vent	VENT
Mech	Vessel, pressure	VP
Mech	Vibration isolator	VIBI
Mech	Washer, air	WA
Mech	Water hammer arrestor	WHA
Mech	Water softener	DWS
Mech	Water unit, deionized	DNZ
Mobile Eq	Batch plant (asphalt, concrete, etc.)	BATCH
Mobile Eq	Cart	CART
Mobile Eq	Crane, mobile or fixed (use specific type where possible)	CRANE
Mobile Eq	Earth (Snow) Moving Equipment (see Loader)	
Mobile Eq	Equipment, Heavy	HVYEQ
Mobile Eq	Forklift	FRKLFT
Mobile Eq	HEPA filter, portable unit or vacuum	HEPAPU
Mobile Eq	Lift, materials, electric	LME

Mobile Eq	Lift, materials, hydraulic	LMH
Mobile Eq	Lift, materials, mobile	LMM
Mobile Eq	Lift, materials, pneumatic	LMP
Mobile Eq	Lift, personnel, electric	LPE
Mobile Eq	Lift, personnel, gasoline	LPG
Mobile Eq	Lift, personnel, hydraulic	LPH
Mobile Eq	Lift, personnel, pneumatic	LPP
Mobile Eq	Lift, platform, electric	LEP
Mobile Eq	Loader or similar earth-mover	LDR
Mobile Eq	Toilet	TOILET
Mobile Eq	Tractor	TRCTR
Mobile Eq	Trailer (if office, use BLDG)	TRLR
Mobile Eq	Truck (pickup, flatbed, semi etc.)	TRUCK
Process	Box, standard waste	SWB
Process	Camera	CAMERA
Process	Chamber	CHAMB
Process	Container	CONT
Process	Crucible	CRUC
Process	Demister	DMST
Process	Diffuser	DIF
Process	Dri-Train (see Dryer, catalyst)	
Process	Drum Tumbler	DT
Process	Drum, 110 gallon	110GAL
Process	Drum, 55 gallon	55GAL
Process	Drum, 85 gallon	85GAL
Process	Dryer, catalyst (e.g., Dri-Train)	DDT
Process	Evaporator	EVP
Process	Fixture	FXTR
Process	Furnace, electric (see Oven)	
Process	Gas chromatograph	GC
Process	Heater (e.g., electric element)	HTR
Process	Hot Plate	HTPLT
Process	Igniter	IGNTR
Process	Laser	LASER
Process	Launcher	LCHR
Process	Molecular sieve	MOLESV
Process	Oven or electric furnace	OVEN
Process	Pallet	PLL
Process	Pipette	PPTT
Process	Plate	PLT
Process	Radio frequency inductively heated device	RFIHD
Process	Reactor	REAC
Process	Reagent (or remote) transfer device	RTD
Process	Residual Gas Analyzer	RGA
Process	Resin	RESN
Process	restraint (e.g., strapping, banding, netting, film, chain)	RSTRNT
Process	Robotic Material Handler, manipulator, master-slave	RMHND
Process	Safe	SAFE

Process	Sample Port or sampler	SAMP
Process	Seal or sealing containment ring (or gasket)	SEAL
Process	Separator	SEP
Process	Shredder	SHRDR
Process	Ultrasonic cleaner or bath	USC
Security	Argus Field Panel	AFP
Security	Field termination box	FTB
Security	Panel, camera interface	CIP
Security	Panel, remote access	RAP
Security	Strike, door (e.g., electric; some legacy use of DS, but use STRIKE)	STRIKE
Security	Switch, magnetic, balanced (e.g., door)	BMS
Shop	Collector, dust	CD
Shop	Grinder, belt	GRB
Shop	Grinder, pedestal	GRP
Shop	Grinder, surface	GRS
Shop	Lathe	LAT
Shop	Lock, metal former	LMF
Shop	Machine, milling (see Milling machine)	
Shop	Mill, numeric control	MNC
Shop	Milling machine	MM
Shop	Press, drill	DP
Shop	Press, hydraulic	PH
Shop	Roller, metal forming	RMF
Shop	Sand blaster	SBL
Shop	Sander	SD
Shop	Saw	SAW
Shop	Shaker, graphite	SG
Shop	Shear, metal cutting	SMC
Shop	Tool or tooling	TOOL
Shop	Welder, electric	EWM
Shop	Workbench	WB