

Component Codes

PROCESS EQUIPMENT

COMP	Computer
ADRY	Compressed Air Dryer
FILT	Filter
PIPE	Pipe
TANK	Tanks
PUMP	Pump
EMFP	Emergency Fire Pump
CVSL	Vessel
SPHD	Sprinkler Head
AUTO	Autoclave
CWSH	Cage Washer
RWSH	Rack Washer
BKFL	Backflow Preventer
EMEW	Emergency Eye Wash Station
EMSH	Emergency Shower
MEMB	Membranes
WMTR	Water Meters
STMR	Steam Pressure Reducing Station
STMP	Steam Pipe
STMT	Steam Trap
COPI	Condensate Pipe and Valves
CONP	Condensate Pump and Receiver
CONR	Controller (NCAP)
CO2T	CO2 Bulk Storage Tank and Equipment
EWCU	Electric Water Cooler
FIRX	Fire Extinguisher
GAGE	Gauge
HWPI	Hot Water Pipe
HWPP	Hot Water Pump
IADY	Instrument Air Dryer
IAPI	Instrument Air Pipe
ICEM	Ice Machine
ICMP	Instrument Air Compressor
ICPP	Internal Circulation Pump
INDR	Indicator
IVAC	Installed Vacuum System
METR	Meter

NCHP	Non-Contaminated Hot Water Pump
NCWF	Non-Contaminated Hot Water Filter
PNUE	Pneumatic Controls
PVAC	Portable Vacuum Pump
STMF	Steam Filter
VESL	Vessel (NCAP)
VPMP	Installed Vacuum Pipe
VPPI	Installed Vacuum Pipe and Valves

ELECTRICAL EQUIPMENT

CSEM	Confined Space Entry Monitor
FIRS	Fire Alarm System Reset
OXGN	Oxygen Deficiency Alarm
CCNT	Controller
CGAG	Gauge
CHRC	Chart Recorder
CIND	Indicator
CMTR	Meter
CVAC	Capital Equipment Vacuum Pumps
FRZE	Freezer
LN2F	LN2 Freezer
PWRS	Power Supply
REFI	Refrigerator
WLKN	Walk-In Boxes
DIST	Electrical Distribution Panels
EGEN	Emergency Power Generator {Use Generator}
FRDR	Frequency Drive Unit
LPPS	Lighting Panels
MCCS	Motor Control Centers
STRT	Starters
XFMR	Transformer

DATA AND COMMUNICATION SYSTEMS

COMM	Communications Equipment (Systems)
DATA	Data Communication Equipment (Systems)
LANS	Local Area Network Equipment (Systems)
RDIO	Radio Communication Equipment (Systems)
TELE	Telephone System Equipment (Systems)
WANS	Wide-Area Network System Equipment (Systems)
RADO	2-Way Radio

HVAC SYSTEMS

AHUS	Air Handling Unit
DUCT	Ductwork, Hoods and Diffusers
HEPA	HEPA Filter
EAHU	Exhaust Air Handler
HBLR	Hood Blower
EBLR	Exhaust Blower
FANS	Fan
EWHL	Energy Wheel
HEXC	Heat Exchanger
ACND	Air-Cooled Condenser Unit
CHIL	Chiller
DXUT	DX Units
TOWR	Cooling Tower
ISOL	Isolator Blower
BEDG	Bedding and Animal Waste Handler (Indicated as System)
HOOD	Laminar Flow Hood
CHEM	Chemical Fume Hood
DUST	Dust Collector
CWPI	Chilled Water Pipe and Valves
CWPP	Chilled Water Pump
HRCU	Energy Wheel Heat Recovery
HRWP	Heat Recovery Water Pump
IDXU	Incremental DX Unit
RUNA	Run Around Heat Recovery
TOWF	Tower Fan and Motor
TWPI	Tower Water Pipe and Valves
TWPP	Tower Water Pump
CONT	HVAC Controls
HVHH	Humidifier
LATER	Cooling Coil
LATER	Pre-Heat Coil
LATER	VAV Box
LATER	Damper
LATER	Constant Volume Box
HVAC	Re-Heat Coil
HVRG	Regulating Valve
HVTE	Temperature Element
HVTI	Temperature Indicator
HVUH	Unit Heater
HVCP	Control Panel

HVFN	Fan
HVHV	Gate Valve
HVMY	Motor
HVPI	Pressure Indicator
HVRE	Relief Valve
HVDM	Damper Motor
HVEP	Exhaust Fan
HVHC	Re-Heat Coil

LIFTING EQUIPMENT

ELEV	Elevator (Indicated as System)
LIFT	Material Hoist
CRAN	Overhead Crane

LABORATORY EQUIPMENT

ANLZ	Analyzers
SPEC	Spectrophotometers
GEIG	Geiger Counter
LQSC	Liquid Scintillation Counter
CSCL	Scales
BALN	Balances and Scales
WEGT	Weight
CTRS	Counter
CUST	Vacuum, Buffer, Filler Machine
TPRO	Till Proc. Microtomes
MISC	Racks, Pipettors, Etc
STIL	Distillation Units
GWSH	Glassware Washers
WASH	Glass, Clothes, Bottle Washer
COMP	Computer and Accessories
MIXR	Platform Rockers, Shakers
MLEQ	Miscellaneous Lab Equipment
NMRS	Nuclear Magnetic Resonance Equipment
CENT	Centrifuge
EMIC	Electron Microscope
MICR	Microscope
FRDY	Freeze Dryer
FILM	Film Processor
CWGT	Weight
HOSP	Hospital Equipment
HPLC	High Pressure Liquid Chromatograph

INCB	Incubators and Warmers
CSCO	Oscilloscope

ARCHITECTURAL EQUIPMENT

LOUV	Louvers
ROOF	Roofs
RUDR	Roll-Up Doors
SCGT	Security Gate

WATER FOR INJECTION SYSTEM (WWFI)

WFAV	Auto Valve
WFBV	Ball Valve
WFCD	Condenser
WFCL	Column
WFCV	Check Valve
WFDV	Diaphragm Valve
WFEV	Evaporator
WFFI	Flow Indicator
WFFL	Filter
WFGV	Globe Valve
WFHV	Gate Valve
WFIP	I/P Converter
WFLT	Level Transmitter
WFNV	Needle Valve
WFPC	Controller
WFPE	Pressure Element
WFPI	Pressure Indicator
WFPM	Pressure Monitor
WFPP	Pump
WFPS	Pressure Switch
WFPT	Pressure Transmitter
WFRC	Recorder
WFRD	Rupture Disk
WFRE	Relief Valve
WFRG	Regulating Valve
WFRV	Pressure Regulation Valve
WFST	Strainer
WFSV	Solenoid Valve
WFTE	Temperature Element
WFTI	Temperature Indicator
WFTK	Tank

WFTM Transmitter
WFTP Trap

CLEAN STEAM SYSTEM (CSTM)

CSAV Auto Valve
CSBV Ball Valve
CSCD Condenser
CSCL Column
CSCV Check Valve
CSDV Diaphragm Valve
CSEV Evaporator
CSFI Flow Indicator
CSFS Flow Sensor
CSGV Globe Valve
CSHV Gate Valve
CSIP I/P Converter
CSLT Level Transmitter
CSNV Needle Valve
CSPC Controller
CSPE Pressure Element
CSPI Pressure Indicator
CSPM Pressure Monitor
CSPP Pump
CSPS Pressure Switch
CSPT Pressure Transmitter
CSRC Recorder
CSRD Rupture Disk
CSRE Relief Valve
CSRG Regulating Valve
CSRV Pressure Regulation Valve
CSST Strainer
CSSV Solenoid Valve
CSTE Temperature Element
CSTI Temperature Indicator
CSTP Trap
CSTK Tank

DIRECT DIGITAL CONTROL SYSTEM (DDCC)

DDPC Controller
DDPS Pressure Switch

DDPT

Pressure Transmitter

DDZS

End Switch