

INSTRUMENT IDENTIFICATION

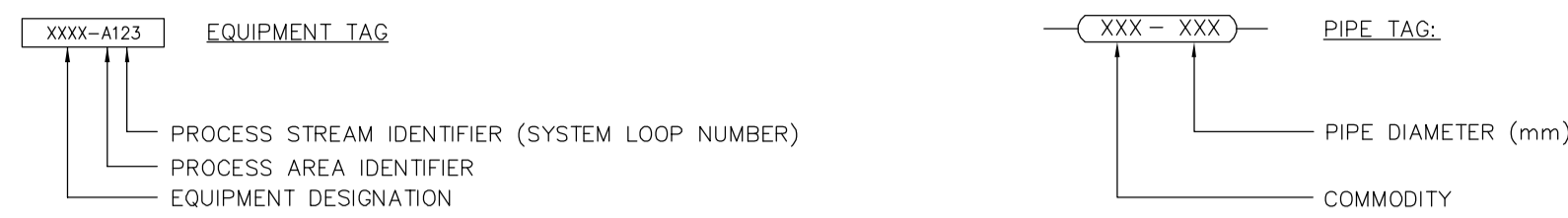
INSTRUMENT IDENTIFICATION TABLE with columns for First-Letter and Succeeding-Letters, listing various instrument types and their functions.

NOTES: 1. IT IS EXPECTED THAT THE TYPE OF ANALYSIS BE DEFINED OUTSIDE THE TAGGING BUBBLE. 2. FIRST LETTER Y IS INTENDED FOR USE WHEN CONTROL OR MONITORING RESPONSES ARE EVENT DRIVEN AS OPPOSED TO TIME OR TIME-SCHEDULE DRIVEN.

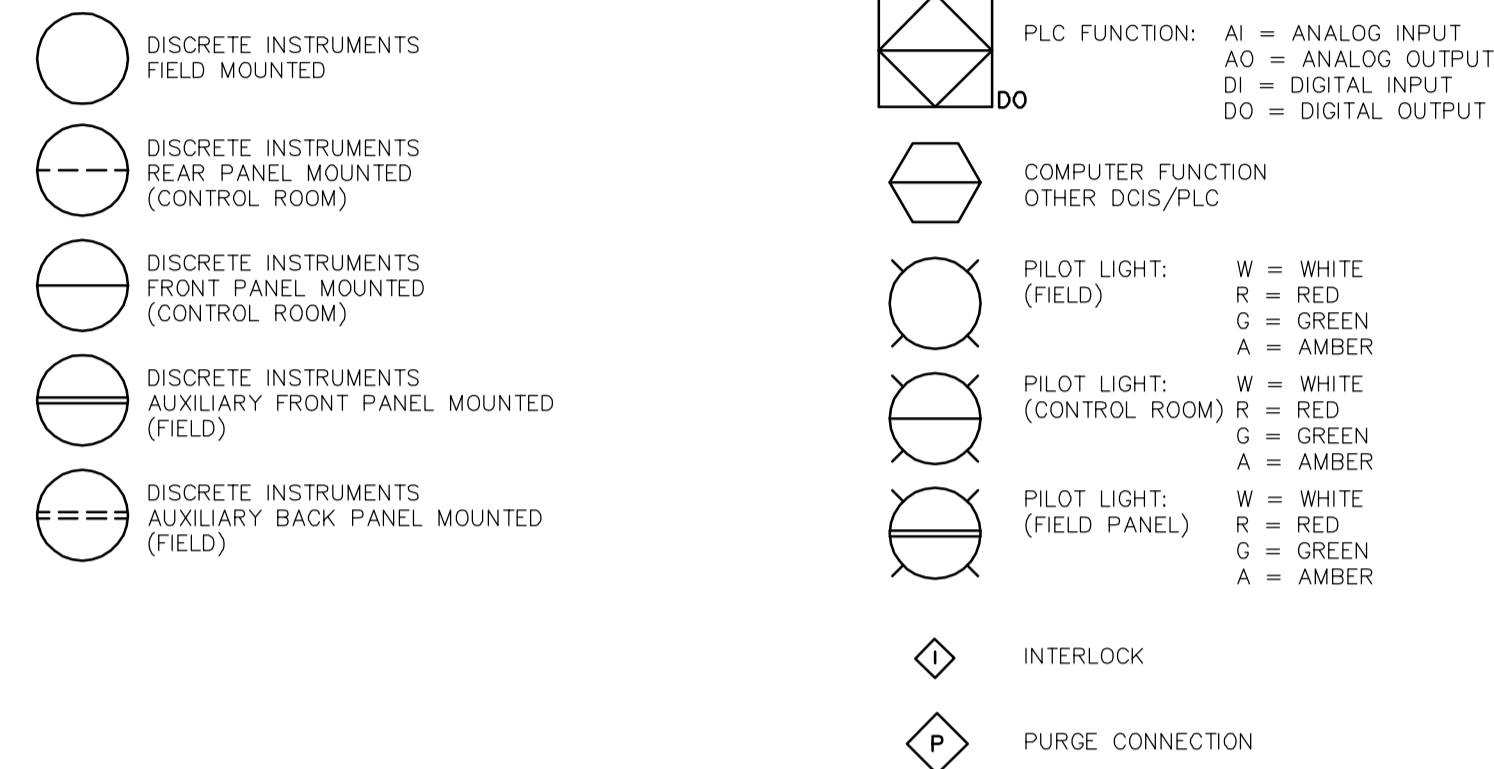
COMMON INSTRUMENT / DEVICE IDENTIFIERS table listing ISA identifiers and their corresponding initiating variables and functions.

IDENTIFICATION

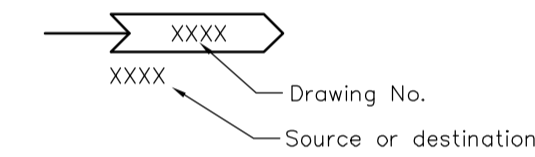
EQUIPMENT IDENTIFICATION AND TAGGING



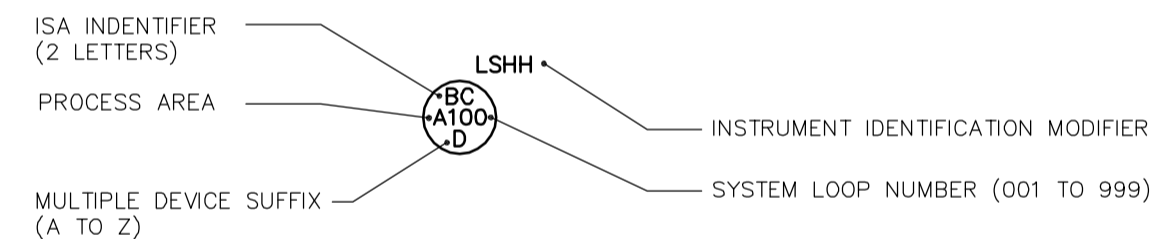
INSTRUMENT SYMBOLS



LINE CONTINUATION



INSTRUMENT DESIGNATION NUMBER



POSITION FORMATS

PROCESS AREA IDENTIFIER

Table listing process area identifiers (C, D, F, H, I, L, M, O, P, R, S, T, U, X) and their corresponding descriptions.

PROCESS STREAM IDENTIFIER (LOOP NUMBER)

Table listing process stream identifiers (001-999) and their corresponding descriptions.

ABBREVIATIONS

INSTRUMENT IDENTIFICATION MODIFIER

Table of instrument identification modifiers including CAH, COH, DO, D/P, FAH, FAL, FSH, FSL, H/A, HOA, I/A, I/P, IAH, LAH, LAL, LCP, LJB, L/L, LOS, L/R, LSH, LSL, MCC, O/L, PAH, PAL, pH, PSH, PSL, RTD, S/S, SEL, SOL, T/C, TAH, TAL, TSH, TSL, WDG, etc.

PROCESS LINE CODES

COMMODITY

Table of commodity codes including AA, AGA, AS, AHP, ALP, BCT, BOL, BFL, BLN, BS, BWS, BWW, CA, CCW, CL2, CLG, CLS, CO2, CRW, CS, CHR, CHS, CWR, CWS, DDW, DEA, DEC, DHF, DHR, DF, DFR, DFS, DO, DRA, DRN, DSW, EE, FC, FIN, FPW, FTR, FW, NG, GLR, GLS, GOX, HCO, HFS, HP, HST, HWS, HYP, ITA, LDC, LEF, LOO, LOX, NLG, OF, OZG, OZO, OZW, PEA, PEC, PEF, PEN, PLD, PLS, PLF, PTW, PSW, PW, PWD, RDR, RFL, RFS, RW, SAM, SAN, SBS, SCA, SD, SDR, SEA, SLO, SLG, SST, SWD, STM, SW, TW, VA, VTA, WS, WW, etc.

MISCELLANEOUS

ABBREVIATIONS

Table of miscellaneous abbreviations including ACK, ALM, A/M, A/S, BRG, CURR, DEC, DE, E/A, E/S, ESD, FCL, FOP, F/R, HI, HP, kW, HVAC, INC, INJ, LO, LOS, L/R, MLD, NC, NLL, NNF, NO, O/A, O/C, ODE, PF, PO, PSD, PV, PWR, RSP, RST, SP, STN, SPD, STDBY, STP, STR, STS, TST, TYP, UV, VAC, VIB, W/S, WDG, etc.

EQUIPMENT DESIGNATIONS

Table of equipment designations including ARV, ACU, ACR, AD, AHU, ATS, BAT, BB, BFP, BKR, BLR, BLW, CC, CCTV, CDR, CDU, CE, CFR, CHLR, CHR, CMP, CON, CP, CPU, CRN, CTS, CV, DC, DEM, DES, DIF, E, EF, EL, EPR, ETM, ETNK, F, FAN, FAP, FCV, FF, FLC, FV, GF, GEN, GP, GV, HC, HEX, HWH, HRC, HTR, HV, HWP, KP, LCV, LOP, LV, M, MAU, MCC, MD, MDV, MP, MXR, P, PCT, PCU, PCV, PFC, PFLT, PNL, PLC, PPU, PRV, PSU, PSV, PV, RV, SOL, SCRUB, SE, SF, SP, SLG, SLR, SMP, STA, STR, SUB, SWGR, SWP, T, TCV, TV, TK, TOTE, UH, UPS, UVR, VFD, VSD, V, VP, WP, WSF, XFMR, 86, etc.

Project information block including logos for CH2MHILL, EarthTech, and Frederickson Cooper Architects, along with project details like 'THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT ENGINEERING DIVISION', 'WATER TREATMENT PLANT', and 'CONSTRUCTION STANDARDS INSTRUMENTATION AND PROCESS IDENTIFICATION'.