

INSTRUMENT IDENTIFICATION LETERS					
BASED ON ANSI/ISA-5.1-2009 STANDARD IDENTIFICATION					
	FIRST LETTERS		SUCCEEDING LETTERS		
	COLUMN 1	COLUMN 2	COLUMN 3	COLUMN 4	COLUMN 5
	MEASURING / INITIATING VARIABLE	VARIABLE MODIFIER	READOUT / PASSIVE FUNCTION	OUTPUT / ACTIVE FUNCTION	FUNCTION MODIFIER
A	ANALYSIS		ALARM		
B	BURNER, COMBUSTION		USER'S CHOICE	USER'S CHOICE	USER'S CHOICE
C	CONDUCTIVITY			CONTROL	CLOSE
D	DENSITY	DIFFERENCE, DIFFERENTIAL			DEVIATION
E	VOLTAGE		SENSOR, PRIMARY ELEMENT		
F	FLOW, FLOW RATE	RATIO			
G	USER'S CHOICE		GLASS, GAUGE, VIEWING DEVICE		
H	HAND				HIGH
I	CURRENT		INDICATE		
J	POWER		SCAN		
K	TIME, SCHEDULE	TIME RATE OF CHANGE		CONTROL STATION	
L	LEVEL		LIGHT		LOW
M	MOISTURE ANALYSIS				MIDDLE, INTERMEDIATE
N	USER'S CHOICE		USER'S CHOICE	USER'S CHOICE	USER'S CHOICE
O	USER'S CHOICE		ORIFICE, RESTRICTION		OPEN
P	PRESSURE		POINT (TEST CONNECTION)		
Q	QUANTITY	INTEGRATE, TOTALIZE	INTEGRATE, TOTALIZE		
R	RADIATION		RECORD		RUN
S	SPEED, FREQUENCY	SAFETY		SWITCH	STOP
T	TEMPERATURE			TRANSMIT	
U	MULTIVARIABLE		MULTIFUNCTION	MULTIFUNCTION	
V	VIBRATION, MECHANICAL ANALYSIS			VALVE, DAMPER, LOUVER	
W	WEIGHT, FORCE		WELL, PROBE		
X	UNCLASSIFIED	X-AXIS	ACCESSORY DEVICES, UNCLASSIFIED	UNCLASSIFIED	UNCLASSIFIED
Y	EVENT STATE, PRESENCE	Y-AXIS		AUXILIARY DEVICES	
Z	POSITION, DIMENSION	Z-AXIS, SAFETY INSTRUMENTED SYSTEM		DRIVER, ACTUATOR, UNCLASSIFIED FINAL CONTROL ELEMENT	

INSTRUMENT DEVICE NOTATION IDENTIFICATION	
(TAG PREFIX)	AAA (SETPOINT OR FUNCTION DESCRIPTION)
(CONTROL SYSTEM)	### (INSTRUMENT/EQUIPMENT DESCRIPTION)

INSTRUMENT BLOCK INTERCONNECTION LEGEND	
(2) #18-STP	DENOTES CIRCUIT TYPE 2/C #14 = 2 CONDUCTOR, #14 AWG #18-STP = #18 AWG SHIELDED TWISTED PAIR CABLE 120 VAC PWR = 2 CONDUCTOR, #14 AWG 24 VDC OR VAC PWER = 2 CONDUCTOR, #14 AWG
	DENOTES QUANTITY OF CIRCUITS

INSTRUMENT DEVICE AND FUNCTION SYMBOLS					
BASED ON ANSI/ISA-5.1-2009 STANDARD IDENTIFICATION					
	FIELD MOUNTED	LOCATED IN MAIN (CENTRAL) PANEL/CONSOLE (ACCESSIBLE TO OPERATOR)	LOCATED IN MAIN (CENTRAL) PANEL/CONSOLE (INACCESSIBLE TO OPERATOR)	LOCATED IN SECONDARY OR LOCAL PANEL/CONSOLE (ACCESSIBLE TO OPERATOR)	LOCATED IN SECONDARY OR LOCAL PANEL/CONSOLE (INACCESSIBLE TO OPERATOR)
DISCRETE INSTRUMENTS					
SHARED DISPLAY, SHARED CONTROL (PRIMARY CONTROL SYSTEMS)					
COMPUTER FUNCTION					
SHARED DISPLAY, SHARED CONTROL (ALTERNATE CONTROL SYSTEMS)					
PILOT LIGHT					

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PROJECT :

CITY & BOROUGH OF YAKUTAT
WATER SYSTEM EXTENSION

YAKUTAT, ALASKA

SHEET TITLE :

INSTRUMENTATION & CONTROLS
LEGENDS

DESIGN	NK
DRAWN	CSB
CHECKED	BCH
DATE	04-16-2025

PROJECT No.
10297.24002
SHEET NUMBER

E-002

No.	Date	Item
REVISIONS		