

INSTRUMENT FUNCTION MEASURED VARIABLE (FIRST LETTER)	CONTROLLING (SECOND and THIRD LETTER)						MEASURING (SECOND and THIRD LETTER)										
	RECORDING	INDICATING	NONINDICATING	CONTROL VALVE	SOLENOID	FUNCTION GENERATOR	RECORDING	INDICATING	OBSERVATION CLASS	PRIMARY ELEMENT	TEST POINT	TRANSMITTER (OR REC'D)	INTEGRATOR	AMPLIFIER	SAMPLER	INDICATING SWITCH	NONINDICATING SWITCH
ANALYSIS	-RC	-IC	-C	-CV	-	SE	-R	-I	-G	-E	-X	-T	-	Am	Sm	IS	-S
CONDUCTIVITY	C	CRC	CIC	-	CCV	-	CR	CI	-	CE	CK	-	-	CSm	CIS	CS	-
DENSITY	D	DRC	DIC	DC	DCV	-	DR	DI	-	DE	DK	-	-	DSm	DIS	DS	-
DIFF PRESS	PD	PRC	PIC	PDC	PCV	-	PR	PI	-	PE	PK	-	-	PSm	PIS	PS	-
FLOW	F	FRC	FIC	FC	FCV	-	FR	FI	FG	FE	FX	FT	FO	-	FIS	FS	-
MOISTURE	M	MRC	MIC	-	-	-	MR	MI	-	ME	-	-	-	-	-	-	-
HAND	H	-	HIC	HC	HCV	-	HSE	-	-	-	-	-	-	-	-	-	HS
LEVEL	L	LRC	LIC	LC	LCV	-	LSE	LR	LI	LG	-	LT	-	-	LIS	LS	-
OXYGEN	O <sub>2</sub>	-	-	-	-	-	O <sub>2</sub> R	O <sub>2</sub> I	-	O <sub>2</sub> E	-	-	-	-	-	-	-
PRESSURE	P	PRC	PIC	PC	PCV	-	PSE	PR	PI	-	PX	PT	-	-	PIS	PS	-
POSITION	Z	-	-	-	-	-	ZR	ZI	-	-	ZT	-	-	-	-	ZS	-
RADIATION	R	-	-	-	-	-	RR	RI	-	RE	RX	-	-	RSm	RS	RS	-
VIBRATION	V	VRC	VIC	VC	-	-	VR	VI	-	VE	-	-	-	-	-	-	-
TEMPERATURE	T	TRC	TIC	TC	TCV	-	TR	TI	-	TE	TX	TT	-	-	TIS	TS	-

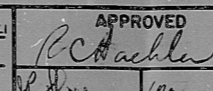
XSE = SOLENOID OPERATOR  
EXAMPLE: FSE = FLOW

Listed below are the differences in usage between Ebasco and CE instrumentation symbols.

Instrument Suffix	Definition	CE's Usage	Ebasco's Usage
S	Switch	For local instrumentation such as pressure switches, level switches, etc.	For all instrumentation, local or remote which has a switch function for interlocks or alarm.
C	Controller	For either modulating controllers or for on-off switching functions other than alarms.	For modulating controllers only.
A	Alarm	For either local or remote instruments that have only alarm functions.	

PRO APERTURE CARD

WPPSS QUALITY CLASS ~

3				EBASCO SERVICES INCORPORATED		WASHINGTON PUBLIC POWER SUPPLY SYSTEM NUCLEAR PROJECT NO 3		WPPS-3240
4				DIV. INSTRUMENTATION DR. V. PELLIZZI		INSTRUMENT SCHEMATIC - LOGIC DIAGRAM SYMBOLS		D6080
2				CH. J. PAGLIANTI		APPROVED		SHEET II
1				DATE APR. 20, 1976				
REV.	DATE	BY	APPROVED					

RIDS

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