

1075048
 A 04M 4729
 1 04M 5164

TABLE 1: INSTRUMENT LEGENDS

MEASURED VARIABLE	FUNCTION																
	AMPLIFIER	CONTROLLER	FUNCTION GENERATOR	PRIMARY ELEMENT	INDICATOR	INDICATING CONTROLLER	INDICATING RECORDER	INDICATING SWITCH	INTEGRATOR	RECORDER	RECORDER SWITCH	SAMPLER	SLIGHT GLASS	SWITCH	TEST POINT	TRANSMITTER	TELEMETER
	AM	C	F	E	I	IC	IR	IS	O	R	RS	SM	G	S	X	T	TL
CONCENTRATION	CM			CNE	CNI												
CASING ELONGATION	SX			SXE	SXI					SXR				SXS		SXT	
DENSITY	D	DC		DE	DI		DIS		DR	DRS				DS	DX	DT	
DEW POINT	DW			DWE	DWI				DWR					DWS		DWT	
DIFFERENTIAL ELONGATION	DX	DXAM		DXE	DXI				DXR					DXS		DXT	
DIFFERENTIAL FLOW	DF			DFI			DFIS		DFR	DFRS				DFS		DFI	
DIFFERENTIAL PRESSURE	DP	DPC		DPI			DPIS		DPR	DPRS				DPS	DPX	DPT	
DIFFERENTIAL TEMPERATURE	DT	DTC		DTI			DTIS		DTR	DTRS				DTS		DTT	
ECCENTRICITY	E	EAM		EE	EI				ER							ET	
ELECTRICAL CONDUCTIVITY	C			CE	CI		CIS		CR		CSM		CS	CX	CT		
ELECTRICAL CURRENT	A				AI				AR							AT	ATL
ELECTRICAL FREQUENCY	HZ				HZI				HZR							HZT	HZTL
ELECTRICAL POWER	W				WI				WR							WT	WTL
ELECTRICAL POTENTIAL	V				VI				VR							VT	VTL
FLOW	F	FC	FF	FE	FI	FIC	FR	FIS	FO	FR	FRE		FG	FS	FX	FT	
HYDROGEN	H2			H2E	H2I		H2IR	H2IS		H2R	H2RS	H2SM		H2S		H2T	
HUMIDITY	M			ME	MI				MR							MT	
HYDROGEN ION DENSITY	PH	PHAM	PHC	PHE	PHI				PHR		PHSM				PHX		
LEVEL	L	LC		LE	LI		LIS		LR	LRS		LG	LS	LX	LT		
NEUTRON FLUX	N	NAM	NC	NE	NI				NQ	NR					NX	NT	
OXYGEN	O2	O2C		O2E	O2I		O2IR	O2IS		O2R	O2RS			O2S			
PRESSURE	P	PC		PE	PI		PIS		PR	PRS				PS	PX	PT	
POSITION	PO	POC		POE	POI		POIS		POR	PORS				POS		POT	
RADIATION	R			RE	RI		RIS	RO	RR	RRS	RSM		RS	RX	RT		
REDUCTION OXIDATION POTENTIAL DIFF	RO			ROE				ROO	ROR					ROS		ROT	
SPEED OR ROTATION FREQUENCY	S	SAM	SC	SE	SI				SR					SS		ST	
SIGNAL MONITOR	OS													OSS			
TEMPERATURE	T	TC		TE	TI		TIS		TR	TRS				TS	TX	TT	
TIME	TM	TMC			TMI		TMIS	TMO		TMRS							
TORQUE	TG			TOE					TOR					TOS		TOT	
TURBIDITY	TU			TUE	TUI				TUR					TUS		TUT	
VIBRATION	VB	VBC		VBE	VBI		VBIS		VBR					VBS		VBT	
VIBRATION PHASE ANGLE	PA			PAE	PAI				PAR							PAT	
VOLT-AMPERE REACTIVE POWER HOUR	QH				QHI				QHR							QHT	QHTL
VOLT-AMPERE REACTIVE POWER	Q				QI				QR							QT	QTL
WATT-HOUR	WH				WHI				WHR							WHT	WHTL
WEIGHT	WF	WFC		WFE	WFI				WFR					WFS			

ABBREVIATIONS

MATERIAL
 CS - CARBON STEEL
 SS - STAINLESS STEEL

SERVICE SUPPLY SOURCES
 A/S - AIR SUPPLY
 E/S - ELECTRICAL POWER SUPPLY
 N₂/S - NITROGEN SUPPLY

FAILURE CONDITION
 FAI - FAIL AS-IS
 FO - OPEN ON AIR OR ELECTRICAL FAILURE
 FC - CLOSE ON AIR OR ELECTRICAL FAILURE

VALVE CONDITION
 LO - LOCKED OPEN
 LC - LOCKED CLOSED
 NO - NORMALLY OPEN
 NC - NORMALLY CLOSED
 NE - NORMALLY ENFRIGIDED
 ND - NORMALLY DE-ENERGIZED

MISCELLANEOUS
 AC - ALTERNATING CURRENT
 DC - DIRECT CURRENT

DRAINS
 LCW - LOW CONDUCTIVITY WASTE
 HCW - HIGH CONDUCTIVITY WASTE
 SD - STORM DRAIN
 NSD - NON-RADIOACTIVE STORM DRAIN
 HSD - HOT SHOWER DRAIN

CONTROL VALVES
 FCV - FLOW CONTROL VALVE
 PCV - PRESSURE CONTROL VALVE
 LCV - LEVEL CONTROL VALVE
 TCV - TEMPERATURE CONTROL VALVE

NOTES (CONT)

11. DESIGN AND SAFETY CLASSIFICATION CORRELATION

BOUNDARY SYMBOL		REFERENCE TABLE 3.2-2	
DESIGN CLASS	QUALITY CLASS	SAFETY DESIGNATION	QUALITY GROUP
1	A	SC-1	A
2	B	SC-2	B
3	A	SC-2	B
	B	SC-2	B
4	A	SC-2	B
	C	SC-3 OR NNS	C
	D	NNS	C
	F	-	-
5	B	SC-2	B
6	D	NNS	D
	F	-	-
7	C	-	-
	D	-	-
	F	-	-
	G	-	-

SEISMIC DESIGN CLASSIFICATION CORRELATION	
BOUNDARY SYMBOL	REFERENCE TABLE 3.2-2
SEISMIC CLASS	SEISMIC CATEGORY
Aa	I
A	I
B ^p	I OR NSC
C	NSC

NNS - NON NUCLEAR SAFETY
 NSC - NON SEISMIC CATEGORY I

* SEISMIC CLASS B STRUCTURES, SYSTEMS OR COMPONENTS REQUIRED TO PREVENT THE RELEASE OF RADIOACTIVE MATERIAL FOLLOWING A DESIGN BASIS ACCIDENT ARE SEISMIC CATEGORY I. ALL OTHER SEISMIC CLASS B ITEMS ARE NSC. S₁ AND S₂ ARE RESPECTIVELY DESIGN EARTHQUAKE MAXIMUM AND EXTREME LOADS. THE CLASSIFICATION SUMMARY (TABLE 3.2-1) SHALL SUPERSEDE ANY CONFLICT IN THE BOUNDARY SYMBOL CORRELATIONS.

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