



COMMUNICATION LOOKUP TABLE

Purpose: The following lists give communications data codes that will aid you in interpreting test data from Sentinel instruments. These lists are for reference only. For the most up to date code lists, you can type “TABLE HEADER”, “TABLE EVALUATION”, “TABLE RESULTS”, “TABLE VARIABLE”, or “TABLE SEGMENT” into the instrument via the communication port and the instrument will return a current list of data type codes and descriptions. For more information concerning communication interface see the Communication chapter in your instrument’s User Manual.

Table Header

V	Variable Edit	T	Streaming Started
L	List	S	Streaming Value
M	Message	X	Streaming Stopped
Q	Result List	R	Result Value

Table Evaluation

A	PROGRAM ACCEPT	DO	DP TRANSDUCER OVER-RANGE
AC	AUTOSETUP SEQ COMPLETE	DZ	DP TRANSDUCER ZERO BAD
AF	PROGRAM CALIBRATION FAILED	EC	ELEC REGULATOR CAL COMPLETE
AM	MASTER PART COMPLETE	EE	ELEC REGULATOR CAL ERROR
AP	PROGRAM CALIBRATION PASSED	EF	PART EVAC FAULT
AT	ERROR: ANTI-TIE DOWN	EP	PROG ERROR
BR	ERROR: BARCODE REQ TO START	ER	SYSTEM ERROR - SERVICE REQ
C1	MASTER+LEAK LOSS<MASTER LOSS	FO	FLOW TRANSDUCER OVER-RANGE
C2	MASTER LOSS>MAX M+L LOSS	FX	ERROR: EXCESSIVE FLOW
C3	MASTER+LEAK LOSS>MAX M+L LOSS	FZ	FLOW TRANSDUCER ZERO BAD
C4	MASTER FLOW>MAX M+L FLOW	HF	HELIUM BACKGROUND FAULT
C5	MASTER FLOW<MIN MASTER FLOW	IC	INVALID INPUT CONFIGURATION
C6	MASTER+LEAK FLOW>MAX M+L FLOW	ID	INVALID CALIBRATION DATA
C7	MASTER FLOW>MAX MASTER FLOW	IE	INPUT INITIAL STATE ERROR
C8	MASTER+LEAK FLOW<MASTER FLOW	IF	I/O FAULT
C9	MASTER LOSS<MIN MASTER LOSS	IO	INVALID I/O CONFIGURATION
CA	CAL PROGRAM ACCEPT	IP	INVALID PROGRAM SELECTED
CE	CALCULATION ERROR	IS	ISOLATION FAILURE
CF	CAL REQUIRED - LIMIT EXCEEDED	LD	ERROR: DUPLICATE TARGET LINK
CM	MIN PERF FACTOR ERROR	LE	LEAK STD SELECT CONFIG ERROR
CP	CAL REQUIRED - PARAM CHANGED	LL	ERROR: LINK EXECUTION LOOP
CR	CAL PROGRAM REJECT	LN	ERROR: NO LINKS DEFINED
CX	CHAMBER EVACUATION FAULT	LO	ERROR: DISSIMILAR LINK ORDER
DF	DP TRANSDUCER FAULT	LP	ERROR: LINK PROG IS PARENT

Table Evaluation (continued)

LP	ERROR: LINK PROG IS PARENT	SH	ERROR: STOP INPUT HIGH
LU	ERROR: LINK PROG UNDEFINED	SI	STOP INPUT RECEIVED
MF	ERROR: PART MARK FAULT	SL	SEVERE LEAK
MS	MAN FILL SWITCH	SM	SNIFFER MODE MISMATCH
NE	NO EVENT OCCURRED	SN	ERROR: SNIFFER NOT READY
OC	ATMOSPHERIC PRESSURE COMPLETE	SP	SELF-TEST PASSED
OE	ATMOSPHERIC PRESSURE ERROR	SR	SNIFFER READY INPUT FAULT
PA	ABOVE TARGET PRESSURE	ST	SNIFFER TYPE MISMATCH
PB	BELOW TARGET PRESSURE	SU	SNIFFER UNITS MISMATCH
PC	ERROR: PART NOT CHANGED	SX	SYSTEM PRESSURE EXCEEDED
PE	PROGRAM CONFIGURATION ERROR	TB	T-GAS BACKGROUND FAULT
PF	PART NOT FULL	TC	T-GAS CHAMBER CLEANUP FAULT
PH	TEST PRESSURE HIGH	TE	ERROR: TOOLING NOT RESET
PL	TEST PRESSURE LOW	TI	ERROR: TWO-INPUT REQ TO START
PP	ERROR: PART NOT PRESENT	TM	T-GAS MIN LEAK RATE FAULT
PR	POWER RESET	TP	TEST PORT SELECT CONFIG ERROR
PS	PART NOT STABILIZED	TR	ERROR: TOOLING NOT RETRACTED
PV	PROCESS FAULT	TS	TOOLING RESET
PX	PART NOT EXHAUSTED	TX	ERROR: TOOLING NOT EXTENDED
QC	SEQUENCE COMPLETE	VR	VENT PART RESET TOOLING
R	PROGRAM REJECT	WA	WEIGHT ABOVE MAX
R1	PART REJECT - LEVEL 1	WB	WEIGHT BELOW MIN
R2	PART REJECT - LEVEL 2	WC	SCALE CONFIG ERROR
R3	PART REJECT - LEVEL 3	WH	SCALE WEIGHT HIGH
RF	CHAMBER RISE FAULT	WL	SCALE WEIGHT LOW
RH	PRE-PRESSURE HIGH	WR	SCALE NOT READY
RL	PRE-PRESSURE LOW	WS	SCALE NOT STABLE
RX	SOURCE PRESSURE EXCEEDED	XC	TRANSDUCER CAL COMPLETE
S1	LD ZERO < MIN	XE	TRANSDUCER CAL ERROR
S2	LD ZERO > MAX	XF	PRESSURE TRANSDUCER FAULT
S3	LD LEAK < MIN	XH	EXT SWITCH DID NOT GO HIGH
S4	LD LEAK > MAX	XL	EXT SWITCH DID NOT GO LOW
SB	STOP BUTTON PRESSED	XO	TRANSDUCER OVER-RANGE
SC	START COMMON INPUT LOW	XP	EXTERNAL XDCR PRESS
SE	PRESSURE SELECT CONFIG ERROR	XV	TRANSDUCER VERIFY COMPLETE
SF	SELF-TEST FAILED	XZ	TRANSDUCER ZERO BAD

Table Results

P	TEST PASSED	Y	TEST FAILED - LEVEL 2
F	TEST FAILED	Z	TEST FAILED - LEVEL 3
E	TEST ERROR	M	AUTO-CAL MASTER PART
S	TEST SKIPPED	L	AUTO-CAL LEAK STANDARD PART
X	TEST FAILED - LEVEL 1	N	TEST FAILED - NO EVENT
Y	TEST FAILED - LEVEL 2	C	TEST COMPLETE

Table Variable

%P	Percent Precision	COL	Cutoff Limit
2in	Two Inputs to Start	CP	Current Precision
AAA	Accum Autozero	CPP	Copy Program
AAV	Accept Average	CPS	TLR Change/Sec
ACT	Auto-Cycle Test Mode	CPT	Consecutive Points
AD	Analog A/D	CPT	Consecutive Points
AER	Permit Early Reject	CR	Reject Cycles
ALR	Alt Leak Rate	CRA	Clean Part Source
APC	Accept Percentage	CRF	Pre-Purge
APC	Atm Pressure Check	CRS	Chmbr Crossover
APP	Accept Program	CSC	Cycles Since Cal
ARC	Autorun Cycle Count	CSN	Clear Since New Ctr
ARE	Autorun Enable	CSN	Cycles Since New
ARM	Autorun Method	CST	Custom Self Test
ARR	Autorun Relax	CT	Total Cycles
ASA	Short Autozero	CTG	Target Pressure
ASD	Accept Std Dev	CTP	Copy to Target Prog
ASM	AutoSetup Method	CTR	Clean Part Timer
ASP	Accept SPC Std Dev	DA	Analog D/A
ATD	Anti-Tie-Down	DD	Decay Direction
AZD	Autozero Delay	DFL	Direct Flow
AZE	Autozero Enable	DL	Diff Press Loss
Ain	Analog Input	DLL	DP Master+Leak Loss
Aot	Analog Output	DLR	Diff Press Loss Rd
BCM	Barcode Method	DLT	Delay Timer
BR	Barcode Required	DML	DP Master Part Loss
CA	Accept Cycles	DMR	DP Mstr Part Lss Rd
CAP	Calibrate Percent	DP	Diff Pressure
CC	Capability Code	DPI	DP iso Percent
CCD	Ch Evac Valve Dly	DPP	∝ Press Precision
CCP	Clear Prog Counters	DVF	Vent During Fill
CCR	Clear Chan Results	DVM	Test Mode
CCS	Clear Chan Counters	DVO	Device Mode
CEF	Chmbr Evac Limit	Dt	Date
CEV	Chmbr Evac Close	ECL	ERC Crossover Limit
CFS	Chamber Clean	EDC	EDC Offset
CHM	Post-Purge Method	EDE	EDC Enabled
CHO	Chmbr Post-Purge	EDP	Event ∝P
CHP	Chamber Pressure	EDP	EDC Percentage
CHV	Chamber Volume	EDQ	EDC Quantity
CID	CS Iso Delay	EDT	Event ∝T
CLF	Corr. Leak Std Flow	EIL	ERC Increment Limit
CLM	Clamshell	EMP	Ext Xdcr Pressure
CLP	Check Limit Percent	ENB	E-NOB
CLR	Cumulative Leak	ENC	Enable Calibration
CM	Cal Method	ENT	Enable Tooling I/O
CM	Malfunction Cycles	EOL	ERC Offset Limit
CMN	Clean Min Pressure	EPP	Pressure Precision
CMX	Maximum Pressure	EPR	Pressure Reference
COF	Continue on Fail	ERA	Atm Pressure

Table Variable (continued)

ERC	ERC Method	GPT	Gross Fill Pulse
ERE	ERC Enabled	HLE	High Limit Event
ERP	ERC Rate/Period	HLF	High Limit Flow
ERQ	ERC Quantity	HLL	High Limit Loss
ERR	E-Regulator Rest	HLP	High Limit Pressure
ERV	Re-Evac After Test	HLQ	High Limit Leak
ESC	Ext Switch Low Chk	HLR	High Limit Rate
ESN	External Sniffer	HLV	High Limit %Vref
ESP	Exhaust Setpoint	I/O	I/O ID
ET	Elapsed Time	IET	Event Type
ETP	Evacuation Setpoint	IF	Instrument Flow
ETP	Fine T-Gas Target	IIS	Input Initial State
ETW	ERC Target Window	ILS	Level State
ETW	ERC Target Window	ILT	Level Time
ETY	Edge Type	IPR	Close Inner Purge
EUP	Pressure Unit	IS	Input State
EVA	Evacuation Source	LAV	Leak Alarm Volume
EVC	Eval Condition	LCD	Leak Std/Cal Define
EVD	Vacuum Decay	LCD	Leak Std Cal Date
EVL	Test Evaluation	LCF	Correction Factor
EVM	Allow Evac Limit	LDP	Leak Det Precision
EVP	Event Pressure	LDT	Dev Zero Delay
EVT	Event Type	LDU	Leak Det Unit
EXD	Evacuation Xdcr	LDZ	Device Zero
EXP	Execution Pause	LF	Master+Leak Flow
FCC	Force Cal Cycles	LFC	Leak Std Cal Flow
FCD	FCal Date Limit	LFR	Master+Leak Flow Rd
FCL	FCal Cyc Limit	LIN	Linearity
FCM	Force Cal Mode	LKM	Link Motion
FCT	FCal Time Limit	LL	Master+Leak Loss
FCT	Force Cal Time	LLE	Low Limit Event
FEL	Flow Event Limit	LLF	Low Limit Flow
FL	Flow	LLL	Low Limit Loss
FLD	Fine T-Gas Decay	LLP	Low Limit Pressure
FLF	Fine T-Gas Fill	LLQ	Low Limit Leak
FMV	Finish Mix Verify	LLR	Master+Leak Loss Rd
FNB	FF-NOB	LLR	Low Limit Rate
FP	Flow Precision	LLV	Low Limit %Vref
FPR	Fill Pressure	LMP	Link Motion Preempt
FPS	Fine Sample	LNL	Linearity Limit
FSW	Final Src Weight	LOF	Loss Offset
FTA	Dwell	LQ	Master+Leak QL
FTA	Fill	LQD	DP Mstr+Lk QL Rd
FTX	Test Failed Text	LQD	DP Master+Leak QL
Fdb	Tooling Feedback	LQF	Master+Leak QF Rd
GLD	Gross T-Gas Decay	LQF	Master+Leak QF
GLF	Gross T-Gas Fill	LQR	Master+Leak QL Rd
GLN	Gross T-Gas Min	LR	Leak Rate
GLT	Gross T-Gas Target	LRC	Leak Std Recert
GLX	Gross T-Gas Max	LSC	Leak Std Chk
GPS	Gross Sample	LSP	Leak Std Pressure

Table Variable (continued)

LSS	Leak Std Select	P	Master Gauge Press
LSV	Leak Std Value	P	Instrument Pressure
LV	Launch Validation	P	Meas Pressure
MF	Master Part Flow	P%V	Part %Vref
MFO	Manual Fill	PC	Pneumatic Code
MFR	Master Part Flow Rd	PCL	Leak Std Cal Press
MFT	Manual Fill	PCR	Pressure Correction
ML	Master Part Loss	PCT	Chmbr Post-Purge
MLR	Master Part Loss Rd	PDL	Press Delta Limit
MMF	Min Master Flow	PEP	Part Evac Fault
MMF	Min Master Flow	PET	Part Evac Limit
MML	Min Master Loss	PEV	Part Evacuation
MNT	Min Tare Weight	PEX	Partial Exhaust
MO	Master Flow Offset	PF	Performance Factor
MOR	Master Flow Offset	PFL	Part Flow
MPC	Malfunction Percent	PFM	Prefill Method
MPF	Min Perform Factor	PG	Target Pressure
MPP	Max System Pressure	PKP	Peak Pressure
MQ	Master Part QL	PL	Pressure Loss
MQD	DP Mstr Part QL Rd	PLP	Predicted Loss
MQD	DP Master Part QL	PLQ	Master+Leak Q-Press
MQF	Master Part QF Rd	PLR	Pressure Loss Rd
MQF	Master Part QF	PLR	DP Mstr+Lk Loss Rd
MQR	Master Part QL Rd	PM	Master Part Press
MSL	Reject Rate	PM	Part Mark
MSO	MS Iso Open Delay	PMF	Part Mark Feedback
MSP	Max Pressure - Opt	PML	Master+Leak Press
MSR	Mark Severe Lk Rej	PMN	Minimum Pressure
MST	Mass Spec Purge	PMQ	Master Part Q-Press
MTM	Min T-Gas Mode	PMX	Maximum Pressure
MTS	T-Gas Source	PNM	Sniffer Test Point
MV	T-Gas Mix Verify	PP	Pressure Precision
MVF	T-Gas Tgt Press	PP	Proof Pressure
MVH	Leakrate High Limit	PPC	Part Present Check
MVL	Leakrate Low Limit	PPE	Pre-Press Enable
MVM	T-Gas Leak Rate	PPR	Pre-Pressure
MVS	Start Mix Verify	PPS	Pre-Press Select
MVT	T-Gas Fill Timer	PPW	Pre-Pressure Window
MXT	Max Tare Weight	PQ	Predicted Leak
Mot	Motion Number	PRF	Prefill
Mot	Number of Motions	PRI	Programmable Input
NAM	Program Name	PRO	Programmable Output
NBC	Number of Barcodes	PRR	Pressure Restrict
NLK	Number of Links	PSL	Pressure Select
NOP	Number of Options	PSL	Pressure Select
NPP	Next Program	PSL	Pressure Select
NPS	Number of Steps	PSP	Setpoint Pressure
NTP	Sample Points	PST	Self Test Pressure
NUM	Number of Programs	PSV	Part Sniffer Type
OLS	Open Leak Std	PT	Target Pressure
OPT	Option	PTF	Prefill

Table Variable (continued)

PTG	Gross Prefill	ROS	Reject on Slope
PTP	$\sigma P/\sigma T$ Precision	RPC	Reject Percentage
PTS	Port Select	RPM	Ramp Method
PTS	Part Seal	RPP	Reject Program
PTU	$\sigma P/\sigma T$ Unit	RPP	Retain Part Press
PTX	Test Passed Text	RR	Retract on Reject
PW	Weight Precision	RR	Ramp Rate
Pp	Part Pressure	RRT	Reject Rate Total
Pt	Test Pressure	RSI	Result Information
Pt	Target Pressure	RSP	Slope Window
Pt	Apply to Program #	RSR	Slope Change/Sec
Pt	Program Number	RST	Stabilize
Pv	Estimated Part Size	RVH	High Limit Voltage
QF	Quik Flow	RVH	High Limit Voltage
QHL	Quik Test HL Band	RVL	Low Limit Voltage
QL	Quik Loss	RVL	Low Limit Voltage
QLL	Quik Test LL Band	RVP	Retain Volume Press
QP	Quik Test Pressure	RXM	Pre-Evac Exhaust
QPT	Quantity Points	SAM	Sample Size
QTE	Quik Test Enable	SAS	Start AutoSetup
RAN	Number of Points	SCF	Cal Coefficient
RAP	Analysis Pressure	SCL	Leak Std Value
RAS	Analysis Voltage	SCO	Cal Offset
RAT	Analysis Percent	SCP	Start Clean Part
RAV	Reject Average	SCR	Reject Rate Percent
RC	Elec Regulator Cal	SCT	Scale Type
RC1	EReg Zero DA Cal	SEV	Leak Rate Window
RC2	EReg Span DA Cal	SF	Standard Flow
RC3	EReg Zero Base Cal	SGN	Sample Gas Number
RC4	EReg Span Base Cal	SIO	Sniffer Init
RCA	Analog Value	SMP	Sample Time
RCD	Last Cal Date	SN	Step Number
RCI	Instrument Pressure	SNR	SNR
RCP	Retention Cutoff	SP	Starting Pressure
RCS	Setpoint Voltage	SP	Standard Pressure
RCT	Last Cal Time	SPM	Fine Wait
RCV	Master Value	SPT	Gross Wait
RDI	Restore Default I/O	SR	Set Regulator
RDT	Reg Dwell Timer	SRC	Start Calibration
RED	Refrgnt Vent Close	SRH	LD Leak Val Max
REG	Regulator	SRL	LD Leak Val Min
REO	Refrigerant Vent	SSW	Starting Src Weight
REX	Refrigerant Vent	STL	Self Test Level
RFC	Fill Close Delay	STM	Self Test Method
RFL	Reference Loss	STN	Self Test Program
RL	Loss Rate	STP	Target Press
RLC	Run Leak Calibrate	STS	Start Self Test
RLR	Loss Rate Rd	STS	Self Test Source
RLV	Leak Std Value	STT	Self Test Limit
RMX	EReg Span DA Cal	STV	Step Target Press
RNP	Number of Points	STW	Target Window

Table Variable (continued)

SXC	Start Calibration	V	V
SXT	Start Xdcr Test	VAN	Valve A Num - Opt
SXV	Start Verification	VAP	Valve A PWM - Opt
SZH	LD Zero Val Max	VAT	Valve A Type - Opt
SZL	LD Zero Val Min	VBN	Valve B Num - Opt
Ser	Serial Number	VBP	Valve B PWM - Opt
Stn	Channel Number	VBT	Valve B Type - Opt
T	Timer	VC	Valve Code
T	Timer	VCN	Valve C Num - Opt
TBF	Background Limit	VCP	Valve C PWM - Opt
TI	Iso Delay Timer	VCT	Valve C Type - Opt
TL	Tooling Option	VDN	Valve D Num - Opt
TLK	Test Leak Rate	VDP	Valve D PWM - Opt
TLP	Leak Rate Precision	VDT	Valve D Type - Opt
TLR	T-Gas Leak Rate	VFL	Virtual Flow
TLU	Leak Rate Unit	VHT	Vent/Halt Tooling
TML	Min T-Gas Setpoint	VLP	Volume Precision
TMN	Fine T-Gas Min	VLV	Valve Number
TMP	Temp Precision	VNP	Number of Points
TMX	Fine T-Gas Max	VP	Voltage Precision
TP	Time Precision	VPS	Setpoint Pressure
TPP	Target Program	VPW	Valve PWM
TPW	Target Press Window	VSP	Setpoint Voltage
TQ	Quik Test Timer	VWO	Residual Offset
TR1	Trigger 1	WGT	Refrigerant Weight
TRA	T-Gas Source	WHL	High Limit
TRM	T-Gas Recovery	WIN	Stat History Length
TSM	T-Gas Sampling	WLL	Low Limit
TT	Test Sel Timer	XAN	Xdcr Zero LL
TT	Test Execution Time	XAX	Xdcr Base Max
TTF	TracerMate Flags	XBH	Xdcr Zero Hwin
TTY	Test Type	XBL	Xdcr Zero Lwin
TTY	Test Type	XC	Transducer Cal
TV	Valve Delay Timer	XC1	Xdcr Zero AD Cal
TW	Target Weight	XC2	Xdcr Span AD Cal
TWN	Min Fill Weight	XC3	Xdcr Zero Base Cal
TWX	Max Fill Weight	XC4	Xdcr Span Base Cal
Tcy	Desired Cycle Time	XCA	Analog Value
Tm	Time	XCB	Atm Pressure
Tm	Timer Mode	XCD	Last Cal Date
UC	Current Unit	XCF	Instrument Flow
UDP	α Pressure Unit	XCI	Instrument Pressure
UF	Flow Unit	XCL	Xdcr Curr Limit
UP	Percent Unit	XCM	Master Reading
UP	Pressure Unit	XCP	Cal Pressure
UPD	Unit/Prec Define	XCS	Setpoint Pressure
UT	Time Unit	XCT	Last Cal Time
UTM	Temperature Unit	XCV	Master Value
UV	Voltage Unit	XCX	Xdcr Cal X Array
UV	Volume Unit	XCY	Xdcr Cal Y Array
UW	Weight Unit	XFC	Xdcr Filter Code

Table Variable (continued)

XFP	Flow Precision	XT	Transducer
XID	Xdcr Iso Delay	XT	Xdcr Tare
XIS	Xdcr Span Inter Cal	XTG	Xdcr Tare Range
XIZ	Xdcr Zero Inter Cal	XTR	Xdcr Typ Residual
XLF	Max Mstr+Leak Flow	XUF	Flow Unit
XMF	Max Master Flow	XUP	Pressure Unit
XML	Max Mstr+Leak Loss	XV	Transducer Verify
XMN	Xdcr Base Min	XVD	Verify Date
XXM	Xdcr Base Max	XVF	Instrument Flow
XNP	Number of Points	XVI	Instrument Pressure
XOP	Crossover Pressure	XVM	Master Reading
XPC	Pressure Correction	XVS	Setpoint Pressure
XPM	Pressure Mode	XVT	Verify Time
XPP	Pressure Precision	XVV	Master Value
XPR	Pressure Reference	XZC	Xdcr Zero Check
XRL	Xdcr Residual Limit	XZH	Xdcr Zero HL
XRW	Xdcr Residual Warn	XZL	Xdcr Zero LL
XSP	Setpoint Pressure	XZW	Xdcr Zero Window

Table Segment

%VR	Percent of Reference Volume Test	DPL	Diff Press Decay - Leak Standard Test
APC	Setup - Atmospheric Pressure Check	DPS	Setup - DP Transducer Setpoint
AR	Autorun Relax	DPT	Rate of Pressure Loss Test
BAL	Stabilize DP Xdcr Balance	DTV	Setup - DP Transducer Verification
CBC	Chamber - blower control	DTZ	Setup - DP Transducer Zero
CC0	Chamber - circulation off	ERA	Setup - Electronic Regulator Analyze
CC1	Chamber - circulation on	ERS	Setup - Electronic Regulator Setpoint
CCX	Chamber - accumulation rest	ERZ	Setup - Electronic Regulator Zero
CE0	Chamber - evacuate off	ESI	Internal - Empty-Seq
CE1	Chamber - evacuate on	EST	Fill Evac
CHA	Exhaust - Chamber Output Rest	EXE	Exhaust until Empty
CIF	Chamber - inlet blower off	EXH	Exhaust
CIO	Chamber - inlet blower on	EXP	Exhaust until Pressure
CLN	Stabilize Chamber Cleanup	EXT	Tooling Motion Extend
CO0	Chamber - outlet blower off	FFL	Fill until Full
CO1	Chamber - outlet blower on	FGN	General Fill
CP0	Chamber - pre-purge	FLC	Mass Flow - Leak Rate Test
CPC	Chamber - clamshell purge rings control	FLL	Fill (without pressure monitoring)
CPG	Chamber - Exh/Purge	FLR	Precise Mass Flow (Differential Flow)
CPO	Chamber - clamshell purge rings option	FLW	Mass Flow Test
CPR	Chamber - clamshell purge rings rest	FRF	Fill Reference
CST	Fill Clean	FRP	Fill Ramp
CV0	Chamber - vent off	FST	Fill Tracer
DLY	Delay	FTS	Setup - Flow Transducer Setpoint
DPD	Differential Pressure Decay Test	FTV	Setup - Flow Transducer Verification

Table Segment (continued)

FTZ	Setup - Flow Transducer Zero	RTI	Ramp to Digital Input Event Test
HVC	Chamber - hardvac control	RVN	Refrigerant Vent
LKC	Link Control	SCI	Setup - Scale Init
LNK	Link Decision	SD1	Setup - Sniffer idle
MVX	Setup - Mix Verification	SDP	Stabilize for DP
OCC	Occlusion Test (Backpressure)	SFS	Stabilize Tracer
PLO	Pressure Loss Test	SGL	Fill Tracer Gross
PLR	Pressure Decay - Leak Standard Test	SGS	Stabilize Tracer Gross
PMK	Tooling Part Mark	SI1	Setup - Sniffer Init
PRF	Prefill/Fill	SI2	Setup - Sniffer Init 2
PRF	Prefill until Pressure	SLE	Tooling Seal Extend
PRF	Proof Test	SLR	Tooling Seal Retract
PRI	Internal - Pre-Seq	SME	Setup - Manifold Exhaust
PRI	Internal - Evaluate Part Result	SMF	Setup - Manifold Fill
PRP	Prefill Pre-Pressure	SMI	Setup - Manifold Isolate
PRS	Step Proof	SNF	Sniffer Test
PSI	Internal - Post-Seq	SNG	Sniffer Gross Test
PTS	Setup - Pressure Transducer Setpoint	SNW	Stabilize Tracer Wait
PTV	Setup - Pressure Transducer Verification	SPF	Fill Step
PTZ	Setup - Pressure Transducer Zero	SPL	Setup - Pressure Select
RCF	Refrigerant Iso Off	SPR	Setup - Pre-Seq
RCX	Refrigerant CS Isolation	SPS	Setup - Post-Seq
REC	Exhaust - T-Gas	SSD	Stabilize Step Dwell
REF	Refrigerant Fill	SSR	Setup - Set Regulator
RET	Tooling Motion Retract	STE	Stabilize Evac
REV	Exhaust - Re-Evacuate	STF	Stabilize for Flow
RFE	Refrigerant Evac	STG	General Stabilize
RFM	Refrigerant Manual Fill	STR	Stabilize Reference Volume
RFS	Stabilize Scale	STR	Setup - Transducer Residual
RFT	Refrigerant Fill	STS	Stabilize until Slope
RFX	Refrigerant Stabilize	SVD	Evac Test
RL	Calibration Relax	SXT	Stabilize for Xdcr Test
RPS	Refrigerant Part Switch	TMC	Tooling Motion Control
RTE	Ramp to Pressure Event Test	XDR	Transducer Test
RTF	Ramp to Flow Event Test		