

INSTRUMENT VALVES				
OPEN	CLOSED			END CONNECTIONS
	FULL	RIGHT/SIDE	LEFT	DOWN
3 WAY VALVE				
				COMMON
4 WAY VALVE				
				COMMON
4 WAY PLUG VALVE				
				COMMON

PIPE FITTINGS	
	REDUCER - CONCENTRIC
	REDUCER - ECCENTRIC (BOTTOM FLAT)
	REDUCER - ECCENTRIC (TOP FLAT)
	MONOLITHIC INSULATION JOINT
	BLOWDOWN
	INTRINSIC SAFETY BARRIER
	SPACER PIECE
	SPACER RFRF
	SPACER
	SPADE (RFRF)
	SPADE
	SPECTACLE BLIND - OPEN (RFRF)
	SPECTACLE BLIND - CLOSED (RFRF)
	SPECTACLE BLIND - OPEN
	SPECTACLE BLIND - CLOSED
	SPECTACLE BLIND - INSTALL DONUT
	SPECTACLE BLIND - INSTALL DISK
	BLEED RING OR TEST INSERT
	BARRED TEE - UP
	BARRED TEE - DOWN
	PIGGABLE TEE (UP)
	PIGGABLE TEE (DOWN)
	STOPPLE LOR
	STOPPLE LOR BARRED
	INSULATING FLANGE
	ANCHOR FLANGE
	SINGLE FLANGE
	BLIND FLANGE
	DOUBLE FLANGE
	CAP
	TERMINATION CAP (SCREWED)
	RAIN FLAP
	RAIN CAP
	TERMINATION PLUG
	FLEXIBLE HOSE - SHORT
	FLEXIBLE HOSE - LONG
	ADAPTOR TUBING/PIPE
	UNION
	TEE - THERMOWELD CONNECTION
	TEE - PLUG CONNECTION
	LINE ELEMENT (TOP)
	LINE ELEMENT (BOTTOM)
	CONNECTION - RF

PIPE SPECIALTY ITEMS	
	FILTER
	DEHYDRATOR FILTER WITH CONDENSATE SEPARATOR
	AUTOMATIC DRAIN
	EJECTOR/INJECTOR
	FLOW STRAIGHTENER
	DEHYDRATION UNIT
	DEMISTER
	POWER CONTROLLER
	FLAME ARRESTOR
	AIR INLET FILTER WITH STRAINER
	SPARK ARRESTOR
	VENT SILENCER
	BASKET STRAINER
	T-TYPE STRAINER
	TEMPORARY STRAINER
	CONE TYPE STRAINER
	Y-TYPE STRAINER
	Y-TYPE STRAINER (RFRF)
	Y-TYPE STRAINER WITH BLEED (RFRF)
	LIQUID TRAP
	SCRAPER TRAP
	BIRD/INSECT SCREEN
	SURGE DIVERTER
	TUNDISH
	CATHODIC PROTECTION TRANSFORMER RECTIFIER UNIT
	LOCAL DRAIN
	DRAIN FUNNEL
	FLEXIBLE JOINT
	EXPANSION JOINT
	CAMLOCK CONNECTION
	SNAPLOCK CONNECTION
	CONE FILTER
	SPRAY NOZZLE
	FILTER REGULATOR
	LOCAL VENT
	ACCUMULATOR GAS SUPPLY
	ACCUMULATOR HYDRAULIC
	ACCUMULATOR PNEUMATIC

2	RE-ISSUED FOR USE	13/07/23	TMN	ES	CWB			APA AUTOCAD PLANT P&ID USER GUIDE	ATP-GD-QM-0021
1	ISSUED FOR USE	12/04/23	TMN	ES	CWB			STANDARD DRAWING P&ID LEGEND SHEETS	ATP-DWG-Q-0001 TO 0004
REV	PROJ No	REVISION	DATE	DRW	DES	CHK	APP	REFERENCE DRGs	DRG No

**ISSUED FOR USE**

DRAWN	T.NGO	DATE	01/03/22
DESIGNED			
VALIDATED	M.FRADI	DATE	01/03/22
ACCEPTED	M.LULYATT	DATE	01/03/22
SCALE	NTS		
APA ID	ATP-DWG-Q-0002		
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PROJECT No		DRG No	
		ATP-DWG-Q-0002	
		REV	2

**STANDARD DRAWING  
LEGEND SHEET  
PIPING & INSTRUMENT SYMBOLS  
P&ID**

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