

GROUP 21 – VALVE

	REG#:2101 DESC:Valve (general)
	REG#:2102 DESC:Valve, angle type (general)
	REG#:2103 DESC:Valve, three way type (general)
	REG#:X8068 DESC:Valve, globe type
	REG#:X8069 DESC:Valve, angle globe type
	REG#:X8070 DESC:Valve, three way globe type
	REG#:X8071 DESC:Valve, ball type
	REG#:X8073 DESC:Valve, angle ball type
	REG#:X8073 DESC:Valve, three way ball type
	REG#:X8074 DESC:Valve, gate type
	REG#:X8075 DESC:Valve, butterfly type (Form 1)
	REG#:X8075 DESC:Valve, butterfly type (Form 2)
	REG#:X8076 DESC:Valve, needle type
	REG#:X8087 DESC:Valve, control type, continuously operated

GROUP 22 – CHECK VALVE

	REG#:X8077 DESC:Check valve (general)
	REG#:X2113 DESC:Check valve globe type
	REG#:X8078 DESC:Swing check valve (Form 1)
	REG#:X8165 DESC:Swing check valve (Form 2)

GROUP 23 – VALVES AND FITTINGS WITH SAFETY FUNCTIONS

	REG#:X2124 DESC:Safety valve, spring loaded, globe type
	REG#:X2125 DESC:Safety valve, spring loaded, globe angle type
	REG#:X8080 DESC:Rupture disc
	REG#:2036 DESC:Flame arrestor
	REG#:C0087 DESC:Flame arrestor, explosion-proof
	REG#:C0088 DESC:Flame arrestor detonation-proof
	REG#:C0091 DESC:Flame arrestor fire-resistant
	REG#:C0089 DESC:Fire-resistant and detonation-proof flame arrestor out to the atmosphere
	REG#:X8088 DESC:Breather valve

GROUP 24 – FITTINGS

	REG#:2034 DESC:Viewing glass
	REG#:X8089 DESC:Viewing glass with lighting
	REG#:2033 DESC:Silencer
	REG#:C0093 DESC:Mixing nozzle, injector
	REG#:533 DESC:Compensator
	REG#:X8090 DESC:Strainer
	REG#:X8150 DESC:Cone type strainer

	REG#:C0096 DESC:Orifice plate
	REG#:C0097 DESC:Blind disc
	REG#:C0098 DESC:Open disc
	REG#:2044 DESC:Interchangeable disc (blind disc)
	REG#:2045 DESC:Interchangeable disc (open disc in function)
	REG#:2039 DESC:Vent (outlet to atmosphere for steam/gas)
	REG#:2040 DESC:Funnel
	REG#:2181 DESC:Self-operating release valve (steam trap)
	REG#:511 DESC:Flanged connection
	REG#:516 DESC:Reducer
	REG#:X411 DESC:Hose
	REG#:C0100 DESC:Coupling
	REG#:513 DESC:Clamped flange coupling
	REG#:C0108 DESC:Breakthrough
	REG#:517 DESC:Flanged dummy cover
	REG#:X8152 DESC:Single flange
	REG#:X8153 DESC:Dummy cover

GROUP 25 – GRAPHICAL SYMBOLS FOR PIPING

	REG#:405 DESC:Pipeline
	REG#:X8156 DESC:Secondary pipeline
	REG#:241 DESC:Flowmotion in direction of arrow
	REG#:3061 DESC:Slope
	REG#:2038 DESC:Siphon
	REG#:C0106 DESC:Tracer for heating or cooling
	REG#:X409 DESC:Jacked pipeline
	REG#:X8174 DESC:Piping, heated or cooled and insulated
	REG#:X322 DESC:Pipeline with thermal insulation

**LEGEND**

- ① Graphical symbol
- ② Registration number
  - nnn ISO 14617 graphical symbol
  - Cnnn ISO 14617 graphical symbol (prelim.)
  - X2nnn ISO 14617 symbol example
  - X8nnn ISO 10628-2 symbol example
- ③ ISO 10628-2 description
- ④ Preferred connection locations

Legal owner Steven Baltakatei Sandoval	Document type Drawing Legend	Document status Released
Source <a href="https://w.wiki/dgE">https://w.wiki/dgE</a>	Title, Supplementary title P&ID Symbols	Drawing identification number BK-2020-04-PID-1
Created by SBS	Approved by [Signature]	Date of issue 2020-09-25
License CC BY-SA 4.0	ISO 10628-2:2012 Groups 21-25	Lang en
		Sheet 6/7
		Rev C