



Sampling System for Process Industries

Liquid and Gas Closed Sampling Systems

Volatile Liquid with expansion cylinder option

Special Material Sampling Systems for Sour Gas

Customized Closed Sampling Systems

Sample Bomb Assembly for Petrochemicals

Accessories available upon request

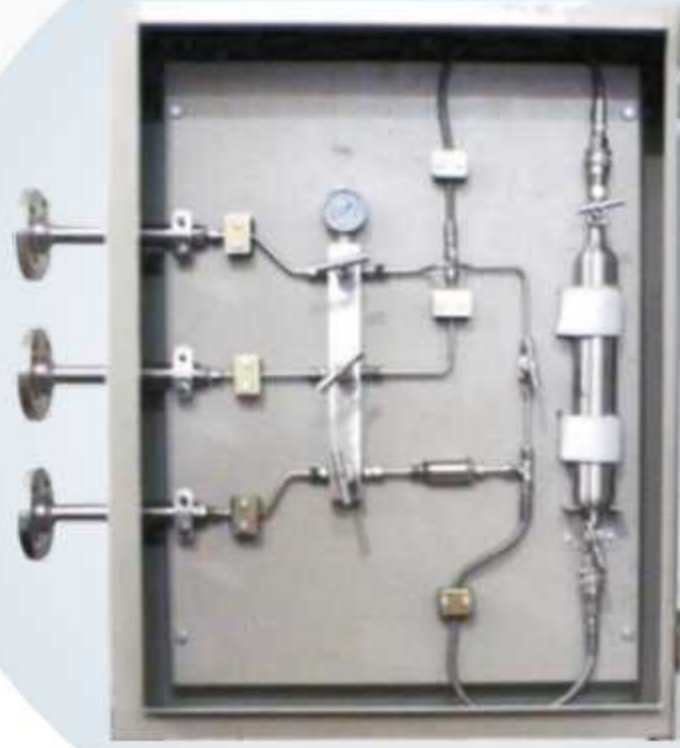


Sample Safely and Accurately

Sample the Best you Can -

Use Chemtron's various Process Sampling Systems

Chemtron's Process Sampling Systems are Ready to fit, Simple and Easy to use for accurate and safe sampling to maximize safety to operator and Environment



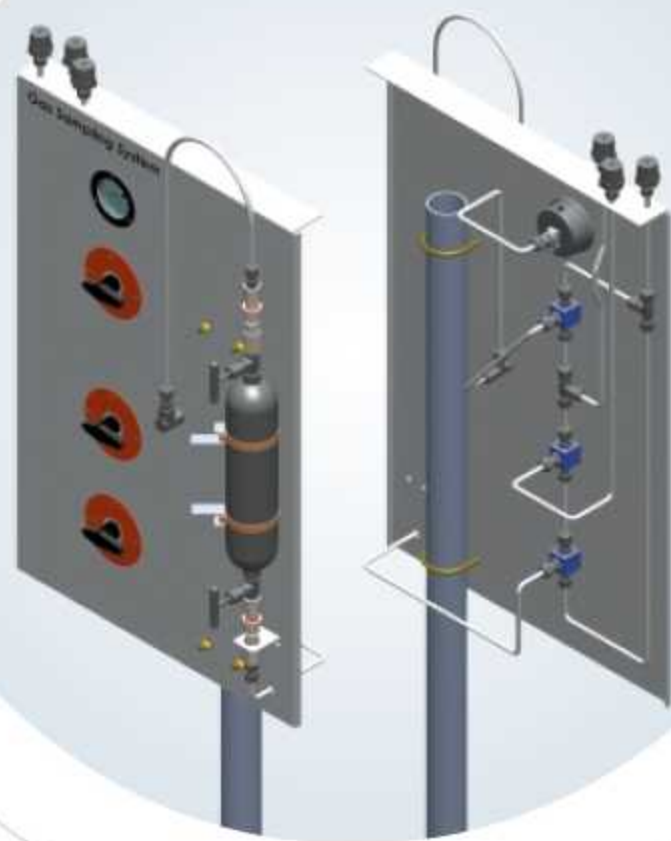
TYPE - A : Inlet / Return/Vent

Closed Sampling System for Refinery for Gas/Liquid.

Model : CSL-CSS-REBOX

- All Wetted Parts are SS316L
Continuous flow of sample assures representative sample
- Quick disconnects allow for easy removal and transportation of the sample cylinder
- Self-sealing quick disconnect fittings prevent leakage when cylinder is removed
- Closed loop sample cylinder primarily used for gaseous or two-phase liquids

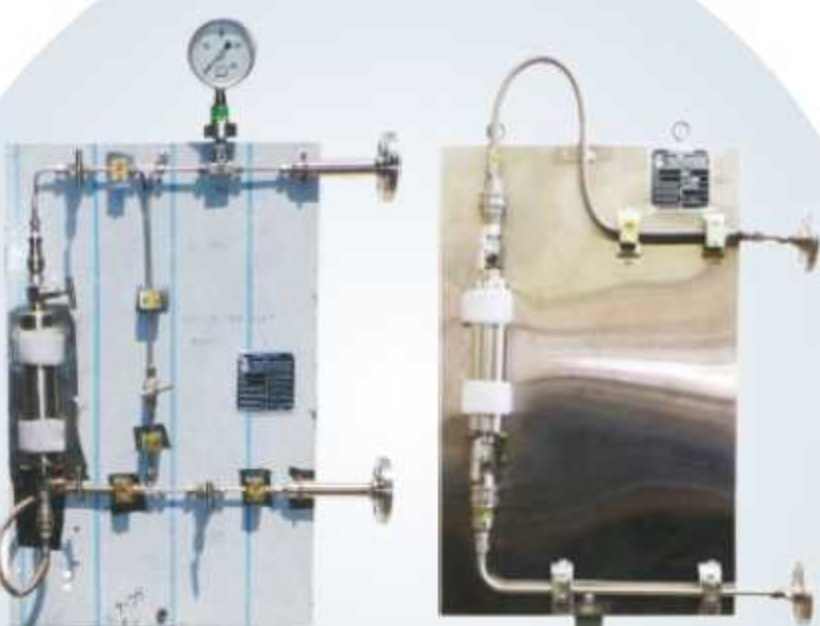
Type -B: Inlet/ vent



Closed Sampling System for Liquefied Petroleum Gas, Propylene or Propane

Model : CSL-CSS-LPGPP

- Safe and accurate sampling of LPG and liquefied gases like Propylene and Propane
- 2 nos of 3-port multifunction tandem valve simplifies operation and reduces valve maintenance
- Expansion vessel reduces sample cylinder volume after the sample is captured, assuring safety, accuracy, and representativity



Cusotomized Sampling Systems

- We can make as per your Sketch or P&ID
- High Pressure and High Temp Design
- Also Made in Special Material like Inconel/Monel
- Sample Coolers before Sampling
- Chemtron's Tube in Tube Out Sample Cooler can be used

Material of Construction for Special Service of H2 and NACE requirement will be Provided



Sample Bomb Assembly

- Part of Existing Sampling Systems
- Mostly Used in Petrochemicals Process
- Simple and Easy to Handle
- Complete SS316L Assmebly
- Also made in Special Material like Inconel/Monel
- Varios Capacity of Sampling Cylinders are available

Sampling Cylinders



Part	MOC	Capacity (cc)	End Connection	Pressure Rating (Bar)	Length x Diameter (mm)
SC-100-4	SS316L	100	1/4" NPT F	150	210 x 48.3
SC-300-4	SS316L	300	1/4" NPT F	150	240 x 60.5
SC-500-4	SS316L	500	1/4" NPT F	200	280 x 60.5
SC-500-2	SS316L	500	1/2" NPT F	200	280 x 60.5
SC-500-4	SS316L	500	1/4" NPT F	350	510 X 48.5
SC-1000-4	SS316L	1000	1/4" NPT F	350	275 X 88.9
SC-1000-2	SS316L	1000	1/2" NPT F	350	275 X 88.9

CSL-AM-06_04_Ver.
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Quick Release Coupling MOC : SS316L and Special Material like Inconel and Monel

Item Description	Part #	Pressure Rating @200 Deg C	End Connection	Seat
Quck Releae Body	CSL-BD-F-4	200 Bar	1/4" NPT F	Viton/ Teflon/ Buna N
Quck Releae Stem	CSL-ST-F-4	200 Bar	1/4" NPT F	
Quck Releae Body	CSL-BD-F-2	200 Bar	1/2" NPT F	Buna N
Quck Releae Stem	CSL-ST-F-2	200 Bar	1/2" NPT F	

Needle Valves MOC : SS316L and Special Material like Inconel and Monel



P#t	Rating	End Connection	Seat
CSL-NV-4-NPT	350 Bar	1/4" NPT MxM	Viton/ Teflon/ Buna N
CSL-NV-2-NPT	350 Bar	1/2" NPT MxM	
CSL-NV-4-OD	350 Bar	1/4" OD	
CSL-NV-8-OD	350 Bar	3/8" OD	

Flexible Hose



MOC: Internal SS316/PTFE and Braidind SS304
 Size: 1/4" , 1/2" & 3/8" OD (Internal)
 Length : 500 mm , 750 mm, 1000 mm & 1.5 metr
 End Connections : 1/4" NPT M ; 1/4" OD ; 1/2 NPT M

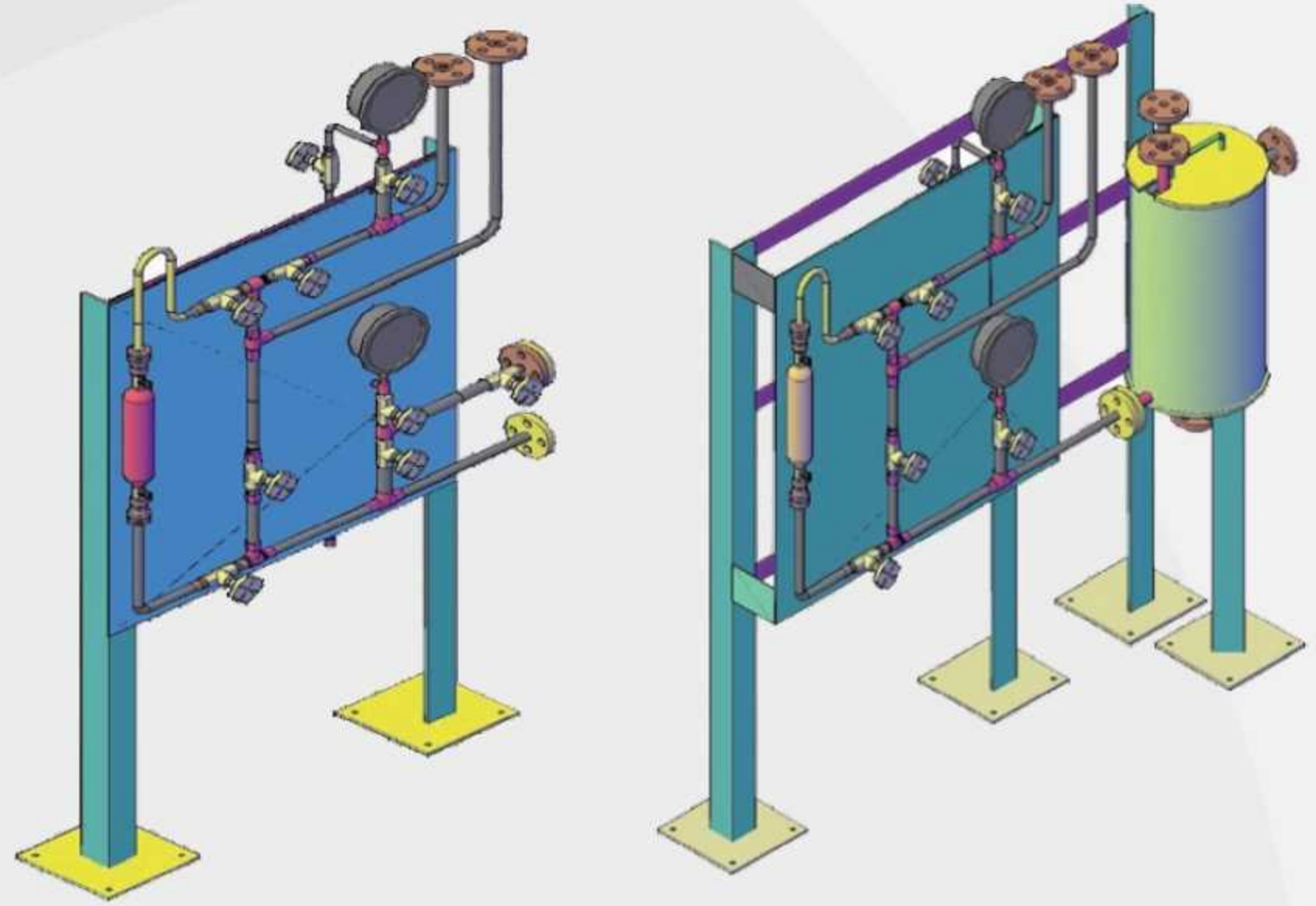


Tube Fittings

We Make Tube Fittings for 1/8" , 1/4" , 3/8" & 1/2" OD Connections

Pressure Rating : 5000 PSI

MOC: SS316/SS316L



70+

Project of Process Sampling Systems

since last 10 Years for Below mentioned clients



شركة تطوير حقل زاكوم [زادكو]
Zakum Development Company [ZADCO]



ارامكو السعودية
Saudi Aramco



WE FUEL AMAZING



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