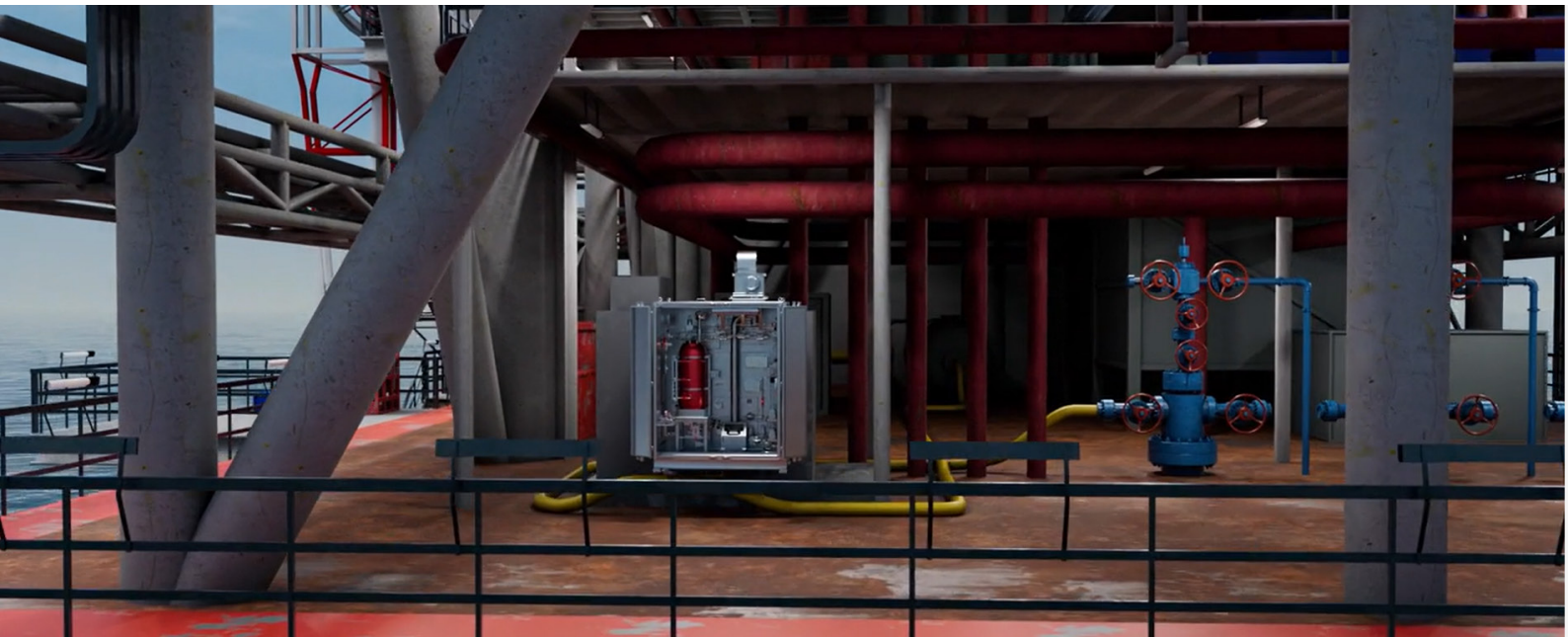




Proserv have been designing and manufacturing sample cylinders and sampling systems for the exploration, production and subsea markets since 1977 when the first high pressure flow through sample cylinders were developed. Advances in engineering and a desire for customers to move away from using mercury when sampling led to the introduction of the first piston sample cylinders in 1986 and the first single phase cylinders in 1994, in conjunction with Proserv's single phase Bottom Hole sampling tools.

Proserv's extensive track record of providing a high quality product and experience in engineering sampling solutions led to the design and development of manual and automated sampling systems, mini separators, sand / solids sampling, multiphase and subsea sampling systems, with Proserv cylinders at the heart of the operation supported by Proserv extensive controls technology. The most recent development being the patent pending Multiphase sampling Unit technology.

Proserv holds manufacturing approval for transportable pressure equipment in accordance with European Pressure Equipment Directive (PED), Transportable Pressure Equipment Directive (TPED), United States Department of Transport (DOT) and Transport Canada (TC). Proserv equipment is used globally by state oil companies, the major international operators both in the field and at their technology and research centres. We support well test and laboratory analysis companies as well as large number of universities and institutes around the world. We are proud of our track record in the provision of sampling solutions throughout the life cycle of the oil and gas industry, from reservoir to refinery and continue to develop reliable and industry leading equipment to help our customers simplify their processes, improve performance, and extend the lifespan of their assets. Our sampling expertise is founded on our broad technical knowledge and extensive in-house engineering and production chemistry capability.

A proven track record...

proserv



20,000

Production control systems
manufactured



200

Metering control systems
manufactured



6,000

Wellhead control systems
supplied



300

Subsea control
modules installed



50,000

Sampling cylinders
supplied



1,000

Production control systems
refurbishments



700

Monitoring, control
and retrieval projects



130

Subsea control
projects completed

Sampling Systems

Proserv has an established track record with sampling systems. Below is a summary of recent projects completed to demonstrate our capabilities and expertise in this field.

Year	Client	Work Scope	Location
2024	Harbour Energy	Judy - HP Separator oil/condensate sampling system	UK - North Sea
2024	Harbour Energy	Judy - HP Separator gas sampling system	UK - North Sea
2024	Harbour Energy	Judy - HP Separator produced water sampling system	UK - North Sea
2024	Harbour Energy	Judy - Export Gas sampling system	UK - North Sea
2024	Aker Solutions	Bestla Tie-in to Brage - Multiphase Sampling System (MPSU)	Norway
2024	UFRJ University - Rio	Shell Brazil project - ProLight Sample Cylinders & Heating Jackets	Brazil
2024	Kimman Process Solutions	Valhall PWP - 4 x ProMix Systems	Norway
2024	Rosenberg	Gjøa - Manual Sampling System	Norway
2024	Shell UK	Penguin FPSO - ProFisc Sample Cylinders	UK - North Sea
2024	OMV	OMV Technology Centre - ProLight Sample Cylinders	Austria
2024	Apache	Beryl Alpha - Multiphase Mini Separator Sampling System	UK - North Sea
2024	Apache	Beryl Bravo - Multiphase Mini Separator Sampling System	UK - North Sea
2024	OKEA	Draugen - Subsea Sampling System	Norway
2024	China France Bohai Geoservices Company Ltd.	Bottom Hole Sampling Tools, Sample Cylinders and supporting equipment	China
2024	Aramco	ProFlush Sample Cylinders	Saudi Arabia
2024	Aibel	Mongstad - Manual Sampling System	Norway
2024	Equinor	Statfjord B - 2 x Manual Sampling Systems	Norway
2024	Wintershall Dea	Technology Centre - ProLight Sample Cylinders	Germany
2024	Aibel	Mongstad - Manual Sampling System	Norway
2024	Chevron Energy	Sand / Solids Sampling System	Bangladesh
2024	Fluid Flow Nigeria	Bottom Hole Sampling Tools, Sample Cylinders and supporting equipment	Nigeria

Sampling Systems

Year	Client	Work Scope	Location
2024	Heriot Watt University	ProLight Sample Cylinders	UK
2024	Chevron Energy	Technology Centre - Sample Cylinders	USA
2024	Total Energies	Technology Centre - Type 5 Severe Service Sample Cylinders	France
2024	Mexican Institute of Petroleum	Technology Centre - Sample Cylinders	Mexico
2024	BP	Murlach & Segull - ProMix Sample Cylinders	UK - North Sea
2024	SGS	Labuan PVT Lab - Type 5 Conventional Sample Cylinders	Malaysia
2023	Total Energies	Elgin - Hg Sampling Scales and Frame	UK - North Sea
2023	Larsen & Toubro	Jafurah - Manual Sampling Systems	India
2023	Chevron Mediterranean	Type 5 Conventional Sample Cylinders	Israel
2023	Doedijns	SBM Yellowtail FPSO - Sample Cylinders	Guyana
2023	Shell	Multiphase Mini Separator Sampling System	Malaysia
2023	OKEA	Draugen - ProMix System in Cabinet	Norway
2023	Energiean Oil & Gas	ProFisc Severe Service Sample Cylinders	Israel
2023	Equinor	Valemon - 12 x Sample Cylinders	Norway
2023	JGC Gulf International	Abqaiq Plants - Manual Sampling Systems	Saudi Arabia
2023	COSL - Expro	20 litre Gas Sample Cylinders	China
2023	Equinor	Mongstad - 30 x Sample Cylinders	Norway
2023	BP	Tortue FPSO - ProMix Oil Conditioning System	Senegal
2023	Equinor	Oseberg - 12 x Sampling Cylinders	Norway
2023	Kimman Process Solutions	Hugin - 9 x ProMix Systems	Norway
2023	Heriot Watt University	ProLight Sample Cylinders	UK
2023	Halliburton	Type 6 Severe Service Single Phase Sample Cylinders	Mexico
2023	Equinor	Troll C - 19 x Sampling Cylinders	Norway

Sampling Systems

Year	Client	Work Scope	Location
2023	Unicamp University	Severe Service Sample Cylinders	Brazil
2023	Stratum Reservoir	Separator Surface Sampling Kit	Mexico
2023	China France Bohai Geoservices Company Ltd.	Bottom Hole Sampling Tools	China
2023	Woodside	Sangomar FPSO - Inert Coated Gas Sample Cylinders	Senegal
2023	Equinor	Kristin - 10 x Sampling Cylinders	Norway
2023	Kimman Process Solutions	Valhall - 2 x ProMix Systems	Norway
2023	Flux	30 x Sampling Cylinders	Brazil
2022	BP Exploration	Clair - Multiphase Mini Separator Sampling System	UK- North Sea
2022	CSIRO	Research Centre - Sample Cylinders	Australia
2022	Rosenberg	Gjøa - Multiphase Sampling Unit (MPSU)	Norway
2022	Woodside	Sangomar FPSO - Riser Manual Sampling Panel	Senegal
2022	Woodside	Sangomar FPSO - Injection Water Sampling Panel	Senegal
2022	Schlumberger	Type 6 Severe Service Inert Coated Single Phase Sample Cylinders	UK
2022	COSL - Expro	20 litre Gas Sample Cylinders	China
2022	OMV	Technology Centre - Conventional Sample Cylinders	Austria
2022	Wintershall Dea	Technology Centre - Conventional Sample Cylinders	Germany
2022	Expro Americas	PVT Laboratory - Type 6 15K Single Phase Sample Cylinders	USA
2022	BP Exploration	ProFisc Sample Cylinders	UK
2022	Advanced CAE	Equinor Bacalhau Project - Production Conventional Sample Cylinders	Singapore
2022	Technip FMC	Gina Krogh - 2 x ProMix Systems	Norway
2022	Heriot Watt University	Conventional Sample Cylinders	UK
2022	Expro Americas	PVT Laboratory - 20K Single Phase Sample Cylinders	USA
2022	Rosenberg	Jotun - Refurbishment Fastloop System	Norway

Sampling Systems

Year	Client	Work Scope	Location
2022	Aker Solutions	20 x Sampling Cylinders	Norway
2022	China France Bohai Geoservices Company Ltd.	Bottom Hole Sampling Tools	China
2022	Turcomp Engineering Services	ProFisc Sample Cylinders	Malaysia
2022	Turkish Petroleum	Type 5 Conventional Sample Cylinders	Turkey
2022	TUV SUD	National Engineering Laboratory - Sample Cylinders	UK
2022	Unicamp University	Type 5 Conventional Sample Cylinders	Brazil
2022	Doedijns	SBM Almirante FPSO - Sample Cylinders	Brazil
2021	BP	Multiphase Mini Separator / Sand Sampling System	Azerbaijan
2021	BP	Fluid Sampling Trolley	Azerbaijan
2021	Total Energies	Technology Centre - Type 5 Severe Service Sample Cylinders	France
2021	Ecopetrol	Technology Centre - Type 5 Conventional Sample Cylinders	Colombia
2021	Mexican Institute of Petroleum	Technology Centre - Conventional Sample Cylinders	Mexico
2021	Flux	Breidablikk - ProMix System in Cabinet	Norway
2021	ExxonMobil Upstream Research	Technology Centre - Type 6 Single Phase Sample Cylinders	USA
2021	FluiMix Ltd.	Severe Service Sample Cylinders	UAE
2021	Anasuria	Multiphase Mini Separator Sampling System	UK - North Sea
2021	Chevron Energy	Technology Centre - Type 5 Conventional Sample Cylinders	USA
2021	Kimman Process Solutions	ProMix System	Norway
2021	RWTH Aachen University	Conventional Sample Cylinders	Germany
2020	Sensia	Nova - 2 x ProMix Systems	Norway

Sampling Systems

Year	Client	Work Scope	Location
2020	Chrysaor	Armada - Export Gas Sampling Panel	UK - North Sea
2020	Shell	Multiphase / Sand Sampling Panel	UK - North Sea
2020	VEMS	Type 5 Conventional Sample Cylinders	Vietnam
2020	ExxonMobil Upstream Research	Technology Centre - Type 6 Single Phase Sample Cylinders	USA
2020	Total Energies	Technology Centre - Type 5 Severe Service Sample Cylinders	France
2020	Equinor	Snorre A - Manual Sampling Table	Norway
2020	Shell Global Solutions	Technology Centre - Type 5 Conventional Sample Cylinders	The Netherlands
2020	BASF	Conventional Sample Cylinders	Germany
2020	SGS	PVT Laboratory - Type 6 15K Single Phase Sample Cylinders	Brazil
2019	Aker Solutions	Yme - 3 x Manual Sampling Systems	Norway
2019	Process Control	Gudrun - 2 x ProMix Systems	Norway
2019	Equinor	Statfjord C - 3 x Manual Sampling Systems	Norway
2019	Emerson	Romania - Manual Sampling System	Norway
2019	Equinor	Kårstø - ProMix System	Norway
2019	Equinor	Mongstad - ProMix System in Cabinet	Norway