

CSI OIL & GAS PTE LTD



11 Tampines St 92 #03-05 Tampines Biz-Hub Singapore 528872

COMPLETE . SOLUTIONS . INTERNATIONAL







CSI is Part of pon Asia



Pon Corporate Center

Pon logistics

Pon Passenger Cars



Pon **Commercial Vehicles**



Pon Automotive Retail



Pon



Pon



Pon Valve International



Pon Material Handling



Pon Equipment



Pon Power



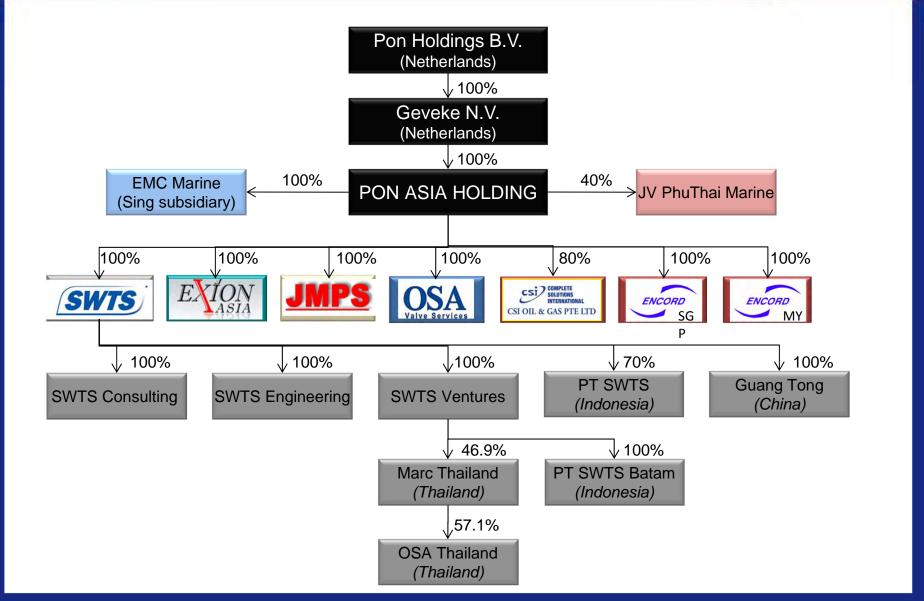
Pon Asia





Legal Org Chart pon Asia









ASIA We are part of the International <u>pon</u> group





Holdings (international)

Sales: 13 billions

Selection of portfolio brands/companies



















Pon

























































Selection of Geographical Presence























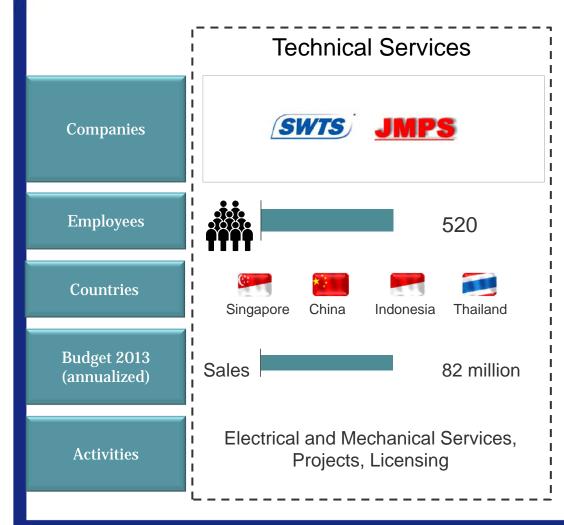








Two Groups Under pon Asia







Products range under Flow Control Solutions



Flow Control Solutions

Valves & Actuators



- Pressure Safety Valves
- Control Valves
- On/Off Valves
- Specialist Capabilities
- Actuators

Pumps



- Centrifugal Pumps and compressors
- Rotary Positive Displacement pumps
- Progressive Cavity Pumps
- Metering Pumps

Instruments



- Flow meters
- Level Switches/Transmi tters
- Electro-pneumatic& DigitalPositioners
- Moisture & Gas Analyzers

Skids



- Air Compressor / Dryer Skids
- Nitrogen Generator Skids
- CO2 Removal
- Chemical Injection
 Skid
- Fuel Gas
 Conditioning
 Package



Company Overview of CSI



CSI Oil & Gas Pte Ltd, an international hub serving the Oil & Gas, Petrochemical, Refinery, Power Generation and Marine Industries within South East Region.

Engineering Products

Distribution of Engineered Products



ISO Certification





Certificate SG11/03313

The management system is



CSI Oil & Gas Pte Ltd

No. 6 Ubi Road 1 #03-09 Wintech Centre Singapore 408728

has been assessed and cartiled as meeting the requirements of

ISO 9001:2008

For the following activities

- Design, Engineering, Procurement, Project Management, Supply & Installation of skild mounted equipment for oil & gas, petrochemical, refinery, power generation and marine industries.
- Sales & Distribution of products, parts and all kinds of equipment for oil & gas, petrochemical, refinery, power generation and marrise industries.

Futher cartications regarding the scape of this certificate and the applicability of ISO 9001-2008 requirements may be obtained by something the organisation

This certificate is valid from 24 January 2011 until 23 January 2014 and remains valid subject to satisfactory surveillance audits.
Re-certification audit due before 21 January 2014 Issue 1. Certified since 24 January 2014

Authorises by



\$05 United Kingdom Dd. Stystems & Services Certification Rosemore Electricis Plot. Effectives Plot. Directive. CH65 3EN. UK. 1 =44 (0)151 300-8666. ft =44 (0)151 350-8600. www.sgs.com

955 900-4 01 0310





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CSI is **ISO9001** : 2008 certified.

The scope of certification for the Company's QMS Management Systems covers:

- Design, engineering, procurement, project management, supply and installation of skid mounted equipment for oil & gas, petrochemical, refinery, power generation and marine industries
- Sales and distribution of products, parts and other all kinds of equipment for oil & gas, petrochemical, refinery, power generation and marine industries



bizSAFE Certification



Date of issue: 29/07/2014



CERTIFICATE

The Workplace Safety and Health Council is pleased to certify that

CSI OIL & GAS PTE. LTD.

has fulfilled the requirements to attain bizSAFE Level 3

This certificate will expire on 23/07/2017

Winston Yew

Deputy Director, Industry Capability Building Workplace Safety and Health Council



Certificate No. E18801

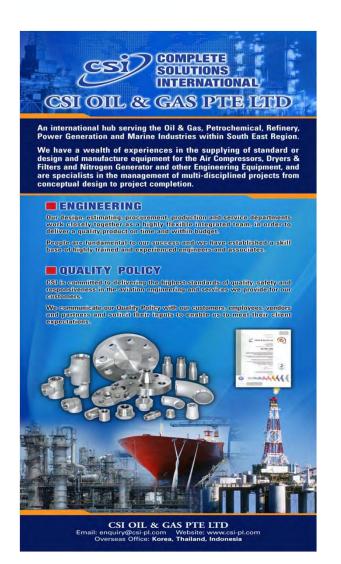
CSI is bizSAFE - Level 3 certified.

- The bizSAFE promotes workplace safety and health through the recognition of safety and health efforts.
- CSI is proud to have received the bizSAFE level 3 certification awarded by the Workplace Safety and Health (WSH) Council on 29 July 2014.
- The certification assures all CSI stakeholders – including staff and industry partners – that CSI is committed towards workplace safety.
- Achieving bizSAFE Level 3 is an important step towards striving for excellence in the WSH management system.



Company Profile





- **We** provide a Complete Solutions International in the engineering consultancy, services, project management and supply of custom built system, and machine Spares parts.
- Our engineers and associates have many years of experience in the field of system integration of mechanical, instrumentation and electrical controls.



Company Profile



- We have a wealth of experience in the supplying of standard or design and manufacturing custom equipment for the Air Compressors, Dryers & Filters, Nitrogen Generator and other engineered equipment, and are specialists in the management of multi-disciplined projects from conceptual design to project completion.
- **We** also have capability to do design and manage the procurement activities in Singapore while the fabrication and testing could be carried our in other countries with the supervision of our project management team.



Oversea Offices / Manufacturing



• CSI manufacturing is focused and based in Singapore within east and west part of the Singapore. However, in order to be competitive in price and delivery, we have other overseas associate partner facilities include at Indonesia in Batam & Jakarta, China, Thailand & Korea.





Quality Policy



•We communicate our Quality Policy with our customers, employees, vendors and partners and solicit their inputs to enable us to meet client expectations.





Mission Statement

CSI is committed to deliver the highest standards of quality, safety and responsiveness in the engineering and services we provide for our customers.

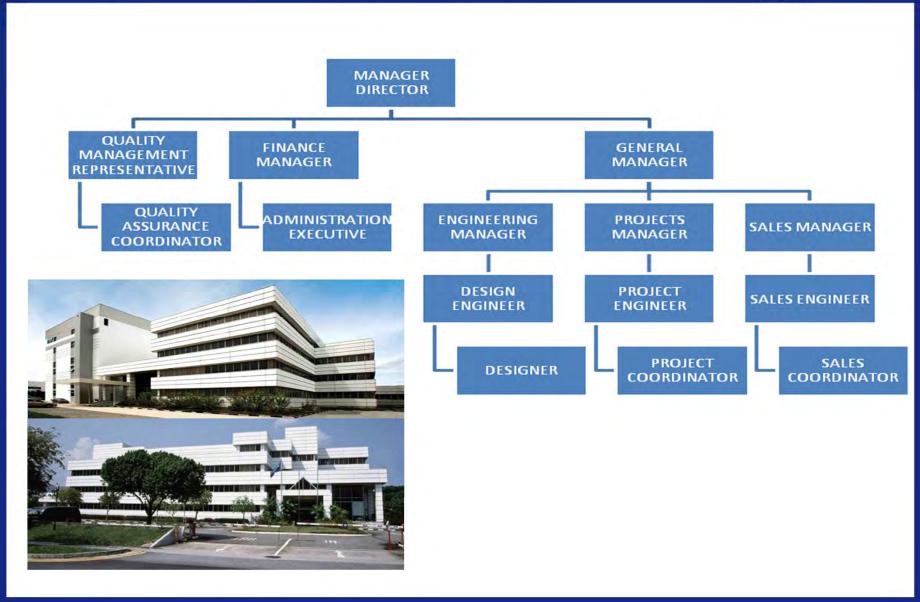
Vision Statement

To become preferred choice by Customer in the Oil & Gas for the engineered equipment for offshore industry.



Organization Chart







Manufacturing Facilities





Korea - Busan Shop



Korea - Mokpo Shop





Indonesia – Batu Ampar ,Batam



Strategic Partners On Engineering Products



- CSI operates with partners in our product offering to meet customers' requirement.
 They are as follows:
 - Atlas Copco / Quincy / Sullair / Garden Denver Air
 Compressors
 - SPX Hankinson / Van Air for Dryers
 - Membranes from On Site / Parker / Air Product for Nitrogen Generators
 - Milton Roy for Chemical Metering Pumps
 - Eprocess for Hydrocyclones in Desander / Deoiler
 - Peco / Peerless / Jord Int'l for Fuel Gas Packages



Strategic Partners On Engineering Products



- Cetal / Ex-Heat for Electric Heater and controller
- Krohne Flow Metering Skid
- Parker Separators and Air Purifiers
- Fire Protection Equipment / Fire Alarm System / Fire
 Fighting Equipment



Endorsement / Collaboration With Manufacturer





February 16, 2011

Ref Nº: 0211-YMAK-8E59TM

CSI Oil & Gas Pte Ltd No 6 Ubi Road 1 #03-09 Wintech Centre SINGAPORE 408726

ATTENTION: MR WONG MING FEI

Dear Mr Wong

RE: PTTEP BONGKOT FIELD-CENTRAL FACILITIES

This is to confirm that Altas Copco (SEA) Pte Ltd will support CSI Oil & Gas Pte Ltd to offer Atlas Copco's compressor if CSI Oil & Gas Pte Ltd participates in the above mentioned project compressor requirement.

CSI Oil & Gas Pte Ltd shall offer Atlas Copco's Compressor as part of their package. Atlas Copco offers all necessary support on the Atlas Copco's equipment.

Yours faithfully

Business Line Manager

cc Mr Long Ai Kok



Industria

Tractors Singapore Limited (Authorized Singapore Sullair Dealer)

26 Benoi Sector Singapore 529858

1st April 2013

To Whom It Concerns

CSI OIL & GAS PTE LTD (thereafter as "CSI") is Tractors Singapore Limited (thereafter as "TSL") preferred strategic partner and air compressor packager. TSL as the Authorized Sullair distributor in Singapore will support CSI in all technical and aftermarket support in term of warranty" matters, service attention and parts requirement supplied by CSI for all Sullair's equipment.

*Sullair & other manufacturer's warranty terms and conditions apply

Yours Sincerely:

loe Yang

Manager, Associated Equipment

Mobile: 92277775

Email: joe.yang.enghuei@tractors.simedarby.com.sg



Endorsement / Collaboration With Manufacturer





4817 ZG Breda

Agency Contract

KROHNE Oil and Gas B.V. Minervum 7441

CSI OIL & GAS PTE LTD No 6, UBI ROAD 1 #03-09 WINTECH CENTRE SINGAPORE 408726

(Hereinafter referred to as "Principal")

(Hereinafter referred to as "Agent")

Whereas, the Principal designs, manufactures and sells certain products and systems (hereinafter referred to as "Products");

Whereas, the Agent has established certain relations with customers in the Territory;

Whereas, the Principal is willing to engage the Agent in order to enlarge his business opportunities within the Territory:

Now, in consideration of all the terms and conditions set out hereunder, the parties convene and agree as follows:

Art. 1 - Appointment

- (1) The Principal hereby appoints the Agent as his sole agent for the Territory of:
- (2) The Agent shall solicit the sale of the Products within the Territory according Annex 1.

Art. 2 - Obligations of the Agent

- (1) The Agent shall endeavor to obtain business in the name and for the account of the Principal and shall serve the interests of the Principal to the best of his ability. He shall not be entitled to enter into any sales contracts with third parties thereby binding the Principal.
- (2) He shall provide all information necessary for the purpose of promoting business, and shall inform the Principal immediately about every order received, thereby transmitting the original of the order so solicited to the Principal for acceptance.

Art. 3 - Obligations of the Principal

- (1) The Principal shall endeavor to support the Agent in obtaining business within the Territory.
- (2) The Principal shall supply to the Agent at regular intervals all information for the conduct of his business. Furthermore he will inform him, without delay, if any order placed has been accepted or refused. He will also inform the Agent without delay, if it is likely that he can only accept orders in parts.

Breda, 01 December 2010

Place, Date

Th.A.J. Koeweiden

Krohne Oil and Gas B.V.

Sales Director SEA

Function:

(For the Agent)

Mike Chee

Function:

General Manager

FUTURE PIPE INDUSTRIES

Future Pipe Industries LLC P.D. Box 62501 Td: +971 4 210 1234 Fax: +971 4 210 1299

Our Ref : SL/0720/10-NT

20 July 2010

To Whom It May Concern

LETTER OF APPOINTMENT

Dear Sir

We. Future Pipe Industries LLC hereby confirm that the following company has been appointed as our working partner / agent for the Offshore market in Indonesia, Singapore and Thailand within our range of fiberglass pipe system.

CSI Oil & Gas Pte Ltd No. 6 Uti Road 1, #03-09 Wintech Centre Singapore 408726

Appointment shall be made effective immediately and can be terminated by either party by giving 30 days notice.

Yours Sincerely

Nick Tong

Area Saes Manager (Asia Pacific)

Sales & Marketing GCC & Asia



Endorsement / Collaboration With Manufacturer







AUTHORIZED DISTRIBUTOR

CSI Oil & Gas Pte Ltd 190, MacPherson Road. #04-05, Royal Sporting House Singapore 348548

The above named company is an authorized representative on non-exclusive basis for Hankison products in Singapore. CSI Oil & Gas Pte Ltd is authorized to solicit orders on behalf of Hankison and is assured of our support for sales, service, warranty and application assistance.

This authorization is valid until December 31, 2010.

THANKISON

January 1, 2010

G. S. Lim Regional Manager

VAN AIR INC

2950 Mechanic Street, Lake City, PA 16423 USA (814) 774-2631 • (800) 840-9906 • Fax: (814) 774-0778 E-Mail: vanair@vanairsystems.com • www.vanairsystems.com

January 22, 2010

To Whom It May Concern:

I am writing to confirm that Mr. David Theng, on behalf of CSI Oil & Gas Pte Ltd., has been duly appointed to represent the full range of products of Van Air Systems in geographies including, but not limited to, Singapore, Malaysia, Thailand, Vietnam, and Indonesia.

I am glad to respond to any questions that you may have.

tcurrie@vanairinc.com







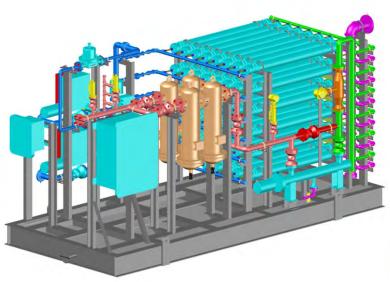


SPX DEHYDRATION & RETRATION 1000 PHILADELPHIA STREET



Engineering Modeling



























A customized Air Compressor with PLC & HMI package for Yolla Project in Australia







A customized Air Dryer package for Yolla Project in Australia



Air Compressor





A customized Air Compressor package for Chevron Saturn CPP Project



Compressors







Compressors







A customized Compressor package for Chevron in Thailand



Starting Air Compressors







A customized Marine Startup Air Compressor package for P53 Petrobras FPU Conversion Project







Starting Air Compressors







Air Dryer





A customized Air Dryer package for Bukit Tua FPSO for M3NERGY



Nitrogen Generator







Nitrogen Generator





A customized Nitrogen Generator package for Yolla Project in Australia



Emergency Diesel Generator





A customized Emergency Diesel Generator package for Banuwati-K Project



Dryer / Nitrogen Generators









Static Equipment









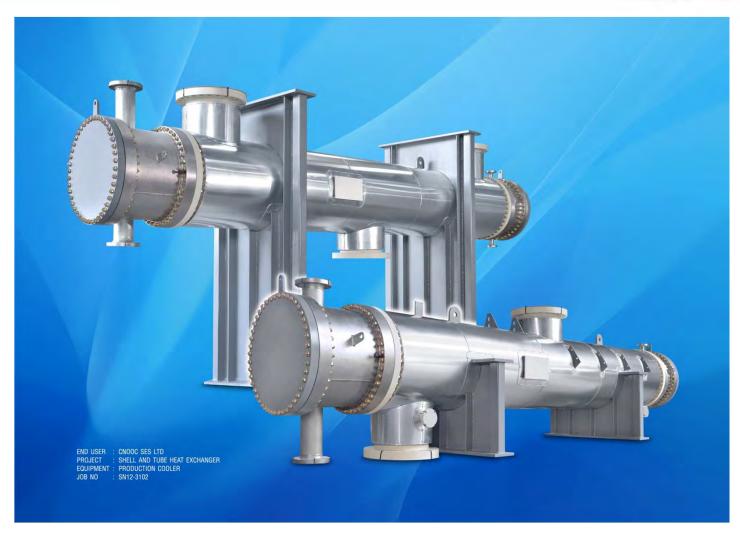






Heat Exchangers





A customized Heat Exchanger (shell & tube) package for CNOOC SES LTD



Chemical Injection Packages





Corrosion Inhibitor Skid Package for GSPC – NIKO Resources Ltd



Chemical Injection Packages





Batch Corrosion Inhibitor Skid Package for EMEPMI



Pump Packages





Open Drain Pump Skid for Petronas Carigali Vietnam



Pump Packages





Closed Drain Sump Pump Skid for CPOC



Pump Packages







Mechanical & Process Packages









Mechanical & Process Packages







Metering Skid Packages



KROHNE













Metering Packages



KROHNE











SKM Head Office Sharjah, United Arab Emirates





SKM with premium international quality Air Conditioning equipment and commitment to total customer satisfaction, is proud to have its equipment work efficiently in various geographic locations like:



UAE | Saudi Arabia | Kuwait | Bahrain | Qatar | Egypt | Lebanon | Jordan I Oman | India | Tanzania | Syria | Libya | Yemen | Thailand | Pakistan I Bangladesh | Iran | Iraq | Sudan | Philippines & Eritrea





Certifications



ISO 9001 2008 ISO 14001 2004 **OHSAS 18001 Bureau Veritas Certification**



Certified Performance for

AHRI

CW/HW Coils

Eurovent Certified Check ongoing validity of certificate www.certiflash.com @ Certiflash

CERTIFIED PERFORMANCE



CE Certified



Certified Testing Laboratory



ISO 9001-2008, ISO 14001-2004, OHSAS 18001 AHRI Certified - Chilled Water / Hot Water Coils Eurovent Certified for MAH/AHU, CE, TUV-SUD Middle East Certified Laboratory / TUV-SUD Industrie Service GmbH, Germany Capacity tested for PACL Series

Brands:

















































































Air Handling Unit



Chiller Unit



Packaged Unit



Condensing Unit



Split Unit



Decorative Unit



Fan Coil Unit



Swimpool Unit



Ducted Mini Split Unit















LIST OF SELECTED OFFSHORE PROJECTS

s. NO.	PROJECT TITLE	PROJECT LOCATION	SCOPE	CLIENT	UNIT DETAILS		No. of Concession of Concessio		
					UNIT TYPE	CAPACITY RANGE	REMARKS	BUILDING TYPE	YEARS OF SUPPLY
a)	PS2 & PS3 PLAT FORM (QATAR)	QATAR	SUPPLY	QATAR PETROLIOUM	- SPLIT UNITS - PACKAGE UNITS	4 TR TO 12 TR	EXPLOSSION PROOF UNITS WITH R-134A	Substations, Instrument Equipment Shelters & Main Control Building	2003
2	MAERSKOIL (3 PACKAGES)	QATAR	SUPPLY	MAERSK OIL	-WATER COOLED CHILLERS -AIR HANDLING UNITS	45 TR TO 120 TR 4500 CFM TO 30000 CFM	SEA WATER COOLED CHILLERS WITH STAINLESS STEEL CONSTRUCTION	Plat Form and Rig	2002 TO 2008
3	RAS LAPPAN CCIW PROJECT	QATAR	SUPPLY	QATAR PETROLIOUM	-CONDENSING UNITS -AIR HANDLING UNIT	17 TR TO 90 TR 2500 CFM TO 42000 CFM	UNITS WITH R- 134a & selected based on 52C	Substations, Instrument Equipment Shelters & Main Control Building	2006
•	DEENDAYAL FIELD DEVELOPMENT - GSPC PROCESS GUM LIVING QUARTERS PLATFORM	INDIA	SUPPLY	CONTROL CONTRACTING	-AIR HANDLING UNITS -CHILLERS	3200CPM TO 32000CPM 42 TR to 225 TR	EXPLOSSION PROOF UNITS WITH R-134A	Plat Form and Quarters	2012







Fire Fighting Protection Equipment



Our Product Ranges

- Automatic High Velocity PV Valve Tekno Mar Gemicilik
- CO2/FM-200 System Marine Fire
- Deluge Valves Cla-Val, OCV
- Dual Agent Skid / Dry Chemical Skid Mechfire
- Fire Monitors & Hand line Nozzles Protek
- Helideck Foam System Matre Maskin, Norway
- Helicopter Refueling System Sypack
- High & Low Expansion Foam System Chemguard
- Water Mist System Ultrafog SA & X-Mist TankTech



















Fire Fighting Skids





Deluge Valves Project for Tanga Barat Central Processing Platform in Malaysia



Fire Fighting Skids







4" Deluge Valve Skid (MP/08/07/CPOC) - Malaysia

Twin Agent Skid (MP/08/08/TAS) - Singapore



Fire Fighting Skids





CO2 Snuffing System (MP/08/09/CO2SP) –Vietnam



Deck Foam System (MP/08/12/FFMS) – China



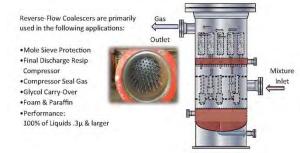
ASIA

Coalescer Filters & Separators



Reverse-Flow Coalescer

Reverse-Flow Coalescers are used where ultimate efficiency for separating smaller particles is required. These units can be combined with other separation devices to ensure proper efficiency and/or promote element life. These units are designed for 2-stage separation, similar to the filter separators; however in the coalescer configuration, the elements provide finer particle removal and flow from inside to out. Typically the first stage consists of a basic inlet baffle, multi-cyclone or vanes. The second stage elements coalesce the liquid droplets into larger particles that are gravity separated exiting the elements. These units are available in vertical installation.



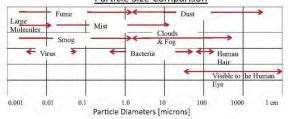
Separation Process

SPS utilizes mechanical separation in the following common applications:

- •Solids from Gas or Liquids
- Liquid from Liquid w/ Gas (3-Phase)
- •Liquids from Gas
- •Solids & Liquids from Gas

Utilizing SPS's most efficient method of separation, we are able to remove .3 μ particles from the gas stream.

Particle Size Comparison





•3-Phase Separator

•Sand Trap Separator

• Fuel Gas Skid

• KO Drum

· CFD Study

• Retrofit

Schultz Process Services, Inc. (SPS) specializes in state of the art mechanical separation technology. Our product line offers the latest in separation technology and includes:

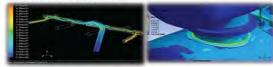
- •Vane Separator (Patent Approved)
- Filter Separator
- Multi-Cyclone
- •Reverse-Flow Coalescer
- •Gas Filter
- · LAPS (Laser Accuracy Performance Study)
- Fabrication

SPS utilizes over 150 years experience specializing in the separation industry to provide the most efficient & economical solution for your processing needs. We are dedicated to working with clients to achieve their processing requirements and offering alternative solutions on a case-by-case basis. SPS prides itself on service to our customers and has a proven track record of managing projects efficiently while providing quick turn-around proposals as well as expediting deliveries.

"Service may be our last name, but it's our first priority"
- Don Schultz, President

Product Support

SPS is committed to providing high quality products that operate efficiently and effectively. Support is continuously verified through use of the latest technology including FEA, CFD, Laser Accuracy Performance Services (LAPS), production prototype testing, both in house and in the field.



SPS Regional Representatives

Eastern US: PA, OH & WV: Centri Dyne - CDRandymorris@aol.com Tel: 412-856-5300

Central US: AR, KS, & OK: APEX Insturments - nick@apex-instruments.com Tel: 918-906-0788

NE: APEX Instruments - patrick@apex-instruments.com Tel: 303-506-5925

Houston: Gulf Coast Engineering Solutions, inc. - bryan@gces-inc.com Tel: 281-685-6621

Mountain US: CO, WY & ND: Nichols Given - bg@ngainc.com Tel: 303-773-1404

MT & SD: APEX Instruments - jared@apex-instruments.com Tel: 307-259-5115

Western US: AZ & NM: APEX Instruments - jean@apex-instruments.com Tel: 505-609-0582

ID & UT: APEX Instruments - daye@apex-instruments.com Tel: 801-884-7014

Mexico: Octopus - lact@octopus-grp.com Tel: 01-728-285-4640

Canada: Petromesh - rod.bratton@petromesh.com Tel: 403-301-0111



Keeps the Energy Industry Moving





Houston, TX (281) 894-2100 www.spshouston.com





Coalescer Filters & Separators



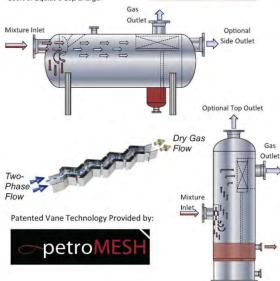
Vane-Type Separator

SPS utilizes enhanced double-pocket (EDP-Patented) vane technology under a license agreement with Petromesh-Canada. The "EDP" vane technology offers higher capacity using innovative compact designs that allows greater vapor flow with better efficiency. Vane-Type Separators are designed to remove liquid particles from a vapor stream with high efficiency and low pressure drops. The entrained liquid particles are captured and removed through impaction against the vane blades & channeled from the vapor stream. SPS can design these separators for either Horizontal or Vertical installation.

Gas Separators are primarily used in the following applications:

- Slug Catchers
- Metering stations
- Compression Stations
- Pipelines
- •Chemical Plants
- •Performance: 100% of Liquids 8-10μ & larger





Filter Separator

Filter Separators are utilized when higher efficiency for separating smaller particles are required. Filters are typically used on suction stages of compressor runs, where solids and other particulate are present. Filter Separators incorporate 2 technologies (Filter Cartridge & Vane Unit); when in unison, these technologies are able to offer 3μ removal efficiency. These units are also available in either Horizontal or Vertical configuration. SPS has designed a compact model for use with fuel gas that requires only 1 set of instrumentation for liquid level control.

Filter Separators are primarily used in the following applications:

- Fuel Gas Condition for Engines and Turbines
- Compression Stations
- Chemical Process
- Performance: 100% of Solids
 AND Liquids 3µ & larger;
 99.5% of Solids .3µ & larger





Multi-Cyclone Separator

Multi-Cyclones are designed to remove solids, heavy liquids & large amounts of debris from a vapor current. SPS has standardized on 316/316L cyclone construction, creating a very robust mechanical design that has the capacity to remove: wax, rust, foam, paraffin, solids, heavy particulate, emulsions, & various difficult applications. Since the removal efficiency is directly related to the radius of curvature, SPS has standardized on installing a fixed radius of multiple cyclones in a separator varying on process conditions. While the only drawbacks associated with cyclones are turndown restrictions and pressure drop, multi-cyclones NEVER require maintenance and depending on allowable ΔP, are designed to fit in smaller vessels.

Multi-Cyclones are primarily used in the following applications:

- •Slug Catchers
- Difficult Applications
- Compression Stations
- Pipelines
- •Foam & Paraffin
- •Performance: 100% of Liquids 8-10μ & larger 100% of Solids 5-7μ & larger

As seen in Fig. A, the solid and liquid particles are removed from the gas current through centrifugal separation, Particulates enter the scroll openings and are forced down the cone in a cyclonic motion, creating a film-type layer of solids and liquids inside the bullet nose shell. The stream continues down into the nose until it reaches the lower mid portion of the cone. Only the lighter phase (vapor stream) can make the turn into the exit tube; the heavier phase contaminates (liquids and solids) are forced down the cone and exit through the bottom outlet.







Coalescer Filters & Separators







Coalescer Filters & Separators



3-Phase Separator



Details

- · Gas Oil Water separation
- · Performance:

Gas phase: 100% liquid removal 8-10 microns and larger

Oil in water: <1,000 ppm or 0.1% by volume

Water in oil: 5,000 ppm or 0.5% by volume

Related



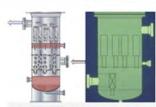
Multi-cyclone Separator
Gas – liquid & Solid separation
Performance:...



Dry Gas Filter Gas – Solid Filtration Performance: 100% solid...



Filter Separator Gas – liquid & Solid separation Performance:...



Filter Coalescer Gas - Liquid Coalescing, or Gas



Our Markets



Our main markets are in Oil & Gas, Marine, Petrochemical, Refinery and Power Generation

- Singapore
- Thailand
- Korea
- Indonesia
- Vietnam
- China
- Malaysia
- Brunei





Your Preferred Supplier



