



Pall Corporation

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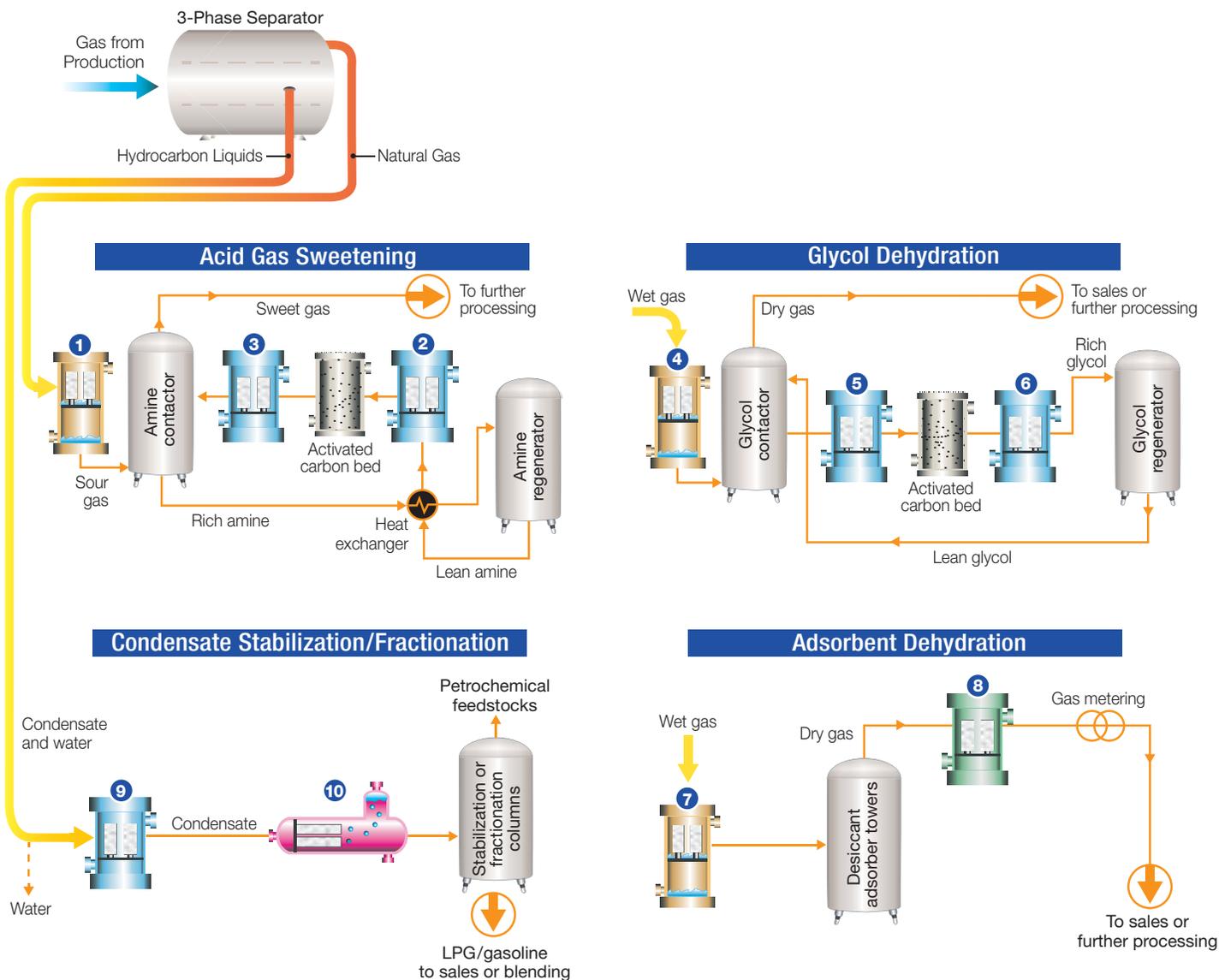
## Optimize Your Midstream Business Solutions for Safe, Efficient, Reliable Operations

Gas Plants



*Filtration. Separation. Solution.<sup>SM</sup>*

# Typical Filtration and Separation Applications at Gas Processing Plants



## Acid Gas Sweetening

	Application	Technology	Application Benefits
1	Amine contactor protection	Liquid/gas coalescers to stop incoming liquids and solids	Control foaming, solvent losses, off-spec gas, fouling of contactor, exchanger and regenerator
2	Upstream of amine loop activated carbon bed	Liquid particle filters to control amine loop solids	Extend carbon bed life: control foaming, off-spec gas, amine loop fouling
3	Downstream of amine loop activated carbon bed	Liquid particle filters to control carbon fines	Eliminate carbon fines contamination of the amine loop leading to foaming and fouling

## Glycol Dehydration

	Application	Technology	Application Benefits
4	Glycol contactor protection	Liquid/gas coalescers to stop incoming liquids and solids	Control foaming, solvent losses, off-spec gas, fouling of contactor, exchanger or regenerator
5	Upstream of glycol loop activated carbon bed	Liquid particle filters to control glycol loop solids	Extend carbon bed life: control foaming, off-spec gas, glycol loop fouling
6	Downstream of glycol loop activated carbon bed	Liquid particle filters to control carbon fines release	Eliminate carbon fines contamination of the glycol loop leading to foaming and fouling

## Adsorbent Dehydration

	Application	Technology	Application Benefits
7	Desiccant bed protection	Liquid/gas coalescers to remove incoming liquids	Remove liquid water and hydrocarbons that shorten desiccant life
8	Downstream protection	Gas particle filters to control desiccant fines release	Protect metering, downstream processes and other instrumentation from abrasive desiccant fines

## Condensate Stabilization/Fractionation

	Application	Technology	Application Benefits
9	Prefiltration prior to liquid/liquid coalescer	Liquid particle filters to control solids from production and transport	Ensure long life of the coalescers, eliminate particulate fouling of the stabilizer columns
10	Stabilizer column protection	Liquid/liquid coalescers to remove water and brine	Protect stabilizer columns from brine-initiated corrosion and fouling

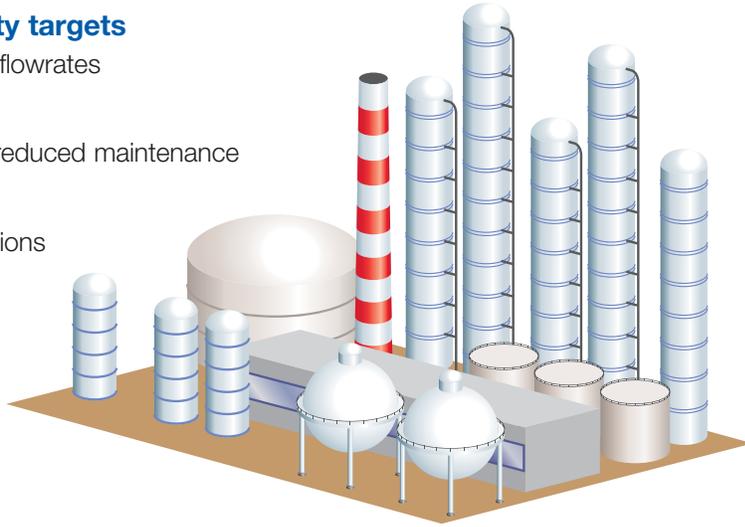
### Experience Matters

Don't take our word for it. Just ask the thousands of oil and gas engineers around the world why Pall is their supplier of choice for filtration and separations solutions in their plants. Ask them about the reliability and consistent output from the >1400 Pall systems installed in their acid gas sweetening, glycol dehydration, condensate stabilization, and other critical processes. Let them tell you how our extended filter life and simple maintenance protocols save them time that can be spent on value-add process improvements.

**Contact Pall today and let us put our 50+ years of experience to work for you.**

# Plant optimization → Bottom line performance

- ✓ **Meet or exceed productivity targets**  
through higher, more consistent flowrates
- ✓ **Beat cost targets**  
through improved reliability and reduced maintenance
- ✓ **Control filtration costs**  
with our 'Priced to Protect' solutions
- ✓ **Ensure consistency**  
with quick turnaround product  
and service availability



## Why Pall?

For over 65 years, Pall Corporation has been solving complex contamination problems for our customers around the world. As a recognized leader in the field of filtration, separation and purification technologies, our products and services enable our Oil and Gas customers to meet stringent regulatory requirements while increasing productivity, reliability and safety to reduce total cost of ownership. Our advanced technologies enable improved product quality and consistency to keep our customers satisfied.

Find out how we can help you protect your gas processing plant from contaminants that can lead to costly production losses, unscheduled downtime, process excursions and upsets, excessive corrosion, and harmful deposits in critical process tanks. Contact Pall today to see how we can help you protect your valuable assets.



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