

# NATURAL GAS RECLAMATION



As a result of the rise in Greenhouse gases, the reclamation of methane gas through a variety of methods has become more prevalent. The decomposition of municipal solid wastes (MSW) and organic matter releases a natural gas with high methane content. Coyle Supply has been proud to serve customers in digester gas, biogas, landfill gas, farm clusters and other reclamation projects across the country.

## Valves and Actuation

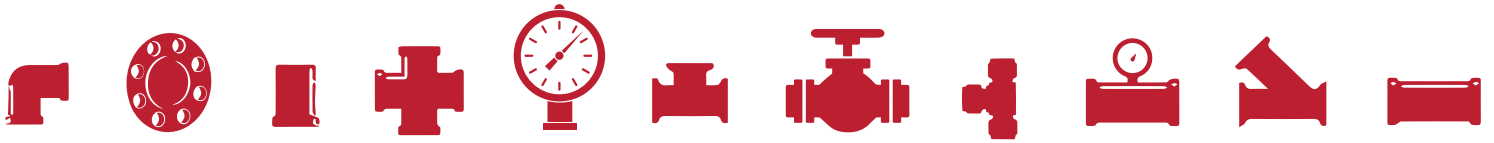
Due to the combustible nature of the reclaimed gas, Class 1 / Div. 1 and Class 1 / Div. 2 products are typically required. Along with specified safety standards, pressure class ratings can vary from Class 150, 300 and up to 600 psi. Natural gas producers rely on pneumatic or electric actuated isolation valves, emergency shutdown valves and safety relief valves to ensure safe operations of their facility.

## Valves

Butterfly -- High performance • Rubber seated • Emergency shutdown • Flare isolation  
Control -- Segmented ball (V-port) • Linear style globe  
Ball -- Emergency shutdown • Flare isolation  
Solenoid -- Air • Gas • Liquid

## Actuation

Pneumatic • Electric  
Single / Double acting • Spring return  
On / Off • Full Modulating • Fail open • Fail close • Fail in place



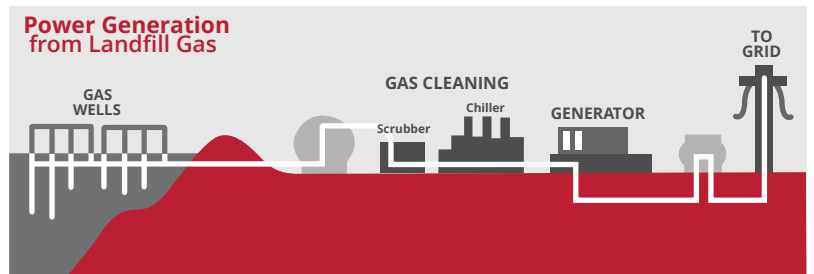
## Filtration

Landfill gas (LFG) naturally contains particulate and entrained moisture. Inadequate filtration can lead to extraction system damage, heat exchanger fouling and potential safety risks. Process filtration products include primary and secondary stage filtration for moisture and impurity removal.

Coalescer • Bag filters • Cartridge filters  
 304 • 316 • Activated carbon • Polypropylene  
 Performance • 0.6 µm to 250 µm

## Pipeline Specialties

Pressure regulators  
 Pressure & Temperature transmitters  
 Strainers • Flanged and cone  
 Process pressure guages & thermostats



## Authorized Distributor

ABZ • Apollo • ASCO • AT Controls • Donaldson Filtration • Dwyer • El-O-Matic • Fisher  
 Flowserve • Georg Fischer • Hayward • Keckley • Magnatrol • Metalflex • Mueller  
 Norriseal Wellmark • Numatics Rosemount • Sharpe • Titan • Trecice • Triac • Warren  
 Controls Watson McDaniel • Westlock

## Authorized Reseller

Armstrong • Bettis • Bell & Gossett • Claval • Dynaflo • Enardo • Kunkle • Lesser • PMV  
 Siemens • Technitrac



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