APPLICATION #1

Fuel Gas to waste heat burners
Process Fluid: Natural Gas
SG: .65
MW: 18.85
Flow Rate: 0-0.57 MMSCFD
Operating Pressure: 60 PSI
Operating Temperature: 100°F

APPLICATION SOLUTION
McCrometer V-Cone
2 150# RF
Flanges Tube and Cone 304 SS
DP: -50"WC
Turndown: 10 to 1

APPLICATION #2

Fuel Gas to Turbine Generators
Process Fluid: Natural Gas
SG: .65
MW: 18.85
Flow Rate: 2.8-6.50 MMSCFD
Operating Pressure: 215 PSI
Operating Temperature: 100°F

APPLICATION SOLUTION
McCrometer V-Cone
4" 150# RF
Cone 304 SS
Tube and Flanges: CS
DP: 0-50"WC
Turndown: 10 to 1
APPLICATION #1

I.P. Separator
Process Fluid: Natural Gas
SG: .7
MW: 20.03
Flow Rate: 0-200 MMSCFD
Operating Pressure: 1500 PSI
Operating Temperature: 130°F

APPLICATION SOLUTION
McCrometer V-Cone
10" 900# RTJ
Cone 304 SS
Tube and Flanges: CS
DP: 0-50"WC
Turndown: 10 to 1

APPLICATION #4

L.P. Separator
Process Fluid: Natural Gas
SG: .95
MW: 26.1
Flow Rate: 2-15 MMSCFD
Operating Pressure: 150 PSI
Operating Temperature: 100°F

APPLICATION SOLUTION
McCrometer V-Cone
6" 150# RF
Cone 304 SS
Tube and Flanges: CS
DP: 0-50"WC
Turndown: 10 to 1
APPLICATION #5

Bulk Oil Degasser
Process Fluid: Natural Gas
SG: .90
MW: 26.1
Flow Rate: 0.3-1.80 MMSCFD
Operating Pressure: 30 PSI
Operating Temperature: 120°F

APPLICATION SOLUTION
McCrometer V-Cone
4" 150# RF
Cone 304 SS
Tube and Flanges: CS
DP: 0-50"WC
Turndown: 10 to 1

APPLICATION #6

Gas from VRU Cooler FGC Suction
Process Fluid: Natural Gas
SG: .9
MW: 26.1
Flow Rate: 0.5-4.00 MMSCFD
Operating Pressure: 150 PSI
Operating Temperature: 120°F

APPLICATION SOLUTION
McCrometer V-Cone
4" 150# RF
Cone 304 SS
Tube and Flanges: CS
DP: 0-50"WC
Turndown: 10 to 1
**APPLICATION #2**

**FGC Discharge to Scrubber**
Process Fluid: Natural Gas  
SG: .7  
MW: 20.03  
Flow Rate: 10-25 MMSCFD  
Operating Pressure: 1600 PSI  
Operating Temperature: 120°F

**APPLICATION SOLUTION**  
McCrometer V-Cone  
4" 900# RTJ  
Cone 304 SS  
Tube and Flanges: CS  
DP: 0-50"WC  
Turndown: 10 to 1

**APPLICATION #8**

**Cond. Flash Separator**  
Process Fluid: Natural Gas  
SG: .7  
MW: 20.03  
Flow Rate: 8-15 MMSCFD  
Operating Pressure: 500 PSI  
Operating Temperature: 50°F

**APPLICATION SOLUTION**  
McCrometer V-Cone  
4" 300# RF  
Cone 304 SS  
Tube and Flanges: CS  
DP: 0-50"WC  
Turndown: 10 to 1
APPLICATION #9

Cond. L.P. Separator
Process Fluid: Natural Gas
SG: .7
MW: 20.03
Flow Rate: 3-10 MMSCFD
Operating Pressure: 170 PSI
Operating Temperature: 100°F

APPLICATION SOLUTION
McCrometer V-Cone
4" 1SO# RF
Cone 304 SS
Tube and Flanges: CS
DP: 0-50"WC
Turndown: 10 to 1

APPLICATION #10

H.P. Separator
Process Fluid: Natural Gas
SG: .7
MW: 20.03
Flow Rate: 100-200 MMSCFD
Operating Pressure: 1500 PSI
Operating Temperature: 130°F

APPLICATION SOLUTION
McCrometer V-Cone
10" 900# RTJ
Cone 304 SS
Tube and Flanges: CS
DP: 0-50"WC
Turndown: 10 to 1
APPLICATION #11 & #12

Waste Heat Recovery Unit
Process Fluid: Hot Water
SG: 1.03
Flow Rate: 450-650 GPM
Operating Pressure: 330 PSI
Operating Temperature: 300°F

APPLICATION SOLUTION
McCrometer V-Cone
6" 300# RF
Cone 304 SS
Tube and Flanges: CS
DP: 0-50"wc
Turndown: 10 to 1

Units were approved by MMS to use on allocation applications in the Gulf of Mexico. BP and Pennziol are Shell's customers and the units have been approved for allocation measurement on this project.