

APPLICATION #1

Fuel Gas to waste heat burners

Process Fluid: Natural Gas

SG: .65

MW: 18.85

Flow Rate: 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 MMSCPD

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 SQ

Bulk Oil Degasser
Process Fluid: Natural Gas
SG: .90
MW: 26.1
Flow Rate: .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 1/2 ISO# RF t
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 1/2 900# 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.