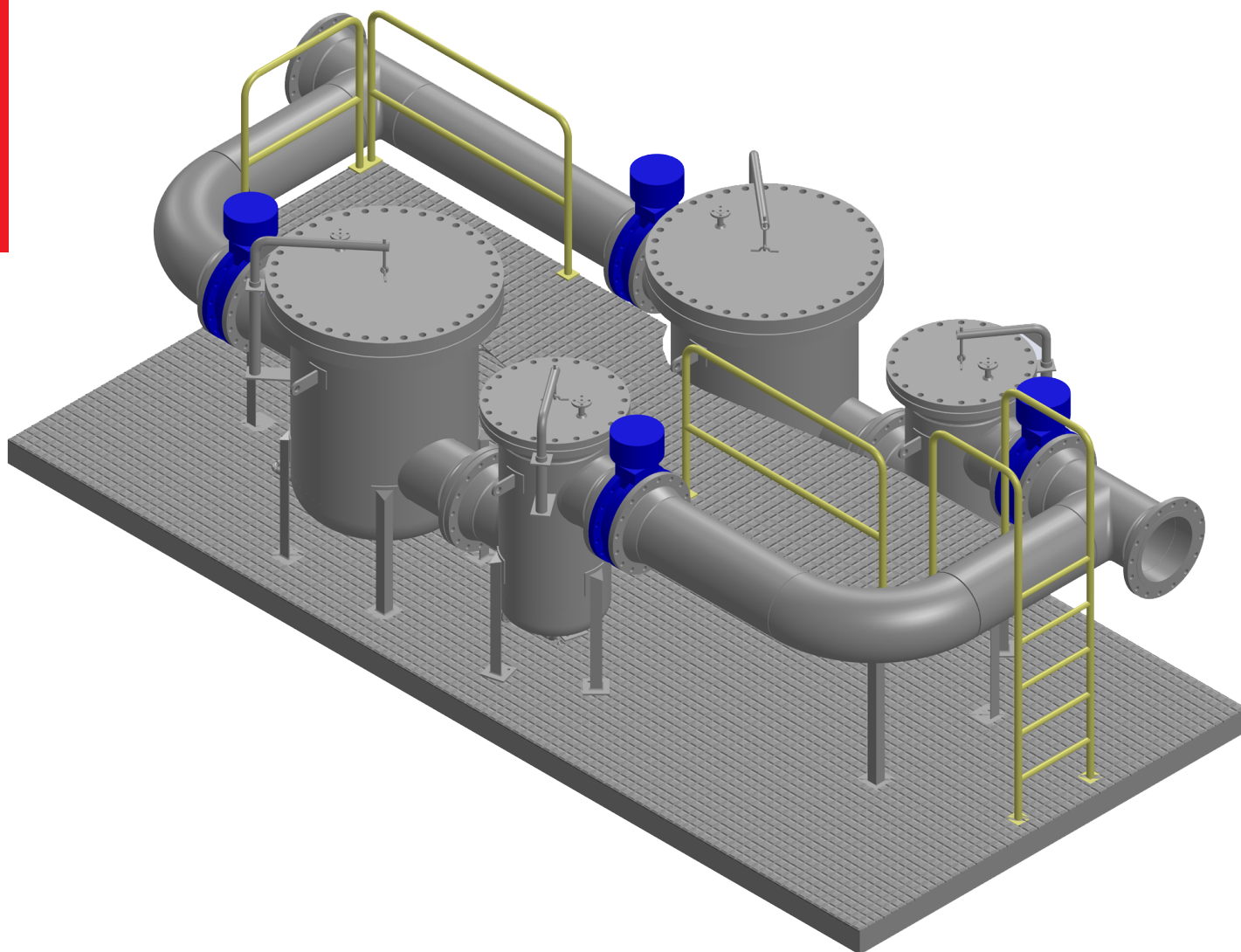


Fluid Conditioning Systems

Multi - Phase Separation



Oil Conditioning Skids

Applications

- Distillate marine fuel oils per ISO 8217 & similar
- Residual marine fuel oils per ISO 8217 & similar
- Fuel oil grades per ASTM D396 & similar

Functions

- Free water content control
- Particulate contaminant content control
- Temperature control

Gas Conditioning Skids

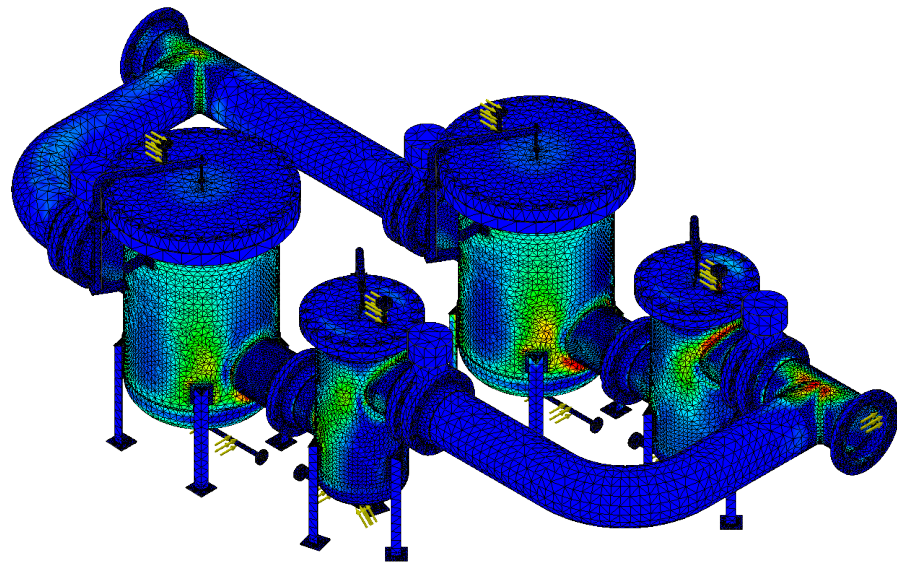
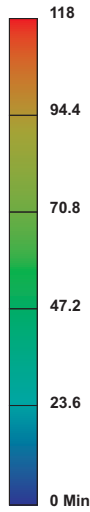
Applications

- Natural gas (all forms)
- Synthesized gases (biogas, coal gas, etc)

Functions

- Free water/moisture content control
- Oil content control
- Particulate contaminant content control
- Pressure control

Elements:599229
Type: Von Mises Stress
Unit: MPa
09-09-2015, 15:48:01



Oil Conditioning Skids

Housing Materials of Construction

- Carbon steels
- Low temperature carbon steels
- Austenitic stainless steels

Internals Materials of Construction

- Woven metallic media
- Non-woven hydrophobic media
- Non-woven oleo-phobic media

Features

- Customizable to deliver customer specified output parameters
- Skid mounted system with 'plug and play' design
- Solids filtration down to 4 micron at 99.9% efficiency
- Intermittent phase (liquid) carryover less than 200 ppm by volume
- Low pressure drop (ΔP) across the system
- High terminal ΔP (1.8 bar standard), hence low opex
- Thread free sealing of elements
- In-house clean room manufacturing of elements
- PLC driven automation when required
- ASME Code stamped vessels as option

Gas Conditioning Skids

Housing Materials of Construction

- Carbon steels
- Low temperature carbon steels
- Austenitic stainless steels

Internals Materials of Construction

- Woven metallic media
- Non-woven hydrophobic media
- Non-woven oleo-phobic media

Features

- Customizable to deliver customer specified output parameters
- Skid mounted system with 'plug and play' design
- Solids filtration down to 0.3 micron at 99.5% efficiency
- Intermittent phase (liquid) carryover less than 10 ppm by volume
- Moderate pressure drop (ΔP) across the system
- High terminal ΔP (1.8 bar standard), hence low opex
- Thread free sealing of elements
- Two stage separation when required: gravity separators and high efficiency coalescers
- PLC driven automation when required
- ASME Code stamped vessels as option

Industry Used In

- ◆ Oil & Gas
- ◆ Power Generation
- ◆ Environmental
- ◆ Marine
- ◆ Aviation



Sungov Engineering Private Limited
K27 Ambattur Industrial Estate
Chennai – 600049, India
P: +91 4426359940 F: +91 4426501408
exportsales@sungov.com | www.sungov.com

Sungov Asia Pacific Private Limited
1, North Bridge Road, #19-04 / 05
High Street Center, Singapore 179094
P: +65 63378091 F: +65 63378094
sales@sungov.sg | www.sungov.sg

Sungov Engineering (M) Sdn. Bhd.
Suite 1705A, Level 17, Menara Landmark
12 Jalan Ngee Heng, 8000 Johor Bahru, Malaysia
P: +60 122898369 F: +60 321784313
sales@sungov.com.my | www.sungov.com.my