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#Jenny



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#Rio



Cool! I'am really happy

#Markus Jensen



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My friends are so mad that they do not know how I have all the high quality ebook which they do not!

#Diego Butler



so many fake sites. this is the first one which worked! Many thanks

Appendix A – Gas Mixture Compositions

| Gas composition | Natural Gas Mixture | Mixed Refrigerant | CO ₂ Gas Mixture |
|-----------------|---------------------|-------------------|-----------------------------|
| Methane | 0.829700 | 0.757800 | 0.041018 |
| Nitrogen | 0.060810 | 0.079780 | 0.001157 |
| Carbon dioxide | 0.029480 | 0.000000 | 0.949750 |
| Ethane | 0.042890 | 0.002530 | 0.005496 |
| Propane | 0.021700 | 0.024720 | 0.001545 |
| n-Butane | 0.005128 | 0.047480 | 0.000393 |
| i-Butane | 0.001188 | 0.121513 | 0.000508 |
| n-Pentane | 0.001838 | 0.000078 | 0.000111 |
| i-Pentane | 0.001028 | 0.001318 | 0.000220 |
| n-Hexane | 0.001100 | 0.000000 | 0.000045 |
| n-Heptane | 0.004157 | 0.000000 | 0.001103 |
| Water | 0.000010 | 0.000000 | 0.000000 |
| Ethylene | 0.000000 | 0.338900 | 0.000000 |
| Propylene | 0.000000 | 0.000270 | 0.000000 |

Appendix B – Tabulated values of Z and k of the gas compositions for various EOS

NIST, GERG, AGAS and PR EOS calculations are done via REFPROP software. RK, SRK, LKP and BWRS-NS calculations are compiled by the authors independently.

| Factors for α | Temp. K | Pure Methane | | | | 1.868150 | 1.896 | 1.874 | 1.86 |
|----------------------|---------|--------------|-------|-------|-------|----------|-------|-------|------|
| | | 1.868150 | 1.896 | 1.874 | 1.86 | | | | |
| EOS | 1.86 | 0.967 | 0.967 | 0.967 | 0.967 | 0.967 | 0.967 | 0.967 | |
| GerG | 1.86 | 0.967 | 0.967 | 0.967 | 0.967 | 0.967 | 0.967 | 0.967 | |
| AGAS | 1.86 | 0.967 | 0.967 | 0.967 | 0.967 | 0.967 | 0.967 | 0.967 | |
| PR | 1.86 | 0.967 | 0.967 | 0.967 | 0.967 | 0.967 | 0.967 | 0.967 | |
| RK | 1.86 | 0.967 | 0.967 | 0.967 | 0.967 | 0.967 | 0.967 | 0.967 | |
| SRK | 1.86 | 0.967 | 0.967 | 0.967 | 0.967 | 0.967 | 0.967 | 0.967 | |
| LKP | 1.86 | 0.967 | 0.967 | 0.967 | 0.967 | 0.967 | 0.967 | 0.967 | |
| BWRS-NS | 1.86 | 0.967 | 0.967 | 0.967 | 0.967 | 0.967 | 0.967 | 0.967 | |

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