



Wilson-Mohr Glycol Regen Control Systems

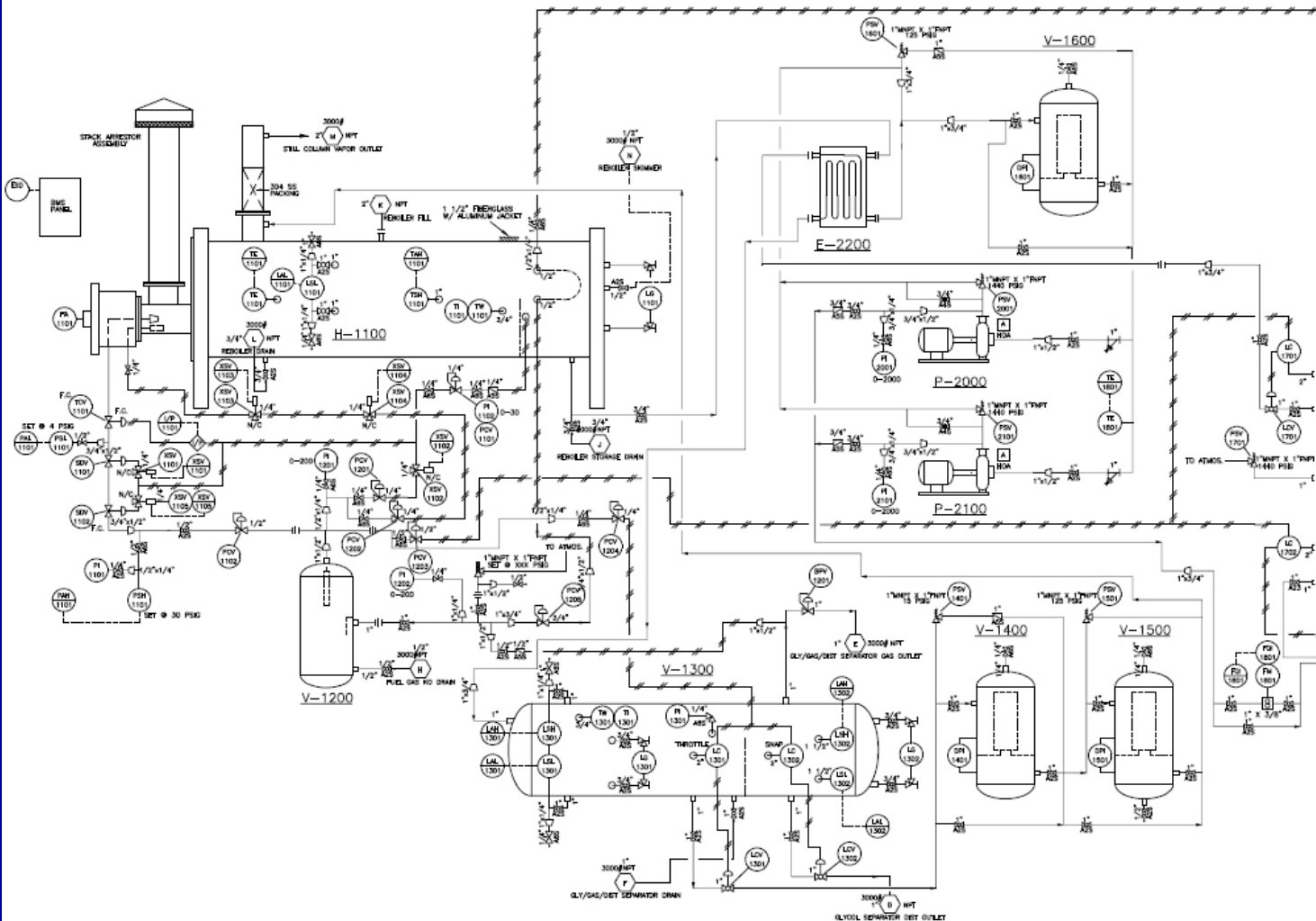
GLYCOL REGEN CONTROL SYSTEMS

Low cost, pre-engineered solutions for glycol regen units including reboiler & dehy controls

- Natural Draft & Forced Draft Solutions
- Single Burner & Two Burner Solutions
- Dehy Unit Auxiliary Controls
- NFPA-86 Compliant Burner Management
- Alarm Logging, Trending & Data Archiving
- Optional field instrument kits for reboiler / dehy control and burner management sensor



Projects...Definition to Operation



EXPERIENCE

Wilson-Mohr, Inc. has delivered glycol regen control system solutions for the gas processing industry since 1965. Systems are based on Honeywell, Allen-Bradley, Siemens, Our experienced staff can address your glycol regen and dehy control system needs effectively and efficiently.

GLYCOL REGEN CONTROL SYSTEM I/O COVERAGE:

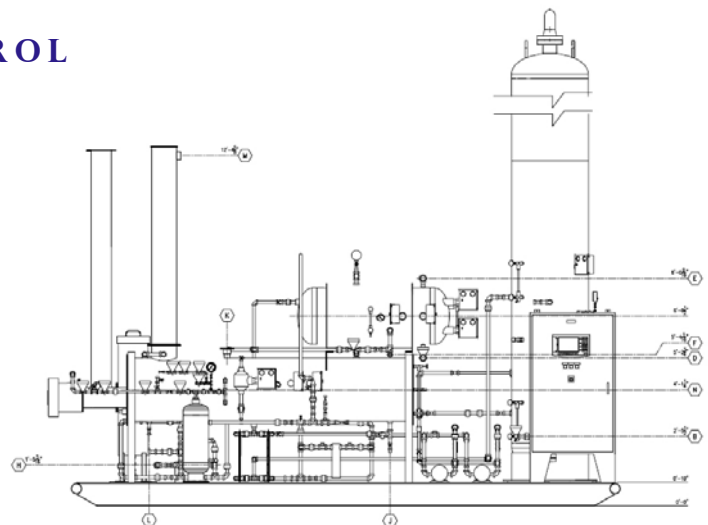
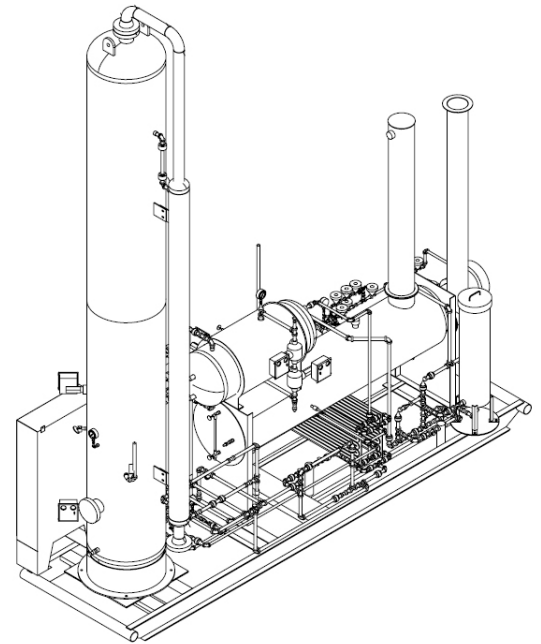
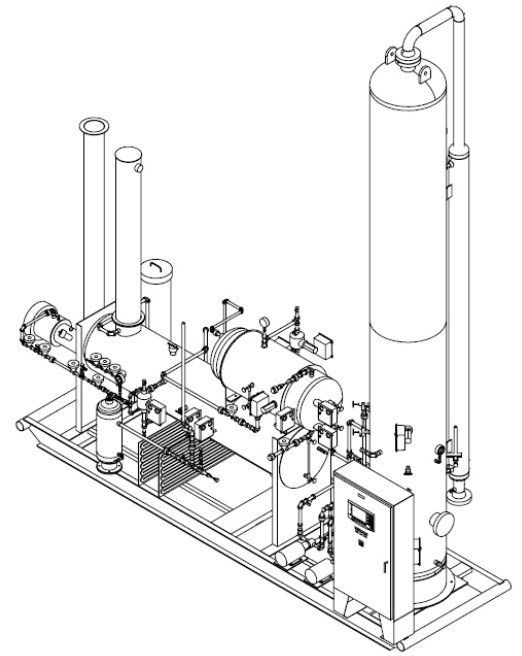
- Glycol reboiler burner management and temperature control
- TEG pump interlock and control
- Lean and rich glycol flow control
- Contactor tower interlock and control
- Absorber / scrubber interlock and control
- Separator interlock and control
- Sock & charcoal filter interlocks

CONTROL SYSTEM SCOPE OF WORK:

- Logic, control strategy, electrical and mechanical design
- Control system material specification and procurement
- Panel fabrication
- Burn in, debug and factory acceptance test
- Control system documentation package
- Optional field instrument kit procurement and assembly
- Optional field service

OTHER GAS PROCESSING CONTROL SOLUTIONS:

- Station Control
- Wellhead Control
- Pipeline Control
- Dewpoint Control
- JT Skid Control
- ESD Systems





| Wilson-Mohr Glycol Regen Unit Control System Selection Matrix | | |
|--|---|--------|
| Item | Description | Select |
| 1 | Glycol regen unit control system: -Reboiler burner management and control system -Cl. 1, Div. 2 Control system for a single burner, natural draft reboiler and dehy unit based on selected options below -Ionization flame rod type detector -Standard 559 Operator interface panel -NEMA-4 Painted steel cabinet | |
| Glycol reboiler BMS / dehy unit control system cabinet options: | | |
| 2 | 1042 Operator interface terminal w/ floppy drive (replaces standard 559 operator interface) | |
| 3 | 1042 Operator interface terminal w/ ZIP drive (replaces standard 559 operator interface) | |
| 4 | TrendManager analysis software | |
| 5 | Ethernet switch (for peer-peer communication) | |
| 6 | Spare analog input configuration per point (5 spares available) | |
| 7 | Spare analog output configuration per point (3 spares available) | |
| 8 | Spare discrete input configuration per point (20 spares available) | |
| 9 | Spare discrete output configuration per point (2 spares available) | |
| 10 | Spare relay discrete output configuration per point (7 spares available) | |
| 11 | NEMA-4X 304SS cabinet | |
| Glycol reboiler burner management options: | | |
| 12 | Change flame detector to self-checking UV | |
| 13 | Add controls for 2 nd natural draft burner | |
| 14 | Add controls for one forced draft burner | |
| 15 | Add controls for 2 nd forced draft burner | |
| 16 | Fuel gas high pressure switch kit | |
| 17 | Fuel gas low pressure switch kit | |
| 18 | Combustion air low pressure switch kit (forced draft only) | |
| 19 | Combustion air flow @ purge switch kit (forced draft only) | |
| Glycol reboiler / dehy unit control system options | | |
| 20 | Level transmitter (DP) kit | |
| 21 | RTD assembly kit | |
| 22 | Thermocouple assembly kit | |
| 23 | Temperature transmitter assembly kit | |
| 24 | Local temperature indicator assembly kit | |
| Field Instrument configuration options: | | |
| 25 | Transmitter configuration | |
| 26 | Transmitter / Switch calibration | |

Please contact Wilson-Mohr for information concerning additional options including valves, variable speed drives, burners, combustion air blowers and pre-fabricated, skidded fuel gas trains.

We welcome the opportunity to provide you with a boiler control system proposal. Please check the options you require and fax the previous page to (281) 295-8870, attention "Projects Group" and a sales person will contact you to provide you with a proposal tailored to your requirements. If you have any questions, you may contact us at: (281) 295-8850 and ask to speak to a systems sales representative.