

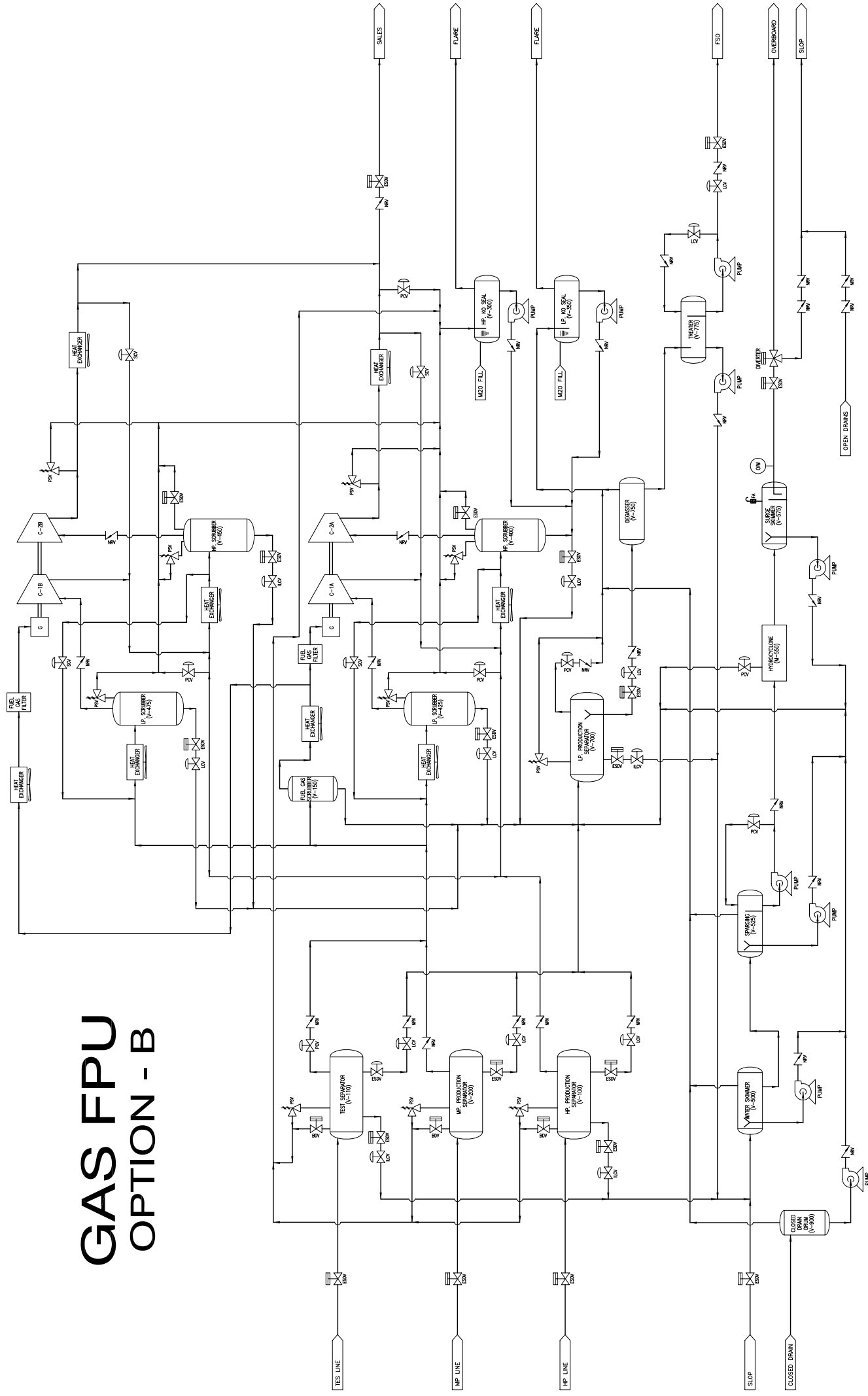
# GAS FPU OPTION - A

This process flow diagram illustrates the Gas FPU Option - A, detailing the flow of gas from inlet lines to various processing units and final destinations. The system includes several key components and flow streams:

- Inlet Lines:** TES LINE, MP LINE, and HP LINE.
- Processing Units:**
  - Separators:** TEST SEPARATOR (V-110), LP PRODUCTION SEPARATOR (V-425), HP PRODUCTION SEPARATOR (V-100), LP PRODUCTION SEPARATOR (V-700), HP PRODUCTION SEPARATOR (V-200), HP PRODUCTION SEPARATOR (V-100), HP PRODUCTION SEPARATOR (V-100).
  - Scrubbers:** FUEL GAS SCRUBBER (V-150), LP SCRUBBER (V-425), HP SCRUBBER (V-400), HP KO SEAL (V-300), LP KO SEAL (V-350).
  - Treatment Units:** TREATER (V-775), DECASSER (V-750), SURGE SKIMMER (V-550), HYDROCYCLONE (M-550), SPARGING (V-325), WATER SKIMMER (V-500), CLOSED DRAIN DRAIN (V-900).
  - Other Units:** HEAT EXCHANGER, FUEL GAS FILTER, C-1, C-2, C, DIVERter, OPEN DRAINS.
- Flow Streams:**
  - SALES:** Gas flow from the HP KO SEAL (V-300) and LP KO SEAL (V-350) to the SALES line.
  - FLARE:** Gas flow from the HP KO SEAL (V-300) and LP KO SEAL (V-350) to the FLARE line.
  - FSO:** Gas flow from the TREATER (V-775) to the FSO line.
  - SLOP:** Gas flow from the SURGE SKIMMER (V-550) to the SLOP line.
  - OPEN DRAINS:** Gas flow from the SURGE SKIMMER (V-550) to the OPEN DRAINS line.

The diagram illustrates a complex gas processing system. Key components include:

- Input Streams:** TFS LINE, MP LINE, HP LINE, SLOP, and FSD.
- Separation Units:** TEST SEPARATOR (V-110), MP PRODUCTION SEPARATOR (V-200), HP PRODUCTION SEPARATOR (V-100), SPANDING (V-300), and WATER SUMMER (V-200).
- Compression and Pumping:** C-1A, C-2A, LP SPURSER (V-400), HP SPURSER (V-400), LP PRODUCTION SPURSER (V-300), and various pumps (PUMP, PUMP, PUMP).
- Heat Recovery:** Multiple heat exchangers (HEAT EXCHANGER, FUEL GAS EXCHANGER, FUEL GAS EXCHANGER).
- Storage and Disposal:** M20 FILL, LP M20 SEAL, HP M20 SEAL, FSD, OVERBOARD, SLOP, and CLOSED DRAIN (V-300).
- Control and Monitoring:** Various valves (V-100, V-200, V-300, V-400, V-500, V-600, V-700, V-800, V-900, V-1000, V-1100, V-1200, V-1300, V-1400, V-1500, V-1600, V-1700, V-1800, V-1900, V-2000, V-2100, V-2200, V-2300, V-2400, V-2500, V-2600, V-2700, V-2800, V-2900, V-3000, V-3100, V-3200, V-3300, V-3400, V-3500, V-3600, V-3700, V-3800, V-3900, V-4000, V-4100, V-4200, V-4300, V-4400, V-4500, V-4600, V-4700, V-4800, V-4900, V-5000, V-5100, V-5200, V-5300, V-5400, V-5500, V-5600, V-5700, V-5800, V-5900, V-6000, V-6100, V-6200, V-6300, V-6400, V-6500, V-6600, V-6700, V-6800, V-6900, V-7000, V-7100, V-7200, V-7300, V-7400, V-7500, V-7600, V-7700, V-7800, V-7900, V-8000, V-8100, V-8200, V-8300, V-8400, V-8500, V-8600, V-8700, V-8800, V-8900, V-9000, V-9100, V-9200, V-9300, V-9400, V-9500, V-9600, V-9700, V-9800, V-9900, V-10000, V-10100, V-10200, V-10300, V-10400, V-10500, V-10600, V-10700, V-10800, V-10900, V-11000, V-11100, V-11200, V-11300, V-11400, V-11500, V-11600, V-11700, V-11800, V-11900, V-12000, V-12100, V-12200, V-12300, V-12400, V-12500, V-12600, V-12700, V-12800, V-12900, V-13000, V-13100, V-13200, V-13300, V-13400, V-13500, V-13600, V-13700, V-13800, V-13900, V-14000, V-14100, V-14200, V-14300, V-14400, V-14500, V-14600, V-14700, V-14800, V-14900, V-15000, V-15100, V-15200, V-15300, V-15400, V-15500, V-15600, V-15700, V-15800, V-15900, V-16000, V-16100, V-16200, V-16300, V-16400, V-16500, V-16600, V-16700, V-16800, V-16900, V-17000, V-17100, V-17200, V-17300, V-17400, V-17500, V-17600, V-17700, V-17800, V-17900, V-18000, V-18100, V-18200, V-18300, V-18400, V-18500, V-18600, V-18700, V-18800, V-18900, V-19000, V-19100, V-19200, V-19300, V-19400, V-19500, V-19600, V-19700, V-19800, V-19900, V-20000, V-20100, V-20200, V-20300, V-20400, V-20500, V-20600, V-20700, V-20800, V-20900, V-21000, V-21100, V-21200, V-21300, V-21400, V-21500, V-21600, V-21700, V-21800, V-21900, V-22000, V-22100, V-22200, V-22300, V-22400, V-22500, V-22600, V-22700, V-22800, V-22900, V-23000, V-23100, V-23200, V-23300, V-23400, V-23500, V-23600, V-23700, V-23800, V-23900, V-24000, V-24100, V-24200, V-24300, V-24400, V-24500, V-24600, V-24700, V-24800, V-24900, V-25000, V-25100, V-25200, V-25300, V-25400, V-25500, V-25600, V-25700, V-25800, V-25900, V-26000, V-26100, V-26200, V-26300, V-26400, V-26500, V-26600, V-26700, V-26800, V-26900, V-27000, V-27100, V-27200, V-27300, V-27400, V-27500, V-27600, V-27700, V-27800, V-27900, V-28000, V-28100, V-28200, V-28300, V-28400, V-28500, V-28600, V-28700, V-28800, V-28900, V-29000, V-29100, V-29200, V-29300, V-29400, V-29500, V-29600, V-29700, V-29800, V-29900, V-30000, V-30100, V-30200, V-30300, V-30400, V-30500, V-30600, V-30700, V-30800, V-30900, V-31000, V-31100, V-31200, V-31300, V-31400, V-31500, V-31600, V-31700, V-31800, V-31900, V-32000, V-32100, V-32200, V-32300, V-32400, V-32500, V-32600, V-32700, V-32800, V-32900, V-33000, V-33100, V-33200, V-33300, V-33400, V-33500, V-33600, V-33700, V-33800, V-33900, V-34000, V-34100, V-34200, V-34300, V-34400, V-34500, V-34600, V-34700, V-34800, V-34900, V-35000, V-35100, V-35200, V-35300, V-35400, V-35500, V-35600, V-35700, V-35800, V-35900, V-36000, V-36100, V-36200, V-36300, V-36400, V-36500, V-36600, V-36700, V-36800, V-36900, V-37000, V-37100, V-37200, V-37300, V-37400, V-37500, V-37600, V-37700, V-37800, V-37900, V-38000, V-38100, V-38200, V-38300, V-38400, V-38500, V-38600, V-38700, V-38800, V-38900, V-39000, V-39100, V-39200, V-39300, V-39400, V-39500, V-39600, V-39700, V-39800, V-39900, V-40000, V-40100, V-40200, V-40300, V-40400, V-40500, V-40600, V-40700, V-40800, V-40900, V-41000, V-41100, V-41200, V-41300, V-41400, V-41500, V-41600, V-41700, V-41800, V-41900, V-42000, V-42100, V-42200, V-42300, V-42400, V-42500, V-42600, V-42700, V-42800, V-42900, V-43000, V-43100, V-43200, V-43300, V-43400, V-43500, V-43600, V-43700, V-43800, V-43900, V-44000, V-44100, V-44200, V-44300, V-44400, V-44500, V-44600, V-44700, V-44800, V-44900, V-45000, V-45100, V-45200, V-45300, V-45400, V-45500, V-45600, V-45700, V-45800, V-45900, V-46000, V-46100, V-46200, V-46300, V-46400, V-46500, V-46600, V-46700, V-46800, V-46900, V-47000, V-47100, V-47200, V-47300, V-47400, V-47500, V-47600, V-47700, V-47800, V-47900, V-48000, V-48100, V-48200, V-48300



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