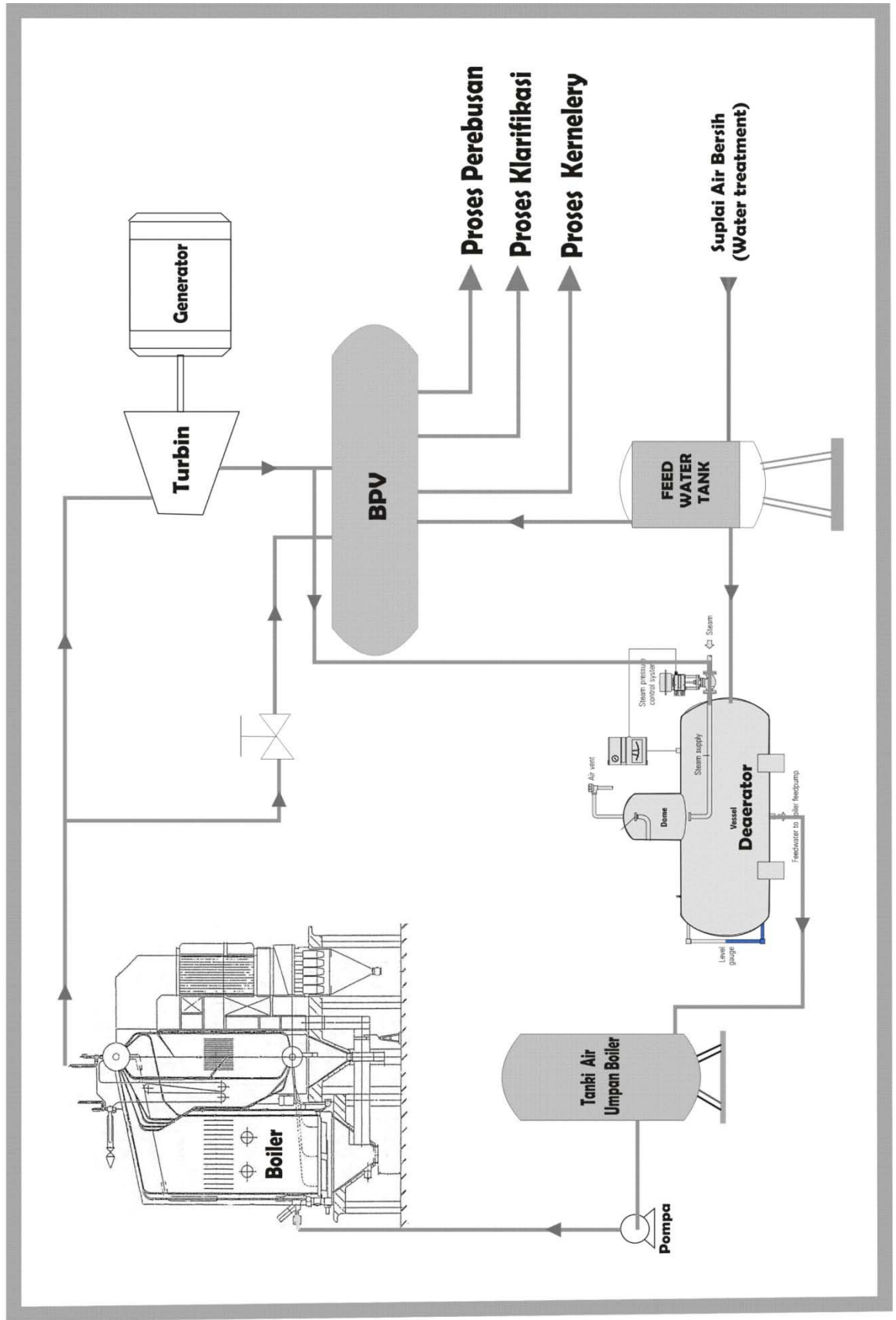


LAMPIRAN 1 : Piping & Instrument Diagram Proses Tenaga Uap



LAMPIRAN 2. TABEL UAP PEMANASAN LANJUT

ENTALPI UAP YANG DIPANASKAN LANJUT PADA BERBAGAI TEKANAN DAN TEMPERATUR DINYATAKAN DALAM KILOJOULE/KILOGRAM

| P | 200°C | 250°C | 300°C | 400°C | 500°C | 600°C | 700°C | 800°C |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 | 2.875 | 2.974 | 3.074 | 3.277 | 3.487 | 3.704 | 3.927 | 4.158 |
| 2 | 2.870 | 2.970 | 3.071 | 3.276 | 3.486 | 3.703 | 3.927 | 4.158 |
| 3 | 2.866 | 2.967 | 3.068 | 3.274 | 3.485 | 3.702 | 3.926 | 4.157 |
| 4 | 2.867 | 2.964 | 3.066 | 3.272 | 3.484 | 3.701 | 3.926 | 4.156 |
| 5 | 2.857 | 2.966 | 3.063 | 3.271 | 3.483 | 3.700 | 3.925 | 4.156 |
| 7 | 2.847 | 2.954 | 3.058 | 3.268 | 3.481 | 3.699 | 3.924 | 4.155 |
| 10 | 2.831 | 2.943 | 3.051 | 3.263 | 3.479 | 3.697 | 3.922 | 4.154 |
| 15 | 2.797 | 2.925 | 3.037 | 3.254 | 3.472 | 3.693 | 3.919 | 4.151 |
| 20 | - | 2.906 | 3.024 | 3.246 | 3.466 | 3.689 | 3.916 | 4.149 |
| 25 | - | 2.884 | 3.010 | 3.238 | 3.461 | 3.685 | 3.913 | 4.147 |
| 30 | - | 2.859 | 2.995 | 3.230 | 3.455 | 3.681 | 3.910 | 4.144 |
| 35 | - | 2.832 | 2.979 | 3.221 | 3.449 | 3.677 | 3.907 | 4.142 |
| 40 | - | - | 2.963 | 3.213 | 3.444 | 3.673 | 3.904 | 4.140 |
| 50 | - | - | 2.927 | 3.195 | 3.433 | 3.665 | 3.898 | 4.135 |
| 60 | - | - | 2.886 | 3.177 | 3.421 | 3.657 | 3.892 | 4.130 |
| 70 | - | - | 2.838 | 3.159 | 3.410 | 3.649 | 3.886 | 4.126 |
| 80 | - | - | 2.784 | 3.139 | 3.398 | 3.641 | 3.880 | 4.121 |
| 90 | - | - | - | 3.119 | 3.387 | 3.633 | 3.874 | 4.116 |
| 100 | - | - | - | 3.098 | 3.375 | 3.625 | 3.868 | 4.112 |
| 110 | - | - | - | 3.076 | 3.362 | 3.617 | 3.862 | 4.107 |
| 120 | - | - | - | 3.053 | 3.351 | 3.608 | 3.856 | 4.103 |
| 130 | - | - | - | 3.028 | 3.339 | 3.600 | 3.850 | 4.098 |
| 140 | - | - | - | 3.002 | 3.326 | 3.592 | 3.844 | 4.093 |
| 150 | - | - | - | 2.975 | 3.313 | 3.584 | 3.838 | 4.089 |
| 160 | - | - | - | 2.946 | 3.300 | 3.576 | 3.832 | 4.084 |
| 170 | - | - | - | 2.915 | 3.287 | 3.567 | 3.826 | 4.080 |
| 180 | - | - | - | 2.884 | 3.274 | 3.559 | 3.820 | 4.074 |
| 190 | - | - | - | 2.850 | 3.260 | 3.550 | 3.815 | 4.071 |
| 200 | - | - | - | 2.815 | 3.246 | 3.542 | 3.809 | 4.066 |
| 210 | - | - | - | 2.779 | 3.232 | 3.533 | 3.802 | 4.061 |
| 220 | - | - | - | 2.738 | 3.217 | 3.525 | 3.796 | 4.057 |
| 230 | - | - | - | 2.692 | 3.202 | 3.516 | 3.790 | 4.052 |
| 240 | - | - | - | 2.640 | 3.187 | 3.508 | 3.784 | 4.048 |
| 260 | - | - | - | 2.579 | 3.172 | 3.499 | 3.778 | 4.043 |
| 260 | - | - | - | 2.509 | 3.156 | 3.490 | 3.772 | 4.038 |
| 280 | - | - | - | 2.321 | 3.123 | 3.472 | 3.760 | 4.030 |
| 300 | - | - | - | 2.151 | 3.089 | 3.454 | 3.748 | 4.021 |