

**UNENE COURSE UN 0702**

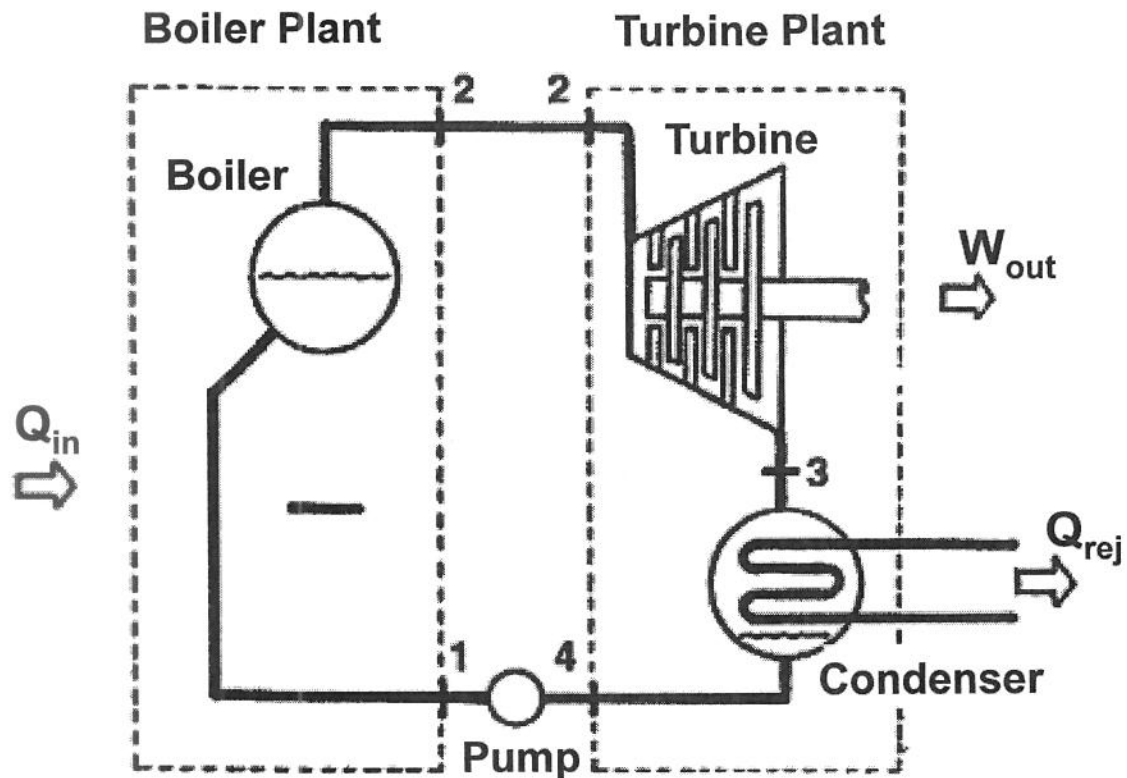
**THERMO PRIMER**

**Prerequisite Material for UN 0702 Power Plant  
Thermodynamics**

**SECTION 5**

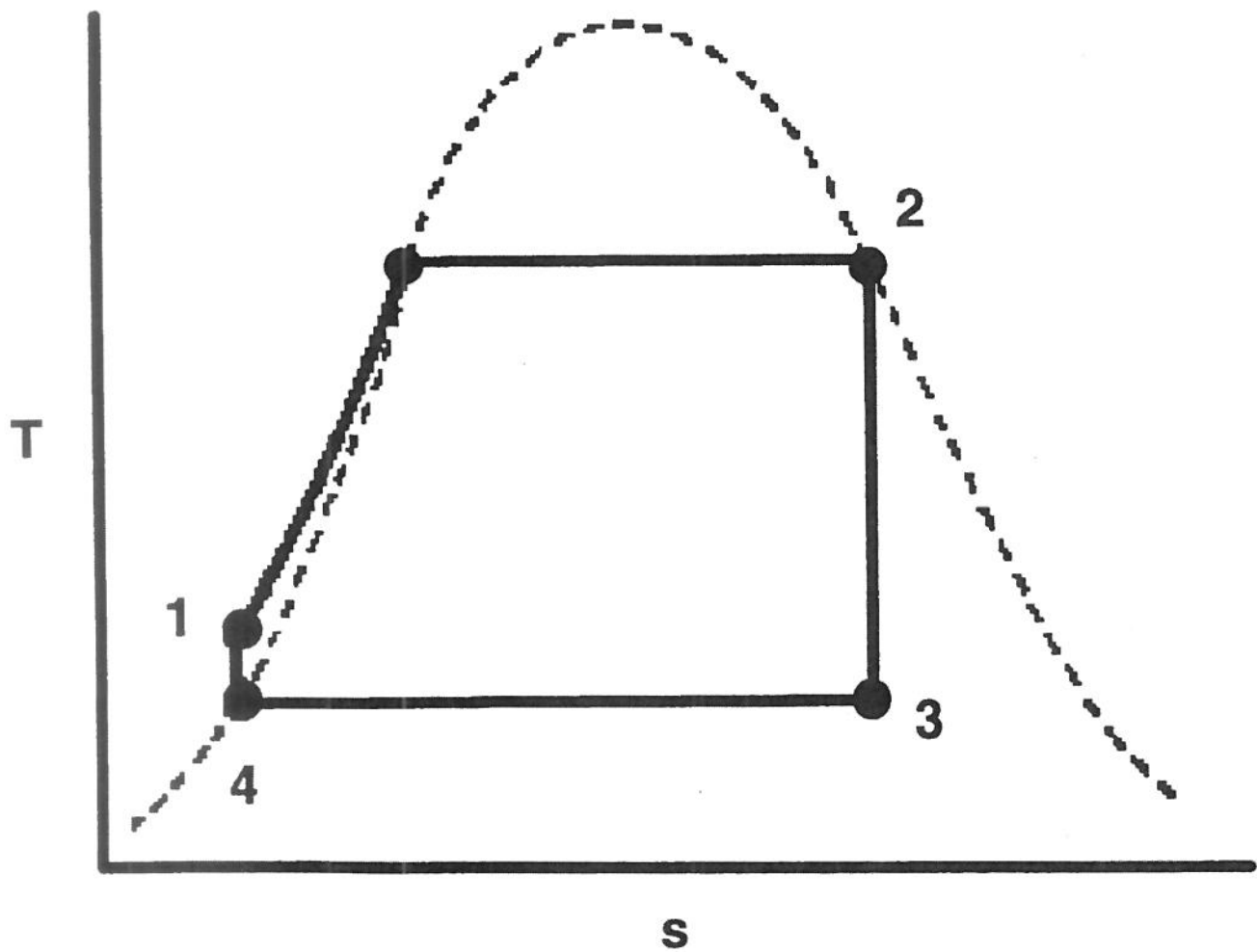
**POWER CYCLES**

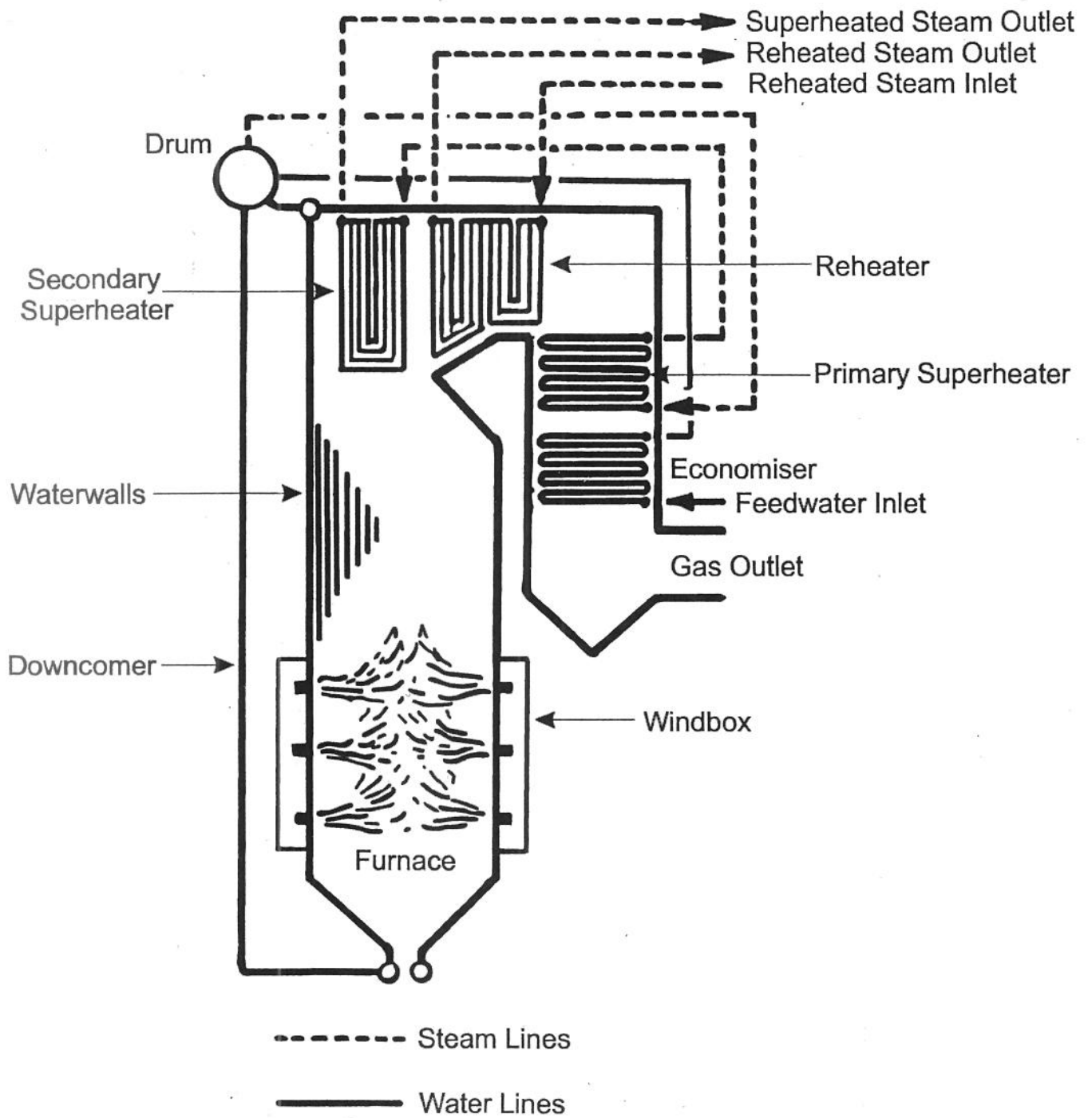
# STEAM BOILER AND TURBINE



<u>Component</u>	<u>Process</u>
Boiler	1 - 2
Turbine	2 - 3
Condenser	3 - 4
Pump	4 - 1

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**Figure 1 Typical boiler heat absorption components**

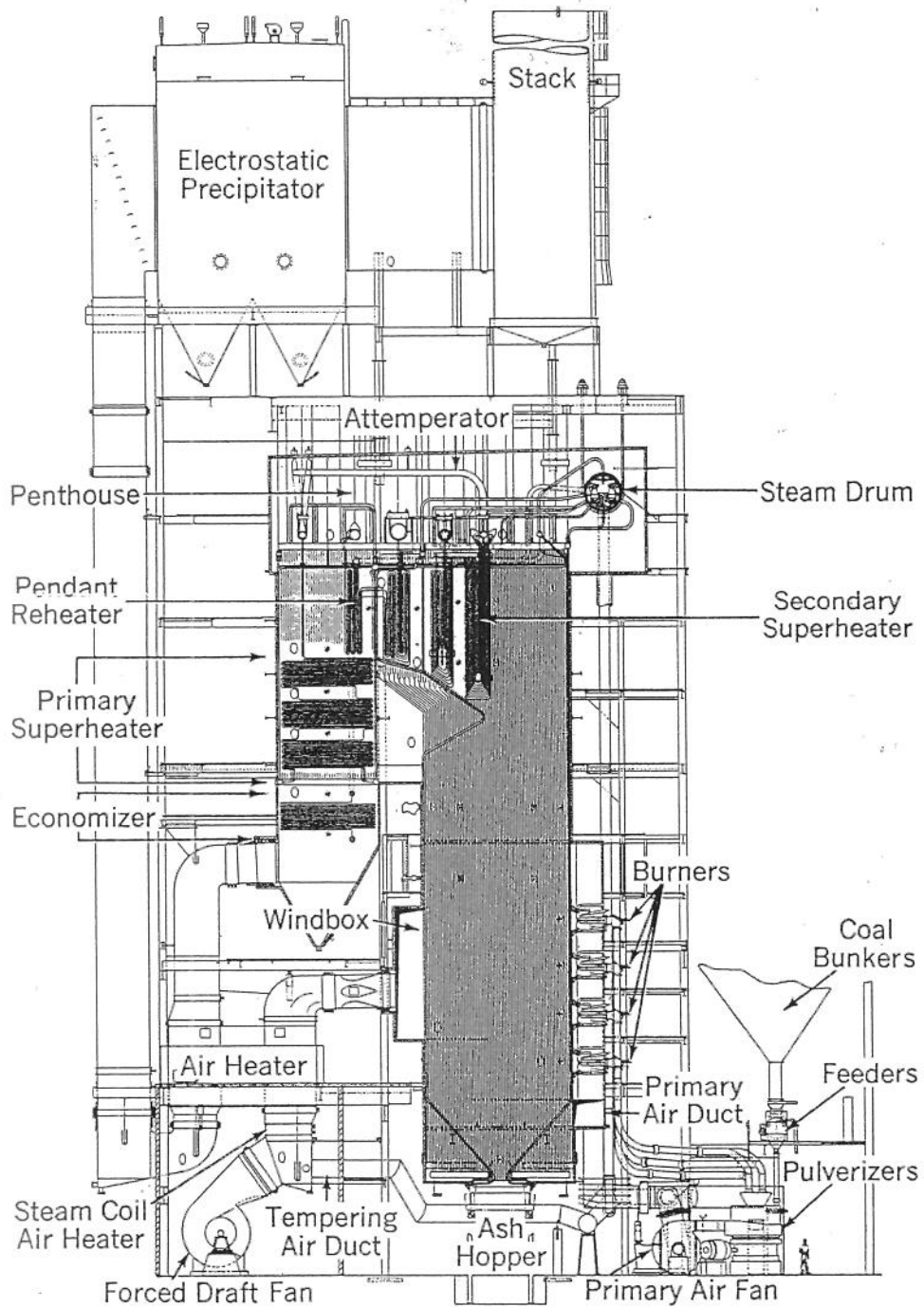


Fig. 2 Radiant boiler for pulverized coal.