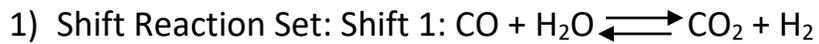


Obioma Eromosele Prosper

16/ENG01/014

Chemical Engineering

Plant Design Assignment



In the absence of a catalyst and at 430°C, the rate of reaction number 1 ($\text{CH}_4 + \text{H}_2\text{O} \longrightarrow \text{CO} + 3\text{H}_2$) in the Shift Reactor is negligible.

