

**PROC-FA/CB/P&P/CHEM-2084 (UCH)/2017**  
**Selective MDEA**

**UCH-I**

- Feed rate = 150 MMSCFD
- No. of Reboiler = 01
- Reboiler Duty = 105.4 MMBTU/Hr
- Duty of lean rich heat exchanger = 84.9 MMBTU/HR
- Duty of lean amine cooler = 52 MMBTU/HR
- Duty of reflux condenser = 39.8 MMBTU/HR

Ref. to attachment Maximum Amine (MDEA) circulation rate to be considered 1350 GPM.

**UCH-II**

- Feed rate = 150 MMSCFD
- No. of Reboiler = 02
- Reboiler Duty of 01 Reboiler = 60.3 MMBTU/Hr
- Total Reboiler Duty of 02 Reboiler = 120.6 MMBTU/Hr



**JEHANZAIB KHAN**  
Sr. Chemist (P&P)  
Ext : 3105