



**Plant #  
599**

## Naphtha Splitter Unit – 8000 m3/day

**Capacity:** 8,000 m3/day

**Products:** Heavy Naphtha (90 °C - 180 °C),  
Light Naphtha (C5, C6)

### Major Equipment

E-102 Naphtha Splitter

C-105 A/B Reboiler

C-103 Feed Bottom Exchanger

### Brief Plant Description

Naphtha Splitter Unit built in 2005, consisting of a main splitter column, reboiler, and a feed-bottom exchanger. The unit processes sweet full range naphtha feedstock to separate heavy naphtha (90 °C - 180 °C) from light naphtha (C5 and C6). The E-102 Naphtha Splitter is 45,410 mm T/T with a 4,200 mm internal diameter. 7 barg / full vacuum at 210°C. The C-105 A/B Reboiler is Carbon Steel, 2,382 TT with an 889 mm internal diameter. The shell rated for 13.5 barg / full vacuum at 210°C, tube side is rated for 17.2 barg / full vacuum at 295°C. The C-103 Feed Bottom Exchanger, shell rated 29 barg / full vacuum at 210°C, tube rated 34 barg / full vacuum at 180 °C. Controls and utilities are not included.

**For more  
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