



PL-NPA(4)/2018

# Attock Refinery Limited

## KEROSENE

| Sr.No. | Test Description                             | Unit    | Test Method           | Specifications                           | Min / Max |
|--------|--|---------|-----------------------|--|-----------|
| 1      | Colour Saybolt (undyed)*                     | -       | D156                  | +20                                      | Min.      |
| 2      | Odour  | -       | -                     | Marketable                               | -         |
| 3      | Specific gravity @ 60/60 °F                  | -       | D1298 / D4052 / IP160 | 0.820                                    | Max.      |
| 4      | Flash point (Abel)                           | °C(°F)  | IP170                 | 35(95)                                   | Min.      |
| 5      | Distillation:                                |         |                       |  |           |
|        | 20% Vol Recovered                            | °C (°F) | D86 / D7345 / D7344   | 200 (392)                                | Max.      |
|        | 50% Vol Recovered                            |         |                       | 240 (464)                                | Max.      |
|        | End point                                    |         |                       | 300 (572)                                | Max.      |
|        | Residue                                      | Vol %   |                       | 2.0                                      | Max.      |
| 6      | Sulfur                                       | Wt %    | D4294                 | 0.2                                      | Max.      |
| 7      | Copper strip corrosion 3 hrs at 50°C (122°F) | -       | D130                  | No.1                                     | Max.      |
| 8      | Smoke point                                  | mm      | D1322/ IP57           | 22                                       | Min.      |
| 9      | Appearance                                   | -       | -                     | Clear and free from suspended impurities | -         |
| 10     | Mercaptan sulphur                            | ppm/wt. | D3227                 | 10                                       | Max.      |
| 11     | Char value                                   | mg/kg   | IP10                  | 20                                       | Max.      |

\* Blue dye to be added by oil Marketing Companies before marketing.