

Laboratory **APCPL/IGSTPP Coal Laboratory, Jharli, Jhajjar, Haryana**

Accreditation Standard **ISO/IEC 17025: 2005**

Certificate Number **TC-6139 (in lieu of T-3535)**

Page 1 of 1

Validity **31.07.2017 to 30.07.2019**

Last Amended on **10.08.2017**

| Sl. | Product / Material of Test | Specific Test Performed | Test Method Specification against which tests are performed | Range of Testing / Limits of Detection |
|-----|----------------------------|-------------------------|---|--|
|-----|----------------------------|-------------------------|---|--|

CHEMICAL TESTING

| I. | SOLID FUEL | | | |
|----|------------|-----------------------|---|---------------------------------|
| 1. | Coal/Coke | Moisture | IS: 1350 (Part -1) 1984 RA 2013 ASTM D 3173/D3173M-17 | 1% to 30% |
| | | Volatile Matter | IS: 1350 (Part -1) 1984 RA2013 ASTM D 3175 – 17 | 15% to 50% |
| | | Ash | IS: 1350 (Part -1) 1984 RA 2013 ASTM D 3174-12 | 4% to 60% |
| | | Equilibrated Moisture | IS: 1350 (Part -1) 1984 RA 2013 | 1% to 15% |
| | | Gross Calorific Value | ASTM D 5865 -13 IS 1350 : PART II : 1970 (RA 2015) | 2000 kcal/kg to 8300 kcal/kg |
| | | | | |