

Diesel sampling and gauging Contract Technical Evaluation

Technical	Evaluation Criteria	Weighting	Gate Keeper
Accreditation & Compliance	Laboratory or service provider is accredited by the South African National Accreditation System (SANAS) for fuel testing and sampling under ISO/IEC 17025 Accredited for Fuel testing - 100% Accredited for other testing - 0%		Yes
Technical Expertise	Experience in diesel sampling and gauging (years in business, similar contracts completed). Demonstrate history of sampling and testing diesel according to SANS 342. Ability to perform all the tests as required by this contract. Years sampling and testing service: <2Y - 5% (Provide proof of actual reports) Years sampling and testing service: >2Y - 10% (Provide proof of actual reports) Proof of ability to perform each of 18 tests required: 5% per test (Provide proof of actual reports)	70%	
Method statements	Standard Operating Procedures (SOPs) for sampling and gauging. Sampling methodology (adherence to standards) Gauging techniques (e.g., use of electronic gauging devices, calibration procedures). SOP's aligned with Safety data sheets (SDS) Provide proof of actual sampling procedures: 5% Provide proof of actual gauging procedures: 5% No proof provided: 0%	10%	
Equipment & Technology	Type and condition of equipment (sampling kits, gauging tapes, thermometers, etc.). Must meet ASTM D4057 requirements. Calibration records (frequency, Equipment must be calibrated and traceable to national standards, ideally SANAS-accredited labs. Provide proof of actual valid calibration certificates for equipment used for this contract Valid Calibration certificates provided: 10% Calibration certificates provided but not valid: 2% No Calibration certificates provided: 0%	10%	
Reporting & Documentation	Test reports: Must include all parameters required by SANS 342 and requirements of this contract and be formatted for regulatory review. Documented sample handling from collection to analysis. Provide examples of actual reports for all 18 tests with results and acceptable parameters: 10% Provide examples of actual reports of all 18 tests with results but without acceptable parameters: 2% Examples of actual reports with results and acceptable parameters not provided for all 18 tests: 0%	10%	
Total Score		100%	

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1.	Appearance (ASTM D4176)
2.	Carbon, Hydrogen & Nitrogen Content in Petroleum Products (Instrumental Determination) (ATSM D5291)
3.	Carbon Residue (ASTM D4530)
4.	Cetane number (ASTM D613a / ASTM 06890 / ASTM D7668 / ASTM D7170a)
5.	Colour ASTM (ASTM D1500)
6.	Density @ 20°C (ASTM D4052)
7.	Distillation (ASTM D86)
8.	Flash Point Pensky- Martens (ASTM D93-Proc-A)
9.	Microbiology (ASTM D6469) (Cult Dip Combi)
10.	Oxidation stability (ASTM D2274 / IP388)
11.	Oxygen Content in Petroleum Products (Instrumental Determination) (ATSM D5291) (ATSM D5291 M)
12.	Total Contamination (IP440)
13.	Total Sulphur (ASTM D4294 / D5453 / D2622 - IP336)
14.	Viscosity at 40°C (ASTM D445 / ASTM D7042)
15.	Water Content (ASTM D1364 / D4377 / D1744 / D95)
16.	Ambient Sample Retention & Disposal
17.	Sample Retention and Disposal
18.	Total Ash (ASTM D382)

0.00%