



Trusted with Assurance

CCIC SINGAPORE PTE LTD

中国检验认证集团新加坡公司

原油蒸馏/石油蒸馏 (ASTM D2892 和 ASTM D5236)

Crude oil Assay



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CCIC SINGAPORE Crude Assay New Business Unit has a dedicated team of experienced petroleum chemists working with state-of-the-art instrumentation to deliver timely analytical results to assist in refinery engineering, pipeline allocation, process optimisation, exploration evaluation and crude oil marketing.

CCIC SINGAPORE can also source and sample crudes globally utilising our extensive network of regional offices, and have these samples transported in a timely manner thus providing a complete service offering.

Crude oil Assay Services

CCIC SINGAPORE can undertake crude assay and hydrocarbon characterisation to clients own specifications or alternatively can recommend a suitable test suite to meet project objectives.

Crude oil assay testing includes characterisation of the crude/condensate along with the associated commercial fractions produced from the physical distillation.

Crude Oil Assay Testing

Atmospheric and vacuum distillations produce commercial fractions such as naphtha, kerosene, gas oil, vacuum gas oil and residual bottom cuts to meet clients specific refining or process requirements.

The unique molecular characteristics of each crude oil produced means that related assays, analysis requirements and reporting formats are offered by CCIC on a project basis.

Typical Analysis Performed

TBP Curve by ASTM D2892 & D5236

Simulated distillation curve by GC

Detailed hydrocarbon analysis

Basic whole crude properties

Cold flow properties and viscosity curves

Elemental analysis by ICPMS

Asphaltenes and wax deposition

Sulphur content

Organic chloride content of crude oil

Full range of individual analysis as per clients requirements



Quality assurance

CCIC SINGAPORE tests crude oil and individual fractions to recognised industry standards such as ASTM, IP, UOP, ISO and other industry protocols.

All Crude analysis is covered within our ISO 17025 scope of accreditation, with the quality of data further controlled by participation in both internal and internationally recognised correlation programmes.

CCIC Singapore Solutions

CCIC Singapore holds ISO17025 accreditation, Bizsafe level 4 and ISO 9001 certification.

Finding solutions and providing assurance are cornerstones of CCIC policy. The laboratory structure and many years in house knowledge/experience are fundamental to providing our clients with first line technical support and timely, reliable analysis results.