



COAL SERVICES

煤炭服务

 INTEGRITY AND ETHICS

 RECOGNISED QUALIFICATIONS

 GLOBAL REACH

HQTS

Quality Solutions With You Every Step



COAL SERVICES

煤炭服务

检验及鉴定服务

■ PSI检验

在产品装运前，根据通行的行业标准或按合同规定对产品外观、毛重、包装（若有）、数量等进行检查，也可以根据客户的特殊要求，提供称重、抽样、监装和实验室测试等服务。

■ 重量鉴定

根据产品运输方式，通过水尺计算、轨道衡计重、汽车衡计重等方法鉴定重量。

■ 委托采样

根据指定的标准，在产品装运或堆放现场，抽样制样，送至HQTS或其他指定的实验室进行测试分析。

■ 监装监卸

在装载和卸货时，对装载、卸货的条件、工具和过程进行全程监督。

■ 采样及测试过程的监督见证

由客户委托HQTS派出检验工程师到达现场，对由HQTS之外的其他机构开展的煤炭抽样、检验、测试等过程、设备、仪器、条件和人员进行监督，确保符合规定的要求并得出准确的检测结果。



INSPECTION AND SAMPLING

PSI

Pre-shipment Inspection aims to ensure appearance, gross weight, packing methods (if applicable), and quantity in conformity with acceptable commercial standard or contract specifications. It can be tailored to our clients with weight survey, sampling service, loading supervision and laboratory services.

Weight surveys

Draft survey, vehicle-weighbridge, rail-weighbridge or other methods that will determine the weight of product transported by ship, train or truck.

Loading and discharging supervision

To ensure that the condition of, handling tools, and the operation processes of loading are in conformity with commercial standards.

Sampling and sample preparation

Sampling and sample preparation are vital to accurate lab analysis. Our service ensures a representative sample, properly labeled and prepared for analysis. The lab may be an HQTS-laboratory or any lab so designated by the client.

Witness of sampling and testing

Witness of sampling and testing is a cost-effective alternative to shipping large or bulky items to a test lab. HQTS lab technicians will come directly to where the products are located to witness randomness of sampling, preparation of sample, test methodology, suitability of test equipment and personnel. These assessments ensure the accuracy and impartiality of test results.

测试分析服务

HQTS可根据你的具体需求，严格按照GB/ASTM/ISO等国内和国际标准，提供如下煤系列产品的测试服务：

- 全水分
- 热值
- 工业分析：水分、灰分、挥发分、固定碳等
- 元素分析：碳、氢、氧、氮、全硫等
- 灰分分析：硅、铝、铁、钙、镁、钾、钠、钛、磷、硫、锰等
- 硫的形态：全硫、硫铁矿硫、硫酸盐硫、有机硫等
- 煤中氯
- 煤中磷
- 密度：真相对密度，视相对密度，散密度等
- 粒度分析
- 灰熔融性
- 结渣性
- 黏结性
- 坩埚膨胀序数
- 磨损指数
- 哈德罗夫可磨性指数
- 胶质层厚度
- 腐植酸
- 微量元素分析
- 浮沉检测
- 其他客户指定的检测项目

ABOUT HQTS

汉斯曼简介

汉斯曼集团（HQTS）是一家世界领先的品质保证服务机构，获得了中国合格评定国家认可委员会（CNAS）的ISO17020 和 ISO17025的

认可。我们旨在为您提供一流的产品

检验、测试、鉴定、工厂评估、管理咨询以及其他质量服务，服务产品范围涵盖了日用消费品、工业产品、煤炭产品、矿产品、农产品和食品等。

在煤炭产品检验方面，HQTS拥有分布于国内外多个主要产煤、用煤及运输港口城市的派驻机构和检验人员，精通于煤炭行业相关的各项服务，包括公正采样、检测、重量鉴定、咨询等服务，产品范围涵盖烟煤、无烟煤、褐煤、焦炭等煤系列产品。HQTS以客户为中心，根据客户的需求量身定制方案，能有效减少供需双方因对质量、重量等检测结果差异而导致的纠纷，确保双方合作的顺利。

LABORATORY SERVICES

HQTS offers various laboratory tests for coal-related products based on domestic or international standards, such as GB, ASTM, or ISO. Tests cover as below:

- Total Moisture
- Calorific Value
- Proximate Analysis including moisture, ash content, volatile matter, fixed carbon
- Ultimate Analysis including carbon, hydrogen, oxygen, nitrogen, total sulfur
- Ash Analysis including SiO_2 , Al_2O_3 , Fe_2O_3 , CaO , MgO , K_2O , Na_2O , TiO_2 , P_2O_5 , SO_3 , Mn_3O_4
- Form of Sulfur including total sulfur, pyritic sulfur, sulphate sulfur, organic sulfur
- Chlorine in Coal
- Phosphorous in Coal
- Density including true relative density, apparent relative density, bulk density
- Size Analysis
- Ash Fusibility
- Clinkering Property
- Caking Property
- Crucible Swelling Number
- Abrasion Index
- Hardgrove Grindability Index
- Thickness of Plastic Layer
- Humic Acid in Coal
- Trace Elements
- Float-sink Test
- Other test items specified by the client

HQTS is a leading global service provider in quality assurance for industrial and consumer product supply chains. Accredited by CNAS against ISO17020 & ISO17025, HQTS provides best-in-class inspection, testing, identification, auditing and consulting services throughout Asia. Our services cover consumer goods, industrial products, coal, minerals, farm products and foods.

The provision of the customer-oriented and cost-effective service drives the daily activities of HQTS group. To facilitate a best in class solution, we partner with our clients to better understand their specific needs and then structure the service around those needs. Clients are then assigned to a dedicated project manager to optimize the process, flow of communication, and to develop a client specific specialist. HQTS commercial laboratories are well placed to serve the coal industry including the assay of brown coal, bituminous coal, anthracite and coke. With operational expertise, in-depth industrial knowledge, and an extensive database of information, HQTS is positioned to provide the service you need to relevant domestic & international standards such as GB, ASTM, ISO, etc.



Quality Solutions With You Every Step

联系HQTS WWW.HQTS.COM

福州

FUZHOU CHINA

Tel: +86 591 8376 2006
+86 591 8764 1880
inquiry@hqts.com

德国

GERMANY

Tel: +49 30 831 000 11
inquiry.germany@hqts.com

巴西

BRAZIL

Tel: +55 11 998064550
americo.fabian@hqts.com

上海

SHANGHAI CHINA

Tel: +86 21 6071 0536
+86 21 6071 0537
inquiry.sh@hqts.com

美国纽约

NEW YORK U.S.A

Tel: +1 212 757 2400
usinquiry@hqts.com

南非

SOUTH AFRICA

Tel: +27 84 218 4219
steve.gauche@hqts.com

杭州

HANGZHOU CHINA

Tel: +86 571 8890 7006
inquiry@hqts.com

美国圣地亚哥

SAN DIEGO U.S.A

Tel: +1 760 814 9554
dale.widner@hqts.com

比利时

BELGIUM

Tel: +32 49 7594 568
ismail.dia@hqts.com

香港

HONG KONG

Tel: +852 306 97 306
inquiry@hqts.com

日本

JAPAN

Tel: +81 3 4520 9585
inquiry.jp@hqts.com

埃及

EGYPT

Tel: +20 111 0878 191
moaz@hqts.com

波兰

POLAND

Tel: +48 61 624 82 86
inquiry.poland@hqts.com

印度

INDIA

Tel: +91 11 4206 0200
inquiry.india@hqts.com

