



Add value.
Inspire trust.

Integrated commissioning services

Ensure timely completion, delivery
and synchronisation of your project

VISIT OUR
WEBSITE



Your challenges

To predict the desired outcome of project during commissioning stage is a big challenge for owners and operators. The performance of operations of the project is key to achieve financial success. Owners and operators need to ensure that the project reaches its guaranteed operability for all important and critical factors like performance, safety, traceability, reliability and quality. Any lapse in quality and reliability can prove to be detrimental for the commissioning of the project. The operating costs can rapidly escalate if the vendors do not meet the contractual conditions and this results in delay in the plant commissioning. In order to achieve a successful startup and sustained operation, it is important to deploy the right professional experts to supervise the project commissioning, delivery and synchronisation.

Why are commissioning services important?

The secured, planned and systematic handover of a plant or unit from the constructor to the owner or operator is called the commissioning stage of a project. Important tests like performance test and final acceptance test

along with commissioning supervision provides a means for owners and operators to attain maximum efficiency and reduce operating costs. It helps identify any shortfalls in the efficiency and capacity of the plant and suggests recommendations for recovery. It helps to minimise risk of equipment and system failure and boosts productivity. These tests ensure that your operating costs are curtailed, and the productivity continues in an unhampered manner as the risk of unplanned shutdown is mitigated.

How can we help you?

TÜV SÜD is the leading provider of technical services for final acceptance test, performance test and supervision for a project in commissioning stage. We offer independent execution and third-party supervision of performance testing for all types of components such as gas and steam turbines, boilers, condensers, cooling towers and gas compressors. We also ensure that all your contractual conditions are met by your vendors and there is no delay in the startup and synchronisation of the plant. This helps to reduce unplanned and expensive downtime of plant due to equipment or system failure. We implement

a comprehensive suite of digital and practical solutions with the help of our experienced experts to ensure that you have a hassle-free and seamless plant startup.

Our services

- **Final acceptance test** – We carry out independent evaluation of Final Acceptance Test (FAT) during the commissioning phase to demonstrate completion of the plant as well as correctness and high quality of work. This involves review of design, labelling of equipment and visual inspection of the facility. The results of the FAT are then presented in a detailed report.
- **Performance guarantee test** – We review test procedures and programmes for verification of contractual guarantees, execute acceptance tests and measurements in compliance with the requirements of international codes and standards. We also perform computation and evaluation of performance test measurements. Our reports on test measurements include statements concerning the fulfilment of guarantees. We also offer measurements and evaluation of condition after retrofitting as well as periodic measurements and performance monitoring.
- **Commissioning supervision** – Our experts are deployed to supervise commissioning activity at site and to ensure all equipment, systems and controls are synchronised properly. Our experts ensure trouble free startup of operation.

Your business benefits

- **Gain confidence in plant performance** – through reproducible, rapidly delivered results regarding plant efficiency, desired output, consumption figures and performance parameters of major components.

- **Work with an expert partner** – through systematic involvement of our experienced teams with specialised technical support of plant performance issues.
- **Improve safety** – and ensure productivity with the help of our digitally driven tools and experts that help you to commission your project within the stipulated timeline.
- **Synchronise your project** – by ensuring that your systems, equipment and controls are inter-connected and work cohesively without the risk of shut downs.
- **Ensure trouble-free start up** – with our multidisciplinary commissioning experts.
- **Expedite project** – commissioning by avoiding unplanned and cost intensive plant downtime that hampers productivity.
- **Seamless system integration** – of safety, critical applications and equipment ensures that the risk of accidents and delays are mitigated.
- **Reduce operability costs** – by ensuring that your equipment, systems and controls are as per the standard requirements.

Add value. Inspire trust.

TÜV SÜD is a trusted partner of choice for safety, security and sustainability solutions. It specialises in testing, certification, auditing and advisory services. Through more than 25,000 employees across over 1,000 locations, it adds value to its customers, inspiring trust in a physical and digital world.

Our ASEAN offices

SINGAPORE

Tel: +65 6778 7777
Email: info.sg@tuvsud.com
www.tuvsud.com/sg

INDONESIA

Tel: +62 21 2986 5795/96
Email: info.id@tuvsud.com
www.tuvsud.com/id

MALAYSIA

Tel: +60 3 7859 8822
Email: info.my@tuvsud.com
www.tuvsud.com/my

PHILIPPINES

Tel: +63 2 687 5673
Email: info.ph@tuvsud.com
www.tuvsud.com/ph

THAILAND

Tel: +66 2 564 8041
Email: info.th@tuvsud.com
www.tuvsud.com/th

VIETNAM

Tel: +84 28 6267 8507
Email: info.vn@tuvsud.com
www.tuvsud.com/vn

Follow us on social media



@tuvsud



[linkedin.com/company/tuvsud](https://www.linkedin.com/company/tuvsud)



fb.me/tuvsudASEAN



twitter.com/tuvsudASEAN



youtube.com/tuvsud