Sample · Scope and fee · Generator FAT witnessing · China

Scope and fee

Fictional worked example: two 500 kVA prime diesel generating sets in canopies, witnessed at the assembler's test bay against the buyer's approved FAT programme.

Client
[Client company]
[Client contact]

Reference
SAMPLE-GFEE

Date
[Issue date]

Valid until
[Validity date]

Service
Generator FAT witnessing

Location
[Factory location]

Assignment profile
One Sinospect witnessing engineer, generating sets, attending in person

On-site time
Two days. Day 1: identity, documents, insulation, Set A load steps. Day 2: Set B load steps, transients, protections, closing meeting

What is included

- Review of the approved FAT programme and the set datasheet before the visit; questions to the assembler in English and Chinese
- Identity against the order: rating plates, engine number on plate and block, alternator, controller, radiator, canopy, document pack
- Load steps from 25% to 110% on each set, with readings at each step; transient response; protections and shutdowns
- A closing meeting with the assembler at the end of Day 2

Deliverables

- Signed witness report: readings per set and step, instruments, photographs, findings register
- A release, release-with-conditions or hold recommendation for each set; the buyer keeps the release decision
- Findings agreed on site, each with an owner and a closure point

Fee

USD 1,280–3,600 all-in

From USD 1,280 for one day on a single small set, one inspector using the factory's instruments, to USD 3,600 for two days with a generator engineer and his own instruments; this example takes two. All-in: time on site, travel and lodging in China, and the signed report within two working days after the last test day. The dated scope gives one fixed price before you book.

What moves the price

The number of sets; the hours at full load per set; a reactive test at 0.8 PF; paralleling or synchronising tests; the engineer's travel to the factory. More than two days, a re-test of a held set (on site, or by live video if you accept it) and specialist tests are quoted on the dated scope.

From the assembler	A load bank sized for 110% of the largest set, calibrated instruments with their certificates, fuel, and the test-bay staff to run the sets. A reactive load bank if the programme calls for 0.8 PF.
From you	The approved FAT programme or the contract's test clause, the set datasheet and the assembler's contact.
Exclusions	Rectification at the factory, which stays the assembler's obligation; additional witnessing or certification by a separately appointed inspection body; emissions or type certification; site commissioning.

Next step. Send the approved FAT programme, the datasheet, the factory location and the test week. We confirm the scope, the dates and the fee on a dated scope before you book.

[Signature placeholder]

Reviewed by: Sinospect quality desk