



THIRD PARTY INSPECTION · INDIA

Your eyes at the works in India

Independent source, vendor and pre-shipment inspection for buyers
in the United States and Europe

Transparency. **C**ompetence. **R**eliability.

October 2026

Established 1973 · NABL (NABLT0726MH18640) ISO/IEC 17025:2017 · NADCAP AC7101 · BIS, IBR, BMC, CIDCO Approved

When you cannot stand at the works, TCR stands there for you

Measured evidence, a laboratory behind the inspector and a report before your day begins.

01

Measured. Every number came off an identified instrument.

02

Tested. A suspect sample is tested in our NABL laboratory the same week.

03

Reported. A flash report within four working hours of leaving the works.

A defect found at your own dock has already crossed an ocean

Distance

Your quality team cannot stand at every hold point in a factory thousands of kilometres away.

Paper

A vendor certificate says what the vendor says, not what was measured or by whom.

Timing

Found at the start of production it is a correction; found on arrival it is a claim.

Fifty-three years of testing and a laboratory accredited for 1,483 test items

PROOF

1973

testing and inspecting
since, Navi Mumbai

1,483

test items on our
NABL ISO/IEC 17025
scope

750+

people across the
TCR group, seven
countries

6,500+

clients served by
the group

Also NADCAP AC7101 accredited for materials testing; approved by BIS, IBR, BMC and CIDCO.

01

01

How we work

A written system, a clock on every report, and rules that make the evidence hold

Twelve services cover an order, from qualifying the vendor to the goods arriving

SERVICES

BEFORE THE ORDER

Factory audit and vendor qualification · pre-production meeting and ITP review · OEM development

DURING PRODUCTION

Raw material verification · initial production check · in-process checks · random inspection

BEFORE DESPATCH

Final and pre-shipment inspection · loading supervision · sampling and laboratory testing

THROUGH DELIVERY

Expediting · destination survey

Ten stages give a checkpoint wherever a defect can enter the order

STAGES 1 TO 6

BEFORE THE ORDER

1

Vendor audit

Audit report
and conclusion

2

ITP review

Signed ITP and
meeting
minutes

3

**Raw material
check**

Certificates
checked line
by line

4

**Stage
inspection**

Measured
values against
criteria

5

**Dimensional
check**

Measured
dimensional
record

6

**Proof test
witness**

Witnessed test
record

DURING PRODUCTION

At despatch and in transit, the last four stages protect the shipment

STAGES 7 TO 10

DESPATCH

1

Final inspection

Final report and
inspection release note

2

Loading supervision

Tally, seal and verified
gross mass

3

Expediting

Progress against the
contractual date

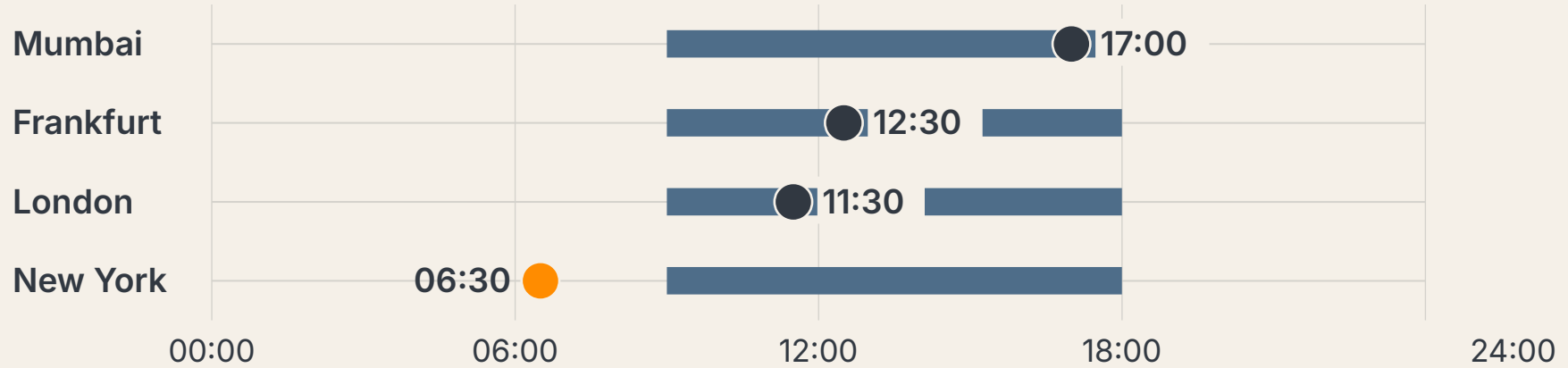
4

Destination survey

Survey report and
claim evidence

TRANSIT AND ARRIVAL

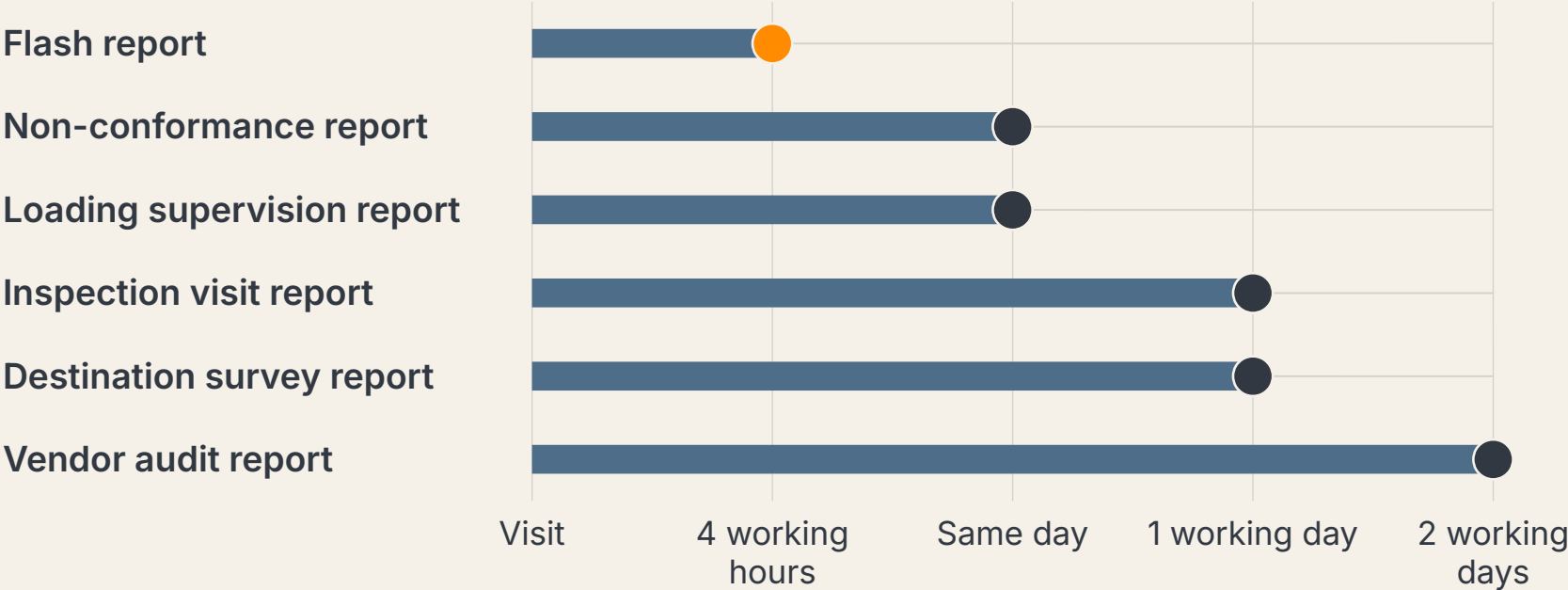
A report due at 17:00 in Mumbai reaches New York at 06:30, before the day begins



Bars: each city's own 09:00 to 18:00 working day. Dots: when the flash report arrives, local time.

London has it at 11:30, Frankfurt at 12:30, New York at 06:30: inside your working day.

Every report has a clock on it, starting with a flash report in four working hours



What this says: the flash report reaches you first; the full visit report follows within one working day.

Four rules of evidence make our reports hold up in a dispute

EVIDENCE

Measured before stated

A number in a report was measured, or read off an identified instrument.

Witnessed, not copied

What the inspector saw is recorded apart from the vendor's records.

Missing is written MISSING

A blank cell reads as verified, so a blank is never left.

Every defect photographed twice

Once to locate it, once close up with a scale.

The inspector stops and calls you the same day when a rule is broken

At the works

- A hold point passed without notice
- A pneumatic test offered for a hydrostatic one
- Access, photography or a record refused

In the documents

- No approved document states the criterion
- A material or procedure substitution
- Your instruction conflicts with the approved documents

02

02

What stands behind the report

An accredited laboratory, sampling you can defend, and inspectors who know your equipment

A NABL accredited laboratory stands behind every inspector we send

LABORATORY

Tested in our own laboratory

Mechanical and chemical testing, PMI, NDT, metallography and corrosion, including HIC to NACE TM0284 and SSC to NACE TM0177.

1,483

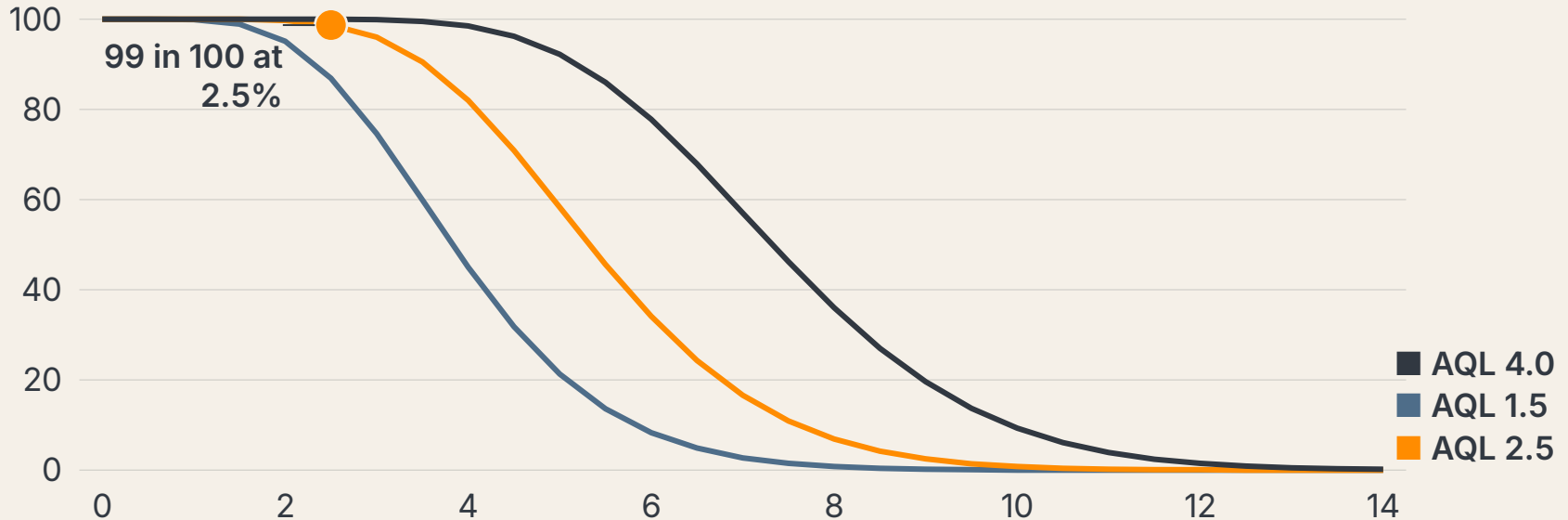
test items on the NABL
ISO/IEC 17025 scope

AC7101

NADCAP accredited,
materials testing

Under AQL 2.5 a lot that is 2.5% defective passes 99 times in 100, and one at 7.6% once in 10

Chance the lot passes (%), by per cent defective in the lot



An AQL is a trade-off: name a tighter one if a 7.6% lot passing once in ten is too wide.

We inspect what buyers in the United States and Europe source from India

Sector	What we inspect
Industrial goods	Castings, forgings, valves, fasteners, vessels, piping
FRP and GRP equipment	Pressure vessels, tanks and filtration vessels
Solar and power	PV modules, inverters, transformers, panels, cables
Rotating equipment	Machined precision assemblies, witnessed trial runs
Mechanical parking	Puzzle and pit parking structures
Bulk materials	Activated carbon, minerals, sealed samples

Oil and gas inspectors carry recognised credentials, with sour-service testing in India

OIL AND GAS

Credentials

- ASNT or PCN Level II
- CSWIP and AWS CWI
- API 510, 570 or 653

What we inspect

Line pipe, piping, valves, fittings, fasteners, coatings, vessels, exchangers and tanks.

Sour service

HIC and SSC testing at our NABL laboratory; witness at Indian mills.

Independence is the product, and we state our accreditation plainly

Independent

We do not design, make, supply or install what we inspect.

Ethics in writing

No gifts, no interests in suppliers; child labour reported when found.

A straight answer

A NABL ISO/IEC 17025 laboratory; not an ISO/IEC 17020 inspection body, told at enquiry.

03

Getting started

One email puts an independent inspector at your supplier's works

Starting takes one email, and we return a scope, a plan and a named inspector

01

Send

Your order, the specification, any ITP and the vendor's address to sales@tcreng.com.

02

Agree

Scope, hold and witness points, sampling plan and report format.

03

Inspect

A named, qualified inspector at the works; a flash report in four working hours.



Send us your next order to inspect

sales@tceng.com

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www.tceng.com

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