

Sample Industrial Inspection Report

Demonstration format for an electrical motor factory test visit

Report reference	IF-SAMPLE-2026-001
Inspection date	22 August 2026
Location	Finland - sample manufacturer location
Equipment	3-phase induction motor, 200 kW - sample data
Requested activity	Factory test witnessing and final visual / document checks
Report status	Sample document - fictional project and values

Purpose of this sample

This document shows the structure, clarity and level of traceability that can be used in an Inspectfin inspection report. The project names, equipment identification, measurements and observations in this sample are fictional and are included only to demonstrate reporting format.

Typical report content

- Inspection date, location, equipment identification and project reference
- Documents and procedures available during the visit
- Activities attended and checks performed
- Selected readings, observations and photographic references
- Open items and follow-up status
- Concise visit summary for the buyer, project or QA/QC team

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Equipment & Visit Details

Item	Sample information
Buyer / Project	International industrial project - sample
Manufacturer	Sample Motor Works, Finland
Equipment	3-phase squirrel-cage induction motor
Tag / Serial	MTR-200-SAMPLE / S260822-01
Rated output	200 kW
Rated voltage / frequency	525 V / 50 Hz
Speed	Approx. 1485 rpm
Mounting	B3 - sample

Documents available during the visit

Ref.	Document / record	Revision	Status during visit
D-01	Motor data sheet	B	Available
D-02	General arrangement drawing	C	Available
D-03	Factory test procedure	2	Available
D-04	Routine test record template	1	Available
D-05	Instrument calibration records	-	Selected records available

Requested inspection activities

Identification and visual condition check; review of selected technical records; attendance during agreed factory test steps; recording of selected readings and observations; review of open items at the end of the visit.

Observed Test Activities

No.	Activity	Sample observation	Result shown
1	Winding resistance	Three-phase readings recorded; values balanced within the sample test range.	Satisfactory
2	Insulation resistance	Reading recorded before running test; test conditions noted in the record.	Satisfactory
3	No-load running test	Motor operated smoothly during the attended period; current and speed recorded.	Satisfactory
4	Direction of rotation	Observed against marked direction.	Satisfactory
5	Vibration readings	Selected bearing-location readings recorded during stable running conditions.	Satisfactory
6	Bearing temperature trend	Temperatures monitored during the attended running period.	Satisfactory
7	Noise / abnormal mechanical conditions	No unusual mechanical noise observed during the attended sample run.	No issue observed

Selected sample readings

Parameter	Phase / position	Sample value	Reference
Winding resistance	U-V	0.082 Ω	Sample record
Winding resistance	V-W	0.081 Ω	Sample record
Winding resistance	W-U	0.082 Ω	Sample record
No-load current	Average	46.2 A	Sample record
Speed	-	1487 rpm	Sample record
Vibration	DE horizontal	1.7 mm/s RMS	Sample reading
Vibration	NDE horizontal	1.5 mm/s RMS	Sample reading

Inspection Observations

Check	Sample observation	Status
Nameplate / identification	Equipment tag and main rating information were readable and consistent with the sample data sheet.	OK
External condition	General external condition visually acceptable for the demonstration.	OK
Terminal box	Cover, cable entry arrangement and internal cleanliness visually checked.	OK
Earthing point	Marked earthing point visible.	OK
Rotation marking	Direction arrow present and visible.	OK
Documentation	Selected test records were available for review during the sample visit.	OK
Packing readiness	Not included in this demonstration visit.	N/A

Open items / follow-up

Item	Observation	Follow-up status
P-01	Final signed routine test record to be included in the buyer document package.	Open at time of sample visit
P-02	Final packing photographs to be provided after packing is completed.	For later follow-up

Photographic evidence layout

A live project report can include numbered photographs tied to the equipment tag, test setup, instrument display, nameplate, visual condition and any open item. Images are normally captioned so the reader can understand why each photograph is relevant.

PHOTO 01 Equipment overview Photo placeholder	PHOTO 02 Nameplate / tag Photo placeholder
PHOTO 03 Test setup / reading Photo placeholder	PHOTO 04 Open item / detail Photo placeholder

Visit Summary & Follow-up

The demonstration visit covered equipment identification, selected technical records, agreed factory test activities, selected test readings and a general visual condition check. The sample results shown in this document are fictional and are used only to illustrate how Inspectfin can present technical observations in a concise, traceable report.

At the end of the sample visit, two follow-up items remained for later document / packing completion. A live report would clearly state the status of each item based on information available during the visit.

Report quality features

Feature	How it helps the project team
Traceable references	Equipment identification, document references and attended activities are connected in one report.
Concise technical observations	The reader can quickly see what was checked, what was observed and what remains open.
Selected measurements	Relevant values can be reproduced in the report when available during attendance.
Photographic evidence	Numbered and captioned photographs can support key observations.
Clear follow-up	Open items can be listed in a simple status table for later review.

Request an inspection in Finland

For a fast quotation or inspection request, send the manufacturer location, equipment description, requested inspection date, project / purchase reference and the current technical documents relevant to the planned visit.

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This sample is a demonstration document. It does not refer to a real buyer, manufacturer, equipment item or test result.