

	NDE INSPECTION REPORT Non-Destructive Examination & Traceability Record - Public Sample	WEBSITE SAMPLE CUSTOMER / ORDER DATA REDACTED
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YINKE VALVE | QUALITY CONTROL DOCUMENT | NDE / NDT QUALITY EVIDENCE
PUBLIC QUALITY EVIDENCE SAMPLE | VT | MT | PT | Personnel Qualification | Traceability

Customer	CONFIDENTIAL / REDACTED	Report No.	YK-NDE-SAMPLE-001	Revision	1 / Public Sample
Project / Purpose	Website Quality Evidence - NDE Report Format	PO / Contract No.	[REDACTED]	Inspection Date	18-Aug-2026
Manufacturer	CHINA YINKE VALVE CO., LIMITED	ITP / QCP Ref.	YK-QCP-[CONTROLLED]	NDE Procedure	YK-QC-NDE-[CONTROLLED]

1. VALVE IDENTIFICATION & MATERIAL TRACEABILITY

Valve Type	Gate Valve, Bolted Bonnet, OS&Y	Size / Rating	NPS 6 / ASME Class 600	Design Standard	API 600 / Sample
Body Material	ASTM A216 WCB	Bonnet Material	ASTM A216 WCB	Trim / Overlay	13Cr / Stainless - Sample
Valve Serial No.	[REDACTED]	Valve Tag No.	[REDACTED]	MTC / CMTR No.	[REDACTED]
Body Heat No.	[REDACTED]	Bonnet Heat No.	[REDACTED]	Closure Heat No.	[REDACTED]

2. NDE METHOD, PERSONNEL & PROCEDURE CONTROL

Methods in Sample	VT / MT / PT	Personnel Level	Level II - field shown for actual order	Qualification Basis	ASNT SNT-TC-1A (2024) / project requirement
PT Standard	ASTM E165/E165M-23	MT Standard	ASTM E709-21	Acceptance Basis	Approved PO / ITP / product specification
Written Practice Ref.	[CONTROLLED]	Examiner Cert. No.	[REDACTED]	Certification Validity	Verified on actual order

3. EQUIPMENT, CONSUMABLES & EXAMINATION CONDITIONS

Method / Item	Equipment / Consumable	ID / Batch	Control / Verification	Condition / Status
MT	AC electromagnetic yoke	[REDACTED]	Lift / functional check per approved procedure	TO BE RECORDED
MT	Magnetic particles / contrast media	[REDACTED]	Shelf life and batch verified	TO BE RECORDED
PT	Cleaner / penetrant / developer set	[REDACTED]	Batch, expiry and compatibility verified	TO BE RECORDED
VT / PT / MT	Visible light meter	[REDACTED]	Calibration status verified before use	TO BE RECORDED

4. NDE EXAMINATION SCOPE & SAMPLE RECORD

Item	Component / Area	Method	Extent	Surface Condition	Illustrative Observation	Disposition / Result	Record / Remark
01	Body pressure boundary - accessible external surfaces	MT	Illustrative: 100% accessible	Clean, dry, suitable for examination	Illustrative: No relevant linear indications	SAMPLE	Format example only
02	Bonnet pressure boundary - accessible surfaces	MT	Illustrative: 100% accessible	Clean, dry, suitable for examination	Illustrative: No relevant indications	SAMPLE	Format example only
03	Stem / ferromagnetic critical areas	MT	Illustrative: specified accessible areas	Prepared per procedure	Illustrative: No relevant indications	SAMPLE	Format example only
04	Wedge / seat sealing overlay or stainless surface	PT	Illustrative: 100% specified surface	Clean, dry, free of contamination	Illustrative: No relevant bleed-out indications	SAMPLE	Format example only
05	Repair / blend area, when applicable	MT or PT	Per repair map / ITP	Final prepared surface	Illustrative: N/A unless repair exists	SAMPLE	Actual order requires repair traceability

SAMPLE RECORD NOTE: The entries above demonstrate how method, examination extent, surface condition, indications and disposition are recorded. They do not certify an actual valve examination.

5. PRE-EXAMINATION & POST-EXAMINATION VERIFICATION CHECKLIST

No.	Verification Requirement	Status	Record / Reference
01	Valve identification, serial number and heat traceability match PO / drawing / MTC	TO BE RECORDED	Actual order QC record
02	NDE method and examination extent match approved ITP / procedure	TO BE RECORDED	Actual order QC record
03	Examiner qualification and certification validity verified	TO BE RECORDED	Personnel qualification file
04	Equipment checks / calibration status verified before examination	TO BE RECORDED	Equipment control record
05	Surface condition suitable and free from material that may mask indications	TO BE RECORDED	NDE report / inspection record
06	Consumable batch and expiry verified when PT / MT media are used	TO BE RECORDED	Consumable batch record
07	Lighting / examination conditions verified per approved procedure	TO BE RECORDED	NDE report / instrument record
08	Relevant indications evaluated to specified acceptance criteria	TO BE RECORDED	NDE report / indication map
09	Post-cleaning / demagnetization completed when required	TO BE RECORDED	NDE report
10	Report reviewed and released by authorized QC / NDE personnel	TO BE RECORDED	Controlled QC record



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6. DOCUMENT & EVIDENCE CROSS-REFERENCE

No.	Supporting Record	Reference No.	Traceability / Purpose	Issue Status
1	Material Test Certificate / CMTR	[REDACTED / CONTROLLED]	Links examined components to material heat numbers	Available with applicable order / audit
2	Approved NDE Procedure	[CONTROLLED]	Defines technique, equipment checks, examination sequence and evaluation	Available with applicable order / audit
3	NDE Personnel Qualification / Certification	[REDACTED / CONTROLLED]	Confirms method and level qualification for assigned examination	Controlled personnel record
4	MT Yoke Functional / Lift Check Record	[REDACTED / CONTROLLED]	Equipment verification before applicable MT examination	Available with applicable order / audit
5	PT / MT Consumable Batch Record	[REDACTED / CONTROLLED]	Consumable identity, batch and expiry traceability	Available with applicable order / audit
6	NDE Photographs / Indication Map	[REDACTED / CONTROLLED]	Area coverage and indication evidence when required by ITP / customer	When required by ITP / customer

7. INSPECTION STATUS & RELEASE AUTHORIZATION

NDE Examiner	Level II Reviewer	QC Inspector	Customer / TPI Witness
Name: _____	Name: _____	Name: _____	Name: _____
Certificate No.: _____	Certificate No.: _____	Signature: _____	Signature: _____
Signature: _____	Signature: _____	Date: _____	Date: _____
Date: _____	Date: _____	Release: _____	Witness / Review: _____

ACTUAL REPORT CERTIFICATION: For production orders, the authorized NDE/QC personnel certify that the identified components were examined to the approved procedure and applicable project requirements, and that the reported results are traceable to the listed personnel, equipment, consumables and material records.

METHOD NOTE: The NDE method and acceptance criteria must follow the actual PO, ITP, product standard, material type and approved procedure. Magnetic particle testing is applicable to ferromagnetic materials; penetrant testing is used for surface-breaking discontinuities on suitable nonporous materials.

PUBLIC WEBSITE SAMPLE - NOT AN ACTUAL PRODUCT NDE CERTIFICATE. This document demonstrates the YINKE VALVE NDE report format and QC traceability fields. Customer, PO, serial, heat, personnel, equipment and consumable identifiers are intentionally redacted. Examination observations and dispositions are illustrative examples only. Actual order reports are issued from controlled QC records after examination and include the applicable valve-specific traceability, approved acceptance criteria, qualified personnel references and authorized approvals.