

Quality and Traceability Plan

Kvalitets- och spårbarhetsplan

EVIDENCE BEFORE RELEASE

A required-function model for qualification, reconciliation, quarantine and identity control.

NO FABRICATED OPERATING HISTORY

Scope and control

Omfattning och styrning

SV

Detta dokument är förkommersiell kontrollerad information, inte kontrakt, ordererkännande, kontrollintyg, provresultat eller tekniskt godkännande. Slutliga krav uppstår endast genom signerad offert, order, tillämplig specifikation och leveransspecifika dokument.

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This document is pre-commercial controlled information, not a contract, order acknowledgement, inspection document, test result or engineering approval. Final requirements arise only through the signed quotation, order, applicable specification and shipment-specific documents.

Source basis / Källgrund: live controlled GOREX registries; GB/T 24186-2022 NM source-material framework; pre-commercial GOREX finished-part qualification and traceability requirements.

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Roller i planen beskriver nödvändiga funktioner, inte en påstådd bemannad organisation.

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Roles in this plan describe required functions, not a claimed staffed organisation.

Release gate

Frisläppningsgrind

SUPPLIER +
DOCUMENT

IDENTITY

HARDNESS

CHEMISTRY + TEST

RECONCILIATION

RELEASE

SUPPLIER AND DOCUMENT PRE-CHECK -> IDENTITY -> HARDNESS -> CHEMISTRY AND ORDERED TESTS -> RECONCILIATION -> RELEASE

GATE	REQUIRED ACTION	EVIDENCE
Supplier and document pre-check	The launch procurement requirement is the original mill EN 10204 3.1 inspection document for every released shipment. The first three released shipment lots target true EN 10204 3.2 qualification only when the required independent or authorized validation is actually arranged.	Qualification testing is assigned to a laboratory with relevant ISO/IEC 17025 accredited scope.
Heat and plate identity	Heat, plate ID and marking status are reconciled before test results are linked.	Identity list and document reference.
Surface and centre hardness	Centre hardness is optional in the base framework but mandatory in the qualification overlay together with surface hardness.	Test map, method and results linked to heat and plate.
Chemistry, impact and ordered tests	Chemistry, impact testing and ordered additions are reviewed against the order. Delivery condition must be Q or Q+T and no weld repair of plate is accepted.	Inspection document, test reports and purchase specification.
Document reconciliation	Values, test objects, identities and ordered requirements are reconciled as one chain.	Signed lot review checklist.
Release or quarantine decision	Only a complete, reconciled record proceeds. Any deviation is placed in quarantine for nonconformance assessment without implying an operating history.	Documented status, responsible review and disposition decision.

Document and qualification controls

Dokument- och kvalificeringskontroller

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- Originalverkets EN 10204 3.1-kontrollintyg krävs för varje frisläppt leverans.
- De första tre frisläppta leveranspartierna har verklig EN 10204 3.2 som kvalificeringsmål endast när nödvändig validering arrangeras.
- Kvalificeringsprovning tilldelas laboratorium med relevant ackrediterad ISO/IEC 17025-provningsomfattning.
- Yt- och centrumhårdhet krävs i överlägget. Kemi, slag och beställda prov stäms av.
- Leveranstillstånd Q eller Q+T; ingen svetsreparation av plåt.

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- Original mill EN 10204 3.1 inspection document is required for every released shipment.
- The first three released shipment lots target true EN 10204 3.2 only when required validation is arranged.
- Qualification testing is assigned to a laboratory with relevant ISO/IEC 17025 accredited scope.
- Surface and centre hardness are required in the overlay. Chemistry, impact and ordered tests are reconciled.
- Delivery condition Q or Q+T; no weld repair on plate.

Trace chain

Spårkedja

HEAT	PLATE	SAMPLE / TEST	INSPECTION DOCUMENT	DELIVERY
HEAT -> PLATE -> SAMPLE/TEST -> INSPECTION DOCUMENT -> DELIVERY				
LINK	CONTROL	EVIDENCE		
Heat	The heat identity is the first material reference.	Heat number in the mill document.		
Plate	Plate ID links dimensions and marking to the heat.	Plate list and marking.		
Sample and test	Sample position and result are reconciled to heat and plate.	Test map and report reference.		
Inspection document	The document consolidates ordered properties and identifiers.	Original document with document number.		
Delivery	The delivery record links released plate and documents to the recipient.	Order and delivery reference.		

Trace ID, nonconformance and records

Trace ID, avvikelse och register

TRACE ID

Planned marking architecture

Public lookup is inactive until backed by real released shipment data and authorised access.

HOLD

Quarantine

Incomplete, conflicting or unidentified material is physically and digitally held.

NCR

Nonconformance

Deviation, investigation, disposition and authorisation are recorded without invented history.

RECORD

Retention and revision

Identity, tests, review, release and delivery references remain linked under controlled access.

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Funktioner som krävs: inköpskontroll, teknisk granskning, provningssamordning, dokumentstyrning och frisläppningsbeslut.

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Required functions: procurement control, technical review, testing coordination, document control and release decision.

Source basis / Källgrund: live quality and traceability registries. **Contact:** craig@craiggore.net