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STEEL SOURCING & MATERIAL QUALITY

PROFILE

Working life spent between the drawing board and the rolling mill: specifying the grade, qualifying the source, and holding the tolerance that keeps a programme on schedule. Eighteen years across inspection, buying, sourcing strategy and group-level material governance.

18	60+	12	99.4%
YEARS IN THE TRADE	PROGRAMMES DELIVERED	SOURCE COUNTRIES	ON-TIME DELIVERY

EXPERIENCE

2019 – PRESENT

Group Materials Director

HANLIN INDUSTRIAL GROUP

Material strategy across four business units; 23 approved suppliers reduced to nine qualified sources without a supply interruption.

2015 – 2019

Head of Steel Buying

NORTHLINE TRADING

Built the wide-plate import programme to 40,000 tonnes a year; on-time delivery lifted from 82% to 99%.

2011 – 2015

Senior Buyer, Long Products

MERIDIAN STEELWORKS

Held rebar and section supply through the 2012 price shock with index-linked contracts and a second qualified mill.

2008 – 2011

Quality Engineer

COASTAL PLATE MILL

Owned dimensional acceptance and EN 10204 certification for every plate despatched.

EDUCATION & CERTIFICATION

2007 MSc, Metallurgical Engineering - University of Sheffield, United Kingdom

2016 API 5L PSL 2 Auditor - American Petroleum Institute

2014 Chartered Engineer (CEng) - Engineering Council, United Kingdom

CORE EXPERTISE

Specification and grade selection

Source qualification and mill auditing

Commercial structure and risk allocation

Logistics, sequencing and site delivery

SELECTED WORK

Body-in-white: 6,000 tonnes in fourteen weeks

A tier-one automotive supplier lost its mill eleven weeks before start of production. Re-qualified an alternative mill, carried the grade transfer and rewrote the delivery sequence.

11 days earlier than the revised plan; zero rejected coils across 214 deliveries.

Structural steel, sixty-two storeys

18,000 tonnes of sections from three mills tied to an erection sequence with one shared crane window. Sequenced all three against the plan and held a single acceptance standard.

Zero crane days lost to late steel across an eleven-month programme.

Line pipe for a gathering network

940 km of gathering line to API 5L PSL 2, sour service, no second weather window. Qualified two spiral mills and staged joints by spread.

2,400 joints accepted at first inspection, no rework at the coating yard.

SKILLS & TOOLS

Materials	Carbon and HSLA steel; stainless 304 / 316L; wide plate and coil; long and section products; API 5L line pipe
Commercial	Incoterms and letters of credit; index-linked pricing; contract risk allocation; supplier audits
Technical	EN 10204 certification; dimensional inspection; NDT coordination; grade translation; weldability review
Systems	SAP MM; Power BI; Excel modelling; AutoCAD (review); supplier portals
Languages	English fluent; Mandarin native; German working

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References, mill audit reports and project documentation available on request.