

Buyer Checklist For High Collapse Casing

RFQ and inspection points for collapse-rated API 5CT casing orders

For High Collapse Casing, the RFQ should identify the collapse rating, material route, geometry controls and inspection documents before price comparison. This checklist helps buyers keep collapse performance, running clearance, connection acceptance and traceability in the same review chain.

RFQ Item	Why It Matters
Required collapse rating	The core performance requirement for HC casing
Standard and grade	Confirms the API 5CT / ISO 11960 basis and material route
OD, weight and wall thickness	Directly influence collapse capacity and running design
Length range	R2 or R3 affects connection count and running efficiency
Connection type	BTC, LTC or premium connection must match torque, sealing and load requirements
Manufacturing route	Seamless casing is often preferred for severe collapse conditions
Heat treatment	Controls strength, toughness and pipe-body consistency
Ovality and wall-thickness control	Critical for collapse resistance
Drift test	Confirms internal clearance for tools and completion equipment
NDT and hydrotest	Supports pipe-body integrity before shipment
Thread inspection	Reduces make-up problems and connection-related rejection
MTC and traceability	Links chemistry, mechanical properties, heat number and inspection records
Third-party inspection	Useful for critical wells or operator-specified projects

Practical Buyer Note

A complete HC casing order should not rely on grade name alone. Collapse rating, wall-thickness uniformity, ovality control, heat-treatment discipline, NDT, hydrotest, thread inspection and heat/lot traceability should be reviewed together before shipment release.

Octal Steel Technical Reference - High Collapse Casing RFQ Checklist