

# Precision Steel & Components Ltd.

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## BILL OF MATERIALS (BOM)

### BOM INFORMATION

BOM Revision: Rev 1.5  
BOM Date: October 10, 2025  
Status: Approved

### REFERENCE INFORMATION

Customer PO: PO-2025-15903  
Customer: AutoTech Manufacturing Corp.  
Project Code: PRJ-AT-2025-Q4B  
Prepared By: Technical Dept.

### MATERIAL IDENTIFICATION

ID	TYPE/PART DESIGNATION	DIMENSIONS	MATERIAL GRADE
CS-001	Seamless Carbon Steel Pipe	NPS 2" (60.3 mm OD) x SCH 40 x 6000 mm	ASTM A106 Grade B

**Material Overview:** Hot-finished seamless carbon steel pipe suitable for high-pressure applications, structural supports, and mechanical systems. Manufactured to ASTM A106 Grade B specifications for enhanced strength and reliability.

### TECHNICAL SPECIFICATIONS

Material Standard:	ASTM A106 Grade B / ASME SA-106 B
Pipe Type:	Seamless (no weld seam)
Nominal Pipe Size:	NPS 2" (DN 50)
Outside Diameter (OD):	60.3 mm (2.375 inches)
Schedule:	SCH 40 (Schedule 40)
Wall Thickness:	3.91 mm (nominal)
Inside Diameter (ID):	52.48 mm (nominal)
Length:	6000 mm (6 meters)
End Finish:	Plain end (PE), square cut
Surface Finish:	Black finish (as-rolled)
Length Tolerance:	+50 mm / -0 mm
Weight per Pipe:	22.3 kg (approx.)
Testing Required:	1 lot
Cutting Required:	No

Cert. Required: 1 Certificate

Technical Contact: Thomas Richardson, Technical Sales | Approved By: Quality Assurance Department

Document Control: This BOM is controlled by Precision Steel & Components Ltd. All pipes must be seamless and manufactured per ASTM A106 Grade B specifications.