订货单位 Purchaser	[redacted]	订货单位代码 Customer No.	018802	记录号 Record No.	DLZJC-03-0
合同号 Contract No.	C238A0020D	品名 Name	合金结构钢	证明书号 Certificate No.	W2310-0769232
生产号 Production No.	C238A0020DQ004	形状 Shape	圆钢(小棒)	入库票号 Into Depot No.	E46036572
牌号 Steel Grade	SCM440	图纸号 Drawing No.		重量(T) Weight	17.804吨
技术条件 Specification	QJ/DTC2.0326-2023	冶炼方法 Melting Method	按标准	规格(mm) Size	φ36
加工用途 Designated Further	热压力加工	炉号 Heat No.	2310507972	长度(mm) Length	fixed length: 6000
交货状态 Condition of Delivery	热轧	许可证号 License No.		件/盘数 Bundle Number	6
热处理号 Heat Treatment No.		签发日期 Date of Issue	20231025084530	支数 Piece Number	366

一、化学成分(%) Chemical Composition (%)

1. 熔炼成分

C |0.41 Si |0.24 Mn |0.86 P |0.011 S |0.005 Cr |1.02 Ni |0.04 Cu |0.03
Mo |0.21

二、力学性能 Mechanical Property

1. 冲击 Impace

冲击吸收功1-1(J) Impact Absorbed Energy(J)	80	98

2. 拉伸 Ult-Tensile-Strength

屈服强度1(N/mm2) Yield Strength(N/mm2)	990	1001
抗拉强度(N/mm2) Tensile Strength(N/mm2)	1177	1175
断后伸长率(%) Elongation(%)	14.5	15.5
断面收缩率(%) Reduction of Area(%)	81	74

3. 硬度 Heading

交货状态硬度(HB) Hardness	373	370	400

三、微观检验 Microstructure Exammination

1. 非金属夹杂物 Non-metallic Inclusions

A粗(级) A(Thick)(Grade)	0.5	0.5
A细(级) A(Thin)(Grade)	1.0	1.0
B粗(级) B(Thick)(Grade)	0.5	0.5
B细(级) B(Thin)(Grade)	1.0	1.0
C粗(级) C(Thick)(Grade)	0.0	0.0
C细(级) C(Thin)(Grade)	0.0	0.0
D粗(级) D(Thick)(Grade)	0.0	0.0
D细(级) D(Thin)(Grade)	0.5	0.5

四、宏观检验 Macrostructure Exammination

1. 低倍 Macrostructure

S(级) S(Grade)	1.0	1.0
R(级) R(Grade)	1.0	1.0
C(级) C(Grade)	1.0	1.0

探伤：合格

备注: Note	表面质量：合格 尺寸外形：合格			质量部门印章 Stamp of Quality Assurance Department
声明: Statement	经检验与试验,本产品符合合同及标准之规定 Through inspection and testing, the quality of product conforms to the stipulations of the related contract and standards.	质量判定人: Quality Judge:	邱飞玉	
		质量负责人: Quality Manager:	李红明	