

SBI	ใบรับวัตถุดิบ (Incoming Material Acception)	Inspector	Checked	Approved
Receive Date : 05/01/69		Supplier (ผู้จำหน่าย): San En.		
Grade of Material : S35C		Maker (ผู้ผลิต): SeAH		

No.	Heat No.	Q'ty	Data Inspection						
			Specification	Tool	Tol.	1	2	3	4
1	B 88439	50	Ø 31 mm.	Vernier	±0.3	31.18	31.21	31.25	31.20
			L 5500 mm.	คัลลิเบร	±50	5525	5530	5530	5520
	Charfer 2.80-4.20		Appearance	Visual		OK	OK	OK	OK
				Judgement		Δ	Δ	Δ	Δ
2	B 88439	50	Ø 31 mm.	Vernier	±0.3	31.15	31.19	31.20	31.16
			L 5500 mm.	คัลลิเบร	±50	5530	5535	5535	5525
	Charfer 3.10-5.00		Appearance	Visual		OK	OK	OK	OK
				Judgement		Δ	Δ	Δ	Δ
3	B 88439	36	Ø 31 mm.	Vernier	±0.3	31.21	31.20	31.15	31.12
			L 5500 mm.	คัลลิเบร	±50	5520	5525	5530	5535
	Charfer 2.90-4.80		Appearance	Visual		OK	OK	OK	OK
				Judgement		Δ	Δ	Δ	Δ
4			Ø mm.	Vernier	±0.3				
			L mm.	คัลลิเบร	±50				
			Appearance	Visual					
				Judgement					
5			Ø mm.	Vernier	±0.3				
			L mm.	คัลลิเบร	±50				
			Appearance	Visual					
				Judgement					
6			Ø mm.	Vernier	±0.3				
			L mm.	คัลลิเบร	±50				
			Appearance	Visual					
				Judgement					

Reference : 1. ใบรายการตรวจรับเหล็กเส้น (PO or Packing List) 2. ตรวจ Spec ส่วนผสมเหล็ก ตามมาตรฐาน SBI-PC-S01 3. รูปแบบการบรรจุ	ตรวจสอบสภาพการบรรจุ (Package)	
	หัวข้อการตรวจสอบ	ผลการตรวจสอบ
	1. มัดเหล็กเส้นไม่ขาดจากกัน	<input checked="" type="checkbox"/> OK <input type="checkbox"/> NG
	2. การจัดเรียงหัว-ท้ายเหล็กเส้น เสมอกัน	<input checked="" type="checkbox"/> OK <input type="checkbox"/> NG
	3. มีการขึ้นที่มัดเหล็กเส้นทุกมัด	<input checked="" type="checkbox"/> OK <input type="checkbox"/> NG
Comment : Appearance - No Crack - No Burr - No Bend - No Oval	Remark : <div style="display: flex; justify-content: space-around;"> <div> O Δ X </div> <div> = OK = SPECIAL ACCEPT = NO GOOD </div> </div>	

INSPECTION CERTIFICATE

ACCORDING TO EN10204:2004, Type 3.1

Date : 2025-07-24
Cert. No. : 202507-009920Made in Korea
Melted and poured in the Republic of Korea

Page (0/0)

Steel Grade : S35C
Heat No. : B88439
Size : 36 mm
Commodity : Round BarSpecification :
Melting Process : EAF-LF-VD(RH)-CC
Delivery Condition : As RolledCustomer : HONDA THAILAND
Supplier : SeAH Besteel
Serial-No. :

Inspection Items		Chemical Composition (wt. %)															
		C	Si	Mn	P	S	Cu	Ni	Cr	Mo	Ni+Cr						
Spec.	Min.	32	15	60	30	15	30	20	20		35						
	Max.	38	35	90	30	40	30	20	20		35						
Ladle Result		35	21	69	14	18	14	6	13	1	20						

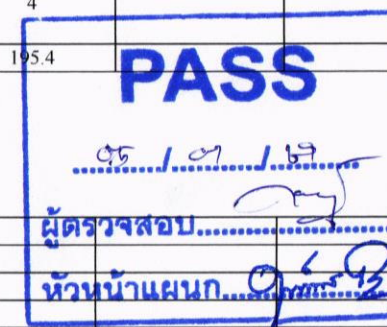
Inspection Items		Nonmetallic Inclusion (ASTM E-45)															
		A(T)	A(H)	B(T)	B(H)	C(T)	C(H)	D(T)	D(H)								
Spec.	Min.	0	0	0	0	0	0	0	0								
	Max.	4	3	3	2	2	2	2	2								
Result		2.0	.5	1.0	1.0	.0	.0	1.5	.5								

Inspection Items		Austenite Grain Size			Inspection Items		Decarburized Layer (mm)			Inspection Items		Macro Streak Flaw		
							DM-T							
Spec.	Min.	6			Spec.	Min.	0			Spec.	Min.			
	Max.					Max.	.35				Max.			
Result		7.0			Result		.21			Result		GOOD		

Inspection Items		Macro Structure			Inspection Items		Product Hardness (HB)			Inspection Items		Reduction Ratio		
		SURFACE	RANDOM	CENTER			SURFACE	MID	CENTER					
Spec.	Min.				Spec.	Min.				Spec.	Min.	4		
	Max.	2	2	2		Max.	241	241	241		Max.	195.4		
Result		1.0	1.0	1.0	Result		182	179	175	Result				

Inspection Items		Surface Inspection (mm)			Inspection Items		Ultrasonic Test		
Spec.	Min.				Spec.	Min.			
	Max.					Max.			
Result		GOOD			Result		GOOD		

Bundle	TOTAL								
Quantity(pcs)	421								
Weight(kg)	18,576								
Length(mm)	5,500								

We hereby certify that the material described herein has been made in accordance with the rules of the contract.
Our quality system is certified in accordance with IATF 16949:2016 / ISO 9001:2015 by KSA

TEL : +82-(0)2-6970-2192(Sales) +82-(0)63-460-8573(QA) / 8285(QA) / 8516(Technology Service) FAX : +82-(0)63-460-8423

Certified by

S. J. Yoon.

Manager of Quality Assurance Team.