

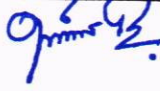
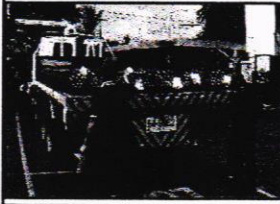
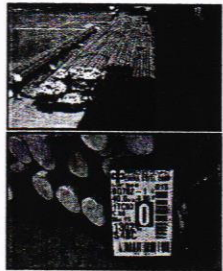


| | | | | |
|--------------------------------|--|---|--|---|
| SBI | ใบรับวัตถุดิบ (Incoming Material Acceptation) | Inspector  | Checked  | Approved  |
| | Receive Date : 05/02/19 | Supplier (ผู้จำหน่าย): San En | | |
| Grade of Material : HCM 415 HV | | Maker (ผู้ผลิต) : DAI | | |

| No. | Heat No. | Q'ty | Data Inspection | | | | | | |
|-----|----------|------|-----------------|---------------|------|-------|-------|-------|-------|
| | | | Specification | Tool | Tol. | 1 | 2 | 3 | 4 |
| 1 | 8282 A | 32 | Ø 32 mm. | Vernier | ±0.3 | 32.22 | 32.25 | 32.18 | 32.24 |
| | | | L 5.50 mm. | คัลลิเบรเตอร์ | ±50 | 55.25 | 55.30 | 55.20 | 55.25 |
| | | | Appearance | Visual | | OK | OK | OK | OK |
| | | | | Judgement | | 0 | 0 | 0 | 0 |
| 2 | | | Ø mm. | Vernier | ±0.3 | | | | |
| | | | L mm. | คัลลิเบรเตอร์ | ±50 | | | | |
| | | | Appearance | Visual | | | | | |
| | | | | Judgement | | | | | |
| 3 | | | Ø mm. | Vernier | ±0.3 | | | | |
| | | | L mm. | คัลลิเบรเตอร์ | ±50 | | | | |
| | | | Appearance | Visual | | | | | |
| | | | | Judgement | | | | | |
| 4 | | | Ø mm. | Vernier | ±0.3 | | | | |
| | | | L mm. | คัลลิเบรเตอร์ | ±50 | | | | |
| | | | Appearance | Visual | | | | | |
| | | | | Judgement | | | | | |
| 5 | | | Ø mm. | Vernier | ±0.3 | | | | |
| | | | L mm. | คัลลิเบรเตอร์ | ±50 | | | | |
| | | | Appearance | Visual | | | | | |
| | | | | Judgement | | | | | |
| 6 | | | Ø mm. | Vernier | ±0.3 | | | | |
| | | | L mm. | คัลลิเบรเตอร์ | ±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-ท้ายเหล็กเส้นเสมอกัน | <input checked="" type="checkbox"/> OK <input type="checkbox"/> NG |
|   | 3. มีการขึงที่มีดเหล็กเส้นทุกมัด | <input checked="" type="checkbox"/> OK <input type="checkbox"/> NG |
| | Comment : Appearance - No Crack - No Burr - No Bend - No Oval | |
| Remark : SYMBOL FOR JUDGE MENT O = OK Δ = SPECIAL ACCEPT X = NO GOOD | | |

INSPECTION CERTIFICATE

It is hereby certified that the above results are true and correct in every detail.

Chita Plant.

Chief of Quality Assurance Section



Daido Steel Co. Ltd.

T. Usami

Messrs: HONDA TRADING CORPORATION.

Date : OCT., 3, 2025

Packing List No: X-0052 (9EJ088)

Contract No: CAD0056806

Customer No: _____

Condition: HOT ROLLED

(BB590531-00 01)

| Quantity | NO | | Type of Steel | | Heat No. | | Size(MM) | | Length(MM) | | P'cs | | Weight (KGS) | | Body Hardness () | | |
|----------|----|------------|---------------|------------|-----------|-------|------------|-------|--------------|------------|------|-----|----------------|-----|-------------------|-------|-------|
| | | A101- A103 | A201- A204 | A301- A303 | HSCM415HV | 8281A | 8282A | 8282A | DIA 32 | " | " | " | 121 | 174 | 154 | 4,272 | 6,152 |
| | | | | " | | | | " | " | " | | | | | | | |
| | | | | " | | | | " | " | " | | | | | | | |
| | | | | | | | | TOTAL | | 10 BUNDLES | | 449 | | | 15,864 | | |

| Items | Chemical Composition | | | | | | | | | | | | | | Decarburization | Grain Size | Hardenability °C |
|--------------------|----------------------|-----|-----|------|------|-----|-----|------|-----|------|-------|------|---|---|-----------------|------------|------------------|
| | C | SI | MN | P | S | CU | NI | CR | MO | AL | O | N | | | | | |
| Unit | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % |
| Heat No. | 100 | 100 | 100 | 1000 | 1000 | 100 | 100 | 100 | 100 | 1000 | 10000 | 1000 | | | | | |
| Speci- fication | 12 | 15 | 55 | MAX | 10 | MAX | MAX | 85 | 10 | MIN | MAX | MIN | | | | | |
| | -18 | -35 | -90 | 30 | -30 | 30 | 25 | -125 | -25 | 15 | 15 | 10 | | | | | |
| 8281A | 16 | 22 | 78 | 22 | 15 | 16 | 9 | 112 | 10 | 44 | 8 | 17 | | | | | |
| 8282A | 16 | 22 | 79 | 24 | 12 | 15 | 9 | 112 | 10 | 43 | 6 | 15 | | | | | |

| MM | Hardenability (End Quenching Method.) | | | | | | | | | | | | Non Metallic Inclusion | | | | | | | | | | | |
|----------|---------------------------------------|----|----|----|----|----|----|----|----|----|----|----|------------------------|-----|-----|-----|-----|-----|-----|----|--|--|--|--|
| | 1.5 | 3 | 5 | 7 | 9 | 11 | 13 | 15 | 20 | 30 | 40 | 50 | ASTM | | | | | | | | | | | |
| Heat No. | | | | | | | | | | | | | AT | AH | BT | BH | CT | CH | DT | DH | | | | |
| 8281A | 43 | 42 | 35 | 30 | 27 | 25 | 24 | 22 | 19 | 15 | 12 | 10 | 1.5 | 0.5 | 0.5 | 0.0 | 0.0 | 1.0 | 0.0 | | | | | |
| 8282A | 43 | 42 | 37 | 32 | 28 | 26 | 24 | 23 | 20 | 15 | 12 | 9 | 1.0 | 0.5 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | | | | | |

| Items | Mechanical Properties (Type of Specimen) | | | | | | | Heat Treatment |
|--------------------|--|----------------|------------------|------------|-------------------|----------|--------------|----------------|
| | Yield | Point Strength | Tensile Strength | Elongation | Reduction of Area | Hardness | Impact Value | |
| Unit | | | | % | % | HB | | |
| Heat No. | | | | | | | | |
| Speci- fication | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

| Heat No. | Items | Macro structure | | Micro structure | Upsetting Test | Ultrasonic Test | Size Tolerance (MM) |
|----------|-------|-----------------|------|-----------------|----------------|-----------------|---------------------|
| | | Streak | Flaw | | | | |
| 8281A | | | | | | GOOD | |
| 8282A | | | | | | GOOD | |



Remarks