

|                               |                                                  |                                |         |          |
|-------------------------------|--------------------------------------------------|--------------------------------|---------|----------|
| SBI                           | ใบรับวัตถุดิบ<br>(Incoming Material Acceptation) | Inspector                      | Checked | Approved |
|                               |                                                  |                                |         |          |
| Receive Date : 06/01/69       |                                                  | Supplier (ผู้จำหน่าย): San En. |         |          |
| Grade of Material : SCM 415 H |                                                  | Maker (ผู้ผลิต) : DAI          |         |          |

| No. | Heat No. | Q'ty | Data Inspection |           |      |       |       |       |       |
|-----|----------|------|-----------------|-----------|------|-------|-------|-------|-------|
|     |          |      | Specification   | Tool      | Tol. | 1     | 2     | 3     | 4     |
| 1   | 3 B 19 A | 31   | Ø 28 mm.        | Vernier   | ±0.3 | 28.14 | 28.15 | 28.21 | 28.28 |
|     |          |      | L 5500 mm.      | คัลลิเบร  | ±50  | 5525  | 5530  | 5520  | 5530  |
|     |          |      | Appearance      | Visual    |      | OK    | OK    | OK    | OK    |
|     |          |      |                 | Judgement |      | O     | O     | O     | O     |
| 2   | 3 B 19 A | 71   | Ø 28 mm.        | Vernier   | ±0.3 | 28.16 | 28.21 | 28.31 | 28.28 |
|     |          |      | L 5500 mm.      | คัลลิเบร  | ±50  | 5535  | 5525  | 5530  | 5525  |
|     |          |      | Appearance      | Visual    |      | OK    | OK    | OK    | OK    |
|     |          |      |                 | Judgement |      | O     | O     | O     | O     |
| 3   |          |      | Ø mm.           | Vernier   | ±0.3 |       |       |       |       |
|     |          |      | L mm.           | คัลลิเบร  | ±50  |       |       |       |       |
|     |          |      | Appearance      | Visual    |      |       |       |       |       |
|     |          |      |                 | Judgement |      |       |       |       |       |
| 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 :

- ใบรายการตรวจรับเหล็กเส้น ( PO or Packing List)
- ตรวจ Spec ส่วนผสมเหล็ก ตามมาตรฐาน SBI-PC-S01
- รูปแบบการบรรจุ



#### ตรวจสอบสภาพการบรรจุ ( Package)

| หัวข้อการตรวจสอบ                           | ผลการตรวจสอบ                           |                             |
|--------------------------------------------|----------------------------------------|-----------------------------|
| 1. มัดเหล็กเส้นไม่ขาดจากกัน                | <input checked="" type="checkbox"/> OK | <input type="checkbox"/> NG |
| 2. การจัดเรียงหัว-ท้ายเหล็กเส้น<br>เสมอกัน | <input checked="" type="checkbox"/> OK | <input type="checkbox"/> NG |
| 3. มีการขึงที่มัดเหล็กเส้นทุกมัด           | <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

Chita Plant.

Chief of Quality Assurance Section



**Daido Steel Co. Ltd.**

*T. Usami*

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

Messrs: HONDA TRADING CORPORATION.

Date : MAY., 15, 2025

Packing List No 5-0443 (4EJ052)

Contract No: CAD0053068

Customer No: \_\_\_\_\_

Condition: HOT ROLLED

(BB540570-00 01)

| Quantity | NO |      | Type of Steel |         | Heat No. |       | Size (MM) |        | Length (MM) |        | P'cs  |    | Weight (KGS) |       | Body Hardness |  |
|----------|----|------|---------------|---------|----------|-------|-----------|--------|-------------|--------|-------|----|--------------|-------|---------------|--|
|          |    | A101 | A201          | SCM415H | "        | 3B19A | 3B19A     | DIA 28 | "           | 4,000- | 5,500 | 71 | 36           | 1,892 | 962           |  |
|          |    |      |               |         |          |       | TOTAL     |        | 2 BUNDLES   |        | 107   |    | 2,854        |       |               |  |

  

| Items              | Chemical Composition |     |     |     |     |     |     |      |     |     |     |   |   |   | Decarburization | Grain Size | Hardenability<br>°C |   |   |
|--------------------|----------------------|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|---|---|---|-----------------|------------|---------------------|---|---|
|                    | C                    | SI  | MN  | P   | S   | CU  | NI  | CR   | MO  | AL  | N   |   |   |   |                 |            |                     |   |   |
|                    | %                    | %   | %   | %   | %   | %   | %   | %    | %   | %   | %   | % | % | % |                 |            |                     | % | % |
| Heat No.           | 12                   | 15  | 55  | MAX | 10  | MAX | MAX | 85   | 10  | MIN | MIN |   |   |   |                 |            |                     |   |   |
| Speci-<br>fication | -18                  | -35 | -90 | 30  | -30 | 30  | 25  | -125 | -25 | 15  | 10  |   |   |   |                 |            |                     |   |   |
| 3B19A              | 18                   | 26  | 67  | 15  | 17  | 17  | 11  | 107  | 15  | 32  | 15  |   |   |   |                 |            |                     |   |   |

  

| Heat No. | Hardenability (End Quenching Method.) |    |    |    |    |    |    |    |    |    |    |    | Non Metallic Inclusion |     |     |     |     |     |  |  |
|----------|---------------------------------------|----|----|----|----|----|----|----|----|----|----|----|------------------------|-----|-----|-----|-----|-----|--|--|
|          | 1.5                                   | 3  | 5  | 7  | 9  | 11 | 13 | 15 | 20 | 30 | 40 | 50 | ASTM                   |     |     |     |     |     |  |  |
|          | AT                                    | AH | BT | BH | CT | CH | DT | DH |    |    |    |    |                        |     |     |     |     |     |  |  |
| 3B19A    | 44                                    | 42 | 35 | 30 | 27 | 25 | 24 | 23 | 20 | 16 | 14 | 12 | 1.5                    | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 |  |  |

  

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

  

| Heat No. | Items | Macro     |             | Micro structure | Upsetting Test | Ultrasonic Test | Size Tolerance (MM) |
|----------|-------|-----------|-------------|-----------------|----------------|-----------------|---------------------|
|          |       | structure | Streak Flaw |                 |                |                 |                     |
| 3B19A    |       |           |             |                 |                | GOOD            |                     |



Remarks