

# SUPPLY & INSPECTION VERIFICATION SHEET

Issued by Aobo Steel

|                   |   |                      |                     |
|-------------------|---|----------------------|---------------------|
| <b>Reference:</b> | Original Mill Certificate<br>EN 10204-3.1<br>(Attached) | <b>Document No.:</b> | AB-VS-2024-03010    |
| <b>Issued by:</b> | HUANGSHI AOBO<br>MOULD MATERIAL CO.,<br>LTD.            | <b>Issue Date:</b>   | Mar 10, 2024        |
| <b>Website:</b>   | www.aobosteel.com                                       | <b>Email:</b>        | sales@aobosteel.com |

This document is issued by Aobo Steel for supply verification and traceability reference. The original mill certificate (EN 10204-3.1) remains the governing certificate for mill test data and heat traceability.

## ORDER & REFERENCE INFORMATION

|                      |                     |                              |                       |
|----------------------|---------------------|------------------------------|-----------------------|
| <b>Customer</b>      | _____               | <b>Invoice / Reference</b>   | AB2023089             |
| <b>Original Mill</b> | [Partner Mill Name] | <b>Original 3.1 Cert No.</b> | [3.1 Certificate No.] |

## PRODUCT IDENTIFICATION & TRACEABILITY

| Item | Grade (Standard) | Heat No. | Size (mm)                           | Qty | Weight (t) | Condition             |
|------|------------------|----------|-------------------------------------|-----|------------|-----------------------|
| 1    | DIN 1.2343       | 9548451  | φ136 – φ182                         | 9   | 10.718     | Annealed (+A), turned |
| 2    | DIN 1.2080       | 3481574  | φ91-φ305 / 60×230 / 60×260 / 40×340 | 17  | 10.921     | Annealed (+A), turned |
| 3    | DIN 1.2379       | 2548762  | φ40.5 – φ142                        | 174 | 5.081      | Annealed (+A), turned |

## CHEMICAL COMPOSITION (HEAT ANALYSIS) - STANDARD RANGE VS MILL RESULT

Values below are listed with reference to the applicable standard and the attached mill certificate.

### Heat No. 9548451 - DIN 1.2343

| Element | Standard Range (%) | Mill Result (%) | Remark |
|---------|--------------------|-----------------|--------|
| C       | [0.xx-0.xx]        | 0.45            | —      |
| Si      | [0.xx-0.xx]        | 0.80            | —      |

|    |             |      |            |
|----|-------------|------|------------|
| Mn | [0.xx-0.xx] | 0.54 | —          |
| P  | ≤[0.0xx]    | /    | Not stated |
| S  | ≤[0.0xx]    | /    | Not stated |
| Cr | [X.XX-X.XX] | 5.01 | —          |
| Mo | [x.xx-x.xx] | 1.18 | —          |
| V  | [x.xx-x.xx] | 0.31 | —          |

**Heat No. 3481574 - DIN 1.2080**

| Element | Standard Range (%) | Mill Result (%) | Remark     |
|---------|--------------------|-----------------|------------|
| C       | [x.xx-x.xx]        | 1.90            | —          |
| Si      | ≤[0.xx]            | /               | Not stated |
| Mn      | [0.xx-0.xx]        | 0.32            | —          |
| P       | ≤[0.0xx]           | /               | Not stated |
| S       | ≤[0.0xx]           | /               | Not stated |
| Cr      | [X.XX-X.XX]        | 11.52           | —          |

**Heat No. 2548762 - DIN 1.2379**

| Element | Standard Range (%) | Mill Result (%) | Remark     |
|---------|--------------------|-----------------|------------|
| C       | [X.XX-X.XX]        | 1.40            | —          |
| Si      | ≤[0.xx]            | 0.10            | —          |
| Mn      | [0.xx-0.xx]        | 0.25            | —          |
| P       | ≤[0.0xx]           | /               | Not stated |
| S       | ≤[0.0xx]           | /               | Not stated |
| Cr      | [X.XX-X.XX]        | 11.10           | —          |
| Mo      | [0.xx-0.xx]        | 0.80            | —          |
| V       | [0.xx-0.xx]        | 0.78            | —          |
| Ni      | ≤[0.xx]            | 0.26            | —          |
| Cu      | ≤[0.xx]            | 0.10            | —          |

*"/" indicates the value is not stated in the referenced mill certificate.*

**ANNEALED CONDITION VERIFICATION**

| Heat No. | Condition | Hardness (HB) | Remark |
|----------|-----------|---------------|--------|
|----------|-----------|---------------|--------|

|         |               |     |   |
|---------|---------------|-----|---|
| 9548451 | Annealed (+A) | 215 | — |
| 3481574 | Annealed (+A) | 215 | — |
| 2548762 | Annealed (+A) | 215 | — |

|                                |                        |
|--------------------------------|------------------------|
| <b>ULTRASONIC TESTING (UT)</b> |                        |
| <b>UT Standard</b>             | SEP 1921-84, Class D/d |
| <b>Result</b>                  | PASS                   |

|   |
|---|
| <b>TRACEABILITY STATEMENT</b>   |
| The heat number(s) listed above were checked by Aobo Steel during receiving and shipment. This document is issued with reference to the original mill certificate stated above. For complete mill certification and production traceability, the original mill certificate shall be attached. |

|  |                            |
|--|----------------------------|
| <b>VERIFICATION</b>  |                            |
| <b>Verified by:</b><br>Aobo Steel - Quality Control Department | <b>Signature:</b><br>_____ |
| <b>Name:</b> _____   | <b>Date:</b> _____         |

|   |
|---|
| <b>ATTACHMENTS</b>                            |
| 1) Original Mill Certificate (EN 10204 - 3.1) |
| 2) Packing List / Shipment List (optional)    |
| 3) Third-party test report (optional)         |