

CUSTOMER NAME & ADDRESS : **M/s S.S.B ENGINEERS (P) LTD.**
133, M.I.A. ALWAR - 301030
(RAJASTHAN) - INDIA

CERTIFICATE No. : AM24CC07396
ULR No. : CC228624000007396F
ENVIRONMENTAL CONDITIONS : TEMPERATURE (20 ± 2)°C
HUMIDITY (60 ± 20) % RH
CALIB. PROCEDURE : AM-WI-33M
CALIB. PERFORMED AT : LAB
RECEIPT DATE : 17/12/2024
CALIBRATION DATE : 18/12/2024
SUGG. DUE DATE : 17/12/2025
ISSUE DATE : 20/12/2024
CONDITION ON RECEIPT : SATISFACTORY

ITEM DESCRIPTION : **MAG. V BLOCK**
Sr. No. / ID No. : SSB/VB-06
MAKE / MODEL : MILHARD
RANGE / SIZE : 63 X 50 X 50 mm
LEAST COUNT : N/A
LOCATION : STANDARD ROOM

TRACEABILITY : -

STANDARDS USED FOR CALIBRATION ARE TRACEABLE TO NATIONAL OR INTERNATIONAL STANDARDS THROUGH NABL ACCREDITED LABORATORY.

MASTER(S) USED FOR CALIBRATION : -

| Sr. No. | ITEM No. | DESCRIPTION | CALIB. DUE DATE | CERTIFICATE No. | CALIBRATED FROM |
|---------|-----------|-----------------------|-----------------|--------------------|------------------------------------|
| 1 | AM/DI 003 | DIGIMATIC INDICATOR | 04/11/2025 | AM24CC06221 | ACCURATE MEASUREMENTS, DELHI |
| 2 | SM 002 | PARALLEL TEST MANDREL | 26/06/2026 | TI/F/TM/002/24 | TANSON INSTRUMENT, FBD. |
| 3 | MC - 001 | CYLINDRICAL SQUARE | 01/09/2026 | CC247224000002130F | S.V. NANOMETROLOGY PVT. LTD., FBD. |
| 4 | SGS 001 | SLIP GAUGE BLOCK SET | 13/06/2025 | TI/F/SGS/005/23 | TANSON INSTRUMENT, FBD. |

I. MECHANICAL DIMENSION - BASIC**OBSERVATIONS**

| Sr. No. | PARAMETER | STANDARD (in µm) | UNIT UNDER CALIBRATION (in µm) |
|---------|-----------|------------------|--------------------------------|
|---------|-----------|------------------|--------------------------------|

GRADE - I

| | | | |
|---|--------------------------------|-----|---|
| 1 | PARALLELISM OF 'V' FACE | 6.5 | 5 |
| 2 | FLATNESS OF TOP/BOTTOM SURFACE | 4.2 | 3 |
| 3 | FLATNESS OF SIDE SURFACE | 6.5 | 4 |
| 4 | PERPENDICULARITY | 6 | 5 |

UNCERTAINTY OF MEASUREMENT : ± 6.8 µm (95.45 % OF CONFIDENCE LEVEL, k=2)

REMARK : - 'V' BLOCK CONFIRMS TO GRADE I AS PER IS : 2949 (1992) CLAUSE 8.1

END OF CERTIFICATE

Calibrated By: - (Vikas Sharma, Calib. Engg.)

Approved By : - (S. Kaushik, QM)

NOTE :-

- 1 The calibration result reported in this certificate are related to item (s) calibrated & is valid at the time of and under stated condition of measurement.
- 2 This certificate should not be reproduced, expect in full, without our prior permission in writing.
- 3 Calibration done by the laboratory is meant for scientific and industrial purpose only.

ACCURATE MEASUREMENTS, PLOT NO. 103, D BLOCK, MEETHAPUR EXTENSION, BADARPUR, NEW DELHI - 110044

E-Mail : accurate2@gmail.com ; Mob. No. 9818166269, 9811826626

ISSUE/REVISION NO. : 04/04

REVISION DATE : 01/05/23

CUSTOMER NAME & ADDRESS : **M/s S.S.B ENGINEERS (P) LTD.**
133, M.I.A. ALWAR - 301030
(RAJASTHAN) - INDIA

CERTIFICATE No. : AM24CC07395
ULR No. : CC228624000007395F
ENVIRONMENTAL CONDITIONS : TEMPERATURE (20 ± 2)°C
HUMIDITY (60 ± 20) % RH
CALIB. PROCEDURE : AM-WI-33M
CALIB. PERFORMED AT : LAB
RECEIPT DATE : 17/12/2024
CALIBRATION DATE : 18/12/2024
SUGG. DUE DATE : 17/12/2025
ISSUE DATE : 20/12/2024
CONDITION ON RECEIPT : SATISFACTORY

ITEM DESCRIPTION : **MAG. V BLOCK**
Sr. No. / ID No. : SSB/VB-05
MAKE / MODEL : MILHARD
RANGE / SIZE : 63 X 50 X 50 mm
LEAST COUNT : N/A
LOCATION : CMM ROOM

TRACEABILITY : -

STANDARDS USED FOR CALIBRATION ARE TRACEABLE TO NATIONAL OR INTERNATIONAL STANDARDS THROUGH NABL ACCREDITED LABORATORY.

MASTER(S) USED FOR CALIBRATION : -

| Sr. No. | ITEM No. | DESCRIPTION | CALIB. DUE DATE | CERTIFICATE No. | CALIBRATED FROM |
|---------|-----------|-----------------------|-----------------|--------------------|------------------------------------|
| 1 | AM/DI 003 | DIGIMATIC INDICATOR | 04/11/2025 | AM24CC06221 | ACCURATE MEASUREMENTS, DELHI |
| 2 | SM 002 | PARALLEL TEST MANDREL | 26/06/2026 | TI/F/TM/002/24 | TANSON INSTRUMENT, FBD. |
| 3 | MC - 001 | CYLINDRICAL SQUARE | 01/09/2026 | CC247224000002130F | S.V. NANOMETROLOGY PVT. LTD., FBD. |
| 4 | SGS 001 | SLIP GAUGE BLOCK SET | 13/06/2025 | TI/F/SGS/005/23 | TANSON INSTRUMENT, FBD. |

I. MECHANICAL DIMENSION - BASIC

OBSERVATIONS

| Sr. No. | PARAMETER | STANDARD (in µm) | UNIT UNDER CALIBRATION (in µm) |
|---------|-----------|------------------|--------------------------------|
|---------|-----------|------------------|--------------------------------|

GRADE - I

| | | | |
|---|--------------------------------|-----|---|
| 1 | PARALLELISM OF 'V' FACE | 6.5 | 4 |
| 2 | FLATNESS OF TOP/BOTTOM SURFACE | 4.2 | 3 |
| 3 | FLATNESS OF SIDE SURFACE | 6.5 | 5 |
| 4 | PERPENDICULARITY | 6 | 4 |

UNCERTAINTY OF MEASUREMENT : ± 6.8 µm (95.45 % OF CONFIDENCE LEVEL, k=2)

REMARK : - 'V' BLOCK CONFIRMS TO GRADE I AS PER IS : 2949 (1992) CLAUSE 8.1

END OF CERTIFICATE

Calibrated By: - (Vikas Sharma, Calib. Engg.)

Approved By : - (S. Kaushik, QM)

NOTE :-

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ACCURATE MEASUREMENTS, PLOT NO. 103, D BLOCK, MEETHAPUR EXTENSION, BADARPUR, NEW DELHI - 110044

E-Mail : accurate2@gmail.com ; Mob. No. 9818166269, 9811826626

ISSUE/REVISION NO. : 04/04

REVISION DATE : 01/05/23

CUSTOMER NAME & ADDRESS : **M/s S.S.B ENGINEERS (P) LTD.**
133, M.I.A. ALWAR - 301030
(RAJASTHAN) - INDIA

CERTIFICATE No. : AM24CC07394
ULR No. : CC228624000007394F
ENVIRONMENTAL CONDITIONS : TEMPERATURE (20 ± 2)°C
HUMIDITY (60 ± 20) % RH
CALIB. PROCEDURE : AM-WI-33M
CALIB. PERFORMED AT : LAB
RECEIPT DATE : 17/12/2024
CALIBRATION DATE : 18/12/2024
SUGG. DUE DATE : 17/12/2025
ISSUE DATE : 20/12/2024
CONDITION ON RECEIPT : SATISFACTORY

ITEM DESCRIPTION : **MAG. V BLOCK**
Sr. No. / ID No. : SSB/VB-04
MAKE / MODEL : MILHARD
RANGE / SIZE : 150 X 95 X 75 mm
LEAST COUNT : N/A
LOCATION : CMM ROOM

TRACEABILITY : -

STANDARDS USED FOR CALIBRATION ARE TRACEABLE TO NATIONAL OR INTERNATIONAL STANDARDS THROUGH NABL ACCREDITED LABORATORY.

MASTER(S) USED FOR CALIBRATION : -

| Sr. No. | ITEM No. | DESCRIPTION | CALIB. DUE DATE | CERTIFICATE No. | CALIBRATED FROM |
|---------|-----------|-----------------------|-----------------|--------------------|------------------------------------|
| 1 | AM/DI 003 | DIGIMATIC INDICATOR | 04/11/2025 | AM24CC06221 | ACCURATE MEASUREMENTS, DELHI |
| 2 | SM 002 | PARALLEL TEST MANDREL | 26/06/2026 | TI/F/TM/002/24 | TANSON INSTRUMENT, FBD. |
| 3 | MC - 001 | CYLINDRICAL SQUARE | 01/09/2026 | CC247224000002130F | S.V. NANOMETROLOGY PVT. LTD., FBD. |
| 4 | SGS 001 | SLIP GAUGE BLOCK SET | 13/06/2025 | TI/F/SGS/005/23 | TANSON INSTRUMENT, FBD. |

I. MECHANICAL DIMENSION - BASIC

OBSERVATIONS

| Sr. No. | PARAMETER | STANDARD (in µm) | UNIT UNDER CALIBRATION (in µm) |
|---------|-----------|------------------|--------------------------------|
|---------|-----------|------------------|--------------------------------|

GRADE - I

| | | | |
|---|--------------------------------|-----|---|
| 1 | PARALLELISM OF 'V' FACE | 7.5 | 5 |
| 2 | FLATNESS OF TOP/BOTTOM SURFACE | 4.6 | 4 |
| 3 | FLATNESS OF SIDE SURFACE | 7.5 | 5 |
| 4 | PERPENDICULARITY | 7 | 6 |

UNCERTAINTY OF MEASUREMENT : ± 6.8 µm (95.45 % OF CONFIDENCE LEVEL, k=2)

REMARK : - 'V' BLOCK CONFIRMS TO GRADE I AS PER IS : 2949 (1992) CLAUSE 8.1

END OF CERTIFICATE

Calibrated By: - (Vikas Sharma, Calib. Engg.)

Approved By : - (S. Kaushik, QM)

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ACCURATE MEASUREMENTS, PLOT NO. 103, D BLOCK, MEETHAPUR EXTENSION, BADARPUR, NEW DELHI - 110044

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ISSUE/REVISION NO. : 04/04

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133, M.I.A. ALWAR - 301030
(RAJASTHAN) - INDIA

CERTIFICATE No. : AM24CC07393
ULR No. : CC228624000007393F
ENVIRONMENTAL CONDITIONS : TEMPERATURE (20 ± 2)°C
HUMIDITY (60 ± 20) % RH
CALIB. PROCEDURE : AM-WI-33M
CALIB. PERFORMED AT : LAB
RECEIPT DATE : 17/12/2024
CALIBRATION DATE : 18/12/2024
SUGG. DUE DATE : 17/12/2025
ISSUE DATE : 20/12/2024
CONDITION ON RECEIPT : SATISFACTORY

ITEM DESCRIPTION : **MAG. V BLOCK**
Sr. No. / ID No. : SSB/VB-03
MAKE / MODEL : MILHARD
RANGE / SIZE : 150 X 95 X 75 mm
LEAST COUNT : N/A
LOCATION : CMM ROOM

TRACEABILITY : -

STANDARDS USED FOR CALIBRATION ARE TRACEABLE TO NATIONAL OR INTERNATIONAL STANDARDS THROUGH NABL ACCREDITED LABORATORY.

MASTER(S) USED FOR CALIBRATION : -

| Sr. No. | ITEM No. | DESCRIPTION | CALIB. DUE DATE | CERTIFICATE No. | CALIBRATED FROM |
|---------|-----------|-----------------------|-----------------|--------------------|------------------------------------|
| 1 | AM/DI 003 | DIGIMATIC INDICATOR | 04/11/2025 | AM24CC06221 | ACCURATE MEASUREMENTS, DELHI |
| 2 | SM 002 | PARALLEL TEST MANDREL | 26/06/2026 | TI/F/TM/002/24 | TANSON INSTRUMENT, FBD. |
| 3 | MC - 001 | CYLINDRICAL SQUARE | 01/09/2026 | CC247224000002130F | S.V. NANOMETROLOGY PVT. LTD., FBD. |
| 4 | SGS 001 | SLIP GAUGE BLOCK SET | 13/06/2025 | TI/F/SGS/005/23 | TANSON INSTRUMENT, FBD. |

I. MECHANICAL DIMENSION - BASIC**OBSERVATIONS**

| Sr. No. | PARAMETER | STANDARD (in µm) | UNIT UNDER CALIBRATION (in µm) |
|---------|-----------|------------------|--------------------------------|
|---------|-----------|------------------|--------------------------------|

GRADE - I

| | | | |
|---|--------------------------------|-----|---|
| 1 | PARALLELISM OF 'V' FACE | 7.5 | 5 |
| 2 | FLATNESS OF TOP/BOTTOM SURFACE | 4.6 | 3 |
| 3 | FLATNESS OF SIDE SURFACE | 7.5 | 5 |
| 4 | PERPENDICULARITY | 7 | 6 |

UNCERTAINTY OF MEASUREMENT : ± 6.8 µm (95.45 % OF CONFIDENCE LEVEL, k=2)

REMARK : - 'V' BLOCK CONFIRMS TO GRADE I AS PER IS : 2949 (1992) CLAUSE 8.1

END OF CERTIFICATE

Calibrated By: - (Vikas Sharma, Calib. Engg.)

Approved By : - (S. Kaushik, QM)

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ACCURATE MEASUREMENTS, PLOT NO. 103, D BLOCK, MEETHAPUR EXTENSION, BADARPUR, NEW DELHI - 110044

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ISSUE/REVISION NO. : 04/04

REVISION DATE : 01/05/23

CUSTOMER NAME & ADDRESS : **M/s S.S.B ENGINEERS (P) LTD.**
133, M.I.A. ALWAR - 301030
(RAJASTHAN) - INDIA

CERTIFICATE No. : AM24CC07392
ULR No. : CC228624000007392F
ENVIRONMENTAL CONDITIONS : TEMPERATURE (20 ± 2)°C
HUMIDITY (60 ± 20) % RH
CALIB. PROCEDURE : AM-WI-33M
CALIB. PERFORMED AT : LAB
RECEIPT DATE : 17/12/2024
CALIBRATION DATE : 18/12/2024
SUGG. DUE DATE : 17/12/2025
ISSUE DATE : 20/12/2024
CONDITION ON RECEIPT : SATISFACTORY

ITEM DESCRIPTION : **MAG. V BLOCK**
Sr. No. / ID No. : SSB/VB-02
MAKE / MODEL : MILHARD
RANGE / SIZE : 150 X 95 X 75 mm
LEAST COUNT : N/A
LOCATION : STANDARD ROOM

TRACEABILITY : -

STANDARDS USED FOR CALIBRATION ARE TRACEABLE TO NATIONAL OR INTERNATIONAL STANDARDS THROUGH NABL ACCREDITED LABORATORY.

MASTER(S) USED FOR CALIBRATION : -

| Sr. No. | ITEM No. | DESCRIPTION | CALIB. DUE DATE | CERTIFICATE No. | CALIBRATED FROM |
|---------|-----------|-----------------------|-----------------|--------------------|------------------------------------|
| 1 | AM/DI 003 | DIGIMATIC INDICATOR | 04/11/2025 | AM24CC06221 | ACCURATE MEASUREMENTS, DELHI |
| 2 | SM 002 | PARALLEL TEST MANDREL | 26/06/2026 | TI/F/TM/002/24 | TANSON INSTRUMENT, FBD. |
| 3 | MC - 001 | CYLINDRICAL SQUARE | 01/09/2026 | CC247224000002130F | S.V. NANOMETROLOGY PVT. LTD., FBD. |
| 4 | SGS 001 | SLIP GAUGE BLOCK SET | 13/06/2025 | TI/F/SGS/005/23 | TANSON INSTRUMENT, FBD. |

I. MECHANICAL DIMENSION - BASIC

OBSERVATIONS

| Sr. No. | PARAMETER | STANDARD (in µm) | UNIT UNDER CALIBRATION (in µm) |
|---------|-----------|------------------|--------------------------------|
|---------|-----------|------------------|--------------------------------|

GRADE - I

| | | | |
|---|--------------------------------|-----|---|
| 1 | PARALLELISM OF 'V' FACE | 7.5 | 6 |
| 2 | FLATNESS OF TOP/BOTTOM SURFACE | 4.6 | 3 |
| 3 | FLATNESS OF SIDE SURFACE | 7.5 | 6 |
| 4 | PERPENDICULARITY | 7 | 4 |

UNCERTAINTY OF MEASUREMENT : ± 6.8 µm (95.45 % OF CONFIDENCE LEVEL, k=2)

REMARK : - 'V' BLOCK CONFIRMS TO GRADE I AS PER IS : 2949 (1992) CLAUSE 8.1

END OF CERTIFICATE

Calibrated By: - (Vikas Sharma, Calib. Engg.)

Approved By : - (S. Kaushik, QM)

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ACCURATE MEASUREMENTS, PLOT NO. 103, D BLOCK, MEETHAPUR EXTENSION, BADARPUR, NEW DELHI - 110044

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ISSUE/REVISION NO. : 04/04

REVISION DATE : 01/05/23

CUSTOMER NAME & ADDRESS : **M/s S.S.B ENGINEERS (P) LTD.**
133, M.I.A. ALWAR - 301030
(RAJASTHAN) - INDIA

CERTIFICATE No. : AM24CC07391
ULR No. : CC228624000007391F
ENVIRONMENTAL CONDITIONS : TEMPERATURE (20 ± 2)°C
HUMIDITY (60 ± 20) % RH
CALIB. PROCEDURE : AM-WI-33M
CALIB. PERFORMED AT : LAB
RECEIPT DATE : 17/12/2024
CALIBRATION DATE : 18/12/2024
SUGG. DUE DATE : 17/12/2025
ISSUE DATE : 20/12/2024
CONDITION ON RECEIPT : SATISFACTORY

ITEM DESCRIPTION : **MAG. V BLOCK**
Sr. No. / ID No. : SSB/VB-01
MAKE / MODEL : MILHARD
RANGE / SIZE : 150 X 95 X 75 mm
LEAST COUNT : N/A
LOCATION : STANDARD ROOM

TRACEABILITY : -

STANDARDS USED FOR CALIBRATION ARE TRACEABLE TO NATIONAL OR INTERNATIONAL STANDARDS THROUGH NABL ACCREDITED LABORATORY.

MASTER(S) USED FOR CALIBRATION : -

| Sr. No. | ITEM No. | DESCRIPTION | CALIB. DUE DATE | CERTIFICATE No. | CALIBRATED FROM |
|---------|-----------|-----------------------|-----------------|--------------------|------------------------------------|
| 1 | AM/DI 003 | DIGIMATIC INDICATOR | 04/11/2025 | AM24CC06221 | ACCURATE MEASUREMENTS, DELHI |
| 2 | SM 002 | PARALLEL TEST MANDREL | 26/06/2026 | TI/F/TM/002/24 | TANSON INSTRUMENT, FBD. |
| 3 | MC - 001 | CYLINDRICAL SQUARE | 01/09/2026 | CC247224000002130F | S.V. NANOMETROLOGY PVT. LTD., FBD. |
| 4 | SGS 001 | SLIP GAUGE BLOCK SET | 13/06/2025 | TI/F/SGS/005/23 | TANSON INSTRUMENT, FBD. |

I. MECHANICAL DIMENSION - BASIC

OBSERVATIONS

| Sr. No. | PARAMETER | STANDARD (in µm) | UNIT UNDER CALIBRATION (in µm) |
|---------|-----------|------------------|--------------------------------|
|---------|-----------|------------------|--------------------------------|

GRADE - I

| | | | |
|---|--------------------------------|-----|---|
| 1 | PARALLELISM OF 'V' FACE | 7.5 | 4 |
| 2 | FLATNESS OF TOP/BOTTOM SURFACE | 4.6 | 3 |
| 3 | FLATNESS OF SIDE SURFACE | 7.5 | 6 |
| 4 | PERPENDICULARITY | 7 | 5 |

UNCERTAINTY OF MEASUREMENT : ± 6.8 µm (95.45 % OF CONFIDENCE LEVEL, k=2)

REMARK : - 'V' BLOCK CONFIRMS TO GRADE I AS PER IS : 2949 (1992) CLAUSE 8.1

END OF CERTIFICATE

Calibrated By: - (Vikas Sharma, Calib. Engg.)

Approved By : - (S. Kaushik, QM)

NOTE :-

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ACCURATE MEASUREMENTS, PLOT NO. 103, D BLOCK, MEETHAPUR EXTENSION, BADARPUR, NEW DELHI - 110044

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ISSUE/REVISION NO. : 04/04

REVISION DATE : 01/05/23

| | | | |
|-------------------------|-----------------------------------------------------------------------------------|--------------------------|---------------------------------------------------|
| CUSTOMER NAME & ADDRESS | M/s S.S.B ENGINEERS (P) LTD. 133, M.I.A. ALWAR - 301030 (RAJASTHAN) - INDIA | CERTIFICATE No. | AM24CC07455 |
| | | ULR No. | CC228624000007455F |
| | | ENVIRONMENTAL CONDITIONS | TEMPERATURE (20 ± 2)°C HUMIDITY (60 ± 20) % RH |
| | | CALIB. PROCEDURE | AM-WI-33M |
| | | CALIB. PERFORMED AT | LAB |
| | | RECEIPT DATE | 17/12/2024 |
| | | CALIBRATION DATE | 18/12/2024 |
| | | SUGG. DUE DATE | 17/12/2025 |
| | | ISSUE DATE | 20/12/2024 |
| | | CONDITION ON RECEIPT | SATISFACTORY |

TRACEABILITY :-

STANDARDS USED FOR CALIBRATION ARE TRACEABLE TO NATIONAL OR INTERNATIONAL STANDARDS THROUGH NABL ACCREDITED LABORATORY.

MASTER(S) USED FOR CALIBRATION :-

| Sr. No. | ITEM No. | DESCRIPTION | CALIB. DUE DATE | CERTIFICATE No. | CALIBRATED FROM |
|---------|-----------|-----------------------|-----------------|--------------------|------------------------------------|
| 1 | AM/DI 003 | DIGIMATIC INDICATOR | 04/11/2025 | AM24CC06221 | ACCURATE MEASUREMENTS,DELHI |
| 2 | SM 002 | PARALLEL TEST MANDREL | 26/06/2026 | TI/F/TM/002/24 | TANSON INSTRUMENT, FBD. |
| 3 | MC - 001 | CYLINDRICAL SQUARE | 01/09/2026 | CC247224000002130F | S.V. NANOMETROLOGY PVT. LTD., FBD. |
| 4 | SGS 001 | SLIP GAUGE BLOCK SET | 13/06/2025 | TI/F/SGS/005/23 | TANSON INSTRUMENT, FBD. |

I. MECHANICAL DIMENSION - BASIC

OBSERVATIONS

| Sr. No. | PARAMETER | STANDARD (in µm) | UNIT UNDER CALIBRATION (in µm) |
|---------|-----------|------------------|--------------------------------|
|---------|-----------|------------------|--------------------------------|

GRADE - I

| | | | |
|---|--------------------------------|-----|---|
| 1 | PARALLELISM OF 'V' FACE | 7 | 5 |
| 2 | FLATNESS OF TOP/BOTTOM SURFACE | 4.3 | 3 |
| 3 | FLATNESS OF SIDE SURFACE | 7 | 6 |
| 4 | PERPENDICULARITY | 6 | 4 |

UNCERTAINTY OF MEASUREMENT : ± 6.8 µm (95.45 % OF CONFIDENCE LEVEL, k=2)

REMARK :- 'V' BLOCK CONFIRMS TO GRADE I AS PER IS : 2949 (1992)CLAUSE 8.1

END OF CERTIFICATE

| | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|
| Calibrated By: - (Vikas Sharma, Calib. Engg.) | Approved By : - (S. Kaushik, QM) |
| NOTE :- | |
| 1 The calibration result reported in this certificate are related to item (s) calibrated & is valid at the time of and under stated condition of measurement. | |
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ACCURATE MEASUREMENTS, PLOT NO. 103, D BLOCK, MEETHAPUR EXTENSION, BADARPUR, NEW DELHI - 110044

E-Mail : accurate2@gmail.com ; Mob. No. 9818166269, 9811826626

| | |
|----------------------------|--------------------------|
| ISSUE/REVISION NO. : 04/04 | REVISION DATE : 01/05/23 |
|----------------------------|--------------------------|

| | | | |
|-------------------------|-----------------------------------------------------------------------------------|--------------------------|---------------------------------------------------|
| CUSTOMER NAME & ADDRESS | M/s S.S.B ENGINEERS (P) LTD. 133, M.I.A. ALWAR - 301030 (RAJASTHAN) - INDIA | CERTIFICATE No. | AM24CC07454 |
| | | ULR No. | CC228624000007454F |
| | | ENVIRONMENTAL CONDITIONS | TEMPERATURE (20 ± 2)°C HUMIDITY (60 ± 20) % RH |
| | | CALIB. PROCEDURE | AM-WI-33M |
| | | CALIB. PERFORMED AT | LAB |
| | | RECEIPT DATE | 17/12/2024 |
| | | CALIBRATION DATE | 18/12/2024 |
| | | SUGG. DUE DATE | 17/12/2025 |
| | | ISSUE DATE | 20/12/2024 |
| | | CONDITION ON RECEIPT | SATISFACTORY |

TRACEABILITY :-

STANDARDS USED FOR CALIBRATION ARE TRACEABLE TO NATIONAL OR INTERNATIONAL STANDARDS THROUGH NABL ACCREDITED LABORATORY.

MASTER(S) USED FOR CALIBRATION :-

| Sr. No. | ITEM No. | DESCRIPTION | CALIB. DUE DATE | CERTIFICATE No. | CALIBRATED FROM |
|---------|-----------|-----------------------|-----------------|--------------------|------------------------------------|
| 1 | AM/DI 003 | DIGIMATIC INDICATOR | 04/11/2025 | AM24CC06221 | ACCURATE MEASUREMENTS,DELHI |
| 2 | SM 002 | PARALLEL TEST MANDREL | 26/06/2026 | TI/F/TM/002/24 | TANSON INSTRUMENT, FBD. |
| 3 | MC - 001 | CYLINDRICAL SQUARE | 01/09/2026 | CC247224000002130F | S.V. NANOMETROLOGY PVT. LTD., FBD. |
| 4 | SGS 001 | SLIP GAUGE BLOCK SET | 13/06/2025 | TI/F/SGS/005/23 | TANSON INSTRUMENT, FBD. |

I. MECHANICAL DIMENSION - BASIC

OBSERVATIONS

| Sr. No. | PARAMETER | STANDARD (in µm) | UNIT UNDER CALIBRATION (in µm) |
|---------|-----------|------------------|--------------------------------|
|---------|-----------|------------------|--------------------------------|

GRADE - I

| | | | |
|---|--------------------------------|-----|---|
| 1 | PARALLELISM OF 'V' FACE | 7 | 6 |
| 2 | FLATNESS OF TOP/BOTTOM SURFACE | 4.3 | 3 |
| 3 | FLATNESS OF SIDE SURFACE | 7 | 5 |
| 4 | PERPENDICULARITY | 6 | 5 |

UNCERTAINTY OF MEASUREMENT : ± 6.8 µm (95.45 % OF CONFIDENCE LEVEL, k=2)

REMARK :- 'V' BLOCK CONFIRMS TO GRADE I AS PER IS : 2949 (1992)CLAUSE 8.1

END OF CERTIFICATE

| | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|
| Calibrated By: - (Vikas Sharma, Calib. Engg.) | Approved By : - (S. Kaushik, QM) |
| NOTE :- | |
| 1 The calibration result reported in this certificate are related to item (s) calibrated & is valid at the time of and under stated condition of measurement. | |
| 2 This certificate should not be reproduced, expect in full, without our prior permission in writing. | |
| 3 Calibration done by the laboratory is meant for scientific and industrial purpose only. | |

ACCURATE MEASUREMENTS, PLOT NO. 103, D BLOCK, MEETHAPUR EXTENSION, BADARPUR, NEW DELHI - 110044

E-Mail : accurate2@gmail.com ; Mob. No. 9818166269, 9811826626

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