[National Automotive Board (NAB)]

TAC/Reference No. | C | R | 2 | 5 | 8 | 1 |

C R2581

Date : 24th Dec 2024

| Cert | Dwg/Doc. | Total |
|---|---|---|
| 1 | 3 | 4 pgs |

# TYPE APPROVAL CERTIFICATE

(For compliance to AIS - 037)

Non- Transferable

| | | | |
|---|---|---|---|
| 1 | Customer's Name | M/s Caterpillar India Engineering Solutions Pvt.Ltd. | |
| 2 | Customer's Address | Engineering Design Center, International Technology Park, Chennai, Taramani Road, Taramani, Chennai - 600 113. India | |
| 3 | Manufacturing / Assembly Plant Address | M/s Shandong Dongcheng Glass Technology Co., Ltd. , Youzhuangzi Community, Jiuqu Street, 50 Meters East of Intersection of Dongxing Road and Junbu Street,Hedong District, Linyi City, Shandong Province, China | |
| 4 | Description of the Test Component(s) | Nomenclature | 6.76 mm thick, Flat, Clear + Clear/ Clear or green tinted PVB, Laminated Safety Glass for Front Windscreen Application (Imported Component) |
| | | Part No. | 553-0569 & 553-0487 |
| | | Technical Details | Refer attached Annex 1 - Appendix 3 |
| | | Trade mark | |
| | | Applicable Vehicle Model | SEM 917F & SEM 920F Motor Graders |
| 5 | Applicable Reference Standard | ECE R43 / IS: 2553 (Part 2) – 2019 upto Amend No. 4 | |
| 6 | E-Approval No. | E24*43R01/08*0118*00 dated 25.02.2020, E24*43R01/09*0118*05 dated 10.05.2024 | |
| | E-Test Report No. | CH-31-23-3-S19-0074-FIR dated 13.12.2019 | |
| 7 | List of supporting documents | Drawing Nos. 553-0569, 553-0487 & Annex 1 - Appendix 3 | |
| 8 | Approval | √ X X<br>Granted/ Not Granted/ Extended | |
| 9 | The CoP period for the component mentioned in Sr. No. 4 above shall begin from the date of commercial production of vehicle model using that component & 1st CoP shall be completed before 30.09.2026. | | |

| ICAT Reference | 181426 | Please turn over for DISCLAIMER |
|---|---|---|

AUTHORISED SIGNATORY

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| CR258124thDec2024M/sCaterpillarIndiaEngineeringSolutionsPvt.Ltd.CR258124thDe | CR258124thDec2024M/sCaterpillarIndiaEngineeringSolutionsPvt.Ltd.CR258124thD | INTERNATIONAL CENTRE FOR AUTOMOTIVE TECHNOLOGY ICAT Innovation • Service • Excellence MANESAR | CR258124thDec2024M/sCaterpillarIndiaEngineeringSolutionsPvt.Ltd.CR258124thDec20 | |
| AMOL KUMAR<br>Deputy Manager | PRITAM SINGH SAWARIYA<br>Sr. Manager | | SAURABH DALELA<br>Director | Page 1 of 1 |

Caterpillar India Engineering Solutions Pvt.Ltd. C R2581 M/s Caterpillar India Engineering Solutions Pvt.Ltd. C R2581