

**[National Automotive Board (NAB)]**

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

**C R2581**

Date : 24<sup>th</sup> Dec 2024

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



# TYPE APPROVAL CERTIFICATE

(For compliance to AIS - 037)

**Non- Transferable**

|  |  |   |   |
|--|--|---|---|
| <b>1</b>   | <b>Customer's Name</b>   | M/s Caterpillar India Engineering Solutions Pvt.Ltd.  |   |
| <b>2</b>   | <b>Customer's Address</b>  | Engineering Design Center, International Technology Park, Chennai, Taramani Road, Taramani, Chennai - 600 113. India  |   |
| <b>3</b>   | <b>Manufacturing / Assembly Plant Address</b>  | 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 |   |
| <b>4</b>   | <b>Description of the Test Component(s)</b>  | <b>Nomenclature</b>   | 6.76 mm thick, Flat, Clear + Clear/ Clear or green tinted PVB, Laminated Safety Glass for Front Windscreen Application (Imported Component) |
|  |  | <b>Part No.</b>   | 554-2252 & 569-3631   |
|  |  | <b>Technical Details</b>  | Refer attached Annex 1 - Appendix 4   |
|  |  | <b>Trade mark</b>   |   |
|  |  | <b>Applicable Vehicle Model</b>   | SEM 917F & SEM 920F Motor Graders   |
| <b>5</b>   | <b>Applicable Reference Standard</b>   | ECE R43 / IS: 2553 (Part 2) – 2019 upto Amend No. 4   |   |
| <b>6</b>   | <b>E-Approval No.</b>  | E24*43R01/08*0118*00 dated 25.02.2020, E24*43R01/09*0118*05 dated 10.05.2024  |   |
|  | <b>E-Test Report No.</b>   | CH-31-23-3-S19-0074-FIR dated 13.12.2019  |   |
| <b>7</b>   | <b>List of supporting documents</b>  | Drawing Nos. 553-0569, 553-0487 & Annex 1 - Appendix 3  |   |
| <b>8</b>   | <b>Approval</b>  | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/><br>Granted/ Not Granted/ Extended   |   |
| <b>9</b>   | 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 & 1 <sup>st</sup> CoP shall be completed before 30.09.2026. |   |   |
| <b>ICAT Reference</b>  |  | <b>181426</b>   | Please turn over for DISCLAIMER   |
| <b>AUTHORISED SIGNATORY</b>  |  |   |   |
| CR258124thDec2024M/sCaterpillarIndiaEngineeringSolutionsPvt.Ltd.CR258124thDec2024<br><b>AMOL KUMAR</b><br>Deputy Manager | CR258124thDec2024M/sCaterpillarIndiaEngineeringSolutionsPvt.Ltd.CR258124thDec2024<br><b>PRITAM SINGH SAWARIYA</b><br>Sr. Manager   |   |   |
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