TAC/Reference No. C R 2 5 8 0

Customer's Name

1

Date: 24th Dec 2024

Cert	Dwg/Doc.	Total						
1	3	4 pgs						

TYPE APPROVAL CERTIFICATE

(For compliance to AIS - 037) Non- Transferable

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

Taramani Road, Taramani, Chennai - 600 113. India M/s. Shandong Dongcheng Glass Technology Co., Ltd., Ye. Community, Jiuqu Street, 50 Meters East of Intersection of Road and Junbu Street, Hedong District, Linyi City, Shandon China 6.76 mm thick, Flat, Green + Greet green tinted PVB, Laminated Glifor other than front windscreen All (Imported Component) Part No. 554-2252 & 569-3631 Technical Details Refer attached Annex 1 - Appendix Trade mark Applicable Vehicle Model SEM 917F & SEM 920F Motor Gract SEA (Part 2) - 2019 upto Amend No. 4 E-Approval No. E24*43R01/08*0115*00 dated 25.02.2020, E24*43R01/09*0115*00 dated 27.01.2021 Title of supporting documents Drawing Nos. 554-2252 & 569-3631 & Annex 1 - Appendix 4 Approval The CoP period for the component mentioned in Sr. No. 4 above shall begin from the date of commercial provehicle model using that component & 1st CoP shall be completed before 30.09.2026.				1				
Applicable Reference Standard E-Approval No. E-Test Report No. CH-31-23-2-S19-0073-FIR dated 03.01.2020 Manufacturing / Assembly Plant Address Community, Jiuqu Street, 50 Meters East of Intersection of Road and Junbu Street, Hedong District, Linyi City, Shandon China 6.76 mm thick, Flat, Green + Greet green tinted PVB, Laminated Glor other than front windscreen a (Imported Component) Part No. 554-2252 & 569-3631 Technical Details Refer attached Annex 1 - Appendix Applicable Vehicle Model SEM 917F & SEM 920F Motor Gract SECE R43 / IS: 2553 (Part 2) - 2019 upto Amend No. 4 E-Approval No. E-Test Report No. CH-31-23-2-S19-0073-FIR dated 03.01.2020 7 List of supporting documents Drawing Nos. 554-2252 & 569-3631 & Annex 1 - Appendix 4 8 Approval The CoP period for the component mentioned in Sr. No. 4 above shall begin from the date of commercial provehicle model using that component & 1st CoP shall be completed before 30.09.2026. EAT Reference 8 Please turn over for DISCL/	2	Customer's Address		Engineering Design Center, International Technology Park, Chennai, Taramani Road, Taramani, Chennai - 600 113. India				
Applicable Reference Standard E-Approval No. E-Test Report No. List of supporting documents Part No. CH-31-23-2-S19-0073-FIR dated 03.01.2020 The CoP period for the component and some properties of the component and some proper	3	Manufacturing / Asse	embly 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				
Technical Details Refer attached Annex 1 - Appendix Trade mark Applicable Vehicle Model SEM 917F & SEM 920F Motor Grace 5 Applicable Reference Standard E-Approval No. E-Test Report No. CH-31-23-2-S19-0073-FIR dated 03.01.2020 7 List of supporting documents Drawing Nos. 554-2252 & 569-3631 & Annex 1 - Appendix 4 8 Approval 9 The CoP period for the component mentioned in Sr. No. 4 above shall begin from the date of commercial provehicle model using that component & 1st CoP shall be completed before 30.09.2026. EAT Reference 181426 Please turn over for DISCL/				Nomen	clature	6.76 mm thick, Flat, Green + Green/ Clear or green tinted PVB, Laminated Glass Panes for other than front windscreen Application (Imported Component)		
Trade mark Applicable Vehicle Model E-Approval No. E-Test Report No. CH-31-23-2-S19-0073-FIR dated 03.01.2020 Tist of supporting documents E-Approval Trade mark Applicable Vehicle Model E-Approval No. E24*43R01/08*0115*00 dated 25.02.2020, E24*43R01/09*0115*0 dated 27.01.2021 CH-31-23-2-S19-0073-FIR dated 03.01.2020 The CoP period for the component mentioned in Sr. No. 4 above shall begin from the date of commercial provehicle model using that component & 1st CoP shall be completed before 30.09.2026. EAT Reference Refer attached Annex 1 - Appendix Approval SEM 917F & SEM 920F Motor Grade CH-31-23-2-S19-0073-FIR dated 03.01.2020 The CoP period for the component mentioned in Sr. No. 4 above shall begin from the date of commercial provehicle model using that component & 1st CoP shall be completed before 30.09.2026. EAT Reference Please turn over for DISCLA			Part No).	54-2252 & 569-3631			
Applicable Vehicle Model SEM 917F & SEM 920F Motor Grad 5 Applicable Reference Standard ECE R43 / IS: 2553 (Part 2) – 2019 upto Amend No. 4 E24*43R01/08*0115*00 dated 25.02.2020, E24*43R01/09*0115*0 dated 27.01.2021 E-Test Report No. CH-31-23-2-S19-0073-FIR dated 03.01.2020 Tusing Nos. 554-2252 & 569-3631 & Annex 1 - Appendix 4 Approval Approval The CoP period for the component mentioned in Sr. No. 4 above shall begin from the date of commercial provehicle model using that component & 1st CoP shall be completed before 30.09.2026. EAT Reference Applicable Vehicle Model SEM 917F & SEM 920F Motor Grad Approval Approval 4.5 SEM 920F Motor Grad SEM 917F & SEM 920F Motor Grad Approval 4.5 SEM 920F Motor Grad Approval 5.5 Septimize 4.5 Se	4	Description of the Test Component(s)		Technic	cal Details	Refer attached Annex 1 - Appendix 4		
5 Applicable Reference Standard ECE R43 / IS: 2553 (Part 2) – 2019 upto Amend No. 4 E-Approval No. E24*43R01/08*0115*00 dated 25.02.2020, E24*43R01/09*0115*0 dated 27.01.2021 E-Test Report No. CH-31-23-2-S19-0073-FIR dated 03.01.2020 7 List of supporting documents Drawing Nos. 554-2252 & 569-3631 & Annex 1 - Appendix 4 8 Approval \[\begin{array} \times x & x & \times \time				Trade r	nark	W		
E-Approval No. E-Approval No. E-Test Report No. CH-31-23-2-S19-0073-FIR dated 03.01.2020 Tist of supporting documents Drawing Nos. 554-2252 & 569-3631 & Annex 1 - Appendix 4 Approval The CoP period for the component mentioned in Sr. No. 4 above shall begin from the date of commercial provehicle model using that component & 1 st CoP shall be completed before 30.09.2026. CAT Reference B24*43R01/08*0115*00 dated 25.02.2020, E24*43R01/09*0115*00 dated 27.01.2021 CH-31-23-2-S19-0073-FIR dated 03.01.2020 To Appendix 4 Approval The CoP period for the component mentioned in Sr. No. 4 above shall begin from the date of commercial provehicle model using that component & 1 st CoP shall be completed before 30.09.2026. CAT Reference Please turn over for DISCLA				Applica	able Vehicle Model	SEM 917F & SEM 920F Motor Graders		
6 E-Approval No. dated 27.01.2021 E-Test Report No. CH-31-23-2-S19-0073-FIR dated 03.01.2020 7 List of supporting documents Drawing Nos. 554-2252 & 569-3631 & Annex 1 - Appendix 4 8 Approval VX X Granted/ Not Granted/ Extended 9 The CoP period for the component mentioned in Sr. No. 4 above shall begin from the date of commercial provehicle model using that component & 1st CoP shall be completed before 30.09.2026. CAT Reference 181426 Please turn over for DISCLA	5	Applicable Reference	e Standard	andard ECE R43 / IS: 2553 (Part 2) – 2019 upto Amend No. 4				
The CoP period for the component mentioned in Sr. No. 4 above shall begin from the date of commercial provehicle model using that component & 1st CoP shall be completed before 30.09.2026. CAT Reference Drawing Nos. 554-2252 & 569-3631 & Annex 1 - Appendix 4 \[\frac{\frac{\text{\text{\text{\text{\text{CoP} period for the component mentioned in Sr. No. 4 above shall begin from the date of commercial provehicle model using that component & 1st CoP shall be completed before 30.09.2026.} CAT Reference Please turn over for DISCLA	6	E-Approval No.		E24*43R01/08*0115*00 dated 25.02.2020, E24*43R01/09*0115*01 dated 27.01.2021				
8 Approval The CoP period for the component mentioned in Sr. No. 4 above shall begin from the date of commercial provehicle model using that component & 1st CoP shall be completed before 30.09.2026. CAT Reference 181426 Please turn over for DISCLA		E-Test Report No.		CH-31-23-2-S19-0073-FIR dated 03.01.2020				
Approval Granted/ Not Granted/ Extended The CoP period for the component mentioned in Sr. No. 4 above shall begin from the date of commercial provehicle model using that component & 1st CoP shall be completed before 30.09.2026. CAT Reference 181426 Please turn over for DISCLAR.	7	List of supporting do	ocuments	Drawing Nos. 554-2252 & 569-3631 & Annex 1 - Appendix 4				
vehicle model using that component & 1st CoP shall be completed before 30.09.2026. CAT Reference 181426 Please turn over for DISCLA	8	Approval		,				
	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 & 1 st CoP shall be completed before 30.09.2026.						
UTHORISED SIGNATORY	AT Reference		181426	181426 Please turn over for DISCLAIMER		AIMER		
	UTHORISED SIGNATORY							
AMOL KUMAR PRITAM SINGH SAWARIYA SAURABH DALELA	AMOL KUMAR PRITAM		PRITAM SINGH SAWA	RIYA		SAURABH DALELA	Page 1 of	
Deputy Manager Sr. Manager Director	Deputy Manager		Sr. Manager			Director	1	