SWEDISH TRANSPORT AGENCY

REPORT
Designation TSV 2026-11115
September 2026

Annual overview of In-Service Verification (ISV) of CO2 emissions of heavy duty vehicles

2025-2026





© The Swedish Transport Agency
Department of Road and Rail
Type Approval Road

The report is available on the Swedish Transport Agency's website
www.transportstyrelsen.se

Designation	TSV 2026-11115
Author	Wedlund Jorun, Rapp Lars
Month Year	September 2026

Reproduction is authorized provided the source is acknowledged.

SWEDISH APPROVAL AUTHORITY
TRANSPORT STYRELSEN
SVENSK GODKÄNNANDEMYNDIGHET

Introduction

This annual report is submitted in accordance with Commission Implementing Regulation (EU) 2025/35. It summarises In-Service Verification of CO2 emissions of heavy-duty vehicles for the reporting year 2025-2026.

Selection of In-Service Verification Families

The selection of In-Service-Verification families for testing was performed in accordance with Article 3 of regulation (EU) 2025/35. All families were chosen based on the 2025 ISV Risk assessment for heavy-duty vehicles from JRC.

In-service verification testing 2025-2026

During 2026, an agreement regarding technical service for ISV testing for heavy duty vehicles was finalized. This means that no testing has been done for reporting year 2025-2026. The intention is to finalize testing for the selected ISV families during the reporting year 2026-2027.

SWEDISH APPROVAL AUTHORITY
TRANSPORT STYRELSEN
SVENSK GODKÄNNANDEMYNDIGHET

General Information

(1)	**Granting type-approval authority**	**Swedish Transport Agency**
(2)	Date of annual overview	
(3)	Year concerned	2025-2026
(4)	Total number of vehicles per manufacturer for the average of the three reporting periods preceding the in-service verification	Volvo Truck Corporation: 45 516
(5)	Minimum number of VTP / air drag / ISV tyre families selected	VTP families: 2 Air drag families: 2 Tyre families: 3
(6)	Total number of VTP / air drag / CFD / ISV tyre families selected in the year concerned	VTP families: 2 Air drag families: 2 Tyre families: 3

List of the VTP / air drag / CFD / ISV tyre families selected for the in-service verification

ISV ID	OEM	VTP / air drag / CFD / ISV tyre family identifiers	Reason
ISV-HDV-2025-e05-01	Volvo Truck Corporation	e5*2017/2400*2019/318*E*00232	Risk Assessment
ISV-HDV-2025-e05-02	Volvo Truck Corporation	e5*2017/2400*2019/318*E*00214	Risk Assessment
ISV-HDV-2025-e05-03	Volvo Truck Corporation	e5*2017/2400*2019/318*P*0018*02 5FH2462KZ	Risk Assessment
ISV-HDV-2025-e05-04	Volvo Truck Corporation	e5*2017/2400*2019/318*P*0018*02 5FH2462KY	Risk Assessment
ISV-HDV-2025-e05-05	Volvo Truck Corporation	e4*2017/2400*2019/0318*T*0569	Risk Assessment
ISV-HDV-2025-e05-06	Volvo Truck Corporation	e4*2017/2400*2022/1379*T*01149	Risk Assessment
ISV-HDV-2025-e05-07	Volvo Truck Corporation	e4*2017/2400*2017/2400*T*0119	Risk Assessment

Summary of in-service verification test results

Type of test	Min.	Total	Pass	Fail	Pending
VTP test	2				2
Air drag test	2				2
CFD method air drag test	0				0
Tyre RRC test	3				3
Mass test	1				1
Artificial strategies test	1				1

Detailed in-service verification test results for the year concerned

ISV ID	OEM	Type of test	Start date	GTAA/ TS	No of vehicles	average e_{ratio}	Conclusion/ Deviation	Test ref.	Conclusion ref.

Detailed in-service verification test results, for which conclusions were reported as 'Pending' in the previous annual overview

Year	ISV ID	OEM	Type of test	Start date	GTAA/ TS	No of vehicles	Test result	Conclusion /Deviation	Test ref.	Conclusion ref.

SWEDISH APPROVAL AUTHORITY TRANSPORT STYRELSEN SVENSK GODKÄNNANDEMYNDIGHET