

# MANAGEMENT SYSTEM CERTIFICATE

Certificate no.:  
10000407452-MSC-RvA-DEU

Initial certification date:  
27 November 2013

Valid:  
01 January 2025 – 31 December 2027

This is to certify that the management system of

## ZF Friedrichshafen AG

Löwentaler Str. 20, D-88046 Friedrichshafen, Germany

and the sites as mentioned in the appendix accompanying this certificate

has been found to conform to the Energy Management System standard:

### ISO 50001:2018

This certificate is valid for the following scope:

**Transmission, chassis and steering systems  
(Development, production, service and sales)**

**Catering and other Food Service Activities**

**The scope of the system includes all processes and assets under the company's control at the certified sites.**

**The scope of the system includes the consumption and supply points without personnel listed in the appendix to the certificate.**

Place and date:  
Barendrecht, 18 December 2024

For the issuing office:  
**DNV - Business Assurance**  
Zwolsseweg 1, 2994 LB Barendrecht,  
Netherlands



**Erie Koek**  
Management Representative

## Appendix to Certificate

### ZF Friedrichshafen AG

Locations included in the certification are as follows:

Western Europe				
Location	ZF-Company	Address	Scope <sup>1</sup>	
<b>Germany</b>				
Auerbach	ZF Friedrichshafen AG	Graf-Zeppelin-Straße 1 D-91275 Auerbach	▪ Electronic components	D, P, S
	ZF Gastronomie Service GmbH		▪ Catering and other Food Service Activities	
Bad Neuenahr-Ahrweiler	ZF Friedrichshafen AG	Max-Planck-Straße 17 D-53474 Bad Neuenahr-Ahrweiler	▪ Suspension components for cars	P
Bielefeld	ZF Friedrichshafen AG	Windelsbleicher Straße 80 D-33647 Bielefeld	▪ Powertrain components for cars and commercial vehicles	P
Brandenburg	ZF Getriebe Brandenburg GmbH	Caasmannstraße 9 D-14770 Brandenburg	▪ Manual transmissions and Dual Clutch Transmissions for cars	D, P, S, Se
Damme	ZF Friedrichshafen AG	Dr.-Jürgen-Ulderup-Platz 1 D-49401 Damme	▪ Chassis components for cars	P
Diepholz	ZF Friedrichshafen AG	Siemensstraße 4 + 7 D-49356 Diepholz	▪ Components for transmission for cars and commercial vehicles ▪ Chassis Components for Cars	D, P, S
		Dr.-Jürgen-Ulderup-Str. 11 D-49356 Diepholz		
Düsseldorf	ZF Active Safety GmbH	Schiessstraße 43 D-40549 Düsseldorf	▪ Steering Systems	D, S
Eitorf	ZF Friedrichshafen AG	Bogestraße 50 D-53783 Eitorf	▪ Suspension components for cars and rail vehicles	D, P, S
Espelkamp	Lemförder Electronic GmbH	Von dem Bussche-Münch-Straße 12 D-32339 Espelkamp	▪ Electric and electronic systems	D, P, S

<sup>1</sup>D = Development, P = Production, S = Sales, Se = Service

## Appendix to Certificate

### ZF Friedrichshafen AG

Locations included in the certification are as follows:

Western Europe				
Location	ZF-Company	Address	Scope <sup>1</sup>	
<b>Germany</b>				
Friedrichshafen	ZF Friedrichshafen AG	Löwenthaler Str. 20 D-88046 Friedrichshafen	<ul style="list-style-type: none"> <li>Central Function for the Management System</li> </ul>	
		Aistegstraße 39 D-88046 Friedrichshafen	<ul style="list-style-type: none"> <li>Corporate research and development</li> <li>ECU (electronic control unit)</li> </ul>	D
		Graf-von-Soden-Platz 1 D-88046 Friedrichshafen	<ul style="list-style-type: none"> <li>Automatic transmissions for cars</li> </ul>	D
		Alfred-Colsmann-Platz 1 D-88045 Friedrichshafen	<ul style="list-style-type: none"> <li>Manual and automatic transmissions for commercial vehicles</li> <li>Rail vehicle drives</li> <li>Industrial drives and elevator gearboxes</li> </ul>	D, P, S, Se
		Ehlersstraße 50 D-88038 Friedrichshafen	<ul style="list-style-type: none"> <li>Transmissions, propellers and control systems for boats and ships</li> </ul>	D, P, S
	<ul style="list-style-type: none"> <li>Manual and automatic transmissions for commercial vehicles</li> <li>Rail vehicle drives</li> <li>Industrial drives and elevator gearboxes</li> </ul>		D, P, S, Se	
	ZF Gastronomie Service GmbH	Ehlersstraße 62 D- 88046 Friedrichshafen	<ul style="list-style-type: none"> <li>Catering and other Food Service Activities</li> </ul>	
Gotha	ZF Friedrichshafen AG	Passauer Straße 1 D-99867 Gotha	<ul style="list-style-type: none"> <li>Axle drive systems for automobile industry</li> </ul>	P, S
Koblenz	ZF Active Safety GmbH	Carl-Spaeter-Str. 8 D-56070 Koblenz	<ul style="list-style-type: none"> <li>Brakes and brake components for passenger cars for the automotive industry</li> </ul>	D, P, S
Kressbronn	ZF Friedrichshafen AG	Argenstraße 30 D-88079 Kressbronn	<ul style="list-style-type: none"> <li>Manual, automatic and continuously variable transmissions for cars</li> </ul>	D
Kreuztal	ZF Friedrichshafen AG	Langenauer Straße 18 D-57223 Kreuztal	<ul style="list-style-type: none"> <li>Chassis components for cars</li> </ul>	P

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Location	ZF-Company	Address	Scope <sup>1</sup>	
<b>Germany</b>				
Nürnberg	ZF Gusstechnologie GmbH	Nopitschstraße 71 D-90441 Nürnberg	<ul style="list-style-type: none"> <li>Casting products in aluminium and magnesium with foundry for high-pressure die casting and NC machining</li> </ul>	D, P, S
		Industriestraße 36 D-90441 Nürnberg		P, S
Lemförde	ZF Friedrichshafen AG	Alter Bahndamm 12 D-49448 Lemförde	<ul style="list-style-type: none"> <li>Axles and axle components</li> <li>Chassis components for cars and commercial vehicles</li> </ul>	D
Passau	ZF Friedrichshafen AG	Donaustraße 25-71 D-94034 Passau	<ul style="list-style-type: none"> <li>Off-road driveline technology</li> <li>Axle systems</li> <li>Transmission systems for stacking systems</li> </ul>	D, P, S, Se
		Tittlinger Straße 28 D-94034 Passau		
	ZF Gastronomie Service GmbH	Tittlinger Straße 28 D-94034 Passau	<ul style="list-style-type: none"> <li>Catering and other Food Service Activities</li> </ul>	
Saarbrücken	ZF Friedrichshafen AG	Untertürkheimer Str. 4+12 D-66117 Saarbrücken	<ul style="list-style-type: none"> <li>Automatic transmissions for cars</li> </ul>	D, P, S
		Großblittersdorfer Str. 247 D-66117 Saarbrücken		
		Südring 1 D-66117 Saarbrücken		D, P, S, Se
		Metzer Str. 160 D-66117 Saarbrücken		
		Am Heidenhübel 99 D-66539 Neunkirchen		
		Hans-Großwendt Ring 19 D-66333 Völklingen		
Schweinfurt	ZF Friedrichshafen AG	Ernst-Sachs-Straße 62 D-97424 Schweinfurt	<ul style="list-style-type: none"> <li>Powertrain components for cars and commercial vehicles</li> <li>Suspension components for cars, commercial vehicles and rail vehicles</li> </ul>	D, P, S
		Johann-Georg-Gademann-Str. 8 + 13 D-97424 Schweinfurt		
		Röntgenstraße 2 D-97424 Schweinfurt		
	ZF Gastronomie Service GmbH	Ernst-Sachs-Str. 62 D-97424 Schweinfurt	<ul style="list-style-type: none"> <li>Catering and other Food Service Activities</li> </ul>	

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Location	ZF-Company	Address	Scope <sup>1</sup>	
<b>Germany</b>				
Schweinfurt	ZF Friedrichshafen AG	Obere Weiden 12 D-97424 Schweinfurt	<ul style="list-style-type: none"> <li>Spare part trading for motor vehicles</li> </ul>	S, Se
	ZF Race Engineering GmbH	Ernst-Sachs-Straße 62 D-97424 Schweinfurt	<ul style="list-style-type: none"> <li>Powertrain components for cars,</li> <li>Suspension components for cars</li> </ul>	D, P, S
Stemwede - Dielingen	ZF Friedrichshafen AG	Am Thie 20 D-32351 Stemwede-Dielingen	<ul style="list-style-type: none"> <li>Axles and axle components</li> <li>Chassis components for cars and commercial vehicles</li> </ul>	D, P, S
		Dielinger Straße 60, D-32351 Stemwede-Dielingen		
		Dr.-Jürgen-Ulderup-Straße 7 D-32351 Stemwede-Dielingen		
		Dr.-Jürgen-Ulderup-Straße 3 D-32351 Stemwede-Dielingen		
	Bachstraße 10 D-32351 Stemwede-Dielingen			
ZF Gastronomie Service GmbH	Dr.-Jürgen-Ulderup-Straße 7 D-32352 Stemwede-Dielingen	<ul style="list-style-type: none"> <li>Catering and other Food Service Activities</li> </ul>		
Thyrnau	ZF Friedrichshafen AG	Graf-Zeppelin-Straße 1 D-94136 Thyrnau	<ul style="list-style-type: none"> <li>Axle systems for automobile industry</li> </ul>	D, P, S
Wagenfeld	ZF Friedrichshafen AG	Dr.-Jürgen-Ulderup-Platz 1 D-49419 Wagenfeld	<ul style="list-style-type: none"> <li>Chassis components for cars</li> </ul>	P
Bayreuth (Wolfsbach)	ZF Friedrichshafen AG	Am Briefzentrum 2 D-95448 Wolfsbach	<ul style="list-style-type: none"> <li>Electronic components</li> </ul>	P
Witten	ZF Industrieantriebe Witten GmbH	Mannesmannstr. 29 D-58455 Witten	<ul style="list-style-type: none"> <li>Gearboxes and transmissions for wind turbines, industrial and mobile applications</li> </ul>	D, P, S, Se

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Western Europe				
Location	ZF-Company	Address	Scope <sup>1</sup>	
<b>Germany</b>				
Berlin	ZF Friedrichshafen AG	Blomberger Weg 4F D-13437 Berlin	▪ Services for motor vehicles	Se
Bremen	ZF Friedrichshafen AG	Borgwardstraße 16 28279 Bremen	▪ Spare part trading for motor vehicles ZF Services	Se, S
Holzwickede	ZF Friedrichshafen AG	Vincenz-Wiederholt-Str. 10 D-59439 Holzwickede	▪ Services for motor vehicles and wind turbine	Se
Magdeburg	ZF Friedrichshafen AG	Körbelitzer Straße 3a D-39126 Magdeburg	▪ Services for motor vehicles	Se
Moritzburg	ZF Friedrichshafen AG	Ringstraße 6 D-01468 Moritzburg	▪ Services for motor vehicles	Se
Pfungstadt	ZF Friedrichshafen AG	Werner-von Siemens-Straße 35 D-64319 Pfungstadt	▪ Services for motor vehicles	Se
Porta Westfalica	ZF Friedrichshafen AG	Rehwinkel 5 D-32457 Porta Westfalica	▪ Services for motor vehicles	Se
Urbach	ZF Friedrichshafen AG	Robert-Bosch-Straße 6 D-73660 Urbach	▪ Services for motor vehicles	Se
Alfdorf	ZF Automotive Germany GmbH	Industriestraße 20 D-73553 Alfdorf	▪ Safety Belt and Airbag Systems	D, P, S
<b>Austria</b>				
Lebring	ZF Lemförder Achssysteme Ges.m.b.H. & Co. KG	Parkring 1 A- 8403 Lebring	▪ Axles and corner modules for cars	P
Steyr	ZF Steyr Präzisionstechnik GmbH & Co KG	Schönauer Str. 5 A-4400 Steyr	▪ Driveline technology and axle systems	P, S

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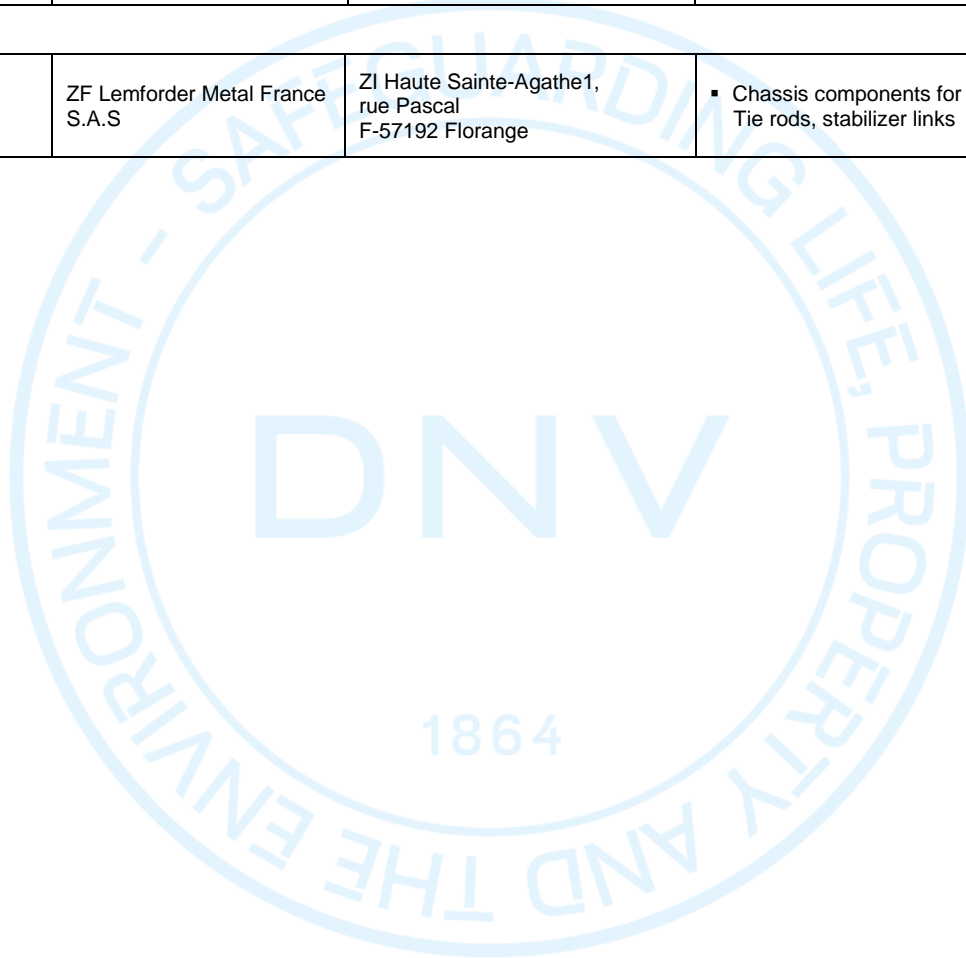
Certificate no.: 10000407452-MS-C-RvA-DEU  
Place and date: Barendrecht, 18 December 2024

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Locations included in the certification are as follows:

Western Europe				
Location	ZF-Company	Address	Scope <sup>1</sup>	
France				
Florange	ZF Lemforder Metal France S.A.S	ZI Haute Sainte-Agathe1, rue Pascal F-57192 Florange	▪ Chassis components for cars: Tie rods, stabilizer links	D, P, S



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Location	ZF-Company	Address	Scope <sup>1</sup>	
<b>Great Britain</b>				
Darlaston	ZF Lemforder UK Ltd.	Heath Road UK-Darlaston, WS10 8BH	<ul style="list-style-type: none"> <li>Automotive suspensions and steering components, systems and associated products</li> </ul>	P, S
<b>Czech Republic</b>				
Klásterec	ZF Electronic Klásterec s.r.o.	Osvobozená 780 CZ-43151 Klásterec nad Ohri	<ul style="list-style-type: none"> <li>Electronic components</li> </ul>	P
Stankov	ZF Stankov s.r.o.	Ohucov 25 CZ-34561 Stankov	<ul style="list-style-type: none"> <li>Axles for construction machinery</li> <li>Drives and transmissions for lift trucks</li> </ul>	P, S
<b>Spain</b>				
Barberà del Vallés (Barcelona)	ZF Services España, S.L.U..	C/ Gorchs Lladó, 99-107 Nave 11 P.I. Can Salvatella E-08210- Barberà del Vallés (Barcelona)	<ul style="list-style-type: none"> <li>Pass Car, OffRoad, Marine, Rail and Commercial Vehicles. Head Office of ZF Services Espana S.L.U. (HR, Sales, Marketing Communication, Customer Service, Finance...)</li> </ul>	S, Se
San Fernando de Henares (Madrid)	ZF Services España, S.L.U..	C/ Canteros, 14 E-28830 San Fernando de Henares (Madrid)	<ul style="list-style-type: none"> <li>Pass Car, OffRoad, Marine, Rail and Commercial Vehicles. Support Office of ZF Services Espana S.L.U. (Quality, EHS, Customer Service, Sales, Technical Support...)</li> </ul>	S, Se
Vitoria	ZF Services España, S.L.U..	C/ Ollamendi, 5 CTV (Júndiz) E-01015 Vitoria (Álava)	<ul style="list-style-type: none"> <li>Pass Car, OffRoad, Marine, Rail and Commercial Vehicles. Support Office and Operations of ZF Services Espana S.L.U. (Warehouse, Purchasing, Customer Service, Sales...)</li> </ul>	S, Se
<b>Italy</b>				
Candiolo	ZF Sachs Italia S.r.l.	Via Sestriere, 28/2 - Candiolo 10060 Candiolo (Torino)	<ul style="list-style-type: none"> <li>Motorbikes shock absorbers</li> </ul>	D, P, S

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<b>Belgium</b>				
Lommel	ZF Windpower Antwerpen NV	Gerard Mercatorstraat 40, B-3920 Lommel	<ul style="list-style-type: none"> <li>Wind gear units</li> </ul>	D, P, Se
<b>Hungary</b>				
Eger	ZF Hungária Kft.	Kistályai út 2, 2/a H-3300 Eger Külsősor út 14 H-3300 Eger	<ul style="list-style-type: none"> <li>Transmissions, gearboxes and their parts</li> </ul>	D, P
<b>Slovakia</b>				
Levice	ZF Slovakia a.s.	Ulica Zeppelina 1 SK-934 01 Levice	<ul style="list-style-type: none"> <li>Chassis components for cars</li> <li>Suspension components for cars</li> </ul>	P, S
		Ulica Zeppelina 3 SK-934 01 Levice	<ul style="list-style-type: none"> <li>Machining of components</li> </ul>	P, S
		Ku Bratke 5 SK- 934 01 Levice	<ul style="list-style-type: none"> <li>Clutch systems for passenger cars</li> <li>Suspension components for cars</li> </ul>	P, S
Detva	ZF Slovakia a.s.	Detva Plant Priemysel'na ulica 2 SK- 962 12 Detva	<ul style="list-style-type: none"> <li>Chassis Components for cars</li> </ul>	P
Trnava	ZF Slovakia a.s.	1864 Strojárska 2 SK-917 02 Trnava	<ul style="list-style-type: none"> <li>Clutch systems for passenger cars, commercial vehicles and torque converters for the automotive industry</li> <li>Clutch facings</li> </ul>	D, P, S
Komarno	ZF Slovakia a.s.	Komarno Plant Ul. Rolníckej školy 86/2877 SK- 945 01 Komarno	<ul style="list-style-type: none"> <li>Clutch systems for passenger cars, commercial vehicles and torque converters for the automotive industry</li> <li>Clutch facings</li> </ul>	P, S

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Western Europe				
Location	ZF-Company	Address	Scope <sup>1</sup>	
<b>Turkey</b>				
Gebze	ZF Sachs Süspansiyon Sistemleri SAN. ve TIC. AS	Gebze Organize Sanayi Bölgesi 400. Sokak, Kocaeli TR-41480 Gebze, Kocaeli Gebze Organize Sanayi Bölgesi Şahabettin Bilgisu Caddesi No: 602 TR-41480 Gebze, Kocaeli	▪ Shock absorbers	D, P
Asia Pacific				
Location	ZF-Company	Address	Scope <sup>1</sup>	
<b>India</b>				
Barabanki	ZF Commercial Vehicle Control Systems India Limited (Lucknow)	Somaiya Nagar, Barabanki Dewa Road, Dhakauli, Nawabganj, Barabanki, Lucknow Nawabganj, District: Barabanki IND-Barabanki Dist., Lucknow	▪ Brake and auxiliary systems as well as spare parts for automotive applications	P
Chennai	ZF Commercial Vehicle Control Systems India Limited (Ambattur) - Production	Plot No. 3 (SP), Main Road, Industrial Estate, Ambattur IND-Chennai, Tamil Nadu	▪ Brake and auxiliary systems as well as spare parts for automotive applications	D,P
Chengalpet	ZF Commercial Vehicle Control Systems India Limited (Mahindra World City)	AA8, Central Avenue, Auto Ancillary SEZ IND-Chengalpet	▪ Brake and auxiliary systems as well as spare parts for automotive applications	P
Jamshedpur	ZF Commercial Vehicle Control Systems India Limited (Jamshedpur)	Large Sector, Adityapur Industrial Area Gamharia, Seraikella IND-Kharsawan Dist., Jamshedpur	▪ Brake and auxiliary systems as well as spare parts for automotive applications	P

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## Appendix to Certificate

Consumption Points without Employees included in the certification are as follows:

No.	ZF-Company	Address
1	ZF Friedrichshafen AG	Untertürkheimer Str. 14 D-66117 Saarbrücken
2	ZF Friedrichshafen AG	Oberen Weiden 14 D-97424 Schweinfurt
3	ZF Friedrichshafen AG	Berliner Allee 11-21 D-66482 Zweibrücken
4	ZF Friedrichshafen AG	Reessingstraße 4 D-49356 Diepholz

