



MANAGEMENT SYSTEM CERTIFICATE

Certificate no.:
10000407738-MS-C-RvA-DEU

Initial certification date:
18 November 2013

Valid:
01 January 2022 – 31 December 2024

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 Occupational Health and Safety Management System standard:
ISO 45001:2018

This certificate is valid for the following scope:

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

Place and date:
Barendrecht, 09 December 2021

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



Erie Koek
Management Representative

Lack of fulfilment of conditions as set out in the Certification Agreement may render this Certificate invalid.

ACCREDITED UNIT: DNV GL Business Assurance B.V., Zwolseweg 1, 2994 LB, Barendrecht, Netherlands - TEL: +31(0)102922689. www.dnvgl.com/assurance

Appendix to Certificate

ZF Friedrichshafen AG

Locations included in the certification are as follows:

Western Europe				
Location	ZF-Company	Address	Scope¹	
Great Britain				
Nottingham	ZF Services UK Ltd.	Abbeyfield Road Lenton UK-Nottingham NG7 2SX	<ul style="list-style-type: none"> Products and spare parts for transmission, axles, and steering technology sectors 	S, Se
Darlaston	ZF Lemforder UK Ltd.	Heath Road UK-Darlaston, WS10 8BH	<ul style="list-style-type: none"> Automotive suspensions and steering components, systems, and associated products 	P, S
Solihull	ZF Lemforder UK Ltd.	Birmingham International Park Starley Way, Bickenhill UK-Solihull, West Midlands	<ul style="list-style-type: none"> Automotive suspensions and steering components, systems, and associated products 	P
Italy				
Arco	ZF Marine Arco S.p.A.	Via S. Andrea, 16, I-3862 Arco	<ul style="list-style-type: none"> Marine transmissions through the steps of machining, heat treatment, assembly, painting 	D, P
Candiolo	ZF Sachs Italia S.r.l.	Via Sestriere, 28/2 - Candiolo I-10060 Candiolo (Torino)	<ul style="list-style-type: none"> Motorbikes shock absorbers 	D, P, S
Padova	ZF Padova s.r.l.	Via Penghe, 48 Caselle die Selvazzanon I-35030 Padova	<ul style="list-style-type: none"> Marine transmissions through the steps of machining, heat treatment, assembly, painting 	D, P

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Western Europe				
Location	ZF-Company	Address	Scope¹	
Spain				
Coslada	ZF Services España, S.A.U.	Avenida Fuentemar, 11 E-28823 Coslada (Madrid)	<ul style="list-style-type: none"> Products and Spare Parts for transmission, Axles and steering technology 	S, Se
Ermua	ZF Lemförder TVA, S.A.	Zeharkalea, S/N E-48260 Ermua (Vizcaya)	<ul style="list-style-type: none"> Suspension ball joints, axial ball joints Suspension arms and tie rods 	D, P
Lezama	ZF Sachs España, S.A. Unipersonal	Bo Aretxalde, 130, E-48196 Lezama	<ul style="list-style-type: none"> Suspension components for cars Shock absorbers 	P, S
Sant Cugat del Vallés	ZF Services España, S.A.U.	C/ Sant Esteve, 29 E-08173 Sant Cugat del Vallés (Barcelona)	<ul style="list-style-type: none"> Administration and Customer Service 	S, Se
Vitoria	ZF Services España, S.A.U.	C/ Ollamendi, 5 CTV (Júndiz) E-01015 Vitoria (Álava)	<ul style="list-style-type: none"> Spare Part Trading for motor vehicles 	S, Se
Germany				
Alfdorf	ZF Automotive Germany GmbH	Industriestraße 20 D-73553 Alfdorf	<ul style="list-style-type: none"> Safety Belt and Airbag System 	D, P, S
Bad Neuenahr-Ahrweiler	ZF Friedrichshafen AG	Max-Planck-Straße 17 D-53474 Bad Neuenahr-Ahrweiler	<ul style="list-style-type: none"> Suspension Component for cars 	P
Brandenburg	ZF Getriebe Brandenburg GmbH	Caasmanstraße 9 D-14770 Brandenburg	<ul style="list-style-type: none"> Manual transmissions and dual clutch transmissions for cars 	D, P, S, Se
		Geschwister-Scholl-Straße 2 D-14770 Brandenburg		
Diepholz	ZF Friedrichshafen AG	Siemenstraße 4 + 7 D-49356 Diepholz	<ul style="list-style-type: none"> Components for transmission gearshifts for cars and commercial vehicles Chassis components for cars 	D, P, S
		Dr.-Jürgen-Ulderup-Straße 11 D-49356 Diepholz		P
Damme	ZF Friedrichshafen AG	Dr.-Jürgen-Ulderup-Platz 1 D-49401 Damme	<ul style="list-style-type: none"> Chassis components for cars 	P

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Location	ZF-Company	Address	Scope¹	Location
Germany				
Kreuztal	ZF Friedrichshafen AG	Langenauer Straße 18 D-57223 Kreuztal	<ul style="list-style-type: none"> Chassis components for cars 	P
Friedrichshafen	ZF Friedrichshafen AG	Löwentaler Str. 20 D-88046 Friedrichshafen	<ul style="list-style-type: none"> Central function for the management system 	
Gotha	ZF Friedrichshafen AG	Passauer Straße 1 D-99867 Gotha	<ul style="list-style-type: none"> Axle drive systems for automobile industry 	P, S
Koblenz	ZF Active Safety GmbH	Carl-Spaeter-Str. 8 D-56070 Koblenz	<ul style="list-style-type: none"> Brakes and brake components for passenger cars for the automotive industry 	D, P, S
Lemförde	ZF Friedrichshafen AG	Alter Bahndamm 12 D-49448 Lemförde	<ul style="list-style-type: none"> Axles and axle components Chassis components for cars and commercial vehicles 	D
Neuwied	ZF Friedrichshafen AG	Rudolf-Diesel-Straße 7 D-56566 Neuwied	<ul style="list-style-type: none"> Spare Part Trading and services for motor vehicles 	S, Se
Passau	ZF Friedrichshafen AG	Donaustraße 25-71 D-94034 Passau	<ul style="list-style-type: none"> Off-road driveline technology Axle systems Transmission systems for stacking systems Test systems 	D, P, S, Se
		Tittlinger Straße 28 D-94034 Passau		
Saarbrücken	ZF Friedrichshafen AG	Untertürkheimer Str. 4 + 5 + 12 + 33 D-66117 Saarbrücken	<ul style="list-style-type: none"> Automatic Transmission for cars 	D, P, S, Se
		Großblittersdorfer Str. 247 D-66117 Saarbrücken		
		Südring 1 D-66117 Saarbrücken		
		Metzner Str. 160 D-66117 Saarbrücken		
		Am Heidenhübel 99 D-66539 Neunkirchen		
		Hans-Großwendt Ring 19 D-66333 Völklingen		
Thyrnau	ZF Friedrichshafen AG	Graf-Zeppelin-Straße 1 D-94136 Thyrnau	<ul style="list-style-type: none"> Axle systems for automobile industry 	D, P, S

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Wagenfeld	ZF Friedrichshafen AG	Dr.-Jürgen-Ulderup-Platz 1 49419 Wagenfeld	<ul style="list-style-type: none"> Chassis components for cars 	P
Witten	ZF Industrieantriebe Witten GmbH	Mannesmannstraße 29 D-58455 Witten	<ul style="list-style-type: none"> Gearboxes and transmissions for wind turbines, industrial and mobile applications 	D, P, S, Se
Wolfsbach (Bayreuth)	ZF Friedrichshafen AG	Am Briefzentrum 2 D-95448 Wolfsbach	<ul style="list-style-type: none"> Electronic components 	P
Stemwede - Dielingen	ZF Friedrichshafen AG	Am Thie 20 D-32351 Stemwede-Dielingen	<ul style="list-style-type: none"> Axles and axle components Chassis components for cars and commercial vehicles 	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		

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Location	ZF-Company	Address	Scope¹	
Austria				
Lebring	ZF Lemförder Achssysteme Ges.m.b.H. & Co. KG	Parkring 1 A- 8403 Lebring	<ul style="list-style-type: none"> ▪ Axles and corner modules for cars 	P
Belgium				
Lommel	ZF Windpower Antwerpen NV	Gerard Mercatorstraat 40, B-3920 Lommel	<ul style="list-style-type: none"> ▪ Wind gear units 	D, P, Se
France				
Bouthéon	ZF Bouthéon S. A. S	4, Bld Pierre Desgranges F-42166 Andrézieux- Bouthéon Cedex	<ul style="list-style-type: none"> ▪ Gearboxes 	P
Florange	ZF Lemforder Metal France S.A.S	ZI Haute Sainte-Agathe1, Rue Pascal F-57192 Florange	<ul style="list-style-type: none"> ▪ Chassis components for cars: Tie rods, stabilizer links 	D, P, S
Turkey				
Izmir	ZF Lemforder AKS Modulleri SAN. ve TIC. A.S.	Atatürk Organize Sanayi Bölgesi 10003 SK. NO:13 TR-35620 Cigli-Izmir	<ul style="list-style-type: none"> ▪ Ball joints, ball joint shafts ▪ Axle torque rods, tie rods, drag links, wheel control arms ▪ Steering and suspension systems for passenger cars and commercial vehicles 	D, P

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Locations included in the certification are as follows:

Eastern Europe				
Location	ZF-Company	Address	Scope¹	
Hungary				
Eger	ZF Hungária Kft.	Kistályai út 2, 2/a H-3300 Eger	<ul style="list-style-type: none"> ▪ Transmissions, gearboxes and their parts 	D, P
Slovakia				
Levice	ZF Slovakia a.s.	Ulica Zeppelina 1 + 3, SK-934 01 Levice	<ul style="list-style-type: none"> ▪ Clutch systems for passenger cars and commercial vehicles ▪ Torque converters for automotive industry ▪ Clutch facings 	P, S
		Ku Bratke 5 SK- 934 01 Levice	<ul style="list-style-type: none"> ▪ Suspension components for cars 	P, S
Detva	ZF Slovakia a.s.	Detva Plant Priemyselná ulica 2 SK- 962 12 Detva	<ul style="list-style-type: none"> ▪ Chassis Components for Cars 	P
Komarno	ZF Slovakia a.s.	Komarno Plant Ul. Rolníckej školy 86/2877 SK- 945 01 Komarno	<ul style="list-style-type: none"> ▪ Clutch systems for passenger cars, commercial vehicles and torque converters for the automotive industry and Clutch facings 	P, S
Trnava	ZF Slovakia a.s.	Strojarenska 2 SK- 917 01 Trnava	<ul style="list-style-type: none"> ▪ Clutch systems for passenger cars, commercial vehicles and torque converters for the automotive industry and Clutch facings 	D, P, S
Czech Republic				
Stankov	ZF Stankov s.r.o.	Ohucov 25 CZ-34561 Stankov	<ul style="list-style-type: none"> ▪ Axles for construction machinery ▪ Drives and transmissions for lift trucks 	P, S
Zatec	ZF Chassis Systems Žatec s. r. o.	Žatec Plant Průmyslová zóna Triangle CZ- 438 01 Staňkovice	<ul style="list-style-type: none"> ▪ Axles and Axle Components 	P
Serbia				
Pančevo	ZF Serbia d.o.o.	7. Nova 7 SER- 26 000 Pančevo	<ul style="list-style-type: none"> ▪ Electric drives, systems for Transmission gearshifts and electronic and electromechanical components. 	D, P

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Locations included in the certification are as follows:

North America				
Location	ZF-Company	Address	Scope ¹	
United States				
Duncan	ZF Chassis Systems Duncan, LLC	191 Parkway West, USA-Duncan, SC 29334	<ul style="list-style-type: none"> ▪ Axles and axle drives for cars ▪ Corner modules for cars 	P
Gainesville	ZF Gainesville, LLC	1261 Palmour Drive SW USA-Gainesville, GA 30501	<ul style="list-style-type: none"> ▪ Parking brakes ▪ Transmissions ▪ Axles and axle drives ▪ Wind turbine 	P
		1925 New Harvest Drive SW USA-Gainesville, GA 30502		
		5405 Rafe Banks Drive USA-Flowery Beach, GA 30507		
Gray Court	ZF Transmissions Gray Court, LLC	2846 North Old Laurens Road USA-Gray Court, SC 29645	<ul style="list-style-type: none"> ▪ Automatic transmissions for cars 	P
Lapeer	ZF Chassis Components, LLC	3300 John Conley Drive, USA-Lapeer, MI 48446	<ul style="list-style-type: none"> ▪ Chassis components for cars ▪ Control arms ▪ Suspension parts and engine components 	P
Marshall	ZF Active Safety and Electronics US LLC	902 South Second St. USA-Marshall, IL 62441	<ul style="list-style-type: none"> ▪ Electronic safety systems and electronic convenience systems 	P
Newton	ZF Chassis Components, LLC	1570 East P Street Extension, USA-Newton, NC 28658	<ul style="list-style-type: none"> ▪ Suspension components for cars 	P
Tuscaloosa	ZF Chassis Systems Tuscaloosa, LLC	1200 Commerce Drive, USA-Tuscaloosa, AL 35401	<ul style="list-style-type: none"> ▪ Axles and axle drives for cars ▪ Corner modules for cars 	P
Vernon Hills	ZF Services, LLC	777 Hickory Hill Drive, USA-Vernon Hills, IL 60061	<ul style="list-style-type: none"> ▪ Spare part trading for motor vehicles 	S, Se

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North America				
Location	ZF-Company	Address	Scope ²	
Mexico				
Chihuahua IRS	TRW Occupant Restraints de Chihuahua S. de R.L. de C.V.	Avenida Juan Escutia 3201 Parque Industrial El Saucito MX-31125 Chihuahua, Chihuahua	<ul style="list-style-type: none"> Inflatable restraint products for transportation industry 	P
Chihuahua SWS	TRW Steering Wheel Systems de Chihuahua S. de R.L. de C.V.	Avenida Juan Escutia #3201 Parque Industrial El Saucito MX-31125 Chihuahua, Chihuahua	<ul style="list-style-type: none"> Steering wheels, air bags cover, and inflatable products for automotive industry 	P
El Salto	ZF Suspension Technology Guadalajara S.A. de C.V.	Km. 3.5 Carretera – El Salto La Capilla, MEX-El Salto, C.P. 45680	<ul style="list-style-type: none"> Suspension components for cars and CV's: Shock absorbers 	P
Gomez Palacio	ZF Occupant Safety Systems de la Laguna S. de R.L. de C.V.	Gomez Palacio Plant (La Laguna) Circuito Del Ferrocarril 160 Parque Industrial Zona Conectividad MX-35024 Gómez Palacio Durango	<ul style="list-style-type: none"> Airbag modules and safety belts 	P
Juárez	ZF Electronics de México S. de R.L. de C.V.	Av. Valle de los Cedros Nr. 1650 Parque Industrial Intermex MEX-Juárez, CP 32690	<ul style="list-style-type: none"> Electronic components 	P
Ramos Arizpe	ZF Powertrain Modules Saltillo S.A. de C.V.	Industria Metalurgica 1010-2, Parque Industrial Ramos Arizpe, MEX-Ramos Arizpe, C.P. 25900	<ul style="list-style-type: none"> Drive components for cars and CV's Torque converters Clutches 	D, P
Santa Rosa P1, P2	FRENOS Y MECANISMOS, S. DE R.L. DE C.V.	La Griega No. 101, Parque Industrial Querétaro C.P. MX-76220 Santa Rosa Jáuregui, Querétaro	<ul style="list-style-type: none"> Brake for cars and commercial trucks 	P
Santa Rosa P3	FRENOS Y MECANISMOS, S. DE R.L. DE C.V.	Santa Rosa de Jáuregui Plant 3 Av. Industria de la Transformación No. 302, Parque Industrial Querétaro, C.P. MX-76620 Santa Rosa	<ul style="list-style-type: none"> Brake for cars and commercial trucks 	P

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DNV

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Place and date: Barendrecht, 09 December 2021

		Jaúregui, Querétaro		
Toluca	ZF Chassis Components Toluca S.A. de C.V.	Calle 7 Norte S/N, Manzana J, Lotes 2 y 3, Parque Industrial Toluca 2000 MEX-Toluca, C.P. 50200	▪ Suspension components for cars	D, P



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South America				
Location	ZF-Company	Address	Scope ¹	
Argentina				
San Francisco	ZF Argentina S.A.	Av. de la Universidad, 51 RA-2400 San Francisco/CBA	<ul style="list-style-type: none"> ▪ Suspension components for cars and CV's: ▪ Shock absorbers 	D, P, S
Brazil				
Araraquara	ZF do Brasil Ltda.	Rua Sachs, 555 BR-14800-655 Araraquara/SP	<ul style="list-style-type: none"> ▪ Clutch systems 	P
São Bernardo do Campo	ZF do Brasil Ltda.	Av. Piraporinha, 1000 BR-09891-901 São Bernardo do Campo/SP	<ul style="list-style-type: none"> ▪ Clutch systems and friction materials 	D, P, S

South Africa				
Location	ZF-Company	Address	Scope ¹	
Rosslyn	ZF Lemförder SA (Pty.) Ltd.	120 Doreen Avenue, Extension 1, SA-0200 Rosslyn	<ul style="list-style-type: none"> ▪ Axles 	P

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Asia Pacific				
Location	ZF-Company	Address	Scope¹	
Korea				
Changwon	ZF Sachs Korea Co. Ltd.	#173 Seongsanpaechong-ro, Seongsan-gu, Changwon-si, Gyeongsangnam-do 51534	<ul style="list-style-type: none"> Shock absorbers and strut modules 	D, P
Taiwan				
Kaohsiung City	ZF Faster Propulsion System Co., Ltd.	17, Dayou 1 st street, Dafa Industrial District, Daliao District, Kaohsiung City, Taiwan, R.O.C.	<ul style="list-style-type: none"> Propeller Shaft for propeller 	D, P
India				
Coimbatore	ZF Wind Power Coimbatore Private Ltd.	Plot No. 3, Hi Techn Engineering and Service Sector SEZ, Karumathampatty and Kittampalayam Village IND-641659 Tamil Nadu	<ul style="list-style-type: none"> Gear boxes, transmissions & axles Wind turbines 	D, P, S, Se
Maharashtra Pune	ZF India Private Limited	Plot B 38, MIDC Chakan Phase II, Village- Vasuli, Tal.- Khed, Dist.- Pune – 410501 IND – Maharashtra. Pune 410501	<ul style="list-style-type: none"> Transmissions, chassis components, clutches, services 	P, S, Se
Malaysia				
Padang	ZF Chassis Systems Sdn. Bhd.	Lot 1453, Kawasan Perindustrian Padang Meha, Mukim Padang Meha, 09400 Padang Serai, Kedah Darul Aman, Malaysia	<ul style="list-style-type: none"> Assembled chassis systems 	P
Thailand				
Rayong	ZF Lemforder (Thailand) Co., Ltd.	300/84 Moo.1 Eastern Seaboard Industrial Estate Tambon Ta-sit Pluakdaeng TH-21140 Rayong	<ul style="list-style-type: none"> Assembly of modules and systems for wheel location and suspension 	P
	ZF Chassis System (Rayong) Co.,Ltd.	7/201 Moo 6, Amata City Industrial Estate, Map Yang Phon, Pluakdaeng TH-21140 Rayong	<ul style="list-style-type: none"> Modules and systems for powertrain and suspension as well as associated parts 	P

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