

MANAGEMENT SYSTEM CERTIFICATE

Certificate no.: 10000407738-MSC-RvA-DEU Initial certification date: 18 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 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, 18 December 2024 For the issuing office: DNV - Business Assurance Zwolseweg 1, 2994 LB Barendrecht, Netherlands



AAR



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 ¹	
Great Britain			1	
Nottingham	ZF Services UK Ltd.	Abbeyfield Road Lenton UK-Nottingham NG7 2SX	 Products and spare parts for transmission, axles, and steering technology sectors 	S, Se
Darlaston	ZF Lemforder UK Ltd.	Heath Road UK-Darlaston, WS10 8BH	 Automotive suspensions and steering components, systems, and associated products 	P, S
Italy	1, 1			
Arco	ZF Marine Arco S.p.A.	Via S. Andrea, 16, I-3862 Arco	 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)	 Motorbikes shock absorbers 	D, P, S
Padova	ZF Padova s.r.l.	Via Penghe, 48 Caselle die Selvazzanon I-35030 Padova	 Marine transmissions through the steps of machining, heat treatment, assembly, painting 	D, P



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Location	ZF-Company	Address	Scope ¹	
Spain	I		I	
Ermua	ZF Lemförder TVA, S.A.	Zeharkalea, S/N E-48260 Ermua (Vizcaya)	 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	Suspension components for carsShock absorbers	P, S
Olvega	ZF AFTERMARKET IBERICA S.L.U.	Ctra. de Agreda, s/n, E- 42110 Olvega	 Metal supports and accessories, disc brake pads for automotive. Commercialization of braking system components 	P, S
Barberà del Vallés	ZF Services España, S.L.U.	C/ Gorchs Lladó, 99-107 Nave 11 P.I. Can Salvatella E-08210- Barberà del Vallés (Barcelona)	 Pass Car, Off Road, Marine, Rail and Commercial Vehicles. Head Office of ZF Services Espana S.L.U. (HR, Sales, Marketing Communication, Customer Service, Finance) 	S, Se
San Fernando de Henares (Madrid)	ZF Services España, S.L.U.	C/ Canteros, 14 28830 San Fernando de Henares (Madrid	 Pass Car, Off Road, Marine, Rail and Commercial Vehicles. Support Office of ZF Services Espana S.L.U. (Quality, EHS, Customer Service, Sales, Technical Support) 	S, Se
Vitoria	ZF Services España, S.L.U.	C/ Ollamendi, 5 CTV (Júndiz) E-01015 Vitoria (Álava)	 Pass Car, Off Road, Marine, Rail and Commercial Vehicles. Support Office and Operations of ZF Services Espana S.L.U. (Warehouse, Purchasing, Customer Service, Sales) 	S, Se
Germany		1001		
Alfdorf	ZF Automotive Germany GmbH	Industriestraße 20 D-73553 Alfdorf	 Safety Belt and Airbag System 	D, P, S
Bad Neuenahr- Ahrweiler	ZF Friedrichshafen AG	Max-Planck-Straße 17 D-53474 Bad Neuenahr- Ahrweiler	 Suspension Component for cars 	Р
Brandenburg	ZF Getriebe Brandenburg GmbH	Caasmannstraße 9 D-14770 Brandenburg	 Manual transmissions and dual clutch transmissions for cars 	D, P, S, Se
Diepholz	ZF Friedrichshafen AG	Siemensstraße 4 + 7 D-49356 Diepholz	 Components for transmission for cars and commercial vehicles 	D, P, S
		DrJürgen-Ulderup-Straße 11 D-49356 Diepholz	 Chassis components for cars 	
Düsseldorf	ZF Active Safety GmbH	Schiessstraße 43 D-40549 Düsseldorf	 Steering Systems 	D, S

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Location	ZF-Company	Address	Scope ¹	Location
Germany	1			
Kreuztal	ZF Friedrichshafen AG	Langenauer Straße 18 D-57223 Kreuztal	 Chassis components for cars 	Р
Friedrichshafen	ZF Friedrichshafen AG	Löwentaler Str. 20 D-88046 Friedrichshafen	 Central function for the management system 	
Gotha	ZF Friedrichshafen AG	Passauer Straße 1 D-99867 Gotha	 Axle drive systems for automobile industry 	P, S
Koblenz	ZF Active Safety GmbH	Carl-Spaeter-Str. 8 D-56070 Koblenz	 Brakes and brake components for passenger cars for the automotive industry 	D, P, S
Lemförde	ZF Friedrichshafen AG	Alter Bahndamm 12 D-49448 Lemförde	 Axles and axle components Chassis components for cars and commercial vehicles 	D
Neuwied	ZF Friedrichshafen AG	Rudolf-Diesel-Straße 7 D-56566 Neuwied	 Spare Part Trading and services for motor vehicles 	S, Se
Passau	ZF Friedrichshafen AG	Donaustraße 25-71 D-94034 Passau	 Off-road driveline technology Axle systems Transmission systems for 	D, P, S, S
		Tittlinger Straße 28 D-94034 Passau	stacking systems Test systems 	
		Untertürkheimer Str. 4+12 D-66117 Saarbrücken Großblittersdorfer Str. 247 D-66117 Saarbrücken		
Saarbrücken	ZF Friedrichshafen AG	Südring 1 D-66117 Saabrücken Metzer Str. 160 D-66117 Saabrücken Am Heidenhübel 99 D-66539 Neunkirchen Hans-Großwendt Ring 19 D-66333 Völklingen	Automatic Transmission for cars	D, P, S, S
Thyrnau	ZF Friedrichshafen AG	Graf-Zeppelin-Straße 1 D-94136 Thyrnau	 Axle systems for automobile industry 	D, P, S

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Germany				
Wagenfeld	ZF Friedrichshafen AG	DrJürgen-Ulderup-Platz 1 49419 Wagenfeld	 Chassis components for cars 	Ρ
Witten	ZF Industrieantriebe Witten GmbH	Mannesmannstraße 29 D-58455 Witten	 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	 Electronic components 	Р
Stemwede - Dielingen	IZ/	Am Thie 20 D-32351 Stemwede-Dielingen	וידי	
		Dielinger Straße 60, D-32351 Stemwede-Dielingen	U	
	ZF Friedrichshafen AG	DrJürgen-Ulderup-Straße 7 D-32351 Stemwede-Dielingen	 Axles and axle components Chassis components for cars and commercial vehicles 	D, P, S
	15	DrJürgen-Ulderup-Straße 3 D-32351 Stemwede-Dielingen	2	
	A CE	Bachstraße 10 D-32351 Stemwede-Dielingen		
Gronau	ZF CV Systems Hannover GmbH	Gartenstrasse 1 D-31028 Gronau	 Brake and auxiliary systems as well as spare parts for the automotive industry 	
Hannover	ZF CV Systems Hannover GmbH	Am Lindener Hafen 21 D-30453 Hannover	 Brake and auxiliary systems as well as spare parts for the automotive industry 	D, P
Hannover	ZF CV Distribution Germany GmbH & Co. KG	Am Lindener Hafen 21 D-30453 Hannover	 Brake and auxiliary systems as well as spare parts for the automotive industry 	S
Langenhagen	ZF CV Logistics Germany GmbH	Müchner Str. 48 D-30855 Langenhagen	 Brake and auxiliary systems as well as spare parts for the automotive industry 	S
Mannheim	WABCO Radbremsen GmbH	Baerlochweg 25 D-68229 Mannheim	 Brake and auxiliary systems as well as spare parts for the automotive industry 	D, P

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Locations included in the certification are as follows:

Western	Europe			
Location	ZF-Company	Address	Scope ¹	
Austria				
Lebring	ZF Lemförder Achssysteme Ges.m.b.H. & Co. KG	Parkring 1 A- 8403 Lebring	 Axles and corner modules for cars 	Р
Belgium		FORMU		
Lommel	ZF Windpower Antwerpen NV	Gerard Mercatorstraat 40, B-3920 Lommel	 Wind gear units 	D, P, Se
France		I		-1
Florange	ZF Lemforder Metal France S.A.S	Zl Haute Sainte-Agathe1, Rue Pascal F-57192 Florange	 Chassis components for cars: Tie rods, stabilizer links 	D, P, S
Turkey			4	
Izmir	ZF Lemforder AKS Modulleri SAN. ve TIC. A.S.	Atatürk Organize Sanayi Bölgesi 10003 SK. NO:13 TR-35620 Cigli-Izmir	 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	Scope ¹		
Hungary					
Eger	ZF Hungária Kft.	Kistályai út 2, 2/a H-3300 Eger Külsősor út 14 H-3300 Eger	Transmissions, gearboxes and their parts	D, P	
Slovakia		LL.		1	
Levice	ZF Slovakia a.s.	Ulica Zeppelina 1 + 3, SK-934 01 Levice	 Clutch systems for passenger cars and commercial vehicles Torque converters for automotive industry Clutch facings 	P, S	
	12/	Ku Bratke 5 SK- 934 01 Levice	 Suspension components for cars 	P, S	
Detva	ZF Slovakia a.s.	Detva Plant Priemyselná ulica 2 SK- 962 12 Detva	Chassis Components for Cars	Р	
Komarno	ZF Slovakia a.s.	Komarno Plant UI. Rolníckej školy 86/2877 SK- 945 01 Komarno	 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	 Clutch systems for passenger cars, commercial vehicles and torque converters for the automotive industry and Clutch facings 	D, P, S	
Czech Rep	ublic				
Stankov	ZF Stankov s.r.o.	Ohucov 25 CZ-34561 Stankov	 Axles for construction machinery Drives and transmissions for lift trucks 	P, S	
Serbia					
Pančevo	ZF Serbia d.o.o.	7. Nova 7 SER- 26 000 Pančevo	 Electric drives, systems for Transmission gearshifts and electronic and electromechanical components. 	D, P	

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.dnv.com/assurance

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Location	ZF-Company	Address	Scope ¹	
Poland				
Krajków	ZF CV SYSTEMS POLAND Sp.	UI. Logistyczna 2 PL-Krajków	 Brake and auxiliary systems as well as spare parts for the automotive industry 	D, P
Wroclaw	ZF CV SYSTEMS POLAND Sp.	UI. Ostrowskiego 34 PL- Wroclaw	 Brake and auxiliary systems as well as spare parts for the automotive 	D, P
	ZF CV SYSTEMS POLAND Sp.	UI. Kwiatkowski 2 PL- Wroclaw	industry	



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Location	ZF-Company	Address	Scope ¹	
United State	es e			
Gainesville	ZF Gainesville, LLC	1261 Palmour Drive SW USA-Gainesville, GA 30501 1925 New Harvest Road USA-Gainesville, GA, 30507	 Suspension component for commercial vehicles Steering component for commercial vehicle Parking brakes Transmissions Axles and axle drives 	Ρ
Gray Court	ZF Transmissions Gray Court, LLC	2846 North Old Laurens Road USA-Gray Court, SC 29645	 Automatic transmissions for cars 	Ρ
Hebron	WABCO USA LLC	845 Lindbergh Court US-41048 Hebron	 Components for vehicle control systems for commercial vehicles. 	Р
Lapeer	ZF Chassis Components, LLC	3300 John Conley Drive, USA-Lapeer, MI 48446	 Chassis components for cars Control arms Suspension parts and engine components 	Р
Marshall	ZF Active Safety and Electronics US LLC	902 South Second St. USA-Marshall, IL 62441	 Electronic safety systems and electronic convenience systems 	Р
Newton	ZF Chassis Components, LLC	1570 East P Street Extension, USA-Newton, NC 28658	 Suspension components for cars 	Р
North Charleston	WABCO Compressor Manufacturing Co.	8225 Patriot Blvd USA-North Charleston	 Brake and auxiliary systems as well as spare parts for the automotive, truck and bus industry 	D,P
Vernon Hills	ZF Services, LLC	777 Hickory Hill Drive, USA-Vernon Hills, IL 60061	 Spare part trading for motor vehicles 	S, Se

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Locations included in the certification are as follows:

North America Location **ZF-Company** Address Scope² Mexico TRW Occupant Avenida Juan Escutia 3201 Restraints de Chihuahua Parque Industrial El Saucito Chihuahua IRS Р Inflatable restraint products for MX-31125 Chihuahua, S. de R.L. de C.V. transportation industry Chihuahua TRW Steering Wheel Avenida Juan Escutia #3201 Chihuahua Systems de Chihuahua Steering wheels, air bags cover, and Parque Industrial El Saucito Р SWS S. de R.L. de C.V. inflatable products for automotive MX-31125 Chihuahua, industry Chihuahua El Margues Braking Lateral de la Carretera Estatal TRW Sistemas de 431 Km 2+200 interior 78. Р El Marqués Breaking systems parts for the Frenado S. de R.L. de Parque Tecnológico Innovación automotive industry C.V. Querétaro, C.P. MX - 76246, El Marqués, Querétaro **ZF** Suspension Km. 3.5 Carretera - El Salto Suspension components for cars and Р FI Salto Technology Guadalajara CV's: La Capilla, S.A. de C.V. MEX-El Salto, C.P. 45680 Shock absorbers Gomez Palacio Plant ZF Occupant Safety (La Laguna) Systems de la Laguna S. Circuito Del Ferrocarril 160 Gomez Palacio Ρ Parque Industrial Zona de R.L. de C.V. Airbag modules and safety belts Conectividad MX-35024 Gómez Palacio Durango Av. Valle de los Cedros Nr. 1650 **ZF Electronic Systems** Ρ Juárez Parque Industrial Intermex Juarez S.A. de C.V. Electronic components MEX-Juárez, CP 32690 Drive components for cars and CV's Industria Metalurgica 1010-2, ZF Powertrain Modules D. P Ramos Arizpe Saltillo S.A. de C.V. Parque Industrial Ramos Arizpe, Torque converters MEX-Ramos Arizpe, C.P. 25900 Clutches

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Locations included in the certification are as follows:

South America				
Location	ZF-Company	Address	Scope ¹	
Mexico				
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	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 Jaúregui, Querétaro	 Brake for cars and commercial trucks 	Ρ
Toluca	ZF Chassis Technology 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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Locations included in the certification are as follows:

South An	nerica			
Location	ZF-Company	Address	Scope ¹	
Argentina				
San Francisco	ZF Argentina S.A.	Av. de la Universidad, 51 RA-2400 San Francisco/CBA	 Suspension components for cars and CV's: Shock absorbers 	D, P, S
Brazil				1
Araraquara	ZF Automotive Brasil Ltda.	Rua Sachs, nº 555, Anexo III, Chacara do trevos, complemento Rodovia Washington Luiz, km 271, CEP: 14800-655, Araraquara, SP	 Clutch systems 	Ρ
São Bernardo do Campo	ZF Automotive Brasil Ltda.	Avenida Piraporinha, nº 1.000, Planalto, CEP 09891-901, Cidade de São Bernardo do Campo, Estado de São Paulo	 Clutch systems and friction materials 	D, P, S
Sumaré	ZF Automotive Brasil Ltda.	RODOVIA ANHANGUERA, S/N, KM 106, JARDIM SAO JUDAS TA Sumaré - Sao Paulo	 Brake and auxiliary systems as well as spare parts for the automotive industry 	D, P, S



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Korea		I		
Changwon	ZF Sachs Korea Co. Ltd.	#173 Seongsanpaechong-ro, Seongsan-gu, Changwon-si, Gyeongsangnam-do 51534	 Shock absorbers and strut modules 	D, P
Gyeonggi-do	WABCO Korea Ltd.	884-3, Eyon-ri, Chongbuk-myon; Pyongtaek-si KR-Gyeonggi-do	Brake Systems and components	D, P, Se
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.	PropellerShaft for propeller	D, P



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Locations included in the certification are as follows:

Location	ZF-Company	Address	Scope ¹	
India	1		I	
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 	Ρ
Chennai	ZF Commercial Vehicle Control Systems India Limited (Testtrack)	Ushan nagar, Ulandai, Mappedu- 602105,Tiruvallur district, Tamilnadu IND-Chennai, Tamil Nadu	 air/air assisted braking systems including electronically braking system aggregates & pneumatic aggregates for automotive industry in the track 	Se
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 	Ρ
Coimbatore	ZF Wind Power Coimbatore Private Ltd.	Plot No. 3, Hi Tech Engineering and Services Sector SEZ, Karumathampatty and Kittampalayam Village,Tamil Nadu - IND-641659	 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,Maharashtra. Pune - IND-410501	 Transmissions, chassis components, clutches, services 	P, S, Se
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 	Ρ
Uttrakand	ZF Commercial Vehicle Control Systems India Limited (Pant Nagar)	Plant-IV, Plot No. 11, Sector-4, Integrated Industrial Estate, Pant Nagar, Rudrapur, Dist. Udham, Singh Nagar IND- Uttrakand	 Brake and auxiliary systems as well as spare parts for automotive applications 	Ρ

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