



MANAGEMENT SYSTEM CERTIFICATE

Certificate no.:
10000407378-MSC-RvA-DEU

Initial certification date:
03 May 2006

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 Environmental Management System standard:

ISO 14001:2015

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



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.dnv.com/assurance

Appendix to Certificate

ZF Friedrichshafen AG

Locations included in the certification are as follows:

Western Europe				
Location	ZF-Company	Address	Scope ¹	
Germany				
Alfdorf	ZF Automotive Germany GmbH	Industriestraße 20, D-73553 Alfdorf	▪ Safety Belt and Airbag Systems	D, P, S
Auerbach	ZF Friedrichshafen AG	Graf-Zeppelin-Straße 1 D-91275 Auerbach	▪ Electronic components	D, P, S
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
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

¹D = 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 ¹	
Germany				
Friedrichshafen	ZF Friedrichshafen AG	Löwenthaler Str. 20 D-88046 Friedrichshafen	<ul style="list-style-type: none"> Central Function for the Management System 	
		Aistegstraße 39 D-88046 Friedrichshafen	<ul style="list-style-type: none"> Corporate research and development ECU (electronic control unit) 	D
		Graf-von-Soden-Platz 1 D-88046 Friedrichshafen	<ul style="list-style-type: none"> Automatic transmissions for cars 	D
		Alfred-Colsmann-Platz 1 D-88045 Friedrichshafen	<ul style="list-style-type: none"> Manual and automatic transmissions for commercial vehicles Rail vehicle drives Industrial drives and elevator gearboxes 	D, P, S, Se
		Ehlersstraße 50 D-88038 Friedrichshafen	<ul style="list-style-type: none"> Transmissions, propellers and control systems for boats and ships Manual and automatic transmissions for commercial vehicles Rail vehicle drives Industrial drives and elevator gearboxes 	D, P, S, Se
Gronau	ZF CV Systems Hannover GmbH	Gartenstrasse 1 D-31028 Gronau	<ul style="list-style-type: none"> Brake and auxiliary systems as well as spare parts for the automotive industry 	P
Gotha	ZF Friedrichshafen AG	Passauer Straße 1 D-99867 Gotha	<ul style="list-style-type: none"> Axle drive systems for automobile industry 	P, S
Hannover	ZF CV Systems Hannover GmbH	Am Lindener Hafen 21 D-30453 Hannover	<ul style="list-style-type: none"> Brake and auxiliary systems as well as spare parts for the automotive industry 	D, P
	ZF CV Distribution Germany GmbH & Co. KG		<ul style="list-style-type: none"> Brake and auxiliary systems as well as spare parts for the automotive industry 	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
Kressbronn	ZF Friedrichshafen AG	Argenstraße 30 D-88079 Kressbronn	<ul style="list-style-type: none"> Manual, automatic and continuously variable transmissions for cars 	D
Kreuztal	ZF Friedrichshafen AG	Langenauer Straße 18 D-57223 Kreuztal	<ul style="list-style-type: none"> Chassis components for cars 	P
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

¹D = 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 ¹	
Germany				
Mannheim	WABCO Radbremsen GmbH	Baerlochweg 25 D-68229 Mannheim	<ul style="list-style-type: none"> Brake and auxiliary systems as well as spare parts for the automotive industry 	D, P
Nürnberg	ZF Gusstechnologie GmbH	Nopitschstraße 71 D-90441 Nürnberg	<ul style="list-style-type: none"> Casting products in aluminium and magnesium with foundry for high-pressure die casting and NC machining 	D, P, S
		Industriestraße 36 D-90441 Nürnberg	<ul style="list-style-type: none"> Casting products in aluminium and magnesium with foundry for high-pressure die casting and NC machining 	P, S
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 	D, P, S, Se
		Tittlinger Straße 28 D-94034 Passau		
Saarbrücken	ZF Friedrichshafen AG	Untertürkheimer Str. 4 + 12 D-66117 Saarbrücken	<ul style="list-style-type: none"> Automatic transmissions for cars 	D, P, S
		Großblittersdorfer Str. 247 D-66117 Saarbrücken		D, P, S, Se
		Südring 1 D-66117 Saarbrücken		
		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"> Powertrain components for cars and commercial vehicles Suspension components for cars, commercial vehicles and rail vehicles 	D, P, S
		Johann-Georg-Gademann-Straße 8 + 13 D-97424 Schweinfurt		
		Werner-von-Siemens-Str. 4 D-97424 Schweinfurt		
		Röntgenstraße 2 D-97424 Schweinfurt		
		Obere Weiden 12 D-97424 Schweinfurt	<ul style="list-style-type: none"> Spare part trading for motor vehicles 	S, Se

¹ 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 ¹	
Germany				
Schweinfurt	ZF Race Engineering GmbH	Ernst-Sachs-Straße 62 D-97424 Schweinfurt	<ul style="list-style-type: none"> Powertrain components for cars, Suspension components for cars 	D, P, S
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		
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
Wagenfeld	ZF Friedrichshafen AG	Dr.-Jürgen-Ulderup-Platz 1 D-49419 Wagenfeld	<ul style="list-style-type: none"> Chassis components for cars 	P
Bayreuth (Wolfsbach)	ZF Friedrichshafen AG	Am Briefzentrum 2 D-95448 Wolfsbach	<ul style="list-style-type: none"> Electronic components 	P
Witten	ZF Industrieantriebe Witten GmbH	Mannesmannstr. 29 D-58455 Witten	<ul style="list-style-type: none"> Gearboxes and transmissions for wind turbines, industrial and mobile application 	D, P, S, Se

¹ 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 ¹	
Germany				
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

¹ 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 ¹	
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
Steyr	ZF Steyr Präzisionstechnik GmbH	Schönauer Str. 5 A-4400 Steyr	<ul style="list-style-type: none"> Driveline technology and axle systems 	P, S
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				
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

¹ 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 ¹	
Great Britain				
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 B37 7GN	<ul style="list-style-type: none"> Automotive suspensions and steering components, systems and associated products 	P
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
Italy				
Arco	ZF Padova S.r.l.	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 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
Netherlands				
Krimpen	ZF Marine Krimpen B.V.	Zaag 27, NL-2931 LD Krimpen aan de Lek	<ul style="list-style-type: none"> Marine Propulsion Systems 	P

¹ 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 ¹	
Spain				
Corella	ZF AFTERMARKET IBERICA S.L.U.	Pol. Ind. Ombatillo, Calle A, Parcela 13, E- 31591 Corella	<ul style="list-style-type: none"> Disc brake pads for automotive. Commercialization of braking system components 	P, S
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
Olvega	ZF AFTERMARKET IBERICA S.L.U.	Ctra. de Agreda, s/n, E- 42110 Olvega	<ul style="list-style-type: none"> 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)	<ul style="list-style-type: none"> Pass Car, OffRoad, 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 E-28830 San Fernando de Henares (Madrid)	<ul style="list-style-type: none"> Pass Car, OffRoad, 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)	<ul style="list-style-type: none"> Pass Car, OffRoad, Marine, Rail and Commercial Vehicles. Support Office and Operations of ZF Services Espana S.L.U. (Warehouse, Purchasing, Customer Service, Sales...) 	S, Se

¹ 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 ¹	
Turkey				
Gebze	ZF Sachs Süspansiyon Sistemleri SAN. ve TIC. AS	Gebze Organize Sanayi Bölgesi 400. Sokak, Kocaeli TR-41480 Gebze	<ul style="list-style-type: none"> Shock absorbers 	D, P
		Gebze Organize Sanayi Bölgesi Şahabettin Bilgisu Caddesi No: 602 Gebze/Kocaeli		
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

¹ D = Development, P = Production, S = Sales, Se = Service

Appendix to Certificate

ZF Friedrichshafen AG

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	<ul style="list-style-type: none"> Transmissions, gearboxes and their parts 	D, P
Slovakia				
Levice	ZF Slovakia a.s.	Ulica Zeppelina 1 SK-934 01 Levice	<ul style="list-style-type: none"> Chassis components for cars Suspension components for cars 	P, S
		Ulica Zeppelina 3 SK-934 01 Levice	<ul style="list-style-type: none"> Machining of components 	P, S
		Ku Bratke 5 SK- 934 01 Levice	<ul style="list-style-type: none"> Clutch systems for passenger cars 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
Tnava	ZF Slovakia a.s.	Strojársená 2 SK-917 02 Tnava	<ul style="list-style-type: none"> Clutch systems for passenger cars, commercial vehicles and torque converters for the automotive industry Clutch facings 	D, P, S

¹ D = Development, P = Production, S = Sales, Se = Service

Appendix to Certificate

ZF Friedrichshafen AG

Locations included in the certification are as follows:

Eastern Europe				
Location	ZF-Company	Address	Scope ¹	
Czech Republic				
Klásterneec	ZF Electronic Klásterneec s.r.o.	Osvobozená 780, CZ-43151 Klásterneec nad Ohří	<ul style="list-style-type: none"> ▪ Electronic components 	P, S
Plzeň	ZF Engineering Plzeň s.r.o.	Univerzitní 1159/53 CZ-301 00 Plzeň	<ul style="list-style-type: none"> ▪ Testing of mechanical, electronic and mechatronic systems ▪ Prototypes, prototype tools and test stands. Rapid prototyping as samples, moulds and visual models 	D, P
Staňkov	ZF Stankov s.r.o.	Ohučov 25, CZ-345 61 Staňkov,	<ul style="list-style-type: none"> ▪ Axles for construction machinery ▪ Drives and transmissions for lift trucks 	P, S
Žatec	ZF Chassis Systems Žatec s. r. o.	Žatec Plant Průmyslová zóna Triangle Staňkovice CK-438 01 Žatec	<ul style="list-style-type: none"> ▪ Axles and Axle Components 	P
Serbia				
Pančevo	ZF Serbia d.o.o.	Pancevo Plant 7. Nova 7 SER-26000 Pančevo	<ul style="list-style-type: none"> ▪ Electric drives, systems for Transmission gearshifts and electronic and electromechanical components. 	D, P
Poland				
Krajków	ZF CV SYSTEMS POLAND Sp.	Ul. Logistyczna 2 PL-Krajków	<ul style="list-style-type: none"> ▪ Brake and auxiliary systems as well as spare parts for the automotive industry 	D, P
Wrocław	ZF CV SYSTEMS POLAND Sp.	Ul. Ostrowskiego 34 PL- Wrocław	<ul style="list-style-type: none"> ▪ Brake and auxiliary systems as well as spare parts for the automotive industry 	D, P
	ZF CV SYSTEMS POLAND Sp.	Ul. Kwiatkowski 2 PL- Wrocław		

¹ D = Development, P = Production, S = Sales, Se = Service

Appendix to Certificate

ZF Friedrichshafen AG

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
Findlay	ZF Active Safety Inc.	1750 Production Drive US-4580 Findlay, Ohio	<ul style="list-style-type: none"> ▪ Hydraulic and Electronic Components for a Wide Variety of Actuating, Braking and Controlling Applications. 	D, P, S
Gainesville	ZF Gainesville, LLC	1925 New Harvest Road USA-Gainesville, GA, 30507	<ul style="list-style-type: none"> ▪ Suspension component for commercial vehicles ▪ Steering component for commercial vehicle ▪ Parking brakes ▪ Transmissions ▪ Axles and axle drives 	P
		1261 Palmour Drive, SW USA-Gainesville, GA, 30501		
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
Hebron	WABCO USA LLC	845 Lindbergh Court US-41048 Hebron	<ul style="list-style-type: none"> ▪ Components for vehicle control systems for commercial vehicles. 	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
Marysville	ZF Axle Drives Marysville, LLC	2900 Busha Highway USA-Marysville, MI, 48040	<ul style="list-style-type: none"> ▪ Car Powertrain Technology including axle drives, traction modules, driveline components 	D, P, S
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
North Charleston	WABCO Compressor Manufacturing Co.	8225 Patriot Blvd USA-North Charleston	<ul style="list-style-type: none"> ▪ Brake and auxiliary systems as well as spare parts for the automotive, truck and bus industry 	D,P

¹ D = Development, P = Production, S = Sales, Se = Service

Appendix to Certificate

ZF Friedrichshafen AG

Locations included in the certification are as follows:

North America				
Location	ZF-Company	Address	Scope ¹	
United States				
Vernon Hills	ZF Services, LLC	777 Hickory Hill Drive USA-Vernon Hills, IL, 60061	▪ Spare part trading for motor vehicles	S, Se



¹ D = Development, P = Production, S = Sales, Se = Service

Appendix to Certificate

ZF Friedrichshafen AG

Locations included in the certification are as follows:

North America				
Location	ZF-Company	Address	Scope ¹	
Mexico				
Aguascalientes	ZF Chassis Technology S.A. de C.V.	CY Aguascalientes Plant Carretera Panamericana Sur Km. 112 100 Ejido Peñuelas MX-20340 Aguascalientes	<ul style="list-style-type: none"> Chassis for the automotive industry 	P
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, 45680 MEX-El Salto, C.P.	<ul style="list-style-type: none"> Suspension components for cars and CV's shock absorbers 	P
El Marques Breaking	TRW Sistemas de Frenado S. de R.L. de C.V.	El Marques Braking Lateral de la Carretera Estatal 431 Km 2+200 interior 78. Parque Tecnológico Innovación Querétaro C.P.76246, El Marqués, Querétaro	<ul style="list-style-type: none"> Braking Systems and parts for the automotive industry 	P
El Marques Steering	TRW Sistemas de Direcciones, S. de R.L. de C.V.	El Marquez Steering Avenida de las Fuentes No. 29, Parque Industrial Bernardo Quintana C.P.76246 Querétaro, Querétaro	<ul style="list-style-type: none"> Steering and assembly of components for passenger cars, light and heavy trucks and the remanufacturing of electrical steering 	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 MEX- 35024 Gómez Palacio Durango	<ul style="list-style-type: none"> Airbag modules and safety belts 	P
Juárez	ZF Electronic Systems Juarez S.A. de C.V.	Av. Valle de los Cedros Nr. 1650, Parque Industrial Intermex, CP 32690 MEX-Juárez	<ul style="list-style-type: none"> Electronic components 	P

¹ D = Development, P = Production, S = Sales, Se = Service

Appendix to Certificate

ZF Friedrichshafen AG

Locations included in the certification are as follows:

North America				
Location	ZF-Company	Address	Scope ¹	
Mexico				
Ramos Arizpe	ZF Powertrain Modules Saltillo S.A. de C.V.	Industria Metalurgica 1010-2, Parque Industrial Ramos Arizpe, 25900 MEX-Ramos Arizpe	<ul style="list-style-type: none"> ▪ Drive components for cars and CV's ▪ Torque converters ▪ Clutches 	D, P
San Luis Potosi	ZF CHASSIS MODULES TOLUCA S. DE R.L DE C.V.	CY San Luis Potosi Plant Dubai 108 Lot 605 MX-79525 San Luis Potosi	<ul style="list-style-type: none"> ▪ Chassis components for cars 	P
Santa Rosa P1 P2	FRENOS Y MECANISMOS, S. DE R.L. DE C.V.	Santa Rosa de Jáuregui Plant 1 & 2 La Griega No. 101, Parque Industrial Querétaro C.P. 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. 76620 Santa Rosa Jáuregui, Querétaro	<ul style="list-style-type: none"> ▪ Brake for cars and commercial trucks 	P
Toluca	ZF Chassis Technology S.A. de C.V.	Calle 7 Norte S/N, Manzana J, Lotes 2 y 3, Parque Industrial Toluca 2000, MX-50200 MEX-Toluca, C.P.	<ul style="list-style-type: none"> ▪ Suspension components for cars 	D, P

¹ D = Development, P = Production, S = Sales, Se = Service

Appendix to Certificate

ZF Friedrichshafen AG

Locations included in the certification are as follows:

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 Automotive Brasil Ltda.	Rua Sachs, nº 555, Anexo III, Chacara do trevos, complemento Rodovia Washington Luiz, km 271 BR-14800-655, Araraquara/SP	<ul style="list-style-type: none"> ▪ Clutch systems 	P
São Bernardo do Campo	ZF Automotive Brasil Ltda	Avenida Piraporinha, nº 1.000, Planalto, BR- 09891-901, Cidade de São Bernardo do Campo, Estado de São Paulo	<ul style="list-style-type: none"> ▪ Clutch systems and friction materials 	D, P, S
Sorocaba	ZF Automotive Brasil Ltda.	Av. Conde Zeppelin, 1935, Mezanino 1, Pavimento Superior – Ala IV BR-18103-017, Sorocaba/SP	<ul style="list-style-type: none"> ▪ Manual and automatic transmission systems, pumps and components for CV's, Off-road driveline technology, Axle systems, Tie rods, drag inks, tie rod ends, suspension ball joints, stabilizer links and torque rods, Transmissions and control systems for boats and ships 	D, P, S, Se
		Rua Doutor Jürgen Ulderup, 541, bairro Éden, BR-18103-905, Sorocaba/SP	<ul style="list-style-type: none"> ▪ Manual and automatic transmission systems, pumps and components for CV's, Off-road driveline technology, Axle systems, Tie rods, drag inks, tie rod ends, suspension ball joints, stabilizer links and torque rods, Transmissions and control systems for boats and ships 	P, S
Sumaré	ZF Automotive Brasil Ltda.	Rodovia Anhanguera, km 106 Sumaré - Sao Paulo	<ul style="list-style-type: none"> ▪ Brake and auxiliary systems as well as spare parts for the automotive industry 	D,P,S

¹ D = Development, P = Production, S = Sales, Se = Service

Appendix to Certificate

ZF Friedrichshafen AG

Locations included in the certification are as follows:

Asia Pacific				
Location	ZF-Company	Address	Scope ¹	
India				
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	<ul style="list-style-type: none"> Brake and auxiliary systems as well as spare parts for automotive applications 	P
Chennai	ZF Commercial Vehicle Control Systems India Limited (Testtrack)	Ushan nagar, Ulandai, Mappedu-602105, Tiruvallur district, Tamilnadu IND-Chennai, Tamil Nadu	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> Brake and auxiliary systems as well as spare parts for automotive applications 	P
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	<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, Maharashtra. Pune IND-410501	<ul style="list-style-type: none"> Transmissions, chassis components, clutches, services 	P, S, Se

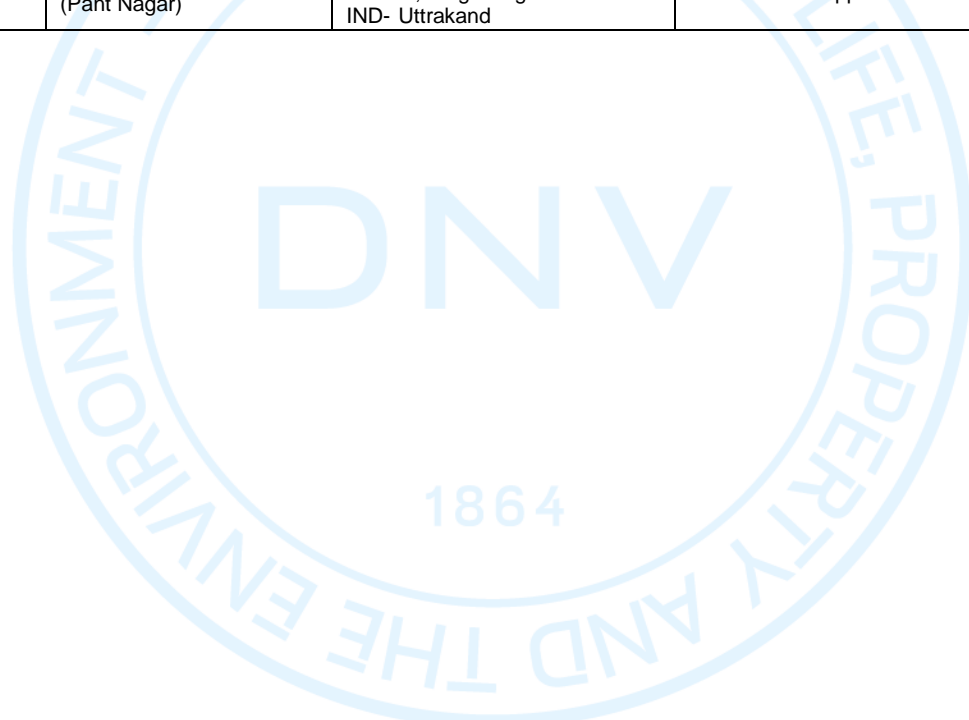
¹ D = Development, P = Production, S = Sales, Se = Service

Appendix to Certificate

ZF Friedrichshafen AG

Locations included in the certification are as follows:

Asia Pacific				
Location	ZF-Company	Address	Scope ¹	
India				
Jamshedpur	ZF Commercial Vehicle Control Systems India Limited (Jamshedpur)	Large Sector, Adityapur Industrial Area Gamharia, Seraikella IND-Kharsawan Dist., Jamshedpur	<ul style="list-style-type: none"> Brake and auxiliary systems as well as spare parts for automotive applications 	P
Uttarakand	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- Uttarakand	<ul style="list-style-type: none"> Brake and auxiliary systems as well as spare parts for automotive applications 	P



¹ D = Development, P = Production, S = Sales, Se = Service

Appendix to Certificate

ZF Friedrichshafen AG

Locations included in the certification are as follows:

Asia Pacific				
Location	ZF-Company	Address	Scope ¹	
Korea				
Changwon	ZF Sachs Korea Co. Ltd.	#173 Seong sanpaechong-ro, Seongsan-gu, Changwon-si, Gyeongsangman-do KR-51534	<ul style="list-style-type: none"> Shock absorbers and strut modules 	D, P
Gumi City	ZF Lemförder Chassis Technology Korea Co.Ltd	23B4L, Gumi National Industrial Complex4, Gupo-dong, Gumi City, Gyeongsangbuk-Do KR-730-400	<ul style="list-style-type: none"> Chassis module and system components 	D, P
Gyeonggi-do	WABCO Korea Ltd.	884-3, Eyon-ri, Chongbuk-myon; Pyongtaek-si KR-Gyeonggi-do	<ul style="list-style-type: none"> Brake Systems and components 	D,P, Se
Malaysia				
Padang	ZF Chassis Systems Sdn. Bhd.	Lot 1453, Kawasan Perindustrian, Padang Meha, Mukim Padang Meha MAL-09400, Mukim Padang Meha	<ul style="list-style-type: none"> Assembled Chassis Systems (Complete Front & Rear Axle) 	P
Taiwan				
Kaohsiung City	ZF Faster Propulsion System Co., Ltd.	17, Dayou 1st street, Dafa Industrial District Daliao District Kaohsiung City R.O.C.	<ul style="list-style-type: none"> Propeller Shaft for propeller 	D, P
Thailand				
Rayong	ZF CV Solutions (Thailand) Limited	64/66 Eastern Seaboard Industrial Estate (Rayong) Moo 4, T. Pluak Daeng, A. Pluak Daeng, TH-21140 Rayong	<ul style="list-style-type: none"> Brake and Auxiliary Systems as well as Spare Parts 	P

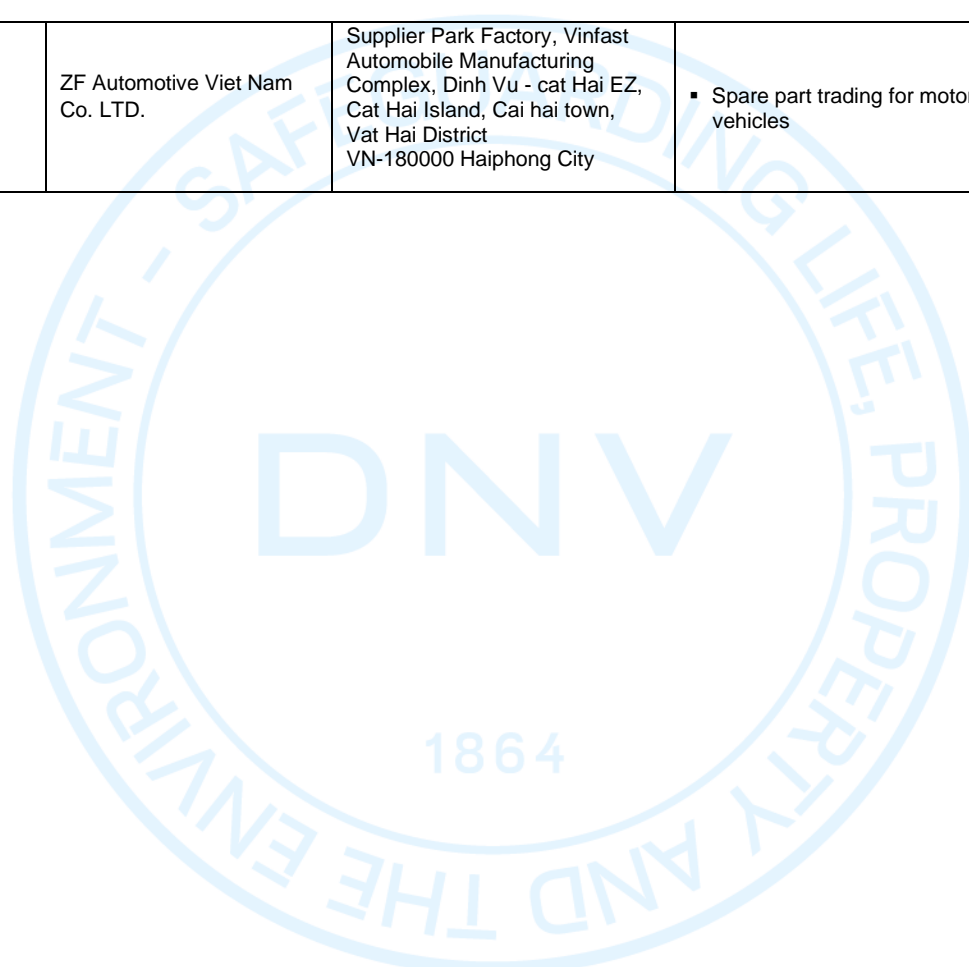
¹ D = Development, P = Production, S = Sales, Se = Service

Appendix to Certificate

ZF Friedrichshafen AG

Locations included in the certification are as follows:

Asia Pacific				
Location	ZF-Company	Address	Scope ¹	
Vietnam				
Hai Phong	ZF Automotive Viet Nam Co. LTD.	Supplier Park Factory, Vinfast Automobile Manufacturing Complex, Dinh Vu - cat Hai EZ, Cat Hai Island, Cai hai town, Vat Hai District VN-180000 Haiphong City	<ul style="list-style-type: none"> Spare part trading for motor vehicles 	S, Se



¹ D = Development, P = Production, S = Sales, Se = Service