

# MANAGEMENT SYSTEM CERTIFICATE

Certificate No.:  
129398-2013-AE-GER-DAkKS

Initial date:  
03.May 2006

Valid:  
01. January 2018 – 31. December 2021

Belongs to Certificate No.:  
129399-2013-AE-GER-DAkKS  
215991-2017-AE-GER-DAkKS

This is to certify that the management system of



## ZF Friedrichshafen AG

Löwentaler Straße 20, 88046 Friedrichshafen - Germany

and the sites as mentioned in the Appendix accompanying this Certificate

has been found to conform to 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:  
Essen, 07. September 2018



For the Accredited Unit:  
**DNV GL Business Assurance Zertifizierung  
und Umweltgutachter GmbH**

A handwritten signature in blue ink, appearing to read 'Thomas Beck'.

**Thomas Beck**  
Technical Manager

## Appendix to Certificate

Locations included in the certification are as follows:

<b>Western Europe</b>				
<b>Location</b>	<b>ZF-Company</b>	<b>Address</b>	<b>Scope<sup>1</sup></b>	
<b>Germany</b>				
Alsdorf	GAT-Gesellschaft für Antriebstechnik mbH	Konrad-Zuse-Straße 3 D-52477 Alsdorf	▪ Powertrain components for cars	D, P
Auerbach	ZF Friedrichshafen AG	Cherrystraße 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, S
Brandenburg	ZF Getriebe Brandenburg GmbH	Caasmannstraße 9 D-14770 Brandenburg	▪ Manual transmissions for cars	D, P, S
Calden/Kassel	ZF Luftfahrttechnik GmbH	Flughafen Kassel D-34379 Calden	▪ Transmissions for helicopters	D, P, S, Se
Damme	ZF Friedrichshafen AG	Dr.-Jürgen-Ulдерup-Platz 1 D-49401 Damme	▪ Chassis components for cars	P
Diepholz	ZF Friedrichshafen AG	Siemensstraße 4 D-49356 Diepholz	▪ Components for transmission gearshifts for cars and commercial vehicles	P
		Dr.-Jürgen-Ulдерup-Straße 11 D-49356 Diepholz	▪ Chassis components for cars	P
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

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<b>Western Europe</b>				
<b>Location</b>	<b>ZF-Company</b>	<b>Address</b>	<b>Scope<sup>1</sup></b>	
<b>Germany</b>				
Friedrichshafen	ZF Friedrichshafen AG	Graf-von-Soden-Platz 1 D-88046 Friedrichshafen	▪ Corporate research and development	D
		Graf-von-Soden-Platz 1 D-88046 Friedrichshafen	▪ Automatic transmissions for cars	D
		Ehlersstraße 50 D-88038 Friedrichshafen  Alfred-Colsmann-Platz 1 D-88045 Friedrichshafen	▪ Manual and automatic transmissions for commercial vehicles ▪ Rail vehicle drives ▪ Industrial drives and elevator gearboxe	D, P, S, Se
		Ehlersstraße 50 D-88038 Friedrichshafen	▪ Transmissions, propellers and control systems for boats and ships	D, P, S
Gotha	ZF Friedrichshafen AG	Passauer Straße 1 D-99867 Gotha	▪ Axle drive systems for automobile industry	P, S
Kressbronn	ZF Friedrichshafen AG	Argenstraße 30 D-88079 Kressbronn	▪ Manual, automatic and continuously variable transmissions for cars	D
Kreuztal	ZF Friedrichshafen AG	Langenauer Straße 18 D-57223 Kreuztal	▪ Chassis components for cars	P
Lemförde	ZF Friedrichshafen AG	Alter Bahndamm 12 D-49448 Lemförde	▪ Chassis components for cars	D, P, S
Nürnberg	ZF Gusstechnologie	Nopitschstraße 71 (Werk 1) Industriestraße 36 D-90441 Nürnberg	▪ Casting products in aluminium and magnesium with foundry for high-pressure die casting and NC machining	D, P, S
Passau	ZF Friedrichshafen AG	Donaustraße 25-71 D-94034 Passau Tittlinger Straße 28 D-94034 Passau	▪ Off-road driveline technology ▪ Axle systems ▪ Transmission systems for stacking systems	D, P, S, Se

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<b>Germany</b>				
Saarbrücken	ZF Friedrichshafen AG	Südring D-66117 Saarbrücken Am Heidenhübel 22 D-66539 Neunkirchen Hans-Großwendt Ring 19 D-66333 Völklingen Großblittersdorfer Str. 247 D-66117 Saarbrücken	<ul style="list-style-type: none"> <li>Automatic transmissions for cars</li> </ul>	D, P, S, Se
Saarbrücken	ZF Friedrichshafen AG	Untertürkheimer Str. 4-5 D-66117 Saarbrücken	<ul style="list-style-type: none"> <li>Automatic transmissions for cars</li> </ul>	D, P, S
Saarbrücken	ZF Friedrichshafen AG	Metzer Str. 160 D-66117 Saarbrücken	<ul style="list-style-type: none"> <li>Automatic transmissions for cars</li> </ul>	Se
Schweinfurt	ZF Friedrichshafen AG	Ernst-Sachs-Straße 62 D-97424 Schweinfurt Röntgenstraße 2 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
		Obere Weiden 12 D-97424 Schweinfurt	<ul style="list-style-type: none"> <li>Spare part trading for motor vehicles</li> </ul>	S, Se
Schweinfurt	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	Dr.-Jürgen-Ulderup-Straße 7 D-32352 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
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

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<b>ZF-Company</b>	<b>Address</b>	<b>Scope<sup>1</sup></b>	
<b>Germany</b>			
ZF Friedrichshafen AG	Blomberger Weg 4F D-13437 Berlin	▪ Services for motor vehicles	Se
ZF Friedrichshafen AG	Werner-von Siemens-Straße 35 D-64319 Pfungstadt	▪ Services for motor vehicles	Se
ZF Friedrichshafen AG	Vincenz-Wiederholt-Str. 10 D-59439 Holzwickede	▪ Services for motor vehicles and wind turbine	Se
ZF Friedrichshafen AG	Ringstraße 6 D-01468 Moritzburg	▪ Services for motor vehicles	Se
ZF Friedrichshafen AG	Gewerbeviertel 4 D-04420 Markranstädt	▪ Services for motor vehicles	Se
ZF Friedrichshafen AG	Körbelitzer Straße 3a D-39126 Magdeburg	▪ Services for motor vehicles	Se
ZF Friedrichshafen AG	Rehwinkel 5 D-32457 Porta Westfalica	▪ Services for motor vehicles	Se
ZF Friedrichshafen AG	Robert-Bosch-Straße 6 D-73660 Urbach	▪ Services for motor vehicles	Se
ZF Friedrichshafen AG	Obere Weiden 12 D-97424 Schweinfurt	▪ Services for motor vehicles	Se
ZF Friedrichshafen AG	Borgwardstraße 16 28279 Bremen	▪ Spare part trading for motor vehicles ZF Services	Se, S

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<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
	ZF Steyr Ges.m.b.H. & Co. KG	Schönauer Str. 5 A-4400 Steyr	▪ Driveline technology and axle systems	P, S
<b>Belgium</b>				
Lommel	ZF Windpower Antwerpen NV	Gerard Mercatorstraat 40, B-3920 Lommel	▪ Wind gear units	D, P, Se
<b>France</b>				
Bouthéon	ZF Bouthéon S. A. S	4, Bld Pierre Desgranges F-42166 Andrézieux- Bouthéon Cedex	▪ Gearboxes	P
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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<b>Location</b>	<b>ZF-Company</b>	<b>Address</b>	<b>Scope<sup>1</sup></b>	
<b>Great Britain</b>				
Crick	ZF Services UK Ltd.	Eldon Way Crick Industrial Estate Northamptonshire UK-Crick NN6 7SL Crick	<ul style="list-style-type: none"> <li>Spare part trading for motor vehicles</li> </ul>	S
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>	D, P
Nottingham	ZF Services UK Ltd.	Abbeyfield Road Lenton UK-Nottingham NG7 2SX	<ul style="list-style-type: none"> <li>Products and spare parts for transmission, axles and steering technology sectors</li> </ul>	S, Se
Solihull	ZF Lemforder UK Ltd.	Birmingham International Park Starley Way, Bickenhill UK-Solihull, West Midlands B37 7GN	<ul style="list-style-type: none"> <li>Automotive suspensions and steering components, systems and associated products</li> </ul>	D, P
<b>Italy</b>				
Arco	ZF Marine Arco S.p.A.	Via S. Andrea, 16, I-3862 Arco	<ul style="list-style-type: none"> <li>Marine transmissions through the steps of machining, heat treatment, assembly, painting</li> </ul>	D, P
Candiolo	ZF Sachs Italia S.p.A.	Via Sestriere, 28/2 - Candiolo 10060 Candiolo (Torino)	<ul style="list-style-type: none"> <li>Motorbikes shock absorbers</li> </ul>	D, P, S
Padova	ZF Padova s.r.l.	Via Penghe, 48 Caselle die Selvazzanon I-35030 Padova	<ul style="list-style-type: none"> <li>Marine transmissions through the steps of machining, heat treatment, assembly, painting</li> </ul>	D, P
<b>Netherlands</b>				
Krimpen	ZF Marine Krimpen B.V.	Zaag 27 NL-2931 LD Krimpen aan de Lek	<ul style="list-style-type: none"> <li>Marine Propulsion Systems</li> </ul>	P

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<b>Spain</b>				
Coslada	ZF Services España, S.A.U.	Avenida Fuentemar, 11 E-28823 Coslada (Madrid)	<ul style="list-style-type: none"> <li>▪ Products and spare parts for transmission,</li> <li>▪ axles and steering technology</li> </ul>	S, Se
Ermua	ZF Lemförder TVA, S.A.	Zeharkalea, S/N E-48260 Ermua (Vizcaya)	<ul style="list-style-type: none"> <li>▪ Suspension ball joints, axial ball joints</li> <li>▪ Suspension arms and tie rods</li> </ul>	D, P
Lezama	ZF Sachs España, S.A. Unipersonal	Bo Aretxalde, 130 E-48196 Lezama	<ul style="list-style-type: none"> <li>▪ Suspension components for cars</li> <li>▪ Shock absorbers</li> </ul>	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"> <li>▪ Administration and customer service</li> </ul>	S
San Fernando de Henares	ZF Services España, S.A.U.	Avenida de Castilla, 53 – 55 Nave 4 E-28830 San Fernando de Henares (Madrid)	<ul style="list-style-type: none"> <li>▪ Wind turbine and rail market</li> </ul>	S, Se
Vitoria	ZF Services España, S.A.U.	C/ Ollamendi, 5 CTV (Júndiz) E-01015 Vitoria (Álava)	<ul style="list-style-type: none"> <li>▪ Spare part trading for motor vehicles</li> </ul>	S
<b>Turkey</b>				
Gebze	ZF Sachs Süspansiyon Sistemleri SAN. ve TIC. AS:	Gebze Organize Sanayi Bölgesi 400. Sokak TR-41480 Gebze, Kocaeli	<ul style="list-style-type: none"> <li>▪ Shock absorbers</li> </ul>	D, P
Izmir	ZF Lemforder AKS Modulleri SAN. ve TIC. A.S.	Atatürk Organize Sanayi Bölgesi 10003 SK. NO:13 TR-Cigli-Izmir	<ul style="list-style-type: none"> <li>▪ Ball joints, ball joint shafts</li> <li>▪ Axle torque rods, tie rods, drag links, wheel control arms</li> <li>▪ Steering and suspension systems for passenger cars and commercial vehicles</li> </ul>	D, P

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<b>Eastern Europe</b>				
<b>Location</b>	<b>ZF-Company</b>	<b>Address</b>	<b>Scope<sup>1</sup></b>	
<b>Hungary</b>				
Eger	ZF Hungária Kft.	Kistályai út 2, 2/a 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 Ulica Zeppelina 3 SK-934 01 Levice	<ul style="list-style-type: none"> <li>▪ Clutch systems for passenger cars and commercial vehicles</li> <li>▪ Torque converters for automotive industry</li> <li>▪ Clutch facings</li> </ul>	P
		Ku Bratke 5 SK- 934 01 Levice	<ul style="list-style-type: none"> <li>▪ Suspension components for cars</li> </ul>	P
Trnava	ZF Slovakia a.s.	Strojársená 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
<b>Czech Republic</b>				
Klásterec	ZF Electronic Klásterec s.r.o.	Osvobozená 780 CZ-43151 Klásterec nad Ohří	<ul style="list-style-type: none"> <li>▪ Electronic components</li> </ul>	P, S
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
<b>Russia</b>				
Chelny	OOO ZF Kamaz	Pr. Avtozavodsky, 2 RUS-423827 Naberezhnye Chelny	<ul style="list-style-type: none"> <li>▪ Gearboxes for trucks</li> </ul>	P

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<b>North America</b>				
<b>Location</b>	<b>ZF-Company</b>	<b>Address</b>	<b>Scope<sup>1</sup></b>	
<b>United States</b>				
Chicago	ZF Chassis Systems Chicago, LLC	3400 East 126 <sup>th</sup> Street, USA-Chicago, IL 60633	<ul style="list-style-type: none"> <li>▪ Axles and axle drives for cars</li> <li>▪ Corner modules for cars</li> </ul>	D, P
Duncan	ZF Chassis Systems Duncan, LLC	191 Parkway West, USA-Duncan, SC 29334	<ul style="list-style-type: none"> <li>▪ Axles and axle drives for cars</li> <li>▪ Corner modules for cars</li> </ul>	P
Gainesville	ZF Gainesville, LLC	1261 Palmour Drive, SW USA-Gainesville, GA 30501	<ul style="list-style-type: none"> <li>▪ Parking brakes</li> <li>▪ Transmissions</li> <li>▪ Axles and axle drives</li> <li>▪ Wind turbine</li> </ul>	P
Gray Court	ZF Transmissions Gray Court, LLC	2846 North Old Laurens Road USA-Gray Court, SC 29645	<ul style="list-style-type: none"> <li>▪ Automatic transmissions for cars</li> </ul>	P
Lapeer	ZF Chassis Components, LLC	3300 John Conley Drive, USA-Lapeer, MI 48446	<ul style="list-style-type: none"> <li>▪ Chassis components for cars</li> <li>▪ Control arms</li> <li>▪ Suspension parts and engine components</li> </ul>	P
Marysville	ZF Axle Drives Marysville, LLC	2900 Busha Highway, USA-Marysville, MI 48040	<ul style="list-style-type: none"> <li>▪ Car Powertrain Technology including axle drives, traction modules, driveline components</li> </ul>	D, P, S
Newton	ZF Chassis Components, LLC	1570 East P Street Extension, USA-Newton, NC 28658	<ul style="list-style-type: none"> <li>▪ Suspension components for cars</li> </ul>	P
Tuscaloosa	ZF Chassis Systems Tuscaloosa, LLC	1200 Commerce Drive, USA-Tuscaloosa, AL 35401	<ul style="list-style-type: none"> <li>▪ Axles and axle drives for cars</li> <li>▪ Corner modules for cars</li> </ul>	P
Vernon Hills	ZF Services, LLC	777 Hickory Hill Drive, USA-Vernon Hills, IL 60061	<ul style="list-style-type: none"> <li>▪ Spare part trading for motor vehicles</li> </ul>	S, Se

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<b>Location</b>	<b>ZF-Company</b>	<b>Address</b>	<b>Scope<sup>1</sup></b>	
<b>Mexico</b>				
El Salto	ZF Sachs Suspension México 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"> <li>▪ Suspension components for cars and CV's</li> <li>▪ Shock absorbers</li> </ul>	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"> <li>▪ Electronic components</li> </ul>	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"> <li>▪ Drive components for cars and CV's</li> <li>▪ Torque converters</li> <li>▪ Clutches</li> </ul>	D, P
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	<ul style="list-style-type: none"> <li>▪ Suspension components for cars</li> </ul>	D, P

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<b>South America</b>				
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<b>Argentina</b>				
San Francisco	ZF Argentina S.A.	Av. de la Universidad, 51 RA-2400 San Francisco/CBA	<ul style="list-style-type: none"> <li>▪ Suspension components for cars and CV's:</li> <li>▪ Shock absorbers</li> </ul>	D, P, S
<b>Brazil</b>				
Araraquara	ZF do Brasil Ltda.	Rua Sachs, 555 BR-14800-655 Araraquara/SP	<ul style="list-style-type: none"> <li>▪ Clutch systems</li> </ul>	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"> <li>▪ Clutch systems and friction materials</li> </ul>	D, P, S
Sorocaba	ZF do Brasil Ltda.	Av. Conde Zeppelin, 1935 BR-18103-905, Sorocaba/SP	<ul style="list-style-type: none"> <li>▪ 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</li> </ul>	D, P, S, Se
Sorocaba	ZF do Brasil Ltda.	Rua Doutor Jürgen Ulderup, 541 BR-18103-017, Sorocaba/SP	<ul style="list-style-type: none"> <li>▪ 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</li> </ul>	P, S

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Asia Pacific				
China				
Location	ZF-Company	Address	Scope <sup>1</sup>	
Beijing	ZF Chassis Systems (Beijing) Co., Ltd,	No.1 Xinghai 1st Street, Beijing Economic-Technological Development Area (BDA), CN-100176 Beijing, China	<ul style="list-style-type: none"> <li>▪ Passenger car chassis systems</li> <li>▪ Passenger car chassis components</li> </ul>	D, P
Beijing	ZF Powertrain Systems (Beijing) Co., Ltd.	No.2 Taihe Yijie Beijing Economic –Technological Development Area, CN-100176 Beijing, China	<ul style="list-style-type: none"> <li>▪ Wind power gearboxe, rail way transit, tire testing system, off-highway gearbox and powertrain control</li> </ul>	D, P, S, Se
Changchun	ZF Fawer Chassis Technology (Changchun) Co., Ltd.	No.5000 Dong Nan Hu Road CN-130012 Changchun, Jilin, China	<ul style="list-style-type: none"> <li>▪ Passenger car chassis systems</li> <li>▪ Passenger car chassis components</li> </ul>	D, P
Hangzhou	ZF Drivetech (Hangzhou) Co., Ltd.	No. 9 Chunhui Road, Xiaoshan Economic & Technological Development Zone, CN-311231 Hangzhou, China	<ul style="list-style-type: none"> <li>▪ Transmissions, chassis and steering systems</li> </ul>	D, P, S, Se
Liuzhou	Liuzhou ZF Machinery Co. Ltd	No. 143 Heping Road, Liuzhou, Guangxi Province CN-545007, China	<ul style="list-style-type: none"> <li>▪ Transmissions, axles and their components and parts for vehicles, commercial vehicles, machinery and marine vehicles, lease of plant and facilities, consulting, service outsourcing</li> </ul>	P, S, Se
Shanghai	ZF Transmissions Shanghai Co., Ltd.	649 Huiwang Road, Jiading District, CN-201807 Shanghai, China	<ul style="list-style-type: none"> <li>▪ Automatic transmissions for cars</li> </ul>	P
Shanghai	ZF Chassistech Commercial Vehicles (Shanghai) Co., Ltd.	1088 North Huancheng Road Fengxian District CN-201401 Shanghai, China	<ul style="list-style-type: none"> <li>▪ Commercial vehicle suspensions</li> <li>▪ Steering modules</li> </ul>	P
Shanghai	ZF Lemforder Shanghai Chassistech Co., Ltd.	1088 North Huancheng Road Fengxian District CN-201401 Shanghai, China	<ul style="list-style-type: none"> <li>▪ Modules and parts of automotive steering and suspension systems</li> </ul>	D, P
Shanghai	Sachs Automotive Components & Systems Shanghai Co., Ltd.	NO. 4440, Yuanjiang Rd Minghang District CN-201111 Shanghai, China	<ul style="list-style-type: none"> <li>▪ Absorbers for automotive and railway</li> <li>▪ Clutches for the Automotive Industry</li> </ul>	D, P
Shanghai	Shanghai Sachs Huizhong Shock Absorber Co., Ltd.	280 Shenwang Road Xinzhuang Industrial Zone CN-201108 Shanghai, China	<ul style="list-style-type: none"> <li>▪ Shock absorber</li> </ul>	D, P, S
Shanghai	ZF Powertrain Modules Shanghai Co., Ltd.	Building 5-10, No.1835 Middle Jiasong Road, Huaxin Town, Qingpu District, CN-Shanghai, China	<ul style="list-style-type: none"> <li>▪ Dual Mass Flywheel, Manufacturing of Industrial Torque Converter</li> </ul>	D, P, S

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Asia Pacific				
China				
Location	ZF-Company	Address	Scope <sup>1</sup>	
Shenyang	Shanghai Sachs Huizhong Shock Absorber Co., Ltd Shenyang Branch	No.2 Xuansheng. 3rd. Road, Dadong District, Shenyang City, CN-110045, China	▪ Shock absorber	P
Shenyang	ZF Lemforder Automotive Systems (Shenyang) Co., Ltd.	No. 8A-3, Kaifa Avenue, Shenyang Economic & Technological Development Zone, CN-110141 Shenyang, China	▪ Systems and modules for business units Axle Drive and Electronic Systems	P
Shenyang	ZF Lemforder Automotive Systems (Shenyang) Co., Ltd. Shenbei Branch	No18, Puping Road, Shenyang Shenbei new district, CN-110122 Shenyang, China	▪ Systems and modules for business unit Chassis Systems	P
Shiyan	ZF Dongfeng Shock Absorber Shiyan Co., Ltd.	Bailang High-Tech Industrial Development Zone, No. 49 Bailang East Road, Shiyan, Hubei Province, CN-442013 Shiyan, China	▪ Shock absorber	D, P, S, Se
Suzhou	ZF Drivtech (Suzhou) Co. Ltd.	No.18 Bai He Street, CN-215021 Suzhou / Jiang Su, China	▪ Transmission, axle and steering systems for bus & coach	D, S, Se
Tianjin	ZF Wind Power (Tianjin) Co., Ltd.	No. 78 Gaoxin Avenue BeiChen Hi-tech Industrial Park CN-300402 Tianjin, China	▪ Transmission systems	D, P, S, Se
Zhuhai	ZF Electronics (Zhuhai) Co., Ltd.	No. 1 Luyuan Road Nanping S & T Industrial Park, Guangdong Province CN-519060 Zhuhai, China	▪ Switches and sensors	P

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



## Appendix to Certificate

Locations included in the certification are as follows:

<b>Asia Pacific</b>				
<b>Korea</b>				
<b>Location</b>	<b>ZF-Company</b>	<b>Address</b>	<b>Scope<sup>1</sup></b>	
<b>Korea</b>				
Changwon	ZF Sachs Korea Co. Ltd.	#173 Seongsanpaechong-ro, Seongsan-gu, Changwon-si, Gyeongsangnam-do 51534	<ul style="list-style-type: none"> <li>Shock absorbers and strut modules</li> </ul>	D, P
Gumi City	ZF Lemförder Chassis Technology Korea Co.Ltd	23B4L, Gumi National Industrial Complex 4, Gupo-Dong, Gumi City Gyeongsangbuk-Do 730-400	<ul style="list-style-type: none"> <li>Chassis module and system components</li> </ul>	D, P
<b>Malaysia</b>				
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"> <li>Assembled Chassis Systems (Complete Front &amp; Rear Axle).</li> </ul>	P
<b>Taiwan</b>				
Kaohsiung City	ZF Faster Propulsion System Co., Ltd.	17, Dayou 1 <sup>st</sup> street, 18, Dayou 3 <sup>rd</sup> Street, Dafa Industrial District, Daliao District, Kaohsiung City, Taiwan, R.O.C.	<ul style="list-style-type: none"> <li>Propeller</li> <li>Shaft for propeller</li> </ul>	D, P
<b>Thailand</b>				
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"> <li>Assembly of modules and systems for wheel location and suspension</li> </ul>	P
<b>India</b>				
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"> <li>Gear boxes, transmissions &amp; axles</li> <li>Wind turbines</li> </ul>	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"> <li>Transmissions, chassis components, clutches, services</li> </ul>	P, S, Se

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

## Appendix to Certificate

Locations included in the certification are as follows:

<b>Australia</b>				
<b>Location</b>	<b>ZF-Company</b>	<b>Address</b>	<b>Scope<sup>1</sup></b>	
Edinburgh	ZF Lemforder Australia Pty. Ltd.	35 Woomera Road AUS-5111 Edinburgh, South Australia	▪ Automotive axles, suspensions and steering systems	P

<b>South Africa</b>				
<b>Location</b>	<b>ZF-Company</b>	<b>Address</b>	<b>Scope<sup>1</sup></b>	
Roslyn	ZF Lemförder SA (Pty.) LTD	120 Doreen Avenue, Extension 1, SA-0200 Roslyn	▪ Axles	P

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