

MANAGEMENT SYSTEM CERTIFICATE

Certificate No.:
145952-2013-AE-GER-DAkKS

Initial date:
27. November 2013

Valid:
01. January 2019 – 20. August 2021

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 50001:2011

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 does not include all processes and assets under the company's control at the certified sites. Excluded are: Company cars with private use.

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

Place and date:
Essen, 17. December 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

Certificate No.: 145952-2013-AE-GER-DAkKS
Place and date: Essen, 17. December 2018

Appendix to Certificate

Locations included in the certification are as follows:

Western Europe				
Location	ZF-Company	Address	Scope¹	
Germany				
Alsdorf	GAT Gesellschaft für Antriebstechnik	Konrad-Zuse-Straße 3 D-52477 Alsdorf	<ul style="list-style-type: none"> Powertrain components for cars 	D, P
		Joseph-von-Fraunhofer-Straße 3b, D-52477 Alsdorf		
Auerbach	ZF Friedrichshafen AG	Cherrystraße D-91275 Auerbach	<ul style="list-style-type: none"> Electronic components Catering and other Food Service Activities 	D, P, S
	ZF Gastronomie Service GmbH			
Bad Neuenahr-Ahrweiler	ZF Friedrichshafen AG	Max-Planck-Straße 17 D-53474 Bad Neuenahr-Ahrweiler	<ul style="list-style-type: none"> Suspension components for cars 	P
Bielefeld	ZF Friedrichshafen AG	Windelsbleicher Straße 80 D-33647 Bielefeld	<ul style="list-style-type: none"> Powertrain components for cars and commercial vehicles 	P
Brandenburg	ZF Getriebe Brandenburg GmbH	Caasmannstraße 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		
Damme	ZF Friedrichshafen AG	Dr.-Jürgen-Ulderup-Platz 1 D-49401 Damme	<ul style="list-style-type: none"> Chassis components for cars 	P
Diepholz	ZF Friedrichshafen AG	Siemensstraße 4 + 7 D-49356 Diepholz	<ul style="list-style-type: none"> Components for transmission gearshifts for cars and commercial vehicles 	D, P, S
		Dr.-Jürgen-Ulderup-Str. 11 D-49356 Diepholz		
Eitorf	ZF Friedrichshafen AG	Bogestraße 50 D-53783 Eitorf	<ul style="list-style-type: none"> Suspension components for cars and rail vehicles 	D, P, S
Espelkamp	Lemförder Electronic GmbH	Von dem Bussche-Münch-Straße 12 D-32339 Espelkamp	<ul style="list-style-type: none"> Electric and electronic systems 	D, P, S

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

Certificate No.: 145952-2013-AE-GER-DAkKS
Place and date: Essen, 17. December 2018

Appendix to Certificate

Locations included in the certification are as follows:

Western Europe				
Location	ZF-Company	Address	Scope¹	
Germany				
Friedrichshafen	ZF Friedrichshafen AG	Graf-von-Soden-Platz 1 D-88046 Friedrichshafen	<ul style="list-style-type: none"> Corporate research and development 	D
		Aistegstraße 39 D-88046 Friedrichshafen		
		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 	D, P, S
	<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	
	ZF Gastronomie Service GmbH	Ehlersstraße 50 D- 88046 Friedrichshafen	<ul style="list-style-type: none"> Catering and other Food Service Activities 	
Gotha	ZF Friedrichshafen AG	Passauer Straße 1 D-99867 Gotha	<ul style="list-style-type: none"> Axle drive systems for automobile industry 	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, S

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

Certificate No.: 145952-2013-AE-GER-DAkKS
Place and date: Essen, 17. December 2018

Appendix to Certificate

Locations included in the certification are as follows:

Western Europe				
Location	ZF-Company	Address	Scope¹	
Germany				
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		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		
	ZF Gastronomie Service GmbH	Tittlinger Straße 28 D-94034 Passau	<ul style="list-style-type: none"> ▪ Catering and other Food Service Activities 	
Saarbrücken	ZF Friedrichshafen AG	Untertürkheimer Str. 4-5 + 12 + 33 D-66117 Saarbrücken	<ul style="list-style-type: none"> ▪ Automatic transmissions for cars 	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 22 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-Str. 8 + 13 D-97424 Schweinfurt		
		Werner-von-Siemens-Str. 4 D-97424 Schweinfurt		

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

Certificate No.: 145952-2013-AE-GER-DAkKS
Place and date: Essen, 17. December 2018

Appendix to Certificate

Locations included in the certification are as follows:

Western Europe				
Location	ZF-Company	Address	Scope¹	
Germany				
Schweinfurt	ZF Friedrichshafen AG	Röntgenstraße 2 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
		Obere Weiden 12 D-97424 Schweinfurt	<ul style="list-style-type: none"> ▪ Spare part trading for motor vehicles 	S, Se
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, S
		Dielinger Straße 60, D-32351 Stemwede-Dielingen		
		Dr.-Jürgen-Ulderup-Straße 7 D-32352 Stemwede-Dielingen		
	ZF Gastronomie Service GmbH	Dr.-Jürgen-Ulderup-Straße 7 D-32352 Stemwede-Dielingen	<ul style="list-style-type: none"> ▪ Catering and other Food Service Activities 	
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

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

Certificate No.: 145952-2013-AE-GER-DAkKS
Place and date: Essen, 17. December 2018

Appendix to Certificate

Locations included in the certification are as follows:

Western Europe				
Location	ZF-Company	Address	Scope¹	
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
Markranstädt	ZF Friedrichshafen AG	Gewerbeviertel 4 D-04420 Markranstädt	▪ 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
Austria				
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	▪ Production and sales of driveline technology and axle systems	P, S
	ZF Steyr Ges.m.b.H. & Co. KG			
France				
Bouthéon	ZF Bouthéon S. A. S	4, Bld Pierre Desgranges F-42166 Andrézieux-Bouthéon Cedex	▪ Production of gearboxes	P

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

Certificate No.: 145952-2013-AE-GER-DAkKS
Place and date: Essen, 17. December 2018

Appendix to Certificate

Locations included in the certification are as follows:

Western Europe				
Location	ZF-Company	Address	Scope¹	
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 	D, P
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 	D, P
Czech Republic				
Klásterec	ZF Electronic Klásterec s.r.o.	Osvobozená 780 CZ-43151 Klásterec nad Ohri	<ul style="list-style-type: none"> Electronic components 	P
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
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
Trnava	ZF Slovakia a.s.	Strojársená 2 SK-917 02 Trnava	<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

Certificate No.: 145952-2013-AE-GER-DAkKS
 Place and date: Essen, 17. December 2018

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 D66482 Zweibrücken
4	ZF Friedrichshafen AG	Reessingstraße 4 D-49356 Diepholz

