



**Declaration of the installation for incomplete machines** in accordance with EG-Directive 2006/42/EG, Appendix II, 1B

Manufacturer: <b>MAN Truck &amp; Bus AG, Vogelweiherstraße 33, 90441 Nürnberg (Germany)</b>		
Product:		
Product designation:	<input type="checkbox"/> Diesel engine	<input checked="" type="checkbox"/> Otto gas engine
Type:		
Engine No.:		
Order No. :		

The manufacturer declares, that the above named product is an incomplete machine in the meaning of the machine directive. The product is intended exclusively for installation in a machine or incomplete machine and therefore does not yet satisfy all the requirements of the machine directive.




The list of the applied and adhered to basic requirements of the machine directive for this product are given in the attachment to this declaration.

The special technical documents in accordance with Appendix VII Part B have been prepared. The person authorized to undertake the compilation of the special technical documentation is obliged to convey the documentation on justified demand to local authorities. The communication takes place by post in paper form or on electronic data carriers.

The commissioning of the incomplete machine is forbidden until it has been established, that the machine, in which the above named product is to be installed, satisfies all the standard requirements of the machine directive.

The above named product satisfies the requirements of the following current directives:	
<input checked="" type="checkbox"/> Machine directive 2006/42/EG	<input type="checkbox"/> EMC Directive 2004/108/EG
<input type="checkbox"/> Low voltage directive 2006/95/EG	<input type="checkbox"/> Pressure equipment 97/23/EG
<input type="checkbox"/> Equipment and protective systems for areas endangered by explosion 94/9/EG	<input type="checkbox"/> Gas consumption devices 90/396/EWG

Authorized person, for the compilation and communication of the special technical documents:  
**MAN Truck & Bus AG, Vogelweiherstraße 33, 90441 Nürnberg (Deutschland)**

Nürnberg,		
 ..... Dipl.-Ing. Thomas Nickels, EP Development Manager Powertrain	 ppa. Dr. Dilling ..... Dr.-Ing. Ulrich Dilling, PM Works management, Nurnberg	 ..... Reiner Roessner, SE Manager, Marketing of engines and components



# Attachment to the EG-Declaration of Installation

Number Appendix I	Description	Satisfied	Remarks
1.	<b>Fundamental health and safety requirements</b>		
1.1.2.	Basis for the integration of safety	<input checked="" type="checkbox"/>	
1.1.3.	Materials and Products	<input checked="" type="checkbox"/>	
1.1.4.	Lighting	<input type="checkbox"/>	
1.1.5.	Construction of the machine with regard to handling	<input checked="" type="checkbox"/>	
1.1.6.	Ergonomics	<input checked="" type="checkbox"/>	
1.1.7.	Operating positions	<input type="checkbox"/>	
1.1.8.	Seats	<input type="checkbox"/>	
1.2.	Controls and command devices	<input type="checkbox"/>	
1.2.1.	Safety and reliability of controls	<input type="checkbox"/>	
1.2.2.	Operating elements	<input type="checkbox"/>	
1.2.3.	Setting into operation	<input type="checkbox"/>	
1.2.4.	Shutdown	<input type="checkbox"/>	
1.2.4.1.	Normal shutdown	<input type="checkbox"/>	
1.2.4.2.	Operationally-conditioned shutdown	<input type="checkbox"/>	
1.2.4.3.	Shutdown in Emergency	<input type="checkbox"/>	
1.2.4.4.	Totality of machines	<input type="checkbox"/>	
1.2.5.	Selection of the control and operating modes	<input type="checkbox"/>	
1.2.6.	Failure of power supply	<input checked="" type="checkbox"/>	
1.3.	Protective measures against mechanical dangers	<input type="checkbox"/>	
1.3.1.	Risk of toppling	<input checked="" type="checkbox"/>	
1.3.2.	Risk of fracture during operation	<input checked="" type="checkbox"/>	
1.3.3.	Risks due to falling or impacted objects	<input checked="" type="checkbox"/>	
1.3.4.	Risks due to surfaces, edges and corners	<input checked="" type="checkbox"/>	
1.3.5.	Risks due to the combination of a number of machines	<input type="checkbox"/>	
1.3.6.	Risks due to changes in the conditions of use	<input checked="" type="checkbox"/>	
1.3.7.	Risks due to moving parts	<input type="checkbox"/>	
1.3.8.	Selection of the protective devices against risks due to moving parts	<input type="checkbox"/>	
1.3.8.1.	Moving parts of the power transfer system	<input type="checkbox"/>	
1.3.8.2.	Moving parts, which are involved in the work process	<input type="checkbox"/>	
1.3.9.	Risk of uncontrolled movement	<input checked="" type="checkbox"/>	
1.4.	Requirements for protective devices	<input type="checkbox"/>	
1.4.1.	General requirements	<input type="checkbox"/>	
1.4.2.	Special requirements for separative protective devices	<input type="checkbox"/>	
1.4.2.1.	Fixed separative protective devices	<input type="checkbox"/>	
1.4.2.2.	Moving separative protective devices with locking	<input type="checkbox"/>	
1.4.2.3.	Access-restricting adjustable protective devices	<input type="checkbox"/>	
1.4.3.	Special requirements for non-separative protective devices	<input type="checkbox"/>	
1.5.	Risks due to other dangers	<input type="checkbox"/>	
1.5.1.	Electrical power supply	<input checked="" type="checkbox"/>	
1.5.2.	Static electricity	<input type="checkbox"/>	

Number Appendix I	Description	Satisfied	Remarks
1.5.3.	Non-electrical power supply	<input checked="" type="checkbox"/>	
1.5.4.	Assembly faults	<input checked="" type="checkbox"/>	
1.5.5.	Extreme temperatures	<input type="checkbox"/>	
1.5.6.	Fire	<input type="checkbox"/>	
1.5.7.	Explosion	<input type="checkbox"/>	
1.5.8.	Noise	<input checked="" type="checkbox"/>	
1.5.9.	Vibration	<input checked="" type="checkbox"/>	
1.5.10.	Radiation	<input checked="" type="checkbox"/>	
1.5.11.	External radiation	<input checked="" type="checkbox"/>	
1.5.12.	Laser radiation	<input type="checkbox"/>	
1.5.13.	Emission of dangerous materials and substances	<input checked="" type="checkbox"/>	
1.5.14.	Risk, of becoming locked in a machine	<input type="checkbox"/>	
1.5.15.	Risks of tripping, slipping and falling	<input checked="" type="checkbox"/>	
1.5.16.	Lightning strike	<input type="checkbox"/>	
1.6.	Repair	<input type="checkbox"/>	
1.6.1.	Maintenance of the machine	<input checked="" type="checkbox"/>	
1.6.2.	Access to the operating stands and to the access points for maintenance	<input checked="" type="checkbox"/>	
1.6.3.	Separation of the energy sources	<input type="checkbox"/>	
1.6.4.	Intervention by operating personnel	<input checked="" type="checkbox"/>	
1.6.5.	Cleaning internal machine parts	<input checked="" type="checkbox"/>	
1.7.	Information	<input type="checkbox"/>	
1.7.1.	Information and warning notes on the machine	<input type="checkbox"/>	
1.7.1.1.	Information and information devices	<input checked="" type="checkbox"/>	
1.7.1.2.	Warning devices	<input type="checkbox"/>	
1.7.2.	Warnings concerning residual risks	<input type="checkbox"/>	
1.7.3.	Identification of the machines	<input checked="" type="checkbox"/>	
1.7.4.	Operating instruction	<input type="checkbox"/>	
1.7.4.1.	General principles for the composition of the operating instructions	<input checked="" type="checkbox"/>	
1.7.4.2.	Content of the operating instructions	<input checked="" type="checkbox"/>	
1.7.4.3.	Sales publications	<input type="checkbox"/>	