

DECLARATION OF CONFORMITY



EC Declaration of conformity

about the design, manufacture and testing of pressure equipment according to the
Pressure Equipment Directive 97/23/EG

Pressure equipment	Piping system	PSP element No.	312411.10.8640
Year built	2005	Codeword	KOSBOOST
Allow. operating pressure (PS)	10 barg	Definition	PROCESS LINE 101
Allow. op. temperature (TS)	50 °C	KKS/ Tag No.	101
Nominal width (DN)/Volume (l)	500	Drawing No.	10000204541
Fluid	Dry-Air	Category	II
Fluid group	2	Corrosion allowance	1,5 mm

The assembly group will be protected against exceeding of allowable limits of operation by

☐ Safety valve

Size

Setting pressure

Examined on

☐ I&C safety equipment

Design

Manufacturer

Examined on

Evaluation of conformity: PED 97/23/ EC, Modul H1
PED 97/23/EC, Annex I, 3.1 and 3.2

Certificate of conformity No.

Design, assembly and testing of assembly group

Quality inspection point for design, assembly and testing	MAN TURBO AG	Certificate No.	50116/2, 50116/4
		Valid until:	12/2006

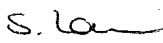
QM – System

Authority responsible for the certification of the QM-System of the manufacturer	Lloyd's Register Quality Assurance GmbH	Identification No.	0525
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This is to confirm that design, manufacture and testing of this assembly group comply with the provisions of the EU Directive

Applicable standard: AD 2000

MAN TURBO AG

31.10.05 
Date Signature

Name : Dr. Lau
Function : Head of Systems engineering dept. TC3

25. OKT. 2005


Date Signature

Name : Liebm
Function : Head of Quality management Berlin

Konformitätserklärung PED EN Rohrleitung 101 10000204541
Aufsichtsrat: Dr. Wolfgang Brunn (Vorsitzender)
Vorstand:
Jürgen Maus (Vorsitzender),
Dr.-Ing. Josef Meyer, Dr.-Ing. Hans-O. Jeske
Sitz der Gesellschaft: Oberhausen
Registergericht:
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Unser Unternehmen
ist zertifiziert nach
ISO 9001:2000



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Pressure Equipment Directive 97/23/EG

Pressure equipment	Piping system	PSP element No.	312411.10.8640
Year built	2005	Codeword	KOSBOOST
Allow. operating pressure (PS)	15 barg	Definition	PROCESS LINE 102
Allow. op. temperature (TS)	150 °C	KKS/ Tag No.	102
Nominal width (DN)/Volume (I)	500	Drawing No.	10000204554
Fluid	Dry-Air	Category	III
Fluid group	2	Corrosion allowance	1,5 mm

The assembly group will be protected against exceeding of allowable limits of operation by

☐ Safety valve

Size

Setting pressure

Examined on

☐ I&C safety equipment

Design

Manufacturer

Examined on

Evaluation of conformity: PED 97/23/ EC, Modul H1
PED 97/23/EC, Annex I, 3.1 and 3.2

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Design, assembly and testing of assembly group

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		Valid until:	12/2006

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Applicable standard: AD 2000

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25. OKT. 2005

31.10.05

S. Lau

Date

Signature

Name : Dr. Lau

Function : Head of Systems engineering dept. TC3

Date

Signature

Name : Liebmann

Function : Head of Quality management Berlin

Konformitätserklärung PED EN Rohrleitung 102 10000204554
Aufsichtsrat: Dr. Wolfgang Brunn (Vorsitzender)
Vorstand:
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Pressure equipment	Piping system	PSP element No.	312411.10.8640
Year built	2005	Codeword	KOSBOOST
Allow. operating pressure (PS)	15 barg	Definition	PROCESS LINE 103
Allow. op. temperature (TS)	50 °C	KKS/ Tag No.	103
Nominal width (DN)/Volume (l)	350	Drawing No.	10000207464
Fluid	Dry-Air	Category	III
Fluid group	2	Corrosion allowance	1,5 mm

The assembly group will be protected against exceeding of allowable limits of operation by

☐ Safety valve

Size

Setting pressure

Examined on

☐ I&C safety equipment

Design

Manufacturer

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MAN TURBO - ein Unternehmen der MAN Gruppe



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Pressure equipment	Piping system	PSP element No.	312411.10.8640
Year built	2005	Codeword	KOSBOOST
Allow. operating pressure (PS)	25 barg	Definition	PROCESS LINE 104
Allow. op. temperature (TS)	135 °C	KKS/ Tag No.	104
Nominal width (DN)/Volume (l)	400	Drawing No.	10000207465
Fluid	Dry-Air	Category	III
Fluid group	2	Corrosion allowance	1,5 mm

The assembly group will be protected against exceeding of allowable limits of operation by

☐ Safety valve

Size

Setting pressure

Examined on

☐ I&C safety equipment

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Berlin

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Pressure equipment	Piping system	PSP element No.	312411.10.8640
Year built	2005	Codeword	KOSBOOST
Allow. operating pressure (PS)	25 barg	Definition	PROCESS LINE 105
Allow. op. temperature (TS)	50 °C	KKS/ Tag No.	105
Nominal width (DN)/Volume (l)	300	Drawing No.	10000207466
Fluid	Dry-Air	Category	III
Fluid group	2	Corrosion allowance	1,5 mm

The assembly group will be protected against exceeding of allowable limits of operation by

☐ Safety valve

Size

Setting pressure

Examined on

☐ I&C safety equipment

Design

Manufacturer

Examined on

Evaluation of conformity: PED 97/23/ EC, Modul H1
PED 97/23/EC, Annex I, 3.1 and 3.2

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Design, assembly and testing of assembly group

Quality inspection point for design, assembly and testing	MAN TURBO AG	Certificate No.	50116/2, 50116/4
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25. OKT. 2005

31.10.05 S. Lau
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Name : Dr. Lau
Function : Head of Systems engineering
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i. A. Liebm
Date Signature

Name : Liebm
Function : Head of Quality management
Berlin

Konformitätserklärung PED EN Rohrleitung 105 10000207466
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Pressure equipment	Piping system	PSP element No.	312411.10.8640
Year built	2005	Codeword	KOSBOOST
Allow. operating pressure (PS)	45 barg	Definition	PROCESS LINE 106
Allow. op. temperature (TS)	135 °C	KKS/ Tag No.	106
Nominal width (DN)/Volume (l)	250	Drawing No.	10000207467
Fluid	Dry-Air	Category	II
Fluid group	2	Corrosion allowance	1,5 mm

The assembly group will be protected against exceeding of allowable limits of operation by

☐ Safety valve

Size

Setting pressure

Examined on

☐ I&C safety equipment

Design

Manufacturer

Examined on

Evaluation of conformity: PED 97/23/ EC, Modul H1
PED 97/23/EC, Annex I, 3.1 and 3.2

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Design, assembly and testing of assembly group

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Name : Liebmann
Function : Head of Quality management Berlin

Konformitätserklärung PED EN Rohrleitung 106 10000207467

Aufsichtsrat: Dr. Wolfgang Brunn (Vorsitzender)
Vorstand:
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Pressure Equipment Directive 97/23/EG

Pressure equipment	Piping system	PSP element No.	312411.10.8640
Year built	2005	Codeword	KOSBOOST
Allow. operating pressure (PS)	45 barg	Definition	PROCESS LINE 107
Allow. op. temperature (TS)	50 °C	KKS/ Tag No.	107
Nominal width (DN)/Volume (l)	250	Drawing No.	10000207468
Fluid	Dry-Air	Category	II
Fluid group	2	Corrosion allowance	1,5 mm
The assembly group will be protected against exceeding of allowable limits of operation by			
☐ Safety valve		☐ I&C safety equipment	
Size		Design	
Setting pressure		Manufacturer	
Examined on		Examined on	
Evaluation of conformity:		PED 97/23/ EC, Modul H1	
		PED 97/23/EC, Annex I, 3.1 and 3.2	
Certificate of conformity No.			
Design, assembly and testing of assembly group			
Quality inspection point for design, assembly and testing		MAN TURBO AG	Certificate No. 50116/2, 50116/4
		Valid until:	12/2006
QM – System			
Authority responsible for the certification of the QM-System of the manufacturer		Lloyd's Register Quality Assurance GmbH	Identification No. 0525

This is to confirm that design, manufacture and testing of this assembly group comply with the provisions of the EU Directive

Applicable standard: AD 2000

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Name : Dr. Lau
Function : Head of Systems engineering
dept. TC3

25. OKT. 2005

i.A. Liebm
Date Signature

Name : Liebm
Function : Head of Quality management
Berlin

Konformitätserklärung PED_EN Rohrleitung 107 10000207468
Aufsichtsrat: Dr. Wolfgang Brunn (Vorsitzender)
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Pressure equipment	Piping system	PSP element No.	312411.10.8640
Year built	2005	Codeword	KOSBOOST
Allow. operating pressure (PS)	63 barg	Definition	PROCESS LINE 108
Allow. op. temperature (TS)	120 °C	KKS/ Tag No.	108
Nominal width (DN)/Volume (l)	250	Drawing No.	10000207469
Fluid	Dry-Air	Category	II
Fluid group	2	Corrosion allowance	1,5 mm
The assembly group will be protected against exceeding of allowable limits of operation by			
☐ Safety valve		☐ I&C safety equipment	
Size		Design	
Setting pressure		Manufacturer	
Examined on		Examined on	
Evaluation of conformity:		PED 97/23/ EC, Modul H1 PED 97/23/EC, Annex I, 3.1 and 3.2	
Certificate of conformity No.			
Design, assembly and testing of assembly group			
Quality inspection point for design, assembly and testing	MAN TURBO AG	Certificate No.	50116/2, 50116/4
		Valid until:	12/2006
QM – System			
Authority responsible for the certification of the QM-System of the manufacturer	Lloyd's Register Quality Assurance GmbH	Identification No.	0525

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25. OKT. 2005

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Name : Liebmann
Function : Head of Quality management
Berlin

Konformitätserklärung PED EN Rohrleitung 108 10000207469
Aufsichtsrat: Dr. Wolfgang Brunn (Vorsitzender)
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MAN TURBO - ein Unternehmen der MAN Gruppe

MAN TURBO AG



EC Declaration of conformity

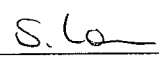
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Pressure equipment	Piping system	PSP element No.	312411.10.8640
Year built	2005	Codeword	KOSBOOST
Allow. operating pressure (PS)	63 barg	Definition	PROCESS LINE 109
Allow. op. temperature (TS)	50 °C	KKS/ Tag No.	109
Nominal width (DN)/Volume (I)	250	Drawing No.	10000207471
Fluid	Dry-Air	Category	II
Fluid group	2	Corrosion allowance	1,5 mm
The assembly group will be protected against exceeding of allowable limits of operation by			
☐ Safety valve		☐ I&C safety equipment	
Size		Design	
Setting pressure		Manufacturer	
Examined on		Examined on	
Evaluation of conformity:		PED 97/23/ EC, Modul H1 PED 97/23/EC, Annex I, 3.1 and 3.2	
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Konformitätserklärung PED_EN Rohrleitung 109 10000207471
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Pressure equipment	Piping system	PSP element No.	312411.10.8640
Year built	2005	Codeword	KOSBOOST
Allow. operating pressure (PS)	63 barg	Definition	PROCESS LINE 110
Allow. op. temperature (TS)	50 °C	KKS/ Tag No.	110
Nominal width (DN)/Volume (l)	150	Drawing No.	10000207472
Fluid	Dry-Air	Category	II
Fluid group	2	Corrosion allowance	1,5 mm
The assembly group will be protected against exceeding of allowable limits of operation by			
☐ Safety valve		☐ I&C safety equipment	
Size		Design	
Setting pressure		Manufacturer	
Examined on		Examined on	
Evaluation of conformity:		PED 97/23/ EC, Modul H1 PED 97/23/EC, Annex I, 3.1 and 3.2	
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Year built	2005	Codeword	KOSBOOST
Allow. operating pressure (PS)	10 barg	Definition	PROCESS LINE 111
Allow. op. temperature (TS)	50 °C	KKS/ Tag No.	111
Nominal width (DN)/Volume (l)	350	Drawing No.	10000207473
Fluid	Dry-Air	Category	I
Fluid group	2	Corrosion allowance	1,5 mm

The assembly group will be protected against exceeding of allowable limits of operation by

☐ Safety valve

Size

Setting pressure

Examined on

☐ I&C safety equipment

Design

Manufacturer

Examined on

Evaluation of conformity: PED 97/23/ EC, Modul H1
PED 97/23/EC, Annex I, 3.1 and 3.2

Certificate of conformity No.

Design, assembly and testing of assembly group

Quality inspection point for design, assembly and testing	MAN TURBO AG	Certificate No.	50116/2, 50116/4
		Valid until:	12/2006

QM – System

Authority responsible for the certification of the QM-System of the manufacturer	Lloyd's Register Quality Assurance GmbH	Identification No.	0525
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This is to confirm that design, manufacture and testing of this assembly group comply with the provisions of the EU Directive

Applicable standard: AD 2000

MAN TURBO AG

31.10.05 S. Lau

Date Signature

Name : Dr. Lau
Function : Head of Systems engineering
dept. TC3

25. OKT. 2005

Date Signature

Name : Liebmann
Function : Head of Quality management
Berlin

Konformitätserklärung PED EN Rohrleitung 111 10000207473

Aufsichtsrat: Dr. Wolfgang Brunn (Vorsitzender)
Vorstand:
Jürgen Maus (Vorsitzender),
Dr.-Ing. Josef Meyer, Dr.-Ing. Hans-O. Jeske
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Unser
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ISO 9001:2000

MAN TURBO - ein Unternehmen der MAN Gruppe