Certificate

Quality-Assurance System for Manufacturer of Materials acc. to Directive 2014/68/EU

Certificate no.:	**01 2627 PL/M-260001.00**
Name and address of the manufacturer:	**HUTA MAŁAPANEW Sp. z o.o.** **ul. Kolejowa 1** **46-040 Ozimek** **Polska**

Herewith we certify that the material manufacturer has established and applies a Quality Management System. The system was audited according to the European Directive 2014/68/EU, Annex I, point 4.3, with regard to the materials as listed in the scope of approval.

Tested acc. to Directive 2014/68/EU:	**QM System acc. to EN 764-5, Clause 4.2 and AD 2000-Merkblatt W0**
Assessment report no.:	84993359/2026 Rev. 0
Area of validity:	Foundry producing cast steel housings and parts for machinery and equipment; see annex to certificate
Manufacturing plant:	HUTA MAŁAPANEW Sp. z o.o. ul. Kolejowa 1 46-040 Ozimek Polska
Period of validity:	28.07.2026 – 27.07.2029

Zabrze, 27.07.2026

Leszek Zadroga

TÜV Rheinland® Certification Body

MS-0038294 E-200 rev. 3

TÜV Rheinland Polska Sp. z o.o.
Certification Body for Material Manufacturers
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Annex to Certificate no.: 01 2627 PL/M-260001.00

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Scope according to:	☒ Directive 2014/68/EU, Annex I, point 4.3	☒ AD 2000-Merkblatt W 0

Manufacturer	Work	Country	Date	Page no.	TÜV Rheinland Polska Sp. z o.o.
Company name: Huta Małapanew Sp. z o.o. Location: Kolejowa 1, 46-040 Ozimek, Poland	Huta Małapanew Sp. z o.o. Ul. Kolejowa 1, 46-0490 Ozimek, Poland	PL	27.07.2026 Rev.: 0	1 of 2	

Pos.	Materials-term Materials-no.	Material specification	Delivery conditions	Article Type of Product	Dimensions Thickness mm		ø mm		Weight max. 1=t 2=kg ⇓	result	Technical specifications Requirements Technical regulations	Remarks
					from	up to	from	up to				
1	2	3	4	5	6a	6b	7a	7b	8a	8b	9	10
1. Materials according to harmonized European standards (hEN) and European Approval for Materials (EAM) acc. Directive 2014/68/EU												
The use of the materials according to Directive 2014/68/EU is bound to the publication of Harmonized European Standards or to the qualification by a European material approval or to the particular material appraisal. With that the manufacturing reliability for equivalent material grades according to other standards (e.g. BS, AFNOR, ASME) is proved. The requirements and limits of the applicable code respectively the PED must be observed for the use of material grades listed in column 2 to 4.												
1	**G17CrMo5-5**	PN-EN 10213+A1	+QT	Castings	-	-	-	-	0,5	12000		PMA required in case of the thickness: > 30 mm / > 100 mm / > 150 mm (in correlation with particular material grade)
2	**G17CrM09-10**		+QT									
3	**G20Mn5**		+N									
4	**G20Mn5**		+QT									
5	**G24Mn6**		+QT									
6	**GP240GH**		+QT									
7	**GX4CrNi13-4**		+QT									
8	**GX5CrNi19-10**		+AT									
9	**GX5CrNiMo19-11**		+AT									

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Remarks: +AT = solution annealed; +N = normalized or normalizing formed; +S = soft annealed
+AR = as rolled; +NT = normalized and tempered; +SR = stress relieved
+M = thermomechanical treated; +QT = quenched and tempered; A = PMA for the use in pressure equipment in Directive 2014/68/EU necessary

Annex to Certificate no.: 01 2627 PL/M-260001.00

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Scope according to:	☒ Directive 2014/68/EU, Annex I, point 4.3	☒ AD 2000-Merkblatt W 0

Manufacturer	Work	Country	Date	Page no.	TÜV Rheinland Polska Sp. z o.o.
Company name: Huta Małapanew Sp. z o.o. Location: Kolejowa 1, 46-040 Ozimek, Poland	Huta Małąpanew Sp. z o.o. Ul. Kolejowa 1, 46-0490 Ozimek, Poland	PL	27.07.2026 Rev.: 0	2 of 2	

Pos.	Materials-term Materials-no.	Material specification	Delivery conditions	Article Type of Product	Dimensions Thickness mm		⌀ mm		Weight max. 1=t 2=kg ⇓	result	Technical specifications Requirements Technical regulations	Remarks
					from	up to	from	up to				
1	2	3	4	5	6a	6b	7a	7b	8a	8b	9	10

2. Materials according to the AD 2000 Code

The use of the materials according to Directive 2014/68/EU is bound to the publication of Harmonized European Standards or to the qualification by a European material approval or to the particular material appraisal. With that the manufacturing reliability for equivalent material grades according to other standards (e.g. BS, AFNOR, ASME) is proved. The requirements and limits of the applicable code respectively the PED must be observed for the use of material grades listed in column 2 to 4.

1	**G17CrMo5-5**	PN-EN 10213+A1	+QT	castings	-	-	-	-	0,5	12000	AD 2000 W5	PMA required in case of the thickness: > 30 mm / > 100 mm / > 150 mm (in correlation with particular material grade) In case of materials for valve bodies the Ad 2000 Merkblatt A4 requirements are to be applied (*) requirements acc. to AD 2000 W5 point 2.7 to be fulfilled
2	**G17CrM09-10**		+QT									
3	**G20Mn5**		+N									
4	**G20Mn5**		+QT									
5	**GP240GH**		+QT									
6	**GX4CrNi13-4 (*)**		+QT									
7	**GX5CrNi19-10**		+AT									
8	**GX5CrNiMo19-11**		+AT									

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Remarks: +AT = solution annealed; +AR = as rolled; +M = thermomechanical treated; +N = normalized or normalizing formed; +NT = normalized and tempered; +QT = quenched and tempered; +S = soft annealed; +SR = stress relieved; A = PMA for the use in pressure equipment in Directive 2014/68/EU necessary