

EU TYPE-EXAMINATION CERTIFICATE

Certificate No.:
18-PED-ROT-B-PT-18.Z0591133-01

Issue date:
2018-11-14

Valid from/until:
2018-11-13 – 2028-11-13

This certificate consists of 4 pages

This is to certify that representative examples of products manufactured by

Gritco Equipment B.V.

Klompemakersstraat 16d, 2984BB, Ridderkerk, The Netherlands

have been assessed with respect to the conformity assessment procedure described in

ANNEX III MODULE B-PRODUCTION TYPE OF DIRECTIVE 2014/68/EU ON PRESSURE EQUIPMENT

and found to comply with the requirements in Annex I – Essential Safety Requirements of the Directive.

The certificate is valid for the following products:

Type of Pressure Equipment	Assembly
Product Name	Shot blast assemblies
Product Version	BM and MM series

Place and date:
Barendrecht, 2018-11-14



Peter van der Wel
Responsible Design Approval Engineer

For EU-Conformity Assessment Body 2388:
DNV GL Business Assurance B.V.

Chris van den Berg
DNV GL Representative

Certificate No.: 18-PED-ROT-B-PT-18.Z0591133-01
 Place and date: Barendrecht, 2018-11-13
 Revision No.: 0



Jurisdiction

Application of the Council Directive 2014/68/EU of 15 May 2014 on Pressure Equipment and Warenwetbesluit Drukapparatuur 2016 (NL) and amendments. EU-conformity assessment body 2388. Beschikking 2016-0000143703.

By virtue of the Dutch General Administrative Law "Algemene wet bestuursrecht (Awb)" interested parties may issue an objection to this decision. The period for application of an objection shall be within six weeks after publishing the decision and shall be applied at DNV GL Business Assurance B.V. In the objection it shall be motivated why the made decision is not correct. We request you to add a copy of the disputed decision and other documents to the objection.

Certificate history

Revision	Description	Issued date
08-PED-ROT-B-08.4350-01 ÷	Original PED module B certificate	2008-11-10
08-PED-ROT-B-08.4350-01, rev.7	Updated PED module B certificate	2014-01-31
0	Renewal	2018-11-14

Design review reference

Documents id	Issued
Design Verification Report ROT13.092395.02	2014-01-31
Design Verification Report ROT18.Z0591133.02	2018-11-13

Products covered by this certificate

Product name	Product version	PED Category	Product standard
Shot blast assemblies	BM and MM series	18 liter: I 40 liter: II 60 liter: II 100 liter: II 200 liter: III	PED Annex I

Design data

Min/Max allowable pressure (PS) in barg	0 / 10
Min/Max allowable temperature (TS) in °C	5 / 50
Test pressure PT in barg (functional test)	10
Corrosion allowance in mm	1
Volume in L	18 / 40 / 60 / 100 / 200
Fluid	Air + Grit
Fluid group	2

Assembly data

See document Overzichtslijst van de afzonderlijke onderdelen (versie 2018-11-08)

Documents reviewed

Document No	Rev	Date	Title	Status*	Appendix
Appendix 3 - Straalketel samenstel modellen met arrangement combinaties (versie 2018-11-08)	-	2018-11-08	Straalketel samenstel modellen met arrangement combinaties (versie 2018-11-08)	FI	1
18300	0	-	Type overzicht Straalketels Rompen en appendages	A	2
18301	0	-	Type overzicht Straalketels Lucht arrangementen	A	3
18302	0	-	Type overzicht Straalketels Doseer arrangementen	A	4
3-08015 u/i 3-08021	1	2012-11-21	Pneumatic diagrams	A	5

Lack of fulfilment of conditions as set out in the Certification Agreement may render this Certificate invalid.

ACCREDITED UNIT: DNV GL Business Assurance B.V. Zwolseweg 1, NL - 2994 LB Barendrecht. Tel.: T +31 10-2922752. www.dnvgl.nl/certificering
 E: RotterdamPED@dnvgl.com; KvK: 24273935 www.dnvgl.nl/certificering
 ISI-NL-PE-5-F5-P-B-PT-EN/2018-37

3-08040 / 3-08045 u/i 3-08047	1	2012-11-21			
3-08048	B	2012-11-21			
3-08049	2	2012-11-21			
3-12105	1	2012-11-23			
3-12106	0	2012-11-19			
3-12111	0	2012-11-20			
3-12117 / 3-12118	0	2012-11-27			
3-08022	-	2008-02-20		FI	
3-08023 u/i 3-08036	-	2008-02-20			
3-08090	-	2008-08-27			
4-09067	-	2009-12-16			
3-12109	0	2012-11-19			
3-13094	-	2013-12-21			
3-13095		2013-11-21			
3-18577	0	2018-11-07			
3-18578	0	2018-11-07			
Appendix 8a - Bill of material for drawings of assemblies	-	-	Bill of material for drawings of assemblies	FI	6
Appendix 8b - Bill of material for drawings of options	-	-	Bill of material for drawings of options	FI	
Appendix 9 - Testprotocol straalketels - Werkplaatsformulier	-	2018-11-08	Testprotocol straalketels - Werkplaatsformulier	FI	7
Appendix 10 - Overzichtslijst van de afzonderlijke onderdelen		2018-11-08	Overzichtslijst van de afzonderlijke onderdelen	FI	8
2-12080	2	2018-11-07	Welds by Gritco on Blastpot	FI	9
Appendix 12 - Welding Procedure Specification	-	-	Welding Procedure Specifications	FI	10
Handleiding BM-RC	-	-	Origineel Bedrijfsvoorschrift	FI	11

*) A=Approved, FI=For information

Sites covered by this certificate

Product name	Site Address	Date	Report ref	Inspected vessels
Shot blast vessel assemblies	Klompemakerstraat 16d 2984 BB Ridderkerk	2014-01-31	08-PED-ROT-B-08.4350-01 Rev. 7	S/N 51463 (MM-60) S/N 50339 (BM-18) S/N 258841, 258848, 258852, 258857, 258858, 258859 (BM-200)
		2018-03-08	ROT18.Z0574957.101 (PED C2 inspection)	S/N 289602 (BM-40)
		2018-04-05	ROT18.Z0574957.103 (PED C2 inspection)	S/N 285325 (BM-200)
		2018-10-25	ROT18.Z0574957.106 (PED C2 inspection)	S/N 293764 (BM-200)

Applications/limitations

1. Allowable pressure cycles are stated at the drawings of Dana-Tank and in the manual of Gritco Equipment B.V.

Terms and conditions for the certificate

2. This Certificate does not give the Manufacturer the right to CE mark the product(s) listed on this Certificate and put them on the market. Only after the product(s) have been found to comply with the requirements in one of the following Conformity Assessment Modules C2, D, E or F, the Manufacturer may draw up an EU declaration of conformity and legally affix the CE mark followed by the identification number of the Conformity Assessment Body involved in these modules.

END OF CERTIFICATE

