

Certificate No: WWA000007V

WELDING WORKSHOP APPROVAL CERTIFICATE

This is to certify:

That Makrum Project Management Sp. z o.o. Makrum Sp. z.o.o. / Production Site 1 ul. Fordonska 40 / ul. Lesna 11-19 Bydgoszcz, Poland

is approved for Welding

in accordance with **DNV GL rules for classification – Ships**

has been approved for the following range of applications Hull Structures Machinery Components

and the following particulars Manufacturer(s) approved by this certificate are accepted to deliver according to DNV GL, DNV and GL rules.

| Welding supervisor: | Paweł KRZYZANOWSKI |
|---|--------------------|
| Deputy welding supervisor: | Maciej LUBIŃSKI |
| This Certificate is valid until 2019-05-09 . | |
| Issued at Hamburg on 2016-05-10 | |
| DNV GL local station: Gdansk | for DNV GL |
| Approval Engineer: Gordon Stieb | |
| | Thorsten Lohmann |
| | Head of Section |
| | |



Certificate No: WWA000007W

WELDING WORKSHOP APPROVAL CERTIFICATE

This is to certify:

That Makrum Project Management Sp. z o.o. Makrum Sp. z.o.o. / Production Site 2 ul. Fordonska 40 / ul. Przemyslowa 1 Bydgoszcz / Paterek, Poland

is approved for **Welding**

in accordance with **EN ISO 3834-2**

has been approved for the following range of applications

| Area of Applikation | Structural Steelwork; Welding of Hull Structures; Welding of Machinery Components |
|---------------------|---|
| Welding Processes | 121, 135, 136, 138, 141 |
| Base Materials | 1.1; 1.2; 1.3, 3.1, 3.2, 8.1 acc. to CEN ISO TR 15608: 2013-08 |

and the following particulars

| Welding supervisor: | Paweł KRZYŻANOWSKI |
|----------------------------|--------------------|
| Deputy welding supervisor: | Maciej LUBIŃSKI |

Job Id: 263.11-006024-1 Certificate No: WWA000007W

This Certificate is valid until **2019-05-09**.

Issued at Hamburg on 2016-05-10

DNV GL local station: Gdansk

Approval Engineer: Gordon Stieb

for **DNV GL**

Thorsten Lohmann Head of Section

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Certificate No: WWA000007X

WELDING WORKSHOP APPROVAL CERTIFICATE

This is to certify:

That Makrum Project Management Sp. z o.o. Makrum Sp. z.o.o. / Production Site 2 ul. Fordonska 40 / ul. Przemyslowa 1 Bydgoszcz / Paterek, Poland

is approved for **Welding**

in accordance with **DNV GL rules for classification – Ships**

has been approved for the following range of applications Hull Structures Machinery Components

and the following particulars Manufacturer(s) approved by this certificate are accepted to deliver according to DNV GL, DNV and GL rules.

| Welding supervisor: | Paweł KRZYZANOWSKI |
|---|--------------------|
| Deputy welding supervisor: | Maciej LUBIŃSKI |
| This Certificate is valid until 2019-05-09 . | |
| Issued at Hamburg on 2016-05-10 | |
| DNV GL local station: Gdansk | for DNV GL |
| Approval Engineer: Gordon Stieb | |
| | Thorsten Lohmann |
| | Head of Section |
| | |



Certificate No: WWA0000072

WELDING WORKSHOP APPROVAL CERTIFICATE

This is to certify:

That Makrum Project Management Sp. z o.o. Makrum Sp. z.o.o. / Production Site 1 ul. Fordonska 40 / ul. Lesna 11-19 Bydgoszcz, Poland

is approved for **Welding**

in accordance with EN ISO 3834-2

has been approved for the following range of applications

| Area of Applikation | Structural Steelwork; Welding of Hull Structures; Welding of Machinery Components |
|---------------------|---|
| Welding Processes | 121, 135, 136, 138, 141 |
| Base Materials | 1.1; 1.2; 1.3, 3.1, 3.2, 8.1 acc. to CEN ISO TR 15608: 2013-08 |

and the following particulars

| Welding supervisor: | Paweł KRZYŻANOWSKI |
|---|--------------------|
| Deputy welding supervisor: | Maciej LUBIŃSKI |
| This Certificate is valid until 2019-05-09 . | |
| Issued at Hamburg on 2016-05-10 | |
| DNV GL local station: Gdansk | for DNV GL |
| Approval Engineer: Piotr Karasiewicz | |
| | Thorsten Lohmann |

Thorsten Lohmanr Head of Section