



Certificate
No. 2541-11



CERTIFICATE

Inspecta Sertifointi Oy has granted this certificate as proof that the quality system of

Mesekon Oy
Turku

complies with the requirements of the standards

ISO 9001:2015, ISO 3834-2:2005

Certification covers

Contract manufacturer. The workshop manufactures of steel and special materials as well components as pre-assembled structures, including network and project management in Turku and Mynämäki.

The certificate is issued on 2018-06-29
(first issue 1995-01-05).
The certificate is valid until 2021-09-01.

Mikko Törmänen, Managing Director

The certificate is valid on condition that the quality system of the organization remains in compliance with the aforementioned standards and the General Regulations ABC 200. The validity of the certificate can be verified on the Internet at www.inspecta.fi

Inspecta Sertifointi Oy

P.O. Box 1000,

Sörnäistenkatu 2

FI-00581 Helsinki,

Finland

Tel. +358 10 521 600



Inspecta Sertifointi Oy





Certificate
No. 7950-03



CERTIFICATE

Inspecta Sertifiointi Oy has granted this certificate as proof that the occupational health and safety system of

Mesekon Oy
Turku

complies with the requirements of the standard

ISO 45001:2018

Certification covers

Contract manufacturer. The workshop manufactures of steel and special materials as well components as pre-assembled structures, including network and project management in Turku and Mynamäki.

The certificate is issued on 2020-06-01
(first issue 2014-09-01).
The certificate is valid until 2023-09-01.

Maija Vanttaja, Managing Director

The certificate is valid on condition that the occupational health and safety system of the organization remains in compliance with the aforementioned standard and the General Regulations ABC 200. The validity of the certificate can be verified on the Internet at www.kiwa.com/fi.

Inspecta Sertifiointi Oy
P.O. Box 1000,
Sörnäistenkatu 2
FI-00581 Helsinki,
Finland
Tel. + 358 10 521 600



Inspecta Sertifiointi Oy



**CERTIFICATE OF CONFORMITY OF THE
FACTORY PRODUCTION CONTROL
0416-CPR-8821-02**



In compliance with Regulation (EU) 305/2011 of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction product

Manufacture of structural welded steel components and kits

Execution classes EXC1, EXC2 and EXC3

Declaration of essential characteristics ZA.3.4 (Method 3a)

placed on the market under the name or trademark of

Mesekon Oy

Tierankatu 9, FI-20520 TURKU

and produced in the manufacturing plant Metallitie 6, FI-23100 MYNÄMÄKI

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standard(s)

EN 1090-1:2009+A1:2011

under system 2+ are applied and that **the factory production control is assessed to be in conformity with the applicable requirements.**

This certificate was first issued on 2015-06-16, and will remain valid until 2021-06-15, neither the harmonised standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are significantly modified, unless suspended or withdrawn by the notified factory production control certification body.

The validity of the certificate can be verified on the Internet at www.kiwa.com/fi.

Inspecta Sertifiointi Oy, notified body No. 0416, has issued the certificate on 2021-01-15.

A handwritten signature in blue ink, appearing to read "Maija Vanttaja".

Maija Vanttaja, Managing Director



CERTIFICATE

Inspecta Sertifiointi Oy

P.O. Box 1000,

Sörnäistenkatu 2

FI-00581 Helsinki,

Finland

Tel.+358 10 521 600

WELDING WORKSHOP APPROVAL CERTIFICATE

This is to certify:

That
Mesekon Oy

**Tierankatu 9
20520 Turku, Finland**

is approved for
Welding

in accordance with
**DNV GL rules for classification – Ships
DNV GL class programme DNVGL-CP-0352 – Approval of manufacturers – Manufacture of
welded products - Welding workshop**

has been approved for the following range of applications

**Lifting Appliances
Piping Systems
Machinery Components**

and the following particulars

**Auxiliary Machinery Units, Propulsion Unit Bodies, EGS-System Components, Machinery Piping
Systems, Crane booms, Pump Beds**

**Manufacturer(s) approved by this certificate are accepted to deliver according to
DNV GL, DNV and GL Rules.**

Welding supervisor:

Juha Sundell

Deputy welding supervisor:

Kari Rantanen

Issued at **Hamburg** on **2020-04-16**

This Certificate is valid until **2023-04-15**.

DNV GL local station: **Turku**

Approval Engineer: **Martin Wenning**



for **DNV GL**

Digitally Signed By: Hachmoeller, Ludger
Location: DNV GL Hamburg, Germany
Signing Date: 2020-04-16 , on behalf of

**Thorsten Lohmann
Head of Section**

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV GL AS, its parent companies and subsidiaries as well as their officers, directors and employees ("DNV GL") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to 300,000 USD.





WPS Directory

WPS no	Process	Process no	Thickness	Type of joint	Position	Diameter	Material	WPQR No
WPS025	plasma	15	2,5-6,5	EW	FA		RAEX650	MES2011-1
WFS032	TIG, MAG	141,136	3,0-12,0	BW	FA	109...	1.4404 / X2CrNiMo17-12-2	32-1
WFS033-121	Submerged arc welding	121	15-50	BW	FA		S355, D36	120-1046-090707
WFS034-121	Submerged arc welding	121	15-60	BW	FA		S355, D36	120-1046-090707
WFS037-136	MAG	136	15-60	BW	FA		S355, D36	120-1046-100225
WFS038-136	MAG	136	6,5-26,0	BW	FA		S355, D36	120-1046-090709
WFS039	MAG, jauhekaari	136, 121	15-200	BW	FA		S355, D36	120-1046-090707, 120-1046-090709
WFS040	Submerged arc welding	121	15-60	BW	FA		S355, D36	120-1046-090707
WFS041	MAG	136	5-16	FW	FB		S355, RAEX650	2010-2
WFS042-141	TIG	141	3,0-8,0	BW	FA	109...	1.4404 / X2CrNiMo17-12-2	42-1
WFS045-136	MAG	136	5-16	FW	FB		S355, RAEX650	1070-10-72
WFS046-136	MAG (mekanisoitu)	136	3-12	FW	FA		RAEX650	2010-1
WFS45_repair	MAG, Submerged arc weld	136,121	15-200	BW	FA		S355, D36	120-1046-090707, 120-1046-090709
WFS046-141	TIG	141	3,0-6,0	BW	FA		1.4404 / X2CrNiMo17-12-2	42-1
WFSM7-136	MAG	136	5-12	FW	FB		S355, D36	120-1046-090709
WFS48-136	MAG	136	8-36	FW	FB		S355, D36	120-1046-100225, 120-1046-090709
WFS49-136	MAG	136	8-60	BW	FA		S355, D36	120-1046-100225, 120-1046-090709
WFS50-136	MAG	136	4-10	FW	FB		1.4404	PR10-222
WFS51-136	MAG	136	3-12	FW	FB		5420, 1.4404	PR10-227
WFS52	MAG/MMA	136, 111	7,5-15	BW	FA		5420	PR11-2010
WFS053-136	MAG	136	6-24	BW	FA		1.4404	PR11-216
WFS054-136	MAG	136	6-24	BW	FA		1.4404	PR11-249
WFS055-136	MAG	136	6-24	BW	FA		1.4404	PR11-250
WFS056-136	MAG	136	5-12	FW	FB		5235	MES2011-2
WFS057-136	MAG	136	5-12	FW	FB		1.4404	HSK40110123-105
WFS058-136	MAG	136	3-24	BW	FA		1.4404	HSK40110123-106
WFS059-136	MAG	136	3-15	FW	FB		Optim650/Optim960	MES2011-2
WFS060-136	MAG	136	3-15	FW	FB		Optim650/Optim960	MES2011-3
WFS061-15	Plasma	15	3,0-6,5	BW	FA		Optim960	MES2010-1, MES2011-4
WFS61	TIG (orbital)	141	3,0-7,2	BW	FA	57...	1.4404 / X2CrNiMo17-12-2	61-1
WFS062-141	TIG	141	3,0-6,4	BW	FA		1.4571, 1.4404	HSK40120123-092
WFS063-141	TIG	141	3,0-6,4	BW	FA		1.4571, 1.4404	HSK40120123-092
WFS064	MAG/Submerged arc welding	136,121	25-100	BW	FA		S355, D36	HSK40120123-090
WFS065	MAG/Submerged arc welding	136, 121	5...	BW	FA		S355, D36	HSK40120123-090
WFS066	MAG	136	4-10	FW	FB		1.4404	PR10-222
WFS067	MAG	136	3-24	BW	FA		1.4404	HSK40110123-106, HSK40110123-105
WFS068	MAG	136	6-24	FW	FB		1.4404	HSK40110123-106, HSK40110123-106
WFS069	MAG, TIG	136,141	3,0-6,4	BW	FA	44,5	1.4404	HSK40110123-106, HSK40110123-106
WFS070-136	MAG	136	3-20	BW	FA		S355, D36	HSK40120123-443-01
WFS071-136	MAG	136	3-12	FW	FB		S355, D36	HSK401300041-023-01
WFS072-136	MAG	136	5	FW	FB		S355, D36	HSK401300041-023-02
WFS073-136	MAG	136	8-60	BW	FA		S355, D36	120-1046-100225, 120-1046-090709
WFS074-136	MAG	136	5-20	FW	FB		1.4404	HSK401300041-135
WFS075-136	MAG	136	2-4	FW	FB		1.4404	HSK401300041-120
WFS076	MAG/TIG	136,141	5-80	BW	FA		1.4404	HSK401300041-124
WFS077-136	MAG	136	3-24	BW	FA		1.4404	HSK401300041-122
WFS078-136	MAG	136	3-24	BW	FA		1.4404	HSK401300041-122
WFS079-136	MAG	136	6-24	BW	FA		S355, D36	HSK401300041-360
WFS080-136	MAG	136	25...	BW	FA		S355, D36	HSK401300041-347
WFS081-136	MAG	136	7-30	BW	FA		Optim 700QL	HSK401300041-118
WFS082-136	MAG	136	7-30	BW	FA		Optim 700QL	HSK401300041-118
WFS083-136	MAG	136	7-60	BW	FA		Optim 700QL/S355	HSK401300041-230
WFS084-136	MAG	136	7-60	BW	FA		Optim 700QL/S355	HSK401300041-230
WFS085-121	Submerged arc welding	121	4-16	BW	FA		Optim 700QL	HSK401300041-231-01
WFS086	Submerged arc welding/MAG	121,136	4-16	BW	FA		Optim 700QL	HSK401300041-231-01, HSK401300041-118
WFS87-136	MAG	136	7-30	BW	FA		Optim 700QL	HSK401300041-118
WFS088-136	MAG	136	15-60	BW	FA		S355, D36	HSK401300041-352
WFS089-136	MAG	136	14-20	FW	FB		1.4404/S355	HSK401300041-357
WFS090-136	MAG	136	4-16	FW	FB		1.4404/S355	HSK401300041-363
WFS091-136	MAG	136	5	FW	FB		1.4404/S355	HSK401300041-363
WFS092	TIG, MAG	141,136	5-100	BW	FA		S355, D36	12100-1231-131021
WFS093-136	MAG	136	3-24	BW	FA		S355, D36	12100-1231-131015
WFS094-136	MAG	136	3-24	BW	FA		S355, D36	12100-1231-131015
WFS095-136	MAG	136	3-24	BW	FA		1.4404	HSK401300041-122
WFS096-136	MAG	136	3-24	BW	FA		1.4404	HSK401300041-122
WFS097-141	TIG	141	3,0-6,0	BW	H-L045		1.4404	160 1-1231-140107
WFS98	Submerged arc welding/MAG	121	7-30	BW	FA		S355, D36	HSK40120123-090
WFS99-136	MAG	136	3-12	FW	FB		S355, D36	HSK401300041-025-02
WFS100-136	MAG	136	3-12	FW	FB		S355, D36	HSK401300041-025-02
WFS101-136	MAG	136	3-24	BW	FA		S355, D36	12100-1231-131015
WFS102-136	MAG	136	5-20	FW	FB		1.4404	HSK401300041-135
WFS103-136	MAG	136	5-20	FW	FB		1.4404	HSK401300041-135
WFS104-136	MAG	136	3-24	BW	FA		1.4404	HSK401300041-122
WFS105	Submerged arc welding/MAG	121, 136	4-16	BW	FA		Hardox400	MES2015-1
WFS106-136	MAG	136	5-20	FW	FB		1.4462	160 01-1231-151008-1/150921-01
WFS107-136	MAG	136	5-20	FW	FB		1.4462	160 01-1231-150921-01
WFS108-136	MAG	136	2-4	FW	FB		1.4462	160 1-1231-150928-1
WFS109-136	MAG	136	3-24	BW	FA		1.4462	160 1-1231-151002-2/150924-1
WFS110-136	MAG	136	3-24	BW	FA		1.4462	160 1-1231-151002-2
WFS111-136	MAG	136	3-24	BW	FA		1.4462	160 1-1231-150924-1
WFS112-136	MAG	136	3-24	BW	FA		1.4462	160 1-1231-151002-2/150924-1
WFS113-141	TIG	141	1,4-2,6	BW	H-L045	25,0...	1.4462	160 01-1231-151002-1
WFS114-141	TIG	141	2,0-4,0	BW	H-L045	25,0...	1.4462	160 01-1231-151176-01
WFS115	MAG/Submerged arc welding	136, 121	4-16	BW	FA		Optim 700QL	HSK401300041-231-01, HSK401300041-118
WFS116-121	Submerged arc welding	121	25-140	BW	FA		Weldox700/S355	160 01-1231-160201-1
WFS117	MAG/Submerged arc welding	136,121	35-140	BW	FA		Weldox700	160 01-1231-160128-1
WFS118	Wise Root+/MAG	135,136	8-30	BW	PG, PA		S355, D36	160 01-1231-160323-1
WFS119-136	MAG	136	3-12	FW	FB		S355, D36	160 01-1231-160413-1
WFS120-136	MAG	136	5	FW	FB		S355, D36	160 01-1231-160413-1
WFS121-136	MAG	136	3-16	FW	FB		S355, D36	160 01-1231-160412-1
WFS122	MAG/TIG	141,136	3-16	BW	FA		S355, D36	160 01-1231-160411-1
WFS123	MAG/Submerged arc welding	135,136,121	10-200	BW	PG, PA		S355, D36	pWFS16-01
WFS124-141	TIG	141	2,0-5,6	BW	H-L045	30,2...	1.4410	1013-100-090816
WFS125-141	TIG	141	2,0-5,6	BW	PA	30,2...	1.4410	1013-100-090816
WFS126-141	TIG	141	2,0-5,6	BW	H-L045	30,2...	1.4547	1013-101-090816
WFS127-141	TIG	141	2,0-5,6	BW	PA	30,2...	1.4547	1013-101-090816
WFS128-141	TIG	141	2,0-5,6	BW	H-L045	30,2...	1.4410-1.4547	1013-103-090816
WFS129-141	TIG	141	2,0-5,6	BW	PA	30,2...	1.4410-1.4547	1013-103-090816
WFS130-141	TIG	141	2,0-12,0	FW	FB	30,2...	1.4562-1.4547	1013-104-090816
WFS131-136	MAG	136	15-60	BW	FA		S355, D36	H10972
WFS132-131	MIG	131	3,0-12,0	BW	FA		1.4410	120-1310-632401
WFS133-131	MIG	131	3,0-12,0	BW	FA		1.4410	120-1310-632401
WFS134-131	MIG	131	3,0-12,0	BW	FA		1.4410	120-1310-632401
WFS135-131	MIG	131	3,0-12,0	BW	FA		1.4410	120-1310-632501
WFS136-131	MIG	131	3,0-12,0	BW	FA		1.4562/Alloy 31	120-1310-632503
WFS137-131	MIG	131	3,0-12,0	BW	FA		1.4562/Alloy 31	120-1310-632504
WFS138-131	MIG	131	3,0-12,0	BW	FA		1.4562/Alloy 31	120-1310-632504/120-1310-632503
WFS139-131	MIG	131	3,0-12,0	BW	FA		1.4410-1.4462	120-1310-632505/120-1310-532506
WFS140-131	MIG	131	3,0-16,0	BW	FA		1.4410-1.4404	120-1310-633101
WFS141-131	MIG	131	3,0-16,0	BW	FA		1.4410-1.4404	120-1310-633101
WFS142-131	MIG	131	3,0-16,0	BW	FA		1.4410-1.4404	120-1310-633101
WFS143-131	MIG	131	3,0-16,0	BW	FA		1.4410-1.4404	120-1310-633101/633103
WFS144-131	MIG	131	3,0-12,0	BW	FA		1.4562-1.4410	120-1310-633104
WFS145-131	MIG	131	3,0-12,0	BW	FA		1.4562-1.4410	120-1310-633105
WFS146-131	MIG	131	3,0-12,0	BW	FA		1.4562-1.4410	120-1310-633105/633104
WFS147-131	M							



Rolls-Royce

Rolls-Royce Marine AS
P.O. Box 1522
6025 Ålesund
Norway

Certificate of Approval

This is to certify

Mesekon OY

Vendor Number: 100018461

is an approved supplier for
Rolls-Royce Marine

Scope of approval:

- Fabrication

Issue date: 17. July 2015

Andrew Wall

(Supplier Quality Executive)