



Certificate
No. 2541-12



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 2021-08-27
(first issue 1995-01-05).

The certificate is valid until 2024-09-01.

Maija Vanttaja, 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.kiwa.com/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 Sertifointi 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 Sertifointi Oy
P.O. Box 1000,
Sörnäistenkatu 2
FI-00581 Helsinki,
Finland
Tel. + 358 10 521 600



Inspecta Sertifointi Oy



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, Populsion 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	WQPR No
WPS025	plasma	15	2,5-6,5	EW	FA		RAEX650	MES2011-1
WPS032	TIG, MAG	141,136	3,0-12,0	BW	FA	109...	1.4404 / X2CrNiMo17-12-2	32-1
WPS033-121	Submerged arc welding	121	15-50	BW	FA		S355, D36	120-1046-090707
WPS034-121	Submerged arc welding	121	15-60	BW	FA		S355, D36	120-1046-090707
WPS037-136	MAG	136	15-60	BW	FA		S355, D36	120-1046-100225
WPS038-136	MAG	136	6,5-26,0	BW	FA		S355, D36	120-1046-090709
WPS039	MAG, jauhekaari	136, 121	15-200	BW	FA		S355, D36	120-1046-090707, 120-1046-090709
WPS040	Submerged arc welding	121	15-60	BW	FA		S355, D36	120-1046-090707
WPS041	MAG	136	5-16	FW	FE		S355, RAEX650	2010-2
WPS042-141	TIG	141	3,0-8,0	BW	FA	109...	1.4404 / X2CrNiMo17-12-2	42-1
WPS045-136	MAG	136	5-16	FW	FE		S355, RAEX650	1070-10-72
WPS046-136	MAG (mekanisoiitu)	136	3-12	FW	FA		RAEX650	2010-1
WPS45_repair	MAG, Submerged arc weld	136,121	15-200	BW	FA		S355, D36	120-1046-090707, 120-1046-090709
WPS046-141	TIG	141	3,0-6,0	BW	FA		1.4404 / X2CrNiMo17-12-2	42-1
WPS047-136	MAG	136	5-12	FW	FE		S355, D36	120-1046-090709
WPS48-136	MAG	136	8-36	FW	FB		S355, D36	120-1046-100225, 120-1046-090709
WPS49-136	MAG	136	8-60	BW	FA		S355, D36	120-1046-100225, 120-1046-090709
WPS50-136	MAG	136	4-10	FW	FB		1.4404	PR10-222
WPS51-136	MAG	136	3-12	FW	FB		5420, 1.4404	PR10-227
WPS52	MAG/MMA	136, 111	7,5-15	BW	FA		5420	PR11-2010
WPS053-136	MAG	136	6-24	BW	FA		1.4404	PR11-216
WPS054-135	MAG	135	6-24	BW	FF		1.4404	PR11-249
WPS055-135	MAG	135	6-24	BW	FE		1.4404	PR11-250
WPS056-135	MAG	135	5-12	FW	FB		5235	MES2011-2
WPS057-136	MAG	136	5-12	FW	FB		1.4404	HSK40110123-105
WPS058-136	MAG	136	3-24	BW	FF		1.4404	HSK40110123-106
WPS059-135	MAG	135	3-15	FW	FB		Optim650/Optim960	MES2011-2
WPS060-135	MAG	135	3-15	FW	FB		Optim650/Optim960	MES2011-3
WPS061-15	Plasma	15	3,0-6,5	BW	FA		Optim960	MES2010-1, MES2011-4
WPS61	TIG (orbital)	141	3,0-7,2	BW	FA	57...	1.4404 / X2CrNiMo17-12-2	61-1
WPS062-141	TIG	141	3,0-6,4	BW	FA		1.4571, 1.4404	HSK40120123-092
WPS063-141	TIG	141	3,0-6,4	BW	FC		1.4571, 1.4404	HSK40120123-092
WPS064	MAG/Submerged arc welding	136,121	25-100	BW	FA		S355, D36	HSK40120123-090
WPS065	MAG/Submerged arc welding	136, 121	5...	BW	FA		S355, D36	HSK40120123-090
WPS066	MAG	136	4-10	FW	FB		1.4404	PR10-222
WPS067	MAG	136	3-24	BW	FA		1.4404	HSK40110123-106, HSK40110123-105
WPS068	MAG	136	6-24	FW	FB		1.4404	HSK40110123-106, HSK40110123-106
WPS069	MAG, TIG	136,141	3,0-6,4	BW	FA	44,5	1.4404	HSK40110123-106, HSK40110123-106
WPS070-136	MAG	136	3-20	BW	PA		S355, D36	HSK40120123-443-01
WPS071-136	MAG	136	3-12	FW	FB		S355, D36	HSK401300041-023-01
WPS072-136	MAG	136	5	FW	FB		S355, D36	HSK401300041-023-02
WPS073-136	MAG	136	8-60	BW	FA		S355, D36	120-1046-100225, 120-1046-090709
WPS074-136	MAG	136	5-20	FW	FB		1.4404	HSK401300041-135
WPS075-136	MAG	136	2-4	FW	FB		1.4404	HSK401300041-120
WPS076	MAG/TIG	136,141	5-80	BW	FA		1.4404	HSK401300041-124
WPS077-136	MAG	136	3-24	BW	FC		1.4404	HSK401300041-122
WPS078-136	MAG	136	3-24	BW	FF		1.4404	HSK401300041-122
WPS079-136	MAG	136	6-24	BW	PA		S355, D36	HSK401300041-360
WPS080-136	MAG	136	25...	BW	FA		S355, D36	HSK401300041-347
WPS081-136	MAG	136	7-30	BW	FF		Optim 700QL	HSK401300041-118
WPS082-136	MAG	136	7-30	BW	FC		Optim 700QL	HSK401300041-118
WPS083-136	MAG	136	7-60	BW	FC		Optim 700QL/S355	HSK401300041-230
WPS084-136	MAG	136	7-60	BW	FF		Optim 700QL/S355	HSK401300041-230
WPS085-121	Submerged arc welding	121	4-16	BW	PA		Optim 700QL	HSK401300041-231-01
WPS086	Submerged arc welding/MAG	121,136	4-16	BW	PA		Optim 700QL	HSK401300041-231-01, HSK401300041-118
WPS87-136	MAG	136	7-30	BW	PA		Optim 700QL	HSK401300041-118
WPS088-136	MAG	136	15-60	BW	PA		S355, D36	HSK401300041-352
WPS089-136	MAG	136	1,4-20	FW	PB		1.4404/S355	HSK401300041-357
WPS090-136	MAG	136	4-16	FW	PB		1.4404/S355	HSK401300041-363
WPS091-136	MAG	136	5	FW	PB		1.4404/S355	HSK401300041-363
WPS092	TIG, MAG	141,136	5-100	BW	PA		S355, D36	12100-1231-131021
WPS093-136	MAG	136	3-24	BW	PC		S355, D36	12100-1231-131015
WPS094-136	MAG	136	3-24	BW	PF		S355, D36	12100-1231-131015
WPS095-136	MAG	136	3-24	BW	PA		1.4404	HSK401300041-122
WPS096-136	MAG	136	3-24	BW	PA		1.4404	HSK401300041-122
WPS097-141	TIG	141	3,0-6,0	BW	H-L045		1.4404	160 1-1231-140107
WPS98	Submerged arc welding/MAG	121	7-30	BW	PA		S355, D36	HSK40120123-090
WPS99-136	MAG	136	3-12	FW	PD		S355, D36	HSK401300041-025-02
WPS100-136	MAG	136	3-12	FW	PF		S355, D36	HSK401300041-025-02
WPS101-136	MAG	136	3-24	BW	FE		S355, D36	12100-1231-131015
WPS102-136	MAG	136	5-20	FW	PD		1.4404	HSK401300041-135
WPS103-136	MAG	136	5-20	FW	PF		1.4404	HSK401300041-135
WPS104-136	MAG	136	3-24	BW	FE		1.4404	HSK401300041-122
WPS105	Submerged arc welding/MAG	121, 136	4-16	BW	PA		Hardox400	MES2010-1
WPS106-136	MAG	136	5-20	FW	PB		1.4462	160 01-1231-151008-1/150921-01
WPS107-136	MAG	136	5-20	FW	PF		1.4462	160 01-1231-150921-01
WPS108-136	MAG	136	2-4	FW	PB		1.4462	160 1-1231-150928-1
WPS109-136	MAG	136	3-24	BW	PA		1.4462	160 1-1231-151002-2/150924-1
WPS110-136	MAG	136	3-24	BW	FF		1.4462	160 1-1231-151002-2
WPS111-136	MAG	136	3-24	BW	FC		1.4462	160 1-1231-150924-1
WPS112-136	MAG	136	3-24	BW	PA		1.4462	160 1-1231-151002-2/150924-1
WPS113-141	TIG	141	1,4-2,6	BW	H-L045	25,0...	1.4462	160 01-1231-151002-1
WPS114-141	TIG	141	2,0-4,0	BW	H-L045	25,0...	1.4462	160 01-1231-151176-01
WPS115	MAG/Submerged arc welding	136, 121	4-16	BW	PA		Optim 700QL	HSK401300041-231-01, HSK401300041-118
WPS116-121	Submerged arc welding	121	25-140	BW	PA		Weldox700/S355	160 01-1231-160201-1
WPS117	MAG/Submerged arc welding	136,121	35-140	BW	PA		Weldox700	160 01-1231-160128-1
WPS118	Wise Root+/MAG	135,136	8-30	BW	PG, PA		S355, D36	160 01-1231-160323-1
WPS119-136	MAG	136	3-12	FW	PB		S355, D36	160 01-1231-160413-1
WPS120-136	MAG	136	5	FW	PB		S355, D36	160 01-1336-160413-1
WPS121-136	MAG	136	3-16	FW	PB		S355, D36	160 01-1231-160412-1
WPS122	MAG/TIG	141,136	3-16	BW	PA		S355, D36	160 01-1336-160411-1
WPS123	MAG/Submerged arc welding	135,136,121	10-200	BW	PG, PA		S355, D36	pWPS16-01
WPS124-141	TIG	141	2,0-5,6	BW	H-L045	30,2...	1.4410	1013-100-090816
WPS125-141	TIG	141	2,0-5,6	BW	PA	30,2...	1.4410	1013-100-090816
WPS126-141	TIG	141	2,0-5,6	BW	H-L045	30,2...	1.4547	1013-101-090816
WPS127-141	TIG	141	2,0-5,6	BW	PA	30,2...	1.4547	1013-101-090816
WPS128-141	TIG	141	2,0-5,6	BW	H-L045	30,2...	1.4410-1.4547	1013-103-090816
WPS129-141	TIG	141	2,0-5,6	BW	PA	30,2...	1.4410-1.4547	1013-103-090816
WPS130-141	TIG	141	2,0-12,0	FW	PB	30,2...	1.4562-1.4547	1013-104-090816
WPS131-136	MAG	136	15-60	BW	PA		S355, D36	H10972
WPS132-131	MIG	131	3,0-12,0	BW	FF		1.4410	120-1310-632401
WPS133-131	MIG	131	3,0-12,0	BW	FC		1.4410	120-1310-632401
WPS134-131	MIG	131	3,0-12,0	BW	PA		1.4410	120-1310-632401
WPS135-131	MIG	131	3,0-12,0	FW	FB		1.4410	120-1310-632501
WPS136-131	MIG	131	3,0-12,0	BW	FF		1.4562/Alloy 31	120-1310-632503
WPS137-131	MIG	131	3,0-12,0	BW	FC		1.4562/Alloy 31	120-1310-632504
WPS138-131	MIG	131	3,0-12,0	BW	PA		1.4562/Alloy 31	120-1310-632504/120-1310-632503
WPS139-131	MIG	131	3,0-12,0	FW	PB		1.4410-1.4462	120-1310-632505/120-1310-532506
WPS140-131	MIG	131	3,0-16,0	BW	FC		1.4410-1.4404	120-1310-633101
WPS141-131	MIG	131	3,0-16,0	BW	FF		1.4410-1.4404	120-1310-633101
WPS142-131	MIG	131	3,0-16,0	BW	PA		1.4410-1.4404	120-1310-633101
WPS143-131	MIG	131	4,0-16,0	FW	PB		1.4410-1.4404	120-1310-633102/633103
WPS144-131	MIG	131	3,0-12,0	BW	FF		1.4562-1.4410	120-1310-633104
WPS145-131	MIG	131	3,0-12,0	BW	FC		1.4562-1.4410	120-1310-633105
WPS146-131	MIG	131	3,0-12,0	BW	PA		1.4562-1.4410	120-1310-633105/633104
WPS147-131								



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)