



**Certificate**  
No. 2541-11



CERTIFICATE

Inspecta Sertifiointi 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](http://www.inspecta.fi)

Inspecta Sertifiointi Oy

P.O. Box 1000,

Sörnäistenkatu 2

FI-00581 Helsinki,

Finland

Tel. +358 10 521 600



Inspecta Sertifiointi Oy



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

### OHSAS 18001:2007

Certification covers

**Contract manufacturer.**

**The workshop manufactures of steel and special materials as well components  
as pre-assembled structures, including network and project management.**

The certificate is issued on 2017-12-04.

The certificate is valid until 2020-09-01.



Mikko Törmänen, 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.inspecta.fi](http://www.inspecta.fi)



In compliance with Regulation 305/2011/EU 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

**Structural welded steel components and kits**

Execution classes EXC1, EXC2 and EXC3

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

Responsible welding coordinator Mr Tero Nättiaho, IWE FI 00376, Level C

produced by or for

**Mesekon Oy**

Tierankatu 9, 20520 TURKU, FINLAND

and produced in the manufacturing plant(s) Turku, Finland

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 fulfils all the prescribed requirements set out above.**

This certificate was first issued on **2015-06-16** and will remain valid as long the test methods and/or factory production control requirements included in the harmonised standard, used to assess the performance of the declared characteristics, do not change, and the product, and the manufacturing conditions in the plant are not modified significantly. The validity of the certificate can be checked on the Internet at [www.inspecta.fi](http://www.inspecta.fi).

Inspecta Sertifiointi Oy, notified body No 0416, has issued the certificate on 2015-06-16

Tomi Kasurinen, Managing Director



**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****has been approved for the following range of applications****Pipelines  
Machinery Components  
Containers****and the following particulars  
Auxiliary Machinery Units,  
Propulsion Unit Bodies,  
EGS-System Components,  
Crane Booms,  
Fire Water Pumps,****Manufacturer(s) approved by this certificate are accepted to deliver according to  
DNV GL, DNV and GL Rules.****Welding supervisor:****Tero Nättiäho****Deputy welding supervisor:****Kari Rantanen****Issued at Hamburg on 2016-10-20****This Certificate is valid until 2019-06-30.****DNV GL local station: Turku****Approval Engineer: Gordon Stieb****for DNV GL  
Digitally Signed By: Roehr, Stefan  
Location: DNV GL Hamburg, Germany  
Signing Date: 2016-10-20, on behalf of****Thorsten Lohmann  
Head of Section**



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
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
WPSM7-136	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	FE		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	14-20	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	MES2015-1
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	FA		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	FA		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	PB		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	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)