CERTIFICATE

Conformity of the Factory Production Control

2451-CPR-EN1090-2018.0050.003

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 following construction product:

Construction product	**Structural components and kits for steel structures to EXC2 according to EN 1090-2**
Intended use	for load-bearing structures in all types of buildings
CE - marking method	ZA.3.2 and ZA.3.4 acc. to EN 1090-1:2009+A1:2011
	produced by or for
Manufacturer	**VJ Rørteknik AS** **Skagerrakvej 35** **6715 Esbjerg N** **DENMARK**
Manufacturing plant Production facility of the manufacturer	VJ Rørteknik AS Skagerrakvej 35 6715 Esbjerg N DENMARK
Confirmation	This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the harmonised standard **EN 1090-1:2009+A1:2011** under system 2+ are applied, and that the factory production control fulfills all the prescribed requirements stated therein.
Date of first issue	09.03.2018
Next Surveillance audit	08.03.2024
Period of validity	This certificate will remain valid as long as the test methods and/or the 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.
Remarks	see reverse

Place and date of issue Düsseldorf, 17.06.2021
Dupont

Dipl.-Ing. Gurschke
Head of certification body

SLV HANNOVER

NSK Nordisk Svejse Kontrol A/S

Welding Certificate

SLVHa-EN1090-2.00781.2018.003

in accordance with EN 1090-1, table B.1, its hereby declared:
The manufacturer has produced evidence that he fulfills the requirements of the European standard EN 1090-2 for execution of structural steel components

Manufacturer	**VJ Rørteknik A/S** **Skagerrakvej 35** **6715 Esbjerg** **DENMARK**
Technical specification	**EN 1090-2:2018**
Execution class(es)	**EXC2 according to EN 1090-2**
Welding Process(es) (Reference no. acc. to DIN EN ISO 4063)	135, 141, 142
Material Group	1.1, 1.2 according to CEN ISO/TR 15608 and EN 1090-2 (2018), table 2 and 3 8 according to CEN ISO/TR 15608 and EN 1090-2 (2018), table 4
Responsible Welding Coordinator (Title, Surname, Name, Qualification, Date of birth)	Johnni Hedegaard born on: 20.08.1988
Substitute (Title, Surname, Name, Qualification, Date of birth)	-
Confirmation	Based on the regulations as stipulated in the above mentioned technical specification (s) all requirements concerning welding have been fulfilled.
Validity start	08.03.2021
Period of validity	08.03.2024
Remarks	see reverse

GSI mbH - SLV Hannover GSI SLV 8 anerkannte Stelle

Place and date of issue	Hannover, 11.06.2021 Dupont/SU

Dipl.-Ing. Schnoy
Head of test body

Audit report on the monitoring of the factory production control (FPC) and audit according to ISO 3834

☒ **FPC certificate according to EN 1090-1 combined with:**

☒ **EN 1090-2**	**EXC 2**
☐ **EN 1090-3**	**EXC -**
☐ **EN 1090-4**	**EXC -**
☐ **EN 1090-5**	**EXC -**

☒ **Welding certificate for structural steel engineering according to EN 1090-2** **EXC 2**

☐ **Welding certificate for aluminium according to EN 1090-3** **EXC -**

☐ **Other product standards according to the Industrial Code for Construction Products - BauPVO (please specify):**

☐ **ISO 3834-2** ☒ **ISO 3834-3** ☐ **ISO 3834-4**

☐ Initial inspection ☐ Continuous monitoring ☐ Reaudit

Customer number:	602426
Manufacturer (or authorised representative) and Address:	VJ Rørteknik A/S Skagerrakvej 35 DK - 6715 Esbjerg
Manufacturer's Factory 1 (or assembly base if necessary) and Address:	☐ as above
Manufacturer's Factory 2 (or assembly base if necessary) and Address:	☐ as above

Z000796886AB

Auditbericht
20217210039-00001

Auditors:	Keld Dupont
Date of the audit:	04.05.2021
Place(s) of the audit:	Skagerrakvej 35 DK - 6715 Esbjerg
Duration of the audit:	8h

4. Testing procedures

Qualifications in compliance with DIN EN ISO 9712 are available for the following testing procedures:

☒ VT, visual inspection
☐ PT, penetrant test
☐ MT, magnetic particle test
☐ RT, radiographic test
☐ UT, ultrasonic test
☐ Others:

The inspection personnel for visual inspections has been trained and instructed correspondingly:

☐ Yes
☐ No

5. Procedure qualification(s) for welding

Procedure qualifications are available for the following materials:

Material group	Examples of materials	ISO 15610	ISO 15612 ISO 15613 ISO 15614	Remarks	Entry in the welding certificate EN 1090	Entry in the certificate ISO 3834
1.1	S235, S275	☒	☒		☐	☒
1.2	S355		☒		☐	☒
1.3	S460N		☐		☐	☐
1.4	S355J2W		☐		☐	☐
2.1	S460M		☐		☐	☐
2.2	S550MC		☐		☐	☐
3.1	S460QL, S690QL		☐		☐	☐
8.1	1.4301, 1.4571	☐	☒	Z-30.3-6	☒	☒
8.2	1.4529, 1.4569		☒		☒	☒
10.1	1.4462		☐		☐	☐
22	AlMg3		☐		☐	☐
23	AlMgSi0,5; AlMgSi1; AlZn4,5Mg1		☐		☐	☐
		☐	☐		☐	☐

6. Miscellaneous procedure qualifications

The existing proof of procedure qualifications was available and examined (also see the FPC check list).

☐ Thermal cutting
☒ Punching/perforation/shearing
☐ Flame straightening
☒ Mechanical joints
☐ Miscellaneous:

11. non-conformance (NC - must be rectified before the certificate is granted),
Notes (N - binding: rectification by the next audit or the defined deadline),
Recommendations (R - non-binding: possible improvement potential)

The deviations which were established during the audit and must be rectified before the certificate is issued are listed below.

Cons. no.	Description of the non-conformance (NC)	Remark	Dead-line	Completion remark, Auditor	Name, Date
NC1		☐ pa ☐ wp			
NC2		☐ pa ☐ wp			
NC3		☐ pa ☐ wp			
NC4		☐ pa ☐ wp			
NC5		☐ pa ☐ wp			

(pa = post audit; wp = written proof)

The notes and the recommendations are listed below. The implementation of the notes will be checked during the next audit.

Cons. No.	N/R	Description of note (N) or recommendation (R)
1	☐ N ☐ R	
2	☐ N ☐ R	
3	☐ N ☐ R	
4	☐ N ☐ R	
5	☐ N ☐ R	

Audit results

On the basis of the executed audit, the auditor(s) confirm(s) that the requirements according to EN 1090 1 and EN 1090 2/3 in the specified execution class or according to ISO 3834 in the specified part of the standard (in the event of combined audits for EN 1090 1 / ISO 3834):

EN 1090	ISO 3834	
☒	☒	have been satisfied
☐	☐	have not been satisfied - Corrective measures for the established deviations must be proven
☐	☐	have not been satisfied - Re-audit required

Remarks	
Next audit: 08.03.2024	☒ Continuous monitoring (EN 1090) ☒ Reaudit (ISO 3834)

Place/date:	04.05.2021 NSK K.E.D. Nordisk Svejse Kontrol A/S
Auditor(s) (signature):	Keld Dupont
Noted	
Person responsible for the FPC (signature):	Johnni Hedegaard
Responsible welding supervisor (signature):	Johnni Hedegaard

Issuing of the certificate(s):

☒ EN 1090-1 combined with: ☒ EN 1090-2 ☐ EN 1090-3 ☐ EN 1090-4 ☐ EN 1090-5	is recommended
☒ ISO 3834 ☐ -2 ☒ -3 ☐ -4	is recommended SLV Hannover
welding certificate ☒ EN 1090-2 ☐ EN 1090-3	is recommended
Date:	04.05.2021
Auditor (name and signature):	Keld Dupont NSK K.E.D. Nordisk Svejse Kontrol A/S