

Welding Certificate

TÜVRh-EN1090-2.01987.2018.002

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	Vortex Aquatic Structures International Inc.	
	328 Rue Avro H9R 5W5, Pointe-Claire CANADA	
Technical specification	EN 1090-2:2008+A1:2011	
Execution class(es)	EXC2 according to EN 1090-2	
Welding Process(es) <small>(Reference no. acc. to DIN EN ISO 4063)</small>	135 - Metal active gas welding, partly mechanized 141 - TIG gas tungsten arc welding	
Material Group	8 according to CEN ISO/TR 15608 and EN 1090-2, table 4	
Responsible Welding Coordinator <small>(Title, Surname, Name, Qualification, Date of birth)</small>	Louis Parent, Level S	born on: 19.06.1971
Substitute <small>(Title, Surname, Name, Qualification, Date of birth)</small>	Stephane Leger, Level S	born on: 18.06.1974
Confirmation	All provisions concerning welding as described in the above mentioned technical specification(s) were applied.	
Validity start	24.04.2017	
Period of validity	23.04.2020	
Remarks	-	
Place and date of issue	Cologne, 08.06.2018 Marin/NW	 Dipl.-Ing. Makowka Head of certification body



Certificate number: TÜVRh-EN1090-2.01987.2018.002

General Terms

1. This certificate is valid as long as the terms of the above technical specifications themselves or the manufacturing conditions of the essential manufacturing factory have not changed significantly.
2. This certificate may only be reproduced or published for advertising or other purposes than as a whole. The text of promotional material doesn't has to be in conflict with this certificate.
3. In case of any doubt as to the suitability of the manufacturing factory(ies) there is the possibility reserved by the inspection authority to carry out an unexpected spot checks in the manufacturing factory paid by the manufacturer
4. This certificate may be withdrawn at any time with immediate effect and be amended or modified if the conditions under which it was granted have changed, or if the terms of this certificate are not met.
5. The following changes must be reported to the inspection authority:
 - a) New production or significant changes to essential manufacturing facilities;
 - b) Change of the welding coordinator;
 - c) inception of new welding processes, new base materials and related WPQRs (welding procedure qualification record)
 - d) new essential manufacturing facilities

The inspection authority will cause a supplementary examination in the cases cited
6. At least two months before the expiry date there shall be submitted an application to the inspection authority, when the qualification should be recertified.

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1. Applicant
2. File