



# APPROVAL OF MANUFACTURER CERTIFICATE

Certificate No:  
**AMPM000025**  
Revision No:  
**1**

This is to certify:

That

**Stanley Plastics Ltd**  
**Midhurst, West Sussex, United Kingdom**

is an approved manufacturer of  
**Acrylic plastic**

in accordance with  
**DNV GL rules for classification – Underwater technology**

and the following particulars:

<b>Product</b>	<b>Acrylic Plastic Castings and Acrylic Windows</b>
<b>Approved manufacturing processes:</b>	<b>Casting, machining, surface finishing (grinding, polishing), annealing</b>

The manufacturer has an appropriate quality-assurance system, which has been additionally subjected to a specific assessment for acrylic plastic in accordance with the European Pressure Equipment Directive 2014/68/EU in its valid version and has shown the capability to manufacture above mentioned products.

Furthermore the manufacturer has shown the capability of manufacturing acrylic material for windows and Type 1 custom castings according to the requirements of ASME PVHO-1-2019, Section 2, Article 3.

This certificate is valid under consideration of following remarks:

- The certification according to ISO 9001 has to be maintained.
- For each batch of acrylic plastic to be made into windows, samples shall be tested, and test results shall be documented and kept available.
- For each batch test certificates have to be issued covering all required terms of above-mentioned applicable rules and standards.

Manufacturer(s) approved by this certificate is/are accepted to deliver according to DNV GL, DNV and GL rules. Materials to be applied to DNV classed object shall fulfill the material requirements in the applicable DNV class rules.

Issued at **Hamburg** on **2021-09-09**

This Certificate is valid until **2024-05-24**.

for **DNV**

DNV local station: **Hamburg**  
**Pressure & Underwater Technology**

Approval Engineer: **Dr.-Ing. Stephan Hinz**

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**Jonathan Struwe**  
**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 AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") 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.



Form code: AM 311

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Job Id: **263.11-011659-1**  
Certificate No: **AMPM0000025**  
Revision No: **1**

## Particulars of the approval

The renewal audit has been carried out on-site at the manufacturer as stated by the workshop inspection program 'Acrylic Plastic for Pressure Vessels', issued 2021-05-24 by Matthew John Gaskin.

The UKAS accredited laboratory **Smithers MSE Limited**, Shawbury, Shrewsbury, SY4 4NR, United Kingdom has been assessed on base of its function as being the contracted laboratory of the manufacturer as stated by DNV under AoSS (Approval of Service Suppliers), A0977649 (263.11-011216-1), issued 2021-05-08 by Simon Bolton.

Smithers MSE Limited have the necessary competence and controls in place to perform the subcontract testing for Stanley Plastics Ltd.

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