

TYPE APPROVAL CERTIFICATE**This is to certify:****That the Cargo Securing Devices**with type designation(s)
GW 105 PES / 2300 & GWS 30

Issued to

Grönheit & Weigel GmbH
Tönisvorst, Nordrhein-Westfalen, Germanyis found to comply with
EN 12195-2 Load restraint assemblies on road vehicles – Safety – Part 2: Web lashing made from man-made fibres**Application :****Polyester woven one way lashing**

Break strength test results:

linear system

1. 2.474 daN / 4.046 daN
2. 2.517 daN / 3.961 daN
3. 2.488 daN / 4.207 daN

Linear: breaking strength of strapping only

System: system breaking strength of strapping connected by the buckle GWS 30

Breaking strength of strapping: minimum 2.300 daN

Place and date of test: Neuss, Germany, 2019-06-13

Issued at **Hamburg** on **2019-10-02**This Certificate is valid until **2024-10-01** .DNV GL local unit: **Essen**Approval Engineer: **Joachim Rehbein**for **DNV GL**Digitally Signed By: Dau, Gabi
Location: DNV GL Hamburg, Germany
Signing Date: 2019-10-02 , on behalf of**Thorsten Lohmann**
Head of Section

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid. The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.

