



Load test certificate for hydrant pit covers

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Product	Hydrant pit cover (lid)
Drawing No.	Not specified
Identification/Serial Numbers	<ul style="list-style-type: none"> • Lid V12; S/N 0001 • Lid V13; S/N 0010 • Lid V14; S/N 0002
Examination and Certification Basics with issue date	<ul style="list-style-type: none"> • Lid V12: Load test with $F_T = 900$ kN conducted in accordance with <ul style="list-style-type: none"> ○ DIN EN 124-1:2015-09 ○ DIN EN 124-3:2015-09 • Lid V13: Load test with $F_T = 900$ kN conducted in accordance with <ul style="list-style-type: none"> ○ DIN EN 124-1:2015-09 ○ DIN EN 124-3:2015-09 • Lid V14: Load test with $F_T = 900$ kN conducted in accordance with <ul style="list-style-type: none"> ○ DIN EN 124-1:2015-09 ○ DIN EN 124-3:2015-09
Type of examination	Type test
Date of examination	July 02 nd , 2020

<p>Examination result</p> <p>Deflection under load test load $F_D = 300$ kN</p> <p>Specification: No default</p>	<ul style="list-style-type: none"> • Lid V12: 0,0082 mm/ mm LW (absolute deflection: 3,31 mm) • Lid V13: 0,0078 mm/ mm LW (absolute deflection: 3,16 mm) • Lid V14: 0,0083 mm/ mm LW (absolute deflection: 3,35 mm)
<p>Examination result</p> <p>Permanent deformation test load $F_P = 600$ kN 5 cycles</p> <p>Specification: Permanent deformation ≤ 0.81 mm, no cracks or delamination</p>	<ul style="list-style-type: none"> • Lid V12: 0,38 mm no cracks or delamination • Lid V13: 0,43 mm no cracks or delamination • Lid V14: 0,02 mm no cracks or delamination
<p>Examination result</p> <p>Load capacity test load $F_T = 900$ kN holding time $t = 30$ s</p> <p>Specification: Shall not show cracks or delamination in the course of the test when viewed without magnification</p>	<ul style="list-style-type: none"> • Lid V12: No cracks or other defects • Lid V13: No cracks or other defects • Lid V14: No cracks or other defects
<p>Assessment of the examination</p>	<ul style="list-style-type: none"> • Lid V12: Does comply with class F 900 • Lid V13: Does comply with class F 900 • Lid V14: Does comply with class F 900

Name and signature of the person responsible
for the examination



A097.03.20_3
Ingolstadt, July 09th, 2020

A handwritten signature in black ink, appearing to read 'S. Lechner'.

i.A. Dipl.-Ing. S. Lechner

A handwritten signature in blue ink, appearing to read 'R. Malke'.

i.V. Dr.-Ing. R. Malke