

LLOYD'S REGISTER TYPE APPROVAL – DESIGN APPRAISAL DOCUMENT
Issued by: Hamburg Technical Support Office (HPC 1661074, prev. HPC1661029)
Issued to VIEGA GMBH & CO. KG
For: PRESS-IN BRANCH CONNECTOR - MEGAPRESS

The undernoted documents have been reviewed for compliance with the requirements of the Lloyd's Register Type Approval System Procedure TA14 Version 04 (September 2020) and this Design Appraisal Document forms part of the Certificate.

TEST REPORTS

HPC1661029	Production Quality Assessment incl. pressure tests witnessed by LR Surveyor	29.07.2021
120005269	Hydraulic tightness, pneumatic tightness, burst pressure, pull-out, pressure impulse and vacuum test according to IACS P2.11 for Megapress Press-in-branch connector Rp $\frac{3}{4}$ and tubes acc. ASTM A53/A53M schedule 10 and schedule 40 at test laboratory MPA NRW /Germany	12.03.2019
005-19	Fire resistance test of pipe line component acc. ISO 19921 with water for branch connector Schedule 10, 1 $\frac{1}{2}$, 3 and 6" with FKM at IHA Dresden	15.01.2019
004-19	Fire resistance test of pipe line component acc. ISO 19921 with water for branch connector Schedule 10, 1 $\frac{1}{2}$, 3 and 6" with EPDM at IHA Dresden	15.01.2019
049-18	Fire resistance test of pipe line component acc. ISO 19921 with water for branch connector Schedule 10, 1 $\frac{1}{2}$, 3 and 6" with FKM at IHA Dresden	07.08.2018
050-18	Fire resistance test of pipe line component acc. ISO 19921 with water for branch connector Schedule 10, 1 $\frac{1}{2}$, 3 and 6" with EPDM at IHA Dresden	07.08.2018
120005091	Pressure pulsation and pull-out test according to IACS P2.11 for connection of branch adapter Rp $\frac{3}{4}$ and tubes with dimensions OD 48,3 x 2,3 mm, 76,1 x 2,6 mm and 168,3 x 2,9 mm at test laboratory MPA NRW /Germany	09.02.2018
LE-2016-0240	Tightness test, burst pressure test and vacuum test according IACS P 2.11 for branch adapter including reducer in conjunction with several pipe sizes from 48,3 to 168,3 mm OD at Viega witnessed by DNV-GL	02.03.2016
013-16	Fire endurance test according ISO 19921 for $\frac{3}{4}$ " branch adapter fitted to 6", 2-1/2" and 1-1/2" pipes at test laboratory IHA in Dresden / Germany	11.03.2016

APPROVAL DOCUMENTATION

-	Application Form to LR Type Approval	15.12.2021
17/20059(E1)-02	Previous Type Approval Certificate	14.12.2020
1006357, ver. B	Force fit adapter MegaPress, dim. 1-1/2 x 3/4	10.09.2018
1007039, ver. B	Force fit adapter MegaPress, dim. 2-1/2 x 3/4	10.09.2018
1007030, ver. B	Force fit adapter MegaPress, dim. 2 x 3/4	10.09.2018
1007050, ver. B	Force fit adapter MegaPress, dim. 3 x 3/4	10.09.2018
1007070, ver. B	Force fit adapter MegaPress, dim. 4 x 3/4	10.09.2018
1007075, ver. B	Force fit adapter MegaPress, dim. 6 x 3/4	10.09.2018
4878.5	Instruction for use, Megapress tool set for Megapress press-in branch connector US	13.04.2017
TD-MP 0319	Press-In Branch Connector – technical data	-
DD-MP 1218	Dimensional document Viega MegaPress Branch Connector	-
435030	Adapter MEGAPRESS, dimension 1-½ x 3/4	09.12.2015
456736	Adapter MEGAPRESS	16.12.2015
101768	Labelling adapter	16.03.2016
438091	Sealing	23.02.2015
-	Megapress tool set for Megapress press-in connection Instruction for use	2015

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Supplementary Type Approval Terms and Conditions

Type Approval certifies that a representative sample of the product(s) referred to herein has/have been found to meet the applicable design criteria for the use specified herein. It does not mean or imply approval for any other use, nor approval of any product(s) designed or manufactured otherwise than in strict conformity with the said representative sample.

Type Approval is based on the understanding that the manufacturer's recommendations and instructions and any relevant requirements of the Rules and Regulations are complied with.

Type Approval does not eliminate the need for normal inspection and survey procedures required by the Rules and Regulations. Lloyd's Register EMEA reserves the right to cancel or withdraw this Type Approval Certificate in accordance with the Lloyd's Register Type Approval System Procedure.