



Fuelstar Surveillance Scheme

Manufacturing Licence

Issued to: OPW Sweden AB, Fabriksgatan 3, Box 70, S-73622 Kungsör, Sweden

Products : The KPS Petrol Pipe System™

The list of part numbers covered by this Certificate is shown on pages 2 to 4.

This is to certify that samples of the products defined above have been checked by RINA Consulting Ltd and found to comply with the requirements of the following:

EN 14125:2013 Thermoplastic and flexible metal pipework for underground installation at petrol filling stations

Institute of Petroleum Performance Specification for Underground Pipework Systems at Petrol Filling Stations, Second Edition, February 2001, ISBN 0 85293 323 1.

The Fuelstar Surveillance Scheme is operated in accordance with Annex A of this Specification.

Test details are given in relevant RINA Test Certificates

Duration of validity of this Certificate: Valid until 31st August 2022

NOTE 1: This certificate should only be reviewed or reproduced in full.

NOTE 2: Validity of this certificate is based on passing ongoing Fuelstar testing.

NOTE 3: This certificate remains the property of RINA. RINA reserves the right to withdraw or revise it following written notification to the issuee. Any revision is indicated by a change in certificate number.

NOTE 4: The part numbers specified in this document are approved for temperature class T2 (-20 °C) from BS EN 14125:2013.

Certificate prepared by :

A handwritten signature in black ink, appearing to read 'Andy Wooldridge'.

Andy Wooldridge
Materials Consultant

Certificate approved by :

A handwritten signature in black ink, appearing to read 'Ben Hickman'.

Ben Hickman
Laboratory Manager

Licence number: 2016-0275-ML24

Dated: 10/08/2021

This certificate should only be reviewed in full

RINA Tech UK Ltd, 1 Springfield Drive, Leatherhead, Surrey KT22 7AJ, UK

Product No:	Size	Component	Application
KP 10-110	110 mm	End cap	PP/VA/FI/VE/VR
KP 10-32	32 mm	End cap	PP/VA/FI/VE/VR
KP 10-63	63 mm	End cap	PP/VA/FI/VE/VR
KP 10-90	90 mm	End cap	PP/VA/FI/VE/VR
KP 110E	110 mm	Version 5 pipe	PP/VA/FI/VE/VR
KP 110EC	110 mm	Conductive pipe	PP/VA/FI/VE/VR
KP 125SC	125 mm	Secondary pipe, see KP125/110SC	CS2
KP 125/110SC	125/110 mm	Secondary system	PP/VA/FI/VE/VR/CS2
KP 125/110SCEC	125/110 mm	Secondary system	PP/VA/FI/VE/VR/CS2
KP 2-110	110 mm	Welding socket	PP/VA/FI/VE/VR
KP 2-125SC	125 mm	Secondary welding socket	CS2
KP 2-125/110SC	125/110 mm	Integrated welding socket	PP/VA/FI/VE/VR/CS2
KP 2-125/110SCA	125/110 mm	Integrated welding socket	PP/VA/FI/VE/VR/CS2
KP 2-160SC	160 mm	Secondary welding socket	CS2
KP 23-110	110 mm	Integrated 90° bend	PP/VA/FI/VE/VR
KP 2-32	32 mm	Welding socket	PP/VA/FI/VE/VR
KP 23-63	63 mm	Integrated 90° bend	PP/VA/FI/VE/VR
KP 23-90	90 mm	Integrated 90° bend	PP/VA/FI/VE/VR
KP 24-110	110 mm	Integrated 45° bend	PP/VA/FI/VE/VR
KP 24-63	63 mm	Integrated 45° bend	PP/VA/FI/VE/VR
KP 24-90	90 mm	Integrated 45° bend	PP/VA/FI/VE/VR
KP 2-54	54 mm	Welding socket	PP/VA/FI/VE/VR
KP 2-63	63 mm	Welding socket	PP/VA/FI/VE/VR
KP 2-75SC	75 mm	Secondary pipe, see KP73/63SC	CS2
KP 2-75/63SC	75/63 mm	Integrated welding socket	PP/VA/FI/VE/VR/CS2
KP 2-75/63SCA	75/63 mm	Integrated welding socket	PP/VA/FI/VE/VR/CS2
KP 28-110	110 mm	Weldable tee	PP/VA/FI/VE/VR
KP 28-63	63 mm	Weldable tee	PP/VA/FI/VE/VR
KP 28-90	90 mm	Weldable tee	PP/VA/FI/VE/VR
KP 2-90	90 mm	Welding socket	PP/VA/FI/VE/VR
KP 29-90/63	90/63 mm	Weldable reduction	PP/VA/FI/VE/VR
KP 3-110	110 mm	90° bend	PP/VA/FI/VE/VR
KP 3-110F	110 mm	90° formed bend	PP/VA/FI/VE/VR
KP 3-110FC	110 mm	90° formed bend Conductive	PP/VA/FI/VE/VR
KP 3-110FCL	110 mm	90° formed bend Conductive	PP/VA/FI/VE/VR
KP 3-110FLL	110 mm	90° formed bend	PP/VA/FI/VE/VR
KP 3-125/110SC	125/110 mm	90° formed bend	PP/VA/FI/VE/VR/CS2
KP 3-125/110SCEC	125/110 mm	90° formed bend Conductive	PP/VA/FI/VE/VR/CS2
KP 3-54F	54 mm	90° formed bend	PP/VA/FI/VE/VR
KP 3-54FC	54 mm	90° formed bend Conductive	PP/VA/FI/VE/VR
KP 3-54FCL	54 mm	90° formed bend Conductive	PP/VA/FI/VE/VR
KP 3-54FLL	54 mm	90° formed bend	PP/VA/FI/VE/VR
KP 3-54FLL	54 mm	90° formed bend	PP/VA/FI/VE/VR
KP 3-63	63 mm	90° bend	PP/VA/FI/VE/VR
KP 3-63F	63 mm	90° formed bend	PP/VA/FI/VE/VR
KP 3-63FC	63 mm	90° formed bend Conductive	PP/VA/FI/VE/VR
KP 3-63FCL	63 mm	90° formed bend Conductive	PP/VA/FI/VE/VR
KP 3-63FLL	63 mm	90° formed bend	PP/VA/FI/VE/VR
KP 3-63FLL	63 mm	90° formed bend	PP/VA/FI/VE/VR
KP 3-75/63SC	75/63 mm	90° formed bend	PP/VA/FI/VE/VR/CS2
KP 3-75/63SCEC	75/63 mm	90° formed bend Conductive	PP/VA/FI/VE/VR/CS2
KP 3-90	90 mm	90° bend	PP/VA/FI/VE/VR
KP 3-90F	90 mm	90° formed bend	PP/VA/FI/VE/VR
KP 3-90FC	90 mm	90° formed bend Conductive	PP/VA/FI/VE/VR
KP 3-90FCL	90 mm	90° formed bend Conductive	PP/VA/FI/VE/VR
KP 3-90FLL	90 mm	90° formed bend	PP/VA/FI/VE/VR
KP 4-110	110 mm	45° bend	PP/VA/FI/VE/VR
KP 4-110FC	110 mm	45° formed bend Conductive	PP/VA/FI/VE/VR
KP 4-125/110SC	125/110 mm	45° formed bend	PP/VA/FI/VE/VR/CS2
KP 4-125/110SCEC	125/110 mm	45° formed bend Conductive	PP/VA/FI/VE/VR/CS2
KP 4-54F	54 mm	45° formed bend	PP/VA/FI/VE/VR
KP 4-54FC	54 mm	45° formed bend Conductive	PP/VA/FI/VE/VR
KP 4-63	63 mm	45° bend	PP/VA/FI/VE/VR
KP 4-63F	63 mm	45° formed bend	PP/VA/FI/VE/VR

Product No:	Size	Component	Application
KP 4-63FC	63 mm	45° formed bend Conductive	PP/VA/FI/VE/VR
KP 4-75/63SC	75/63 mm	45° formed bend	PP/VA/FI/VE/VR/CS2
KP 4-75/63SCEC	75/63 mm	45° formed bend Conductive	PP/VA/FI/VE/VR/CS2
KP 4-90	90 mm	45° bend	PP/VA/FI/VE/VR
KP 4-90F	90 mm	45° formed bend	PP/VA/FI/VE/VR
KP 4-90FC	90 mm	45° formed bend Conductive	PP/VA/FI/VE/VR
KP 5-110	110 mm	Stub flange	PP/VA/FI/VE/VR
KP 54E	54 mm	Version 5 pipe	PP/VA/FI/VE/VR
KP 54EC	54 mm	Conductive pipe	PP/VA/FI/VE/VR
KP 5-54	55 mm	Stub flange	PP/VA/FI/VE/VR
KP 5-63	63 mm	Stub flange	PP/VA/FI/VE/VR
KP 5-90	90 mm	Stub flange	PP/VA/FI/VE/VR
KP 6-110	110 mm	Separate flange	PP/VA/FI/VE/VR
KP 63E	63 mm	Version 5 pipe	PP/VA/FI/VE/VR
KP 63EC	63 mm	Conductive pipe	PP/VA/FI/VE/VR
KP 6-54	54 mm	Separate flange	PP/VA/FI/VE/VR
KP 6-63	63 mm	Separate flange	PP/VA/FI/VE/VR
KP 6-90	110 mm	Separate flange	PP/VA/FI/VE/VR
KP 7-110/90	110/90 mm	Gasket	PP/VA/FI/VE/VR
KP 75SC	75 mm	Secondary pipe, see KP75/63SC	CS2
KP 75/63SC	75/63 mm	Secondary system	PP/VA/FI/VE/VR/CS2
KP 75/63SCEC	75/63 mm	Secondary system	PP/VA/FI/VE/VR/CS2
KP 7-63/54	63/54 mm	Gasket	PP/VA/FI/VE/VR
KP 8-110F	110 mm	Tee	PP/VA/FI/VE/VR
KP 8-110FL	110 mm	Tee formed Long	PP/VA/FI/VE/VR
KP 8-54F	54 mm	Tee formed	PP/VA/FI/VE/VR
KP 8-54FC	54 mm	Tee formed Conductive	PP/VA/FI/VE/VR
KP 8-54FCL	54 mm	Tee formed Long	PP/VA/FI/VE/VR
KP 8-54FL	54 mm	Tee formed Long	PP/VA/FI/VE/VR
KP 8-63/32	63/32 mm	Reduced Tee	PP/VA/FI/VE/VR
KP 8-63F	63 mm	Tee	PP/VA/FI/VE/VR
KP 8-63FC	63 mm	Tee formed Conductive	PP/VA/FI/VE/VR
KP 8-63FCL	63 mm	Tee formed Conductive Long	PP/VA/FI/VE/VR
KP 8-63FL	63 mm	Tee formed Long	PP/VA/FI/VE/VR
KP 8-63FR	63 mm	Tee	PP/VA/FI/VE/VR
KP 8-75/63SC	75/63 mm	Integrated tee	PP/VA/FI/VE/VR/CS2
KP 8-75/63SC-F	75/63 mm	Integrated tee	PP/VA/FI/VE/VR/CS2
KP 8-75/63SCEC-L	75/63 mm	Integrated tee	PP/VA/FI/VE/VR/CS2
KP 8-90/63	90/63 mm	Reduced tee	PP/VA/FI/VE/VR
KP 8-90FC	90 mm	Tee formed Conductive	PP/VA/FI/VE/VR
KP 8-90FCL	90 mm	Tee formed Conductive Long	PP/VA/FI/VE/VR
KP 90E	90 mm	Version 5 pipe	PP/VA/FI/VE/VR
KP 90EC	90 mm	Conductive pipe	PP/VA/FI/VE/VR
KP 9-110/63	110/63 mm	Reducer	PP/VA/FI/VE/VR
KP 9-110/90	110/90 mm	Reducer	PP/VA/FI/VE/VR
KP 9-125/75SC	125/75 mm	Reducer	CS2
KP 9-160/125SC	160/125 mm	Reducer	CS2
KP 9-63/54	63/54 mm	Reducer	PP/VA/FI/VE/VR
KP 9-90/63	90/63 mm	Reducer	PP/VA/FI/VE/VR
KP C11-110	110 mm	Transition end coupling	PP/VA/FI/VE/VR
KP C11-54	54 mm	Transition end coupling	PP/VA/FI/VE/VR
KP C11-63	63 mm	Transition end coupling	PP/VA/FI/VE/VR
KP C11-90	90 mm	Transition end coupling	PP/VA/FI/VE/VR
KP CC-110	110 mm	Conductor	PP/VA/FI/VE/VR
KP CC-54	54 mm	Conductor	PP/VA/FI/VE/VR
KP CC-63	63 mm	Conductor	PP/VA/FI/VE/VR
KP CC-90	90 mm	Conductor	PP/VA/FI/VE/VR
KP T125/110SC	125/110 mm	Termination fitting	PP/VA/VE/VR/FI/CS2
KP T125/110SC-L	125/110 mm	Termination fitting	PP/VA/FI/VE/VR/CS2
KP T125/110SC2A	125/110 mm	Termination fitting	PP/VA/VE/VR/FI/CS2
KP T25-10	25 mm	Flexible steel hose	PP/VA/FI/VE/VR
KP T25-13	25 mm	Flexible steel hose	PP/VA/FI/VE/VR
KP T25-15	25 mm	Flexible steel hose	PP/VA/FI/VE/VR
KP T25-4	25 mm	Flexible steel hose	PP/VA/FI/VE/VR

Product No:	Size	Component	Application
KP T40-10	54 mm	Flexible steel hose	PP/VA/FI/VE/VR
KP T40-13	54 mm	Flexible steel hose	PP/VA/FI/VE/VR
KP T50-12	63 mm	Flexible steel hose	PP/VA/FI/VE/VR
KP T50-15	63 mm	Flexible steel hose	PP/VA/FI/VE/VR
KP T50-20	63 mm	Flexible steel hose	PP/VA/FI/VE/VR
KP T75/63SC	75/63 mm	Termination fitting	PP/VA/FI/VE/VR/CS2
KP W110	110 mm	Mechanical connection	PP/VA/FI/VE/VR
KP W54	54 mm	Mechanical connection	PP/VA/FI/VE/VR
KP W6-110	110 mm	Threaded flange	PP/VA/FI/VE/VR
KP W63	63 mm	Mechanical connection	PP/VA/FI/VE/VR
KP W6-54	54 mm	Threaded flange	PP/VA/FI/VE/VR
KP W6-63	63 mm	Threaded flange	PP/VA/FI/VE/VR
KP W6-90	90 mm	Threaded flange	PP/VA/FI/VE/VR
KP W90	90 mm	Mechanical connection	PP/VA/FI/VE/VR
KP 2-75/63SCA	75/63 mm	Integrated welding socket	PP/VA/VE/VR/FI/CS2
KP 2-125/110SCA	110/125 mm	Integrated welding socket	PP/VA/VE/VR/FI/CS2
KP 2-125/110SC2A	110/125 mm	Integrated welding socket	CS2
KP T75-63B	75/63 mm	Termination fitting	PP/VA/VE/VR/FI/CS2
KP T75-63B-L	75/63 mm	Termination fitting	PP/VA/VE/VR/FI/CS2
KP T75-63SC2A	75/63 mm	Termination fitting	PP/VA/VE/VR/FI/CS2
KP T75-63SC2A-L	75/63 mm	Termination fitting	PP/VA/VE/VR/FI/CS2
KP T75-63SC2B	75/63 mm	Termination fitting	PP/VA/VE/VR/FI/CS2
KP T75-63SC2B-L	75/63 mm	Termination fitting	PP/VA/VE/VR/FI/CS2
KP TM75-63SC2A	75/63 mm	Entry seal and termination fitting	PP/VA/VE/VR/FI/CS2
KP TM75-63SC2A-L	75/63 mm	Entry seal and termination fitting	PP/VA/VE/VR/FI/CS2
KP TM75-63SC2B	75/63 mm	Entry seal and termination fitting	PP/VA/VE/VR/FI/CS2
KP TM75-63SC2B-L	75/63 mm	Entry seal and termination fitting	PP/VA/VE/VR/FI/CS2
KP TM125/110SC2A	125/110 mm	Entry seal and termination fitting	PP/VA/VE/VR/FI/CS2