



integrated solutions

Certificate of Compliance

Type Approval

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

Products : The KPS Petrol Pipe System™ with part numbers and applications as listed on pages 2 to 3 of this certificate

Applications: see table on reverse

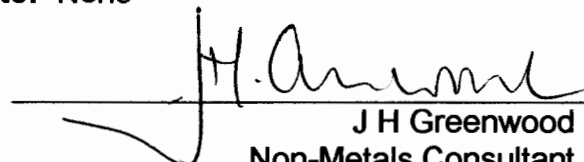
This is to certify that samples of the products defined above have been tested by ERA Technology Ltd and found to comply with the requirements of the following:

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

Full details are given in ERA report number : 2004-0272

Conditions on the validity of this Certificate: None

Certificate prepared by :


J H Greenwood
Non-Metals Consultant
Engineering Consultancy Services

Certificate approved by :

P Mallinson
Head of Asset Management Solutions

Certificate number : BC66/2004-0272/001 Dated : 28 July 2004

ERA Technology Ltd, Cleeve Road, Leatherhead, Surrey KT22 7SA, UK

Product No:	Size	Component	Applications
KP 10-110	110mm	End cap	PPVA/FIVE/VR/SC2
KP 10-63	63mm	End cap	PPVA/FIVE/VR/SC2
KP 10-90	90mm	End cap	PPVA/FIVE/VR/SC2
KP 110E	110 mm	Version 5 pipe	PPVA/FIVE/VR/SC2
KP 125 SC	125mm	Secondary pipe	SC2
KP 160 SC	160mm	Secondary pipe	SC2
KP 2-110	110mm	Welding socket	PPVA/FIVE/VR/SC2
KP 2-125 SC	125mm	Welding socket	SC2
KP 2-125/110SC	125/110mm	Integrated welding socket	PPVA/FIVE/VR/SC2
KP 2-54	54mm	Welding socket	PPVA/FIVE/VR/SC2
KP 2-63	63mm	Welding socket	PPVA/FIVE/VR/SC2
KP 2-75/63SC	75/63mm	Integrated welding socket	PPVA/FIVE/VR/SC2
KP 2-75SC	75mm	Welding socket	SC2
KP 2-90	90mm	Welding socket	PPVA/FIVE/VR/SC2
KP 29-125/75SC	125/75mm	Termination fitting	SC2
KP 29-160/90SC	160/90mm	Termination fitting	SC2
KP 3-110	110mm	90° bend	PPVA/FIVE/VR/SC2
KP 3-125/110SC	125/110mm	90° formed bend	PPVA/FIVE/VR/SC2
KP 3-125SC	125mm	90° bend elbow	SC2
KP 3-160SC	160mm	90° bend elbow	SC2
KP 3-63	63mm	90° bend	PPVA/FIVE/VR/SC2
KP 3-75/63SC	75/63mm	90° formed bend	PPVA/FIVE/VR/SC2
KP 3-90	90mm	90° bend	PPVA/FIVE/VR/SC2
KP 4-110	110mm	45° bend	PPVA/FIVE/VR/SC2
KP 4-125/110SC	125/110mm	45° formed bend	PPVA/FIVE/VR/SC2
KP 4-63	63mm	45° bend	PPVA/FIVE/VR/SC2
KP 4-75/63SC	75/63mm	45° formed bend	PPVA/FIVE/VR/SC2
KP 4-90	90mm	45° bend	PPVA/FIVE/VR/SC2
KP 5-110	110mm	Stub flange	PPVA/FIVE/VR/SC2
KP 54E	54 mm	Version 5 pipe	PPVA/FIVE/VR
KP 5-54	54mm	Stub flange	PPVA/FIVE/VR/SC2
KP 5-63	63mm	Stub flange	PPVA/FIVE/VR/SC2
KP 5-90	90mm	Stub flange	PPVA/FIVE/VR/SC2
KP 6-110	110mm	Separate flange	PPVA/FIVE/VR/SC2
KP 63E	63 mm	Version 5 pipe	PPVA/FIVE/VR
KP 6-54	54mm	Separate flange	PPVA/FIVE/VR/SC2
KP 6-63	63mm	Separate flange	PPVA/FIVE/VR/SC2
KP 6-90	90mm	Separate flange	PPVA/FIVE/VR/SC2
KP 75 SC	75mm	Secondary pipe	SC2
KP 8-110	110mm	Tee	PPVA/FIVE/VR/SC22
KP 8-125SC	125mm	Tee	SC2
KP 8-160SC	160mm	Tee	SC2
KP 8-63	63mm	Tee	PPVA/FIVE/VR/SC2
KP 8-75/63SC	75/63mm	Integrated tee	PPVA/FIVE/VR/SC2
KP 8-90	90mm	Tee	PPVA/FIVE/VR/SC2
KP 90E	90 mm	Version 5 pipe	PPVA/FIVE/VR/SC2
KP 9-110/63	110/63mm	Reducer	PPVA/FIVE/VR/SC2
KP 9-110/90	110/90mm	Reducer	PPVA/FIVE/VR/SC2
KP 9-90/63	90/63mm	Reducer	PPVA/FIVE/VR/SC2
KP C11-110	110mm	Transition end coupling	PPVA/FIVE/VR/SC2
KP C11-54	54mm	Transition end coupling	PPVA/FIVE/VR/SC2
KP C11-63	63mm	Transition end coupling	PPVA/FIVE/VR/SC2

Product No:	Size	Component	Applications
KP C11-90	90mm	Transition end coupling	PP/VA/FI/VE/VR/SC2
KP T 75/54SC	75/54mm	Termination fitting	SC2
KP T25-10	25mm	Flexible steel hose	PP/VA/FI/VE/VR/SC2
KP T25-13	25mm	Flexible steel hose	PP/VA/FI/VE/VR/SC2
KP T25-15	25mm	Flexible steel hose	PP/VA/FI/VE/VR/SC2
KP T25-4	25mm	Flexible steel hose	PP/VA/FI/VE/VR/SC2
KP T40-10	54mm	Flexible steel hose	PP/VA/FI/VE/VR/SC2
KP T40-13	54mm	Flexible steel hose	PP/VA/FI/VE/VR/SC2
KP T50-12	63 mm	Flexible steel hose	PP/VA/FI/VE/VR/SC2
KP T50-15	63 mm	Flexible steel hose	PP/VA/FI/VE/VR/SC2
KP T50-20	63 mm	Flexible steel hose	PP/VA/FI/VE/VR/SC2
KP T75/63SC	75/63mm	Termination fitting	SC2
KP W110	110mm	Mechanical connection	PP/VA/FI/VE/VR/SC2
KP W54	54mm	Mechanical connection	PP/VA/FI/VE/VR/SC2
KP W63	63mm	Mechanical connection	PP/VA/FI/VE/VR/SC2
KP W90	90mm	Mechanical connection	PP/VA/FI/VE/VR/SC2
KPH125SC	125 mm	Secondary pipe	SC2
KPH75SC	75 mm	Secondary pipe	SC2
KPM 160/90	160/90mm	Rubber seal	SC2
KPM 75/54	75/54mm	Rubber seal	SC2
KPT-125/110SC	125/110mm	Transition coupling	SC2
KPT-75/63SC	75/63mm	Transition coupling	SC2

PP = positive pressure delivery, VA = vacuum suction delivery, FI = fill, VE = vent,
VR = vapour recovery, SC2 = secondary containment Type 2