



Pihak Berkuasa Air Negeri Sarawak
Certificate of Approval for Water Supply Product

The State Water Authority of Sarawak hereby gives approval for this water supply product to be used in the Water Supply Authority areas within Sarawak, under the powers vested in Part III Regulation 9 of the Water Supply Regulations 1995:

Name of Water Supply Product:	FITTINGS - POLYETHYLENE (HDPE)	Name & Address of Certificate Holder:	SPIROLITE (M) SDN BHD LOT 4, JALAN P/2A, KAWASAN PERINDUSTRIAN BANGI, KAWASAN PERINDUSTRIAN BANGI BANDAR BARU BANGI, SELANGOR
Type:	Fitting	Nature of Business Entity of Certificate:	Supplier
Brand:	LESSO	Name & Address of Manufacturer:	SPIROLITE (M) SDN BHD LOT 4, JALAN P/2A, KAWASAN PERINDUSTRIAN BANGI, KAWASAN PERINDUSTRIAN BANGI , BANDAR BARU BANGI, SELANGOR
Standard:	MS1058 : PART 3: 2006	Name & Address of Principal:	SPIROLITE (M) SDN BHD LOT 4, JALAN P/2A, KAWASAN PERINDUSTRIAN BANGI, KAWASAN PERINDUSTRIAN BANGI , BANDAR BARU BANGI, SELANGOR
Class & Size:	See schedule on the reverse page		
Validity Period:	<u>17/01/2023</u> to <u>16/11/2023</u>		
Date of Issue:	17/01/2023		

This approval is given subject to the following:

- i. The State Water Authority of Sarawak reverses the right to withdraw this approval at anytime and shall not be obliged to give any reason whatsoever.
- ii. The specifications for the water supply products shall not differ from that originally submitted in the application for approval.
- iii. There should not be any unsuitability in the use of this product.
- iv. This certificate of approval shall not be used for any advertisement purpose. However, a copy can be used as evidence of approval only.
- v. This certificate of approval shall become invalid upon expiry of SPAN Product Certificate Registration or SIRIM Licence or IKRAM Bhd Certification or other internationally recognized certification of the product, whichever is earlier.


Pihak Berkuasa Air Negeri Sarawak

Schedule

COMPANY NAME: SPIROLITE (M) SDN BHD

PRODUCT: FITTINGS - POLYETHYLENE (HDPE)

VALIDITY PERIOD: 17/01/2023 - 16/11/2023

CERTIFICATE NUMBER: SWA/F/0993

Model	Series	Description
COUPLER	PN 16, SDR 11, PE 100	Type : JOINT WITH ELECTROFUSION Size : NOMINAL DIAMETER (mm): 20, 25, 32, 40, 50, 63, 75, 90, 110, 125, 160, 180, 200, 225, 250, 280, 315, 355, 400, 450, 500, 560 AND 630
ELBOW 45°	PN 16, SDR 11, PE 100	Type : JOINT WITH ELECTROFUSION Size : NOMINAL DIAMETER (mm): 32, 40, 50, 63, 75, 90, 110, 125, 160, 180, 200, 225, 250, 315, 355 AND 400
ELBOW 90°	PN 16, SDR 11, PE 100	Type : JOINT WITH ELECTROFUSION Size : NOMINAL DIAMETER (mm): 20, 25, 32, 40, 50, 63, 75, 90, 110, 125, 160, 180, 200, 225, 250, 315, 355 AND 400
END CAP	PN 16, SDR 11, PE 100	Type : JOINT WITH BUTT FUSION Size : NOMINAL SIZE (mm): 63, 75, 90, 110, 125, 160, 180, 200, 225, 250, 315, 355 AND 400
REDUCER	PN 16, SDR 11, PE 100	Type : JOINT WITH ELECTROFUSION Size : NOMINAL DIAMETER (mm): 32x25, 40x32, 50x32, 50x40, 63x32, 63x40, 63x50, 75x63, 90x63, 90x75, 110x50, 110x63, 110x75, 110x90, 125x90, 125x110, 160x90, 160x110, 200x110, 200x160, 250x110, 250x160, 250x200, 315x160, 315x200, 315x250, 400x200 AND 400x315
REDUCING TEE	PN 16, SDR 11, PE 100	Type : JOINT WITH ELECTROFUSION Size : NOMINAL DIAMETER (mm): 32x20, 32x25, 40x20, 40x25, 40x32, 50x20, 50x25, 50x32, 50x40, 63x20, 63x25, 63x32, 63x40, 63x50, 75x40, 75x50, 75x63, 90x40, 90x50, 90x63, 90x75, 110x50, 110x63, 110x75, 110x90, 125x63, 125x75, 125x90, 125x110, 160x50, 160x63, 160x75, 160x90, 160x110, 180x160, 200x50, 200x63, 200x75, 200x90, 200x110, 200x160, 250x50, 250x63, 250x75, 250x90, 250x110, 250x160, 250x200, 315x90, 315x110, 315x160, 315x200, 315x250, 400x110, 400x160, 400x200, 400x250 AND 400x315
STUD END	PN 16, SDR 11, PE 100	Type : JOINT WITH BUTT FUSION Size : NOMINAL SIZE (mm): 110, 125, 160, 180, 200, 250, 280, 315, 355, 400 AND 500
TEE	PN 16, SDR 11, PE 100	Type : JOINT WITH ELECTROFUSION Size : NOMINAL DIAMETER (mm): 20, 25, 32, 40, 50, 63, 75, 90, 110, 125, 160, 180, 200, 225, 250, 280, 315, 355 AND 400