



No Lesen : PP005817

Licence No :

## LESEN PENSIJILAN BARANGAN

*Product Certification Licence*



SIRIM QAS International Sdn. Bhd. dengan ini menganugerahkan kepada  
*SIRIM QAS International Sdn. Bhd. hereby grants to*

**LESSO MALAYSIA INDUSTRIES SDN. BHD.**  
**LOT 10072, PERSIARAN MAHOGANI UTAMA 2**  
**SEKSYEN 4, BANDAR UTAMA BATANG KALI**  
**44300 BATANG KALI**  
**SELANGOR, MALAYSIA**

Lesen untuk menggunakan Tanda Pensijilan di atas barangan  
*a licence to use the Certification Mark on*

**UNPLASTICIZED POLYVINYL CHLORIDE (PVC-U) FITTINGS FOR SOIL AND WASTE  
DISCHARGE (LOW AND HIGH TEMPERATURE) WITHIN THE BUILDING STRUCTURE**

Please refer to detail in the SCHEDULE

sebagai mematuhi keperluan  
*as complying with*

**MS 1063 : 2002**

**Nur Fadhilah binti Muhammad**  
Ketua Pegawai Eksekutif  
*Chief Executive Officer*  
SIRIM QAS International Sdn. Bhd.



SIRIM QAS International Sdn. Bhd.  
(No. Syarikat 199601037981(410334-X))

1, Persiaran Dato' Menteri  
Seksyen 2, Peti Surat 7035  
40700 Shah Alam  
Selangor Darul Ehsan  
MALAYSIA.

Tel : 603-5544 6000  
Emel : [cserviceqas@sirim.my](mailto:cserviceqas@sirim.my)

<https://www.sirim-qas.com.my>  
<https://www.malaysiancertified.com.my>

**Tarikh Mula Pensijilan : 12 April 2002**

*Certified Since*

**Sah Sehingga : 31 December 2025**

*Valid Until*

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**Tarikh Dikeluarkan : 16 December 2024**

*Issue Date*

**No Siri : 105874**

*Serial No*

# SCHEDULE

**LESSO MALAYSIA INDUSTRIES SDN. BHD.**



**SIRIM**

Trade Mark : PALING  
 Model : 45° BEND WITH ALL SOCKETS AND INSPECTION OPENING (UNSWEPT)  
 Type : APPLICATION AREA CODE: B  
 Size : NOMINAL SIZE (mm): 36

Trade Mark : PALING  
 Model : EQUAL SINGLE BRANCH WITH ALL SOCKETS (SWEPT)  
 Type : APPLICATION AREA CODE : B  
 Size : NOMINAL SIZE (mm): 36, 43, 56

Trade Mark : PALING  
 Model : EQUAL SINGLE BRANCH WITH ALL SOCKETS AND INSPECTION OPENING (SWEPT)  
 Type : APPLICATION AREA CODE: B  
 Size : NOMINAL SIZE (mm): 56

Trade Mark : PALING  
 Model : VENT COWL  
 Type : APPLICATION AREA CODE: B  
 Size : NOMINAL SIZE (mm): 56

Trade Mark : PALING  
 Model : BUSH SOCKET REDUCER  
 Type : APPLICATION AREA CODE: B  
 Size : NOMINAL SIZE (mm): 43 X 36, 56 X 43, 56 X 36

Trade Mark : PALING  
 Model : ACCESS FITTING (SOCKET PLUG WITH SCREW ON CAP)  
 Type : APPLICATION AREA CODE: B  
 Size : NOMINAL SIZE (mm): 36, 43, 56

Trade Mark : PALING  
 Model : EQUAL SINGLE BRANCH WITH ALL SOCKETS (SWEPT)  
 Type : APPLICATION AREA CODE: BD  
 Size : NOMINAL SIZE (mm): 110, 160

Trade Mark : PALING  
 Model : EQUAL SINGLE BRANCH WITH ALL SOCKETS AND INSEPCION OPENING (SWEPT)  
 Type : APPLICATION AREA CODE: BD  
 Size : NOMINAL SIZE (mm): 110, 160

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# SCHEDULE

## LESSO MALAYSIA INDUSTRIES SDN. BHD.



Trade Mark	: PALING
Model	: 45° EQUAL SINGLE BRANCH WITH ALL SOCKETS (UNSWEPT)
Type	: APPLICATION AREA CODE: BD
Size	: NOMINAL SIZE (mm): 110
Trade Mark	: PALING
Model	: 45° EQUAL SINGLE BRANCH WITH ALL SOCKETS AND INSPECTION OPENING (UNSWEPT)
Type	: APPLICATION AREA CODE: BD
Size	: NOMINAL SIZE (mm): 110
Trade Mark	: PALING
Model	: 45° BEND WITH ALL SOCKETS (UNSWEPT)
Type	: APPLICATION AREA CODE: BD
Size	: NOMINAL SIZE (mm): 110, 200
Trade Mark	: PALING
Model	: 45° BEND WITH ALL SOCKETS AND INSPECTION OPENING (UNSWEPT)
Type	: APPLICATION AREA CODE: BD
Size	: NOMINAL SIZE (mm): 110
Trade Mark	: PALING
Model	: COUPLER
Type	: APPLICATION AREA CODE : B
Size	: NOMINAL SIZE (mm): 36, 43, 56
Trade Mark	: PALING
Model	: PIPE SLEEVE
Type	: APPLICATION AREA CODE : B
Size	: NOMINAL SIZE (mm): 36, 43, 56
Trade Mark	: PALING
Model	: BEND WITH ALL SOCKETS (SWEPT)
Type	: APPLICATION AREA CODE : B
Size	: NOMINAL SIZE (mm): 36, 43, 56
Trade Mark	: PALING
Model	: 45° BEND WITH ALL SOCKETS (UNSWEPT)
Type	: APPLICATION AREA CODE : B
Size	: NOMINAL SIZE (mm) :56

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# SCHEDULE

**LESSO MALAYSIA INDUSTRIES SDN. BHD.**



Trade Mark : PALING  
 Model : BUSH SOCKET REDUCER  
 Type : APPLICATION AREA CODE : BD  
 Size : NOMINAL SIZE (mm) : 110 X 56, 160 X 110

Trade Mark : PALING  
 Model : ACCESS FITTING (SOCKET PLUG WITH SCREW ON CAP)  
 Type : APPLICATION AREA CODE : BD  
 Size : NOMINAL SIZE (mm):82, 110 X 82

Trade Mark : PALING  
 Model : COUPLER  
 Type : APPLICATION AREA CODE:B, BD  
 Size : NOMINAL SIZE (mm): 82

Trade Mark : PALING  
 Model : BEND WITH ALL SOCKETS (SWEPT)  
 Type : APPLICATION AREA CODE: B, BD  
 Size : NOMINAL SIZE (mm):82

Trade Mark : PALING  
 Model : BEND WITH ALL SOCKETS AND INSPECTION OPENING (SWEPT)  
 Type : APPLICATION AREA CODE :B, BD  
 Size : NOMINAL SIZE (mm):82

Trade Mark : PALING  
 Model : 45° BEND WITH ALL SOCKETS (UNSWEPT)  
 Type : APPLICATION AREA CODE :B, BD  
 Size : NOMINAL SIZE (mm) : 82

Trade Mark : PALING  
 Model : PIPE SLEEVE  
 Type : APPLICATION AREA CODE :B, BD  
 Size : NOMINAL SIZE (mm) :82

Trade Mark : PALING  
 Model : EQUAL SINGLE BRANCH WITH ALL SOCKETS (SWEPT)  
 Type : APPLICATION AREA CODE :B, BD  
 Size : NOMINAL SIZE (mm) :82

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# SCHEDULE

## LESSO MALAYSIA INDUSTRIES SDN. BHD.



**SIRIM**

Trade Mark : PALING  
 Model : EQUAL SINGLE BRANCH WITH ALL SOCKETS AND INSPECTION OPENING (SWEPT)  
 Type : APPLICATION AREA CODE :B, BD  
 Size : NOMINAL SIZE (mm) :82

Trade Mark : PALING  
 Model : EQUAL SINGLE BRANCH WITH ALL SOCKETS (UNSWEPT)  
 Type : APPLICATION AREA CODE :B, BD  
 Size : NOMINAL SIZE (mm) :82

Trade Mark : PALING  
 Model : EXPANSION COUPLER  
 Type : APPLICATION AREA CODE :B, BD  
 Size : NOMINAL SIZE (mm) :82

Trade Mark : PALING  
 Model : BUSH SOCKET REDUCER  
 Type : APPLICATION AREA CODE :B, BD  
 Size : NOMINAL SIZE (mm) :82 X 56, 110 X 82

Trade Mark : PALING  
 Model : BOSS CONNECTOR  
 Type : APPLICATION AREA CODE :B, BD  
 Size : NOMINAL SIZE (mm) :82 X 56, 160 X 82

Trade Mark : PALING  
 Model : COUPLER  
 Type : APPLICATION AREA CODE : BD  
 Size : NOMINAL SIZE (mm) : 110, 160

Trade Mark : PALING  
 Model : BEND WITH ALL SOCKETS (SWEPT)  
 Type : APPLICATION AREA CODE : BD  
 Size : NOMINAL SIZE (mm) : 110, 160

Trade Mark : PALING  
 Model : BEND WITH ALL SOCKETS AND INSPECTION OPENING (SWEPT)  
 Type : APPLICATION AREA CODE : BD  
 Size : NOMINAL SIZE (mm) : 110, 160

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# SCHEDULE

**LESSO MALAYSIA INDUSTRIES SDN. BHD.**



Trade Mark : PALING  
Model : 112° BEND WITH ALL SOCKETS (UNSWEPT)  
Type : APPLICATION AREA CODE : BD  
Size : NOMINAL SIZE (mm) : 200

Trade Mark : PALING  
Model : 112° BEND WITH SINGLE SOCKET (UNSWEPT)  
Type : APPLICATION AREA CODE : BD  
Size : NOMINAL SIZE (mm) : 200

Trade Mark : PALING  
Model : 91° BEND WITH ALL SOCKETS (SWEPT)  
Type : APPLICATION AREA CODE : BD  
Size : NOMINAL SIZE (mm) : 200

Trade Mark : PALING  
Model : 91° BEND WITH SINGLE SOCKETS (SWEPT)  
Type : APPLICATION AREA CODE : BD  
Size : NOMINAL SIZE (mm) : 200

Trade Mark : PALING  
Model : PIPE SLEEVE  
Type : APPLICATION AREA CODE : BD  
Size : NOMINAL SIZE (mm) : 110, 160

Trade Mark : PALING  
Model : BOSS CONNECTOR  
Type : APPLICATION AREA CODE : BD  
Size : NOMINAL SIZE (mm) : 110 X 56

Trade Mark : PALING  
Model : EQUAL DOUBLE BRANCH WITH ALL SOCKETS (SWEPT)  
Type : APPLICATION AREA CODE : BD  
Size : NOMINAL SIZE (mm) : 110

Trade Mark : PALING  
Model : 41° BEND WITH SINGLE SOCKET (UNSWEPT)  
Type : APPLICATION AREA CODE : BD  
Size : NOMINAL SIZE (mm) : 110

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**LESSO MALAYSIA INDUSTRIES SDN. BHD.**



Trade Mark : PALING  
Model : VENT COWL  
Type : APPLICATION AREA CODE : BD  
Size : NOMINAL SIZE (mm) : 82, 110, 160

Trade Mark : PALING  
Model : EXPANSION COUPLER  
Type : APPLICATION AREA CODE : BD  
Size : NOMINAL SIZE (mm) : 110, 160

Trade Mark : PALING  
Model : "S" BEND WITH SINGLE SOCKET  
Type : APPLICATION AREA CODE : B  
Size : NOMINAL SIZE (mm) : 56

Trade Mark : PALING  
Model : BEND WITH ALL SOCKETS (SWEPT)  
Type : APPLICATION AREA CODE : BD  
Size : NOMINAL SIZE (mm) : 110

Trade Mark : PALING  
Model : BEND WITH ALL SOCKETS AND INSPECTION OPENING (SWEPT)  
Type : APPLICATION AREA CODE : BD  
Size : NOMINAL SIZE (mm) : 110

Trade Mark : PALING  
Model : BEND WITH ALL SOCKETS (UNSWEPT)  
Type : APPLICATION AREA CODE : BD  
Size : NOMINAL SIZE (mm) : 160

Trade Mark : PALING  
Model : BEND WITH ALL SOCKETS AND INSPECTION OPENING (UNSWEPT)  
Type : APPLICATION AREA CODE : BD  
Size : NOMINAL SIZE (mm) : 160

Trade Mark : PALING  
Model : 68° BEND WITH ALL SOCKETS (UNSWEPT)  
Type : APPLICATION AREA CODE : BD  
Size : NOMINAL SIZE (mm) : 160

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## LESSO MALAYSIA INDUSTRIES SDN. BHD.



Model	: BEND WITH ALL SOCKETS (UNSWEPT)
Type	: APPLICATION AREA CODE : B
Size	: NOMINAL SIZE (mm) : 43
Model	: EQUAL SINGLE BRANCH WITH ALL SOCKETS (UNSWEPT)
Type	: APPLICATION AREA CODE : B
Size	: NOMINAL SIZE (mm) : 56
Model	: "S" BEND WITH VENT (UNSWEPT)
Type	: APPLICATION AREA CODE : B
Size	: NOMINAL SIZE (mm) : 56
Model	: BRANCH WITH ALL SOCKETS (UNSWEPT)
Type	: APPLICATION AREA CODE : BD
Size	: NOMINAL SIZE (mm) : 160 x 110
Model	: DOUBLE BRANCH WITH ALL SOCKETS (UNSWEPT)
Type	: APPLICATION AREA CODE : BD
Size	: NOMINAL SIZE (mm) : 160 x 110
Model	: 68° BEND WITH ALL SOCKETS (UNSWEPT)
Type	: APPLICATION AREA CODE : BD
Size	: NOMINAL SIZE (mm) : 110
Trade Mark	: PALING
Model	: CONCENTRIC REDUCER
Type	: APPLICATION AREA CODE: BD
Size	: NOMINAL SIZE (mm): 160 X 110
Trade Mark	: PALING
Model	: COUPLER
Type	: APPLICATION AREA CODE: BD
Size	: NOMINAL SIZE (mm): 200, 250
Trade Mark	: PALING
Model	: EQUAL SINGLE BRANCH WITH ALL SOCKET AND RIGHT INSPECTION OPENING
Type	: APPLICATION AREA CODE: BD
Size	: NOMINAL SIZE (mm): 110

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# SCHEDULE

**LESSO MALAYSIA INDUSTRIES SDN. BHD.**



Trade Mark : PALING  
Model : EQUAL SINGLE BRANCH WITH ALL SOCKET AND LEFT INSPECTION OPENING  
Type : APPLICATION AREA CODE: BD  
Size : NOMINAL SIZE (mm): 110

Trade Mark : PALING  
Model : 45° SINGLE BRANCH WITH ALL SOCKET (UNSWEPT)  
Type : APPLICATION AREA CODE: BD  
Size : NOMINAL SIZE (mm): 110 X 56

Trade Mark : PALING  
Model : PUSH ON CAP  
Type : APPLICATION AREA CODE: BD  
Size : NOMINAL SIZE (mm): 110

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