



## 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 6400 Emel : cserviceqas@sirim.my www.sirim-qas.com.my

File No : P5-003707  
Licence No : PP005817

Date : 29/12/2022

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

Attn : MR. AHMAD FAIZ ABDUL SABIAN

Tel No : 03-60686888

Fax No : 03-60570680

Dear Sir/Madam,

### Product Certification Licence

Product : UNPLASTICIZED POLYVINYL CHLORIDE (PVC-U) FITTINGS FOR SOIL AND WASTE DISCHARGE  
(LOW AND HIGH TEMPERATURE) WITHIN THE BUILDING STRUCTURE  
Standard : MS 1063 : 2002

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With regards to your request for new/renewal/changes of licence(s) under the SIRIM Product Certification Licence scheme, enclosed please find the copy of the licence(s) and the certification report(s) for your safe keeping.

For enquiry, please contact

Officer Name : WAHEEDIR BIN YAHAYA  
Contact No : 603-55445895  
Email : waheedir@sirim.my

Thank you.

*This is a computer generated document. No signature is required.*

## 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.



# 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 INSEPCTION OPENING (SWEPT)  
 Type : APPLICATION AREA CODE: BD  
 Size : NOMINAL SIZE (mm): 110, 160

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**Tarikh Mula Pensijilan : 12 April 2002**

*Certified Since*

**Sah Sehingga : 31 December 2023**

*Valid Until*

**Tarikh Dikeluarkan : 29 December 2022**

*Issue Date*

**No Siri : 080951**

*Serial No*

Lesen ini dianugerahkan tertakluk kepada syarat-syarat Perjanjian Pensijilan Barangan SIRIM QAS International Sdn. Bhd.  
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# SCHEDULE

## LESSO MALAYSIA INDUSTRIES SDN. BHD.



**SIRIM**

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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## LESSO MALAYSIA INDUSTRIES SDN. BHD.



**SIRIM**

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.



**SIRIM**

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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# SCHEDULE

## LESSO MALAYSIA INDUSTRIES SDN. BHD.



**SIRIM**

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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# SCHEDULE

## 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

# SCHEDULE

## LESSO MALAYSIA INDUSTRIES SDN. BHD.



**SIRIM**

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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