



K-MARK



ACB PC 03

PRODUCT CERTIFICATE OF CONFORMITY

Certificate No : IKRAM 03302MB

Certificate Holder

**LYE MANUFACTURING SDN. BHD.,
Lot 1844, Jalan KPB 8, Kampung Baru Balakong,
43300 Kajang, Selangor Darul Ehsan, Malaysia.**

Product Name

Ductile Iron Fittings For Water Pipelines

Standard

BS EN 545 : 2010

Product Description

Product descriptions shall refer to ANNEX

Brands



Manufacturer

**LYE MANUFACTURING SDN. BHD.,
Lot 1844, Jalan KPB 8, Kampung Baru Balakong,
43300 Kajang, Selangor Darul Ehsan, Malaysia.**

Date of original issue

30.10.2002

Date of renewal

02.11.2023

Date of amendment

16.11.2017

Expiry Date

30.11.2024



MOHAMAD AKHIR BIN ABDULLAH
Director

DATO' TS. HAJI MOHD TAUFIK BIN HARON
Chairman

This certificate remains the property of IKRAM QA SERVICES SDN.BHD. and shall be returned on request.
IKRAM QA Services Sdn. Bhd. (199901004665)

Address: Block 5, Level 1, Unipark Suria, Jalan Ikram – Uniten, 43000 Kajang, Selangor Darul Ehsan, Malaysia.
Tel: +603 8738 3212 Fax: +603 8736 7254 Email: ikramqa@ikram.com.my Website: www.ikramqa.com.my



IKRAM QA Services Sdn. Bhd. (199901004665)
 Address: Block 5, Level 1, Unipark Suria, Jalan Ikram – Uniten,
 43000 Kajang, Selangor Darul Ehsan, Malaysia.
 Tel: +603 8738 3212 Fax: +603 8736 7254
 Email: ikramqa@ikram.com.my Website: www.ikramqa.com.my



ANNEX - Page 1

Certificate No : IKRAM 03302MB

Certificate Holder : LYE MANUFACTURING SDN. BHD.,

Date of original issue
30.10.2002

Date of renewal
02.11.2023

Date of amendment
16.11.2017

Expiry Date
30.11.2024

Type	Nominal Size (DN)
Double Flanged Duckfoot 90° (1/4) Bends	80, 100, 125, 150, 200, 250, 300, 350, 400, 450, 500, 600, 700, 800
Double Flanged 90° (1/4), 45° (1/8) Bends	80, 100, 125, 150, 200, 250, 300, 350, 400, 450, 500, 600, 700, 800
Double Flanged 22°30' (1/16), 11°15' (1/32) Bends	80, 100, 125, 150, 200, 250, 300, 350, 400
Blank Flanges	80, 100, 125, 150, 200, 250, 300, 350, 400, 450, 500, 600, 700, 800

Type	Nominal Size (DN x dn)
All Flanged Tees	80 x 80, 100 x 80, 100 x 100, 125 x 80, 125 x 100, 125 x 125, 150 x 80, 150 x 100, 150 x 125, 150 x 150, 200 x 80, 200 x 100, 200 x 125, 200 x 150, 200 x 200, 250 x 80, 250 x 100, 250 x 150, 250 x 200, 250 x 250, 300 x 60, 300 x 80, 300 x 100, 300 x 150, 300 x 200, 300 x 250, 300 x 300, 350 x 80, 350 x 100, 350 x 150, 350 x 200, 350 x 250, 350 x 350, 400 x 80, 400 x 100, 400 x 150, 400 x 200, 400 x 250, 400 x 300, 400 x 400, 450 x 100, 450 x 150, 450 x 200, 450 x 250, 450 x 300, 450 x 400, 450 x 450, 500 x 100, 500 x 200, 500 x 400, 500 x 500, 600 x 200, 600 x 400, 600 x 600, 700 x 200, 700 x 400, 700 x 700, 800 x 200, 800 x 400, 800 x 600, 800 x 800
Double Flanged Tapers	100 x 80, 125 x 100, 150 x 125, 200 x 150, 250 x 200, 300 x 250, 350 x 300, 400 x 300, 400 x 350, 450 x 400, 500 x 400, 600 x 500, 700 x 600, 800 x 700
Reducing Flanges	200 x 80, 200 x 100, 200 x 125, 350 x 250, 400 x 250, 400 x 300, 700 x 500

Nominal Pressure : PN 16

External Coating : Bituminous or Epoxy (Cold Applied or Fusion Bonded)

Internal Lining : Cement Mortar or Epoxy (Cold Applied or Fusion Bonded)



IKRAM QA Services Sdn. Bhd. (199901004665)
Address: Block 5, Level 1, Unipark Suria, Jalan Ikram – Uniten,
43000 Kajang, Selangor Darul Ehsan, Malaysia.
Tel: +603 8738 3212 Fax: +603 8736 7254
Email: ikramqa@ikram.com.my Website: www.ikramqa.com.my



ANNEX - Page 2

Certificate No : IKRAM 03302MB

Certificate Holder : LYE MANUFACTURING SDN. BHD.,

<i>Date of original issue</i>	<i>Date of renewal</i>	<i>Date of amendment</i>	<i>Expiry Date</i>
30.10.2002	02.11.2023	16.11.2017	30.11.2024

Certificate Descriptions :

1. IKRAM QA Services Sdn. Bhd. is accredited by Department of Standards Malaysia (Standards Malaysia) according to ISO/IEC 17065 : 2012 for certification of products with certificate number ACB PC 03.
2. This certificate has been approved and issued in compliance with **IKRAM QA Scheme 1**.
3. IKRAM QA Scheme 1 is product certification scheme owned by IKRAM QA which using certification scheme Type 5.
4. It is hereby certified that the product as detailed in this certificate has satisfactorily complied with the requirement of the appropriate Product Standard(s).
5. Certification mark for IKRAM QA Scheme 1 is **K-Mark**.

Certificate Information :

Product Code : E0201
Brand SUASANA UNIK, EDIP owned by Engtex Ductile Iron Pipe Industry Sdn. Bhd.
Old Certificate Number : IKRAM-B001-E0201-N3302

1. P1 – Additional size.
2. P2 – Upgrade product standard from BS EN 545:2002 to BS EN 545:2006 through PCC 4/11 (80) – KPS 55/11 – 29.06.2011.
3. P3 – KM 12/12 (14.11.2012) – Amendment of expiry date from October to November on 20.11.2013.
4. P4 – KPS 141/15 (02.11.2015) – Update product standard.
5. P5 – KPS 182/16 (15.11.2016) – Update product descriptions and brand.
6. P6 – KM 01/15 (13.10.2015) – Update product descriptions on 16.11.2017.