

茲證明
EMPRESA
COMPANY

持有證書
Certificado N.º
Certificate No.

所列產品
Produto
Product

符合
em conformidade com
in conformity with

廠址
Fábrica
Factory

高成混凝土有限公司
KOU SENG CONCRETE COMPANY LIMITED

P8867 發佈號
Emissão n.º 6
Issue n.

有效期 data/date
2024年10月20日
20th October 2024

至 válido até/valid until
2026年10月19日
19th October 2026

預拌混凝土系列 F03 :

- 混凝土強度級別為 B30 至 B45;
- 坍度級別為 S3

本混凝土系列的具體內容須參照本證書之附件。

Ready-mixed Concrete Family F03

- strength class B30 to B45;
- slump class S3

Detailed information regarding this family shall refer to the appendix of this certificate.

預拌混凝土認證細則(文件編號: LECM/RC/05)
Certification Rules for Ready-mixed Concrete (Document no. LECM/RC/05)

澳門路環樟樹街新填海區 G6 地段
Aterro do Canal de Seac Pai Van, Lote G6, Coloane, Macau

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Tem autorização para utilizar o logotipo de certificação do LECM
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A actualização do certificado deve ser verificada na página do LECM.
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This certificate is issued by LECM in accordance with the Dispatch no. 56/SATOP/98 of Macao Government.

澳門土木工程實驗室
Pelo Laboratório de Engenharia Civil de Macau
For and on behalf of the Civil Engineering Laboratory of Macau

董事會主席 Presidente da Direção
President of the Board of Directors

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CERTIFICATE
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預拌混凝土認證證書附件(版本號 A)

Appendix of Ready-mixed Concrete Certificate (Version no. A)

證書編號 **P8867** 發佈號 **6**
Cert. no. Issue no.

公司名稱 **高成混凝土有限公司**
Company: **KOU SENG CONCRETE COMPANY LIMITED**

廠址 **澳門路環樟樹街新填海區 G6 地段**
Factory address: **Aterro do Canal de Seac Pai Van, Lote G6, Coloane, Macau**

證書有效期由 **2024 年 10 月 20 日** 至 **2026 年 10 月 19 日**
effected since : **20th October 2024** to **19th October 2026**

預拌混凝土系列 **F03** 的具體內容

- 所使用中材亨達水泥有限公司生產的硅酸鹽水泥種類一級別 52.5;
- 礦渣粉最大摻量為水泥量的 40%;
- 粗骨料為花崗岩質碎石, 最大骨料粒徑 20mm, 細骨料為碎石粉;
- 使用緩凝減水劑和高效減水劑;
- 來自澳門公共供水系統的水作為拌合水;
- 混凝土強度級別為 B30 至 B45;
- 坍度級別為 S3

參考混凝土為 B30 強度級別

Detailed information about Ready-mixed Concrete Family F03

- with Portland Cement Type I 52.5 manufactured by Sinoma Hengda Cement Co., Ltd.;
- GGBS maximum content 40% of cement;
- crushed granitic stone with maximum size 20mm as coarse aggregate, crushed stone fine as fine aggregate;
- set retarding water reducer and super plasticizer as admixture;
- mixing water from Macao public water supply;
- strength class B30 to B45;
- slump class S3

The reference concrete is strength class B30

發佈於 2024 年 10 月 17 日

Issued on 17th October 2024

澳門土木工程實驗室董事會主席

President of the Board of Directors of the Civil Engineering Laboratory of Macau