



The Association of Energy Engineers  
certifies that

Osama Abbas

*has completed the prescribed standards for certification, has demonstrated  
a high level of competence and ethical fitness, and is hereby granted the title of*

**Certified Energy Manager**

Valid: February 15, 2023 - December 31, 2026 | Certification ID: 99062



A handwritten signature in black ink, appearing to read 'Frederic Johnson', is positioned above a horizontal line.

Certification Board Chair

A handwritten signature in black ink, appearing to read 'Capital Xiong', is positioned above a horizontal line.

Certification Director

**CEM**®