



Society of Petroleum Engineers

This is to certify that

Shevan Jameel Jirjees

joined SPE in 2022

A handwritten signature in black ink, appearing to read 'Medhat', written over a horizontal line.

Dr. Medhat M. Kamal, 2023 President

A handwritten signature in black ink, appearing to read 'Mark Rubin', written over a horizontal line.

Mark Rubin, CEO and Executive VP