

CONSENT OF EXPERT

I, *Aleksandar Spasojevic, P.Eng.*, consent to being named in the prospectus supplement dated October 16, 2025 (the “**Supplement**”) to the short form base shelf prospectus dated July 30, 2025 of Standard Lithium Ltd. (the “**Corporation**”) and to the use of the Technical Report titled “*South West Arkansas Project NI 43-101 Technical Report and Definitive Feasibility Study*” that has an effective date of September 3, 2025 and a report date of October 14, 2025 (“**Technical Report**”) in connection with the filing of the Supplement by the Corporation and to the inclusion of the written disclosure of the Technical Report and of extracts from or a summary of the Technical Report in the written disclosure contained in the Supplement or incorporated by reference therein.

I hereby confirm that I have read the Supplement, including the written disclosure of the Technical Report and of extracts from or a summary of the Technical Report contained in the Supplement or incorporated by reference therein and have no reason to believe that there are any misrepresentations in the information contained therein that is derived from the Technical Report or that is within my knowledge as a result of the services performed by me in connection with the Technical Report.

Dated: *October 16, 2025*

“Signed”

Aleksandar Spasojevic, P.Eng.,