Editor

*Fire Safety Journal*

We appreciate the opportunity to submit “Chemical Structure of Medium-Scale Liquid Pool Fires” (EasyChair paper number 214) to the special issue of the *Fire Safety Journal* for your review. In this study, we describe a series of time-averaged gas species measurements made along the centerlines of three 30 cm pool fires steadily burning in a quiescent environment. The fuels used include methanol, ethanol, and acetone. All gas species measurements are obtained using a Gas Chromatograph/Mass Spectrometer System. Verification schemes are described in this work to support the legitimacy of the gas species measurement. Additional measurements include temperature, heat release rate, and mean flame height. Measurements were made at least twice for each fuel and location within the fire. The manuscript also includes a comparison of structure between each of the pool fires. The manuscript has also not been submitted to any other journal for review. All authors have reviewed the paper in full. We present the manuscript now for your consideration and look forward to your review.

Yours sincerely,

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