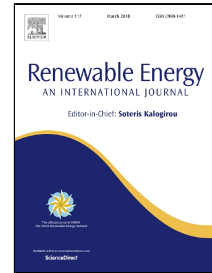


# Accepted Manuscript

HighTemperature Wettability Studies for Development of Unmatched Glass-Metal Joints in Solar Receiver Tube

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## Highlights

High temperature wettability studies were carried out using borosilicate glass and metals.

Oxide layer mass gain was measured for metal specimen with different surface roughness.

Optical microscopy was used for oxide layer thickness measurements for different metal.

XRD measurements were used to characterize the oxide phase formation during joining.

The lowest contact angle and highest spreading area were observed for borosilicate glass on SS304.

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