



International Conference of the Indian Society of Ergonomics

HWWE 2021: **Ergonomics for Design and Innovation** pp 881–888

[Home](#) > [Ergonomics for Design and Innovation](#) > Conference paper

Analyzing the Hand Grip Strength of Carpenters

[Lalit Kumar Sharma](#), [Manoj Kumar Sain](#) &

Conference paper | [First Online: 07 June 2](#)

999 Accesses

Part of the [Lecture Notes in Networks and](#)
series (LNNS,volume 391)

M. L. Meena

Malaviya National Institute of Technology, Jaipur,
India

[View author publications](#)

You can also search for this author in
[PubMed](#) | [Google Scholar](#)

Abstract

The hand grip strength is an important performing characteristic that can increase the efficiency of workers. The hand tools should be designed in such a manner that the workers can easily perform operations with sufficient grip on it. This study was conducted to measure and compare the grip strength of the carpenters of age between 19 and 60 years. The hand grip strength of 112 carpenters was determined in different postures. The carpenters were selected from the population of