



Section/Chapter: 36 – Columbus Section District: 7 Date of Event: October 13, 2021

Event location, city, state: EWI
1250 Arthur E. Adams Dr.
Columbus, OH 43221 Attendance: 52

Submitted by: Chair E-mail: jworman@nationalboard.org

Presenter's name and title: Kevin Arnold, Regional Sales Manager for the Midwest, and Joe Roy, Product Engineering Specialist, both of IPG Photonics.

Company Aff: IPG Photonics Corporation

Event Topics: Hand-held Laser Welding System

Activities/Summary Text:

Kevin Arnold, IPG Photonics Regional Sales Manager for the Midwest, presented its LightWELD 1500, the newest laser welding technology with the ability to replace many TIG and MIG welding applications in the fabrication and general manufacturing industries. Previously laser welding has been the mainstay of aerospace, automotive, medical device manufacturing, and other industrial applications that demanded high weld speeds, low heat input, and low distortion.

Joe Roy, IPG Photonics Product Engineering Specialist demonstrated the LightWELD 1500 handheld laser welding system. He taught each person at the meeting how to use the LightWELD 1500. Everybody at the meeting had the opportunity to make their own hand held laser weld and leave with the plates they welded together.

Photo captions :

Joe Roy, IPG Photonics Product Engineering Specialist, instructs Bryan Lyons, President of HETEN Engineering & Laboratory how to make a hand held laser weld.