

INDUSTRIAL MAINTENANCE ADVISORY MEETING

2/9/2021

The following recommendations from community members was obtained by social distanced in person discussions and telephone conferencing.

Persons present: Brett Grant; Kutsrus Custom Fabrication
Jason Roberson; Manager, Barnes Welding Supply
Ken Dewing; Enduequest Corporation
Paul Cordua; HIT Products Corp.
Jesse Kierleiber, Area Maintenance Manager, Walmart Dist.
Steve Staley; Staley Construction
Matthew Hammer; Porterville College, Adjunct
Carl Hammer; Porterville College, Adjunct

Topics Discussed:

1. First aid requirements
2. Hydraulic fittings
3. Personal Job Skills
4. Weld process requirements
5. Metrology
6. Jobs outlook
7. Computer literacy
8. Pex Plumbing types

1. First aid requirements:

First aid by employees is discouraged. To avoid liability and follow insurance guidelines all injuries are to be reported, documented, and treated by a physician. Major medical emergencies are to be handled using local emergency response (911).

2. Hydraulic fittings:

Training in the identification of all thread and taper type hydraulic fittings. Proper use of Teflon tape in fittings installation and O-ring maintenance and replacement.

3. Personal Job Skills:

Students should to be taught the following basic job skills:

1. Show up to work daily.
2. Be on time.
3. Be prepared, have all the necessary tools with you.
4. Understand how to use and maintain basic hand tools.

4. Weld process requirements:

Students should be trained and experienced in the setup and operation of most common welding processes (Arc, MIG, and TIG) and machines. Training in the use safe of support equipment such as saws, benders, and grinders is equally important.

5. Metrology:

As a manufacturing facility that works across multiple disciplines of the industrial spectrum, it is important to have well trained employees able to measure and calibrate equipment across linear measurement, Hydraulic and pneumatic pressures, along with AC and First aid requirements DC electrical disciplines.

6. Jobs outlook:

During the Covid-19 outbreak orders for portable sinks (a proprietary product) have more than quadrupled. These orders have led to the addition of two extra shifts per day along with a need for increased tooling capabilities. Employable skills requirements are as follows; mechanical aptitude, 3-phase electrical knowledge, and the ability to weld. HIT Products is constantly searching for qualified employees in the fields of Industrial Maintenance, Tool and Die Makers, and Skilled Injection Molding Machine operators.

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7. Computer literacy:

Computer literacy is not a required skill. All communications between management and floor staff are written or verbal. The only floor employees using computers are the computer numeric controlled machine operators.

8. Pex Plumbing types:

Of the two types of pex currently in use, Type A "Uponor" is the most widely used, and students should be taught to use the specialized tools needed for its installation.