

**Franklin County Career and Technology Center
FALL OCCUPATIONAL ADVISORY COMMITTEE REPORTING FORM**

PROGRAM AREA: **WELDING TECHNOLOGY**

MEETING DATE: 10/5/2017 **START:** 5:30pm **ADJOURN:** 6:45pm

COMMITTEE CHAIRPERSON: Will Greenland

COMMITTEE MEMBERS/GUESTS ATTENDING:

Will Greenland, Todd Benedict, Dave Watson

BRIEF MEETING SUMMARY:

Overall the committee was satisfied with the curriculum and safety training. A few recommendations were made for the lab area to incorporate additional welding machines to assist in accommodating all students with access to a welding machine. Recommendations were made for quick connect gas connections to reduce damage to the equipment. Committee was pleased with the purchase of the new plasma cutter. Members made suggestions for new equipment to be added to the 5 year equipment plan.

ADMINISTRATIVE RESPONSE:

- **Administration encourages better attendance at OAC meeting. Note the concern for classroom size and equipment access. Additional facility upgrades will be deferred to Maintenance Department evaluation. Agreed with need for more AC welders if it affects NOCTI performance.**

Will Greenland

SECRETARY/CHAIRPERSONS SIGNATURE

SECTION 1: APPROVAL OF MINUTES OF LAST MEETING

PLEASE CHECK ONE OF THE ITEMS LISTED BELOW:

- The minutes of the last meeting are approved as presented.
- The minutes of the last meeting are approved with the following changes.

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SECTION 2: REVIEW OF RECOMMENDATIONS FROM LAST MEETING

- Committee was pleased that respirators were being purchased for use with TIG welding stainless steel. All were satisfied with the improvements in the lab area to accommodate additional gas cylinders and the painted safety lanes on the floor.

SECTION 3: FACILITIES

FACILITIES REPORTING FORM:

	<u>Satisfactory</u>	<u>Unsatisfactory</u>
1. The room provides the most advantageous use of space available	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Room lighting is adequate for the the health and safety of the students.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. The room/lab areas are clean	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. Tools and equipment are arranged in an orderly and task-appropriate manner	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. The area has adequate storage facilities for permanent and consumable supplies	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6. Emergency Cutoff (Panic) Stops/Buttons are in operating condition.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7. Strategic floor areas are properly lined	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8. Strategic floor areas are free of obstructions	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9. There are adequate storage facilities for flammable and toxic materials.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10. There is adequate ventilation for flammable and toxic materials	<input checked="" type="checkbox"/>	<input type="checkbox"/>
11. Fire extinguishers are visible, accessible, properly maintained and adequate in number	<input checked="" type="checkbox"/>	<input type="checkbox"/>
12. Classroom space for instruction in related theory is adequate.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
13. The classroom/shop/laboratory temperature is comfortable	<input checked="" type="checkbox"/>	<input type="checkbox"/>

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|--|-------------------------------------|-------------------------------------|
| 14. The classroom/shop/laboratory is large enough for the number of students served | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 15. Persons with disabilities are accommodated in the classroom/shops/laboratory | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 16. Students have appropriate access to to equipment and supplies | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 17. As much as possible, the laboratory area mirrors the accommodations found in the workplace | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

COMMITTEE SUGGESTIONS/RECOMMENDATIONS FOR UNSATISFACTORY ITEMS:

1. The lab area needs to have a few additional welding booths installed to accommodate the need for additional AC TIG welders. There are only 2 AC machines, which Will Greenland noted creates a problem during the NOCTI and certification.

SECTION 4: EQUIPMENT AND SUPPLIES

• **EQUIPMENT AND SUPPLIES REPORTING FORM:**

- | | <u>Satisfactory</u> | <u>Unsatisfactory</u> |
|--|-------------------------------------|--------------------------|
| 1. The supply of tools and equipment is adequate to implement the curriculum | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Equipment and tools meet current industry standards and are appropriate for teaching the occupational skills for that business/industry | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. The condition of the equipment indicates proper care and maintenance | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Equipment should meet OSHA safety standards with respect to guards, shields, grounding, etc | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 5. Safety protection (safety glasses, shields, etc.) is provided and instruction in the proper use of them is provided | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 6. Supplies are adequate to implement program objectives | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 7. An inventory of equipment is maintained by the teacher or other staff member | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 8. A schedule for repair and replacement of equipment, tools and supplies is maintained | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 9. A security system for the use of tools, equipment and supplies is maintained | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 10. Safety Data Sheets (SDA/MSDS) are provided for each flammable, toxic or explosive material as recommended by OSHA | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

COMMITTEE SUGGESTIONS/RECOMMENDATIONS FOR UNSATISFACTORY ITEMS:

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- **RECOMMENDATIONS ON EQUIPMENT AND SUPPLIES**
- What additional equipment is recommended to meet current industrial/occupational skill standards?
- AC TIG Welders
- What equipment is recommended for replacement within the next two years?
- Hydraulic Bender and Dies
- What equipment is recommended for replacement within the next five years?
- Multi-Process Welders
- Replace flexible exhaust pickups with hood style ventilation system.
- Other recommendations:
 - Committee recommended adding plugs on the welding machines instead of having them all wired direct. This will allow for moving equipment and accommodating different equipment representatives for demos.

COMMITTEE SUGGESTIONS/RECOMMENDATIONS/COMMENTS:

- Adding quick-connect adapters on the gas connections.
- **UPDATE FIVE YEAR EQUIPMENT LIST FROM DISCUSSION AND ATTACH TO THIS DOCUMENT:**

SECTION 5: GENERAL DISCUSSION

LIST ITEMS FOR DISCUSSION NOT COVERED IN OTHER AREAS:

- **Electrical Upgrades to 460**

COMMITTEE SUGGESTIONS/RECOMMENDATIONS/COMMENTS:

1. Committee recommended the electrical capacity be upgraded to accommodate sub arc equipment. Committee asked if the electric could be ran from another shop that may already have that capacity.

FIVE YEAR EQUIPMENT LIST

School Year	Item #	Item Name	Justification/explanation why needed	Unit Quantity	Cost per Unit
Current 2017-18	1	Example Item – Name (Lincoln Arc Welder model 225)	Example (i.e. – accommodate increase class size, replace outdated/damaged equipment, improve instructional strategies and curriculum alignment, meet industry standards, provide more career and further educational opportunities, increase exposure to equipment and skills, improve student wage potential and marketability	3	2000
	2				
	3				
	4				
	5				
2018-19					
	1				
	2				
	3				
	4				
	5				
2019-20					
	1				
	2				
	3				
	4				
	5				

