

March 31, 2023

TO: State Sheet Metal Apprenticeship Advisory Committee Members and Consultants

FROM: Owen Smith, Bureau of Apprenticeship Standards; [Owen.Smith@dwd.wisconsin.gov](mailto:Owen.Smith@dwd.wisconsin.gov)

SUBJECT: **State Sheet Metal Apprenticeship Advisory Committee meeting**

DATE: **Thursday, April 6, 2023**

TIME: **10:00 a.m. – 12:00 p.m.**

ATTEND: [Attend virtually.](#)

**Attend via phone only:**

Call 608-571-2209 and enter code 187 158 438#.

**Attend in person:**

Department of Workforce Development, Room F105  
201 E Washington Ave, Madison

**AGENDA**

***Public comment will occur after each item once committee members conclude their discussions.***

1. Call the meeting to order.
2. Introduce attendees.
3. **Old Business**
  - a. Review the roster.
  - b. **Action:** Approve the minutes.
4. **New Business**
  - a. Review the revised template for state standards, approved by Policy & Standards Subcommittee:
    - i. Policies established in the *Wisconsin Apprenticeship Manual*
    - ii. Updated policies established by the Department of Labor
    - iii. Policies established by the state committee.
  - b. **Action:** verify policies established by the state committee are accurate.
  - c. **Action:** identify policies established by the state committee to revise further in fall, if needed.
  - d. Review survey results for five-year cyclical review of related instruction
  - e. Questions from the Director's Call.
  - f. Communicating state committee meetings to the public
  - g. Other

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6. Review the program participants.
7. Adjourn.



**Draft minutes of the**

**Sheet Metal**

**State Apprenticeship Advisory Committee**

**September 27, 2022**

SMWLU 18, Pewaukee,

With Virtual Option

<b>Members Present</b>	<b>Employer / Organization</b>
Aldag, David	Aldag Honold Mechanical Inc
Athas, Donald	Local 18
Bartz, Scott	Local 18
Bohacek, Dajen	SMACNA
Groeschel, Jr., Kenneth	Butters-Fetting Co., Inc.
Hyde, Ryan	Engebos Heating and Colling
Kalcic, Brad	Local 18
Knocke, Scott	Local 18
Malesevich, Tom	Sure Fire
Sytema, Tim	Local 18
Van Der Puy, Matthew	Local 18
Wilson, Stu	Local 18
Wippich, Daniel	Local 18
<b>Members Absent</b>	<b>Employer / Organization</b>
Everhart, Richard	General Heating & Air Conditioning
Frehner, Josh	Local 18
Mooney, Michael	Local 18
Stockland, Patrick	Capitol Mechanical
Wagner, Craig	Local 18

<b>Consultants &amp; Guests</b>	<b>Employer / Organization</b>
Emrick, Leigh	Associate Builders & Contractors
Gerhardt, Gail	OMSWI
Herber, Ryan	Bureau of Apprenticeship Standards
Hinz, Scott	Local 18
Jungwirth, Christina	Northeast Wisconsin Technical College
Nakkoul, Nancy	Wisconsin Technical College System
Nietzel, Lynn	Worldwide Instructional Design System
Polk, David	Bureau of Apprenticeship Standards
Pusch, Elizabeth	Bureau of Apprenticeship Standards
Smith, Owen	Bureau of Apprenticeship Standards
Stuart, Dave	Milwaukee Area Technical College
Tlachac, Scott	Local 18
Walsh, Julie	MAMSMCA

1. The meeting was called to order at 10:03 a.m. by Co-Chair Dave Aldag in conformance with the Wisconsin open meeting laws.
2. Mr. Smith recorded attendance. A quorum was present.
3. The committee reviewed the current roster. No updates were necessary.

#### **4. Actions**

##### **a. Approve the minutes.**

The state committee approved the minutes as written.

##### **b. Review related instruction as part of the five-year cyclical review.**

Nancy Nakkoul and Lynn Nietzel reviewed the objectives of the cyclical five-year review of related instruction: ensure the curriculum is current for industry needs, aligned with available youth apprentices, and aligned with other post-secondary education paths. They will survey the state committee through BAS and share the responses at the 2023 spring meeting.

## **5. Discussions**

### **a. Follow-up questions regarding the BAS Director's Call with State Committees**

Attendees did not have questions or comments.

### **b. How well is the current training working?**

Owen Smith reviewed that the streamlined format of state committee meetings focuses nearly entirely on training policies and content specific to the committee. He inquired if the on-the-job learning needed to be reviewed or updated to meet current training needs.

The state committee advised that no updates are needed at this time.

### **c. How is industry preparing for potential infrastructure funding?**

The state committee reported that the industry continues to develop pipelines for qualified applicants through general outreach, youth apprenticeship, and certified pre-apprenticeship.

Attendees asked when the funding or projects will be announced. Director Polk replied that the Bureau does not know.

### **d. Reimbursement for on-the-job learning and supportive services**

Director Polk reviewed the flier in the meeting material and noted that reimbursement is not contingent upon wage.

The state committee asked how much funding remained. Director Polk replied that sufficient funding remains, so he encouraged the state committee to inform employers and apprentices.

The state committee inquired into the deadline. Director Polk replied that the deadline is July 1, 2023, or when funds expire.

### **e. Register your National Apprenticeship Week event**

Director Polk reviewed the website and encouraged attendees to host events and register them through the Department of Labor.

Attendees did not have questions or comments.

6. The state committee reviewed the participant statistics and did not find discrepancies.
7. The meeting adjourned at 11:45 a.m. The Bureau will schedule the next meeting via electronic survey.

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*Submitted by Owen Smith,  
Bureau of Apprenticeship Standards*



# 50-432-1 Sheet Metal Construction (JAC) Employer Survey Results

WTCS Related Instruction Review



This survey was shared with companies that employ **Sheet Metal Construction (JAC)** Apprentices. The survey was closed on January 6, 2023. There was a total of 2 respondents.



## Results

*Q2 - Does the related instruction have gaps or new content that needs to be addressed?*

Respondent 1	No
Respondent 2	No

*Q3 - Are you aware of any outdated or irrelevant related instruction content?*

Respondent 1	No
Respondent 2	No

*Q4 - Would you like to explore the alignment of the related instruction and on the job learning with the attainment of a technical diploma or post-secondary course credits for the apprentice?*

Respondent 1	Yes
Respondent 2	Yes

*Q5 - What else do you want to communicate about the related instruction for this program?*

Respondent 1	NA
Respondent 2	NA

# 50-432-3 Environmental Service Technician Employer Survey Results

WTCS Related Instruction Review



This survey was shared with companies that employ **Environmental Service Technician** Apprentices. The survey was closed on January 6, 2023. There was a total of 3 respondents.



## Results

*Q2 - Does the related instruction have gaps or new content that needs to be addressed?*

Respondent 1	Yes - Would like to see more test and balance curriculum.
Respondent 2	No
Respondent 3	No

*Q3 - Are you aware of any outdated or irrelevant related instruction content?*

Respondent 1	No
Respondent 2	No
Respondent 3	No

*Q4 - Would you like to explore the alignment of the related instruction and on the job learning with the attainment of a technical diploma or post-secondary course credits for the apprentice?*

Respondent 1	Yes
Respondent 2	No
Respondent 3	Yes

*Q5 - What else do you want to communicate about the related instruction for this program?*

Respondent 1	NA
Respondent 2	NA
Respondent 3	NA



## State Committee Report



This summary counts employers and apprentices, between 3/31/2023 and 3/31/2023 with contract status as Active & Unassigned in occupation(s) associated with this committee.

Report is based on apprentice contracts where:

- Contract sector is 'Construction'.
- Contract occupation code matches a occupation code assigned to committee.
- Contract sponsor is the employer.

Note: Employers active in more than one occupation or committee can cause Column #3 totals at the Committee or State level to deviate from the summed total of the individual occupation or committee rows.

Occupation	Apprentices									Employers				
	Total	Minority		Females		Union		Non-Union		Total	Union		Non-Union	
		#	%	#	%	#	%	#	%		#	%	#	%
1	2	3	3a	4	4a	5	5a	6	6a	7	8	8a	9	9a
<b>Report Total</b>	<b>771</b>	<b>56</b>	<b>7.3</b>	<b>18</b>	<b>2.3</b>	<b>593</b>	<b>76.9</b>	<b>178</b>	<b>23.1</b>	<b>153</b>	<b>102</b>	<b>66.7</b>	<b>51</b>	<b>33.3</b>
Environmental Systems Technician (49-9021.00)	99	11	11.1	3	3.0	98	99.0	1	1.0	35	34	97.1	1	2.9
Environmental Systems Technician (Residential) (00-0000.00)	3	0	0	0	0	3	100.0	0	0	3	3	100.0	0	0
Heating, Ventilating and Air Cond. Install/Service (49-9021.00)	152	11	7.2	1	.7	0	0	152	100.0	44	0	0	44	100.0
Sheet Metal Worker (47-2211.00)	508	33	6.5	14	2.8	483	95.1	25	4.9	100	87	87.0	13	13.0
Sheet Metal Worker (Residential) (00-0000.00)	9	1	11.1	0	0	9	100.0	0	0	3	3	100.0	0	0

# State Committee Report by Sponsor & Occupation



This summary counts employers and apprentices, between 3/31/2023 and 3/31/2023 with contract status as Active & Unassigned in occupation(s) associated with this committee.

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- Contract sector is 'Construction'.
- Contract occupation code matches a occupation code assigned to committee.
- Contract sponsor is the employer.

Note: Employers active in more than one occupation or committee can cause Column #7 totals at the Committee or State level to deviate from the summed total of the individual occupation or committee rows.

Sponsor Name Occupation	Apprentices									Employers				
	Total	Minority		Females		Union		Non-Union		Total	Union		Non-Union	
		#	%	#	%	#	%	#	%		#	%	#	%
1	2	3	3a	4	4a	5	5a	6	6a	7	8	8a	9	9a
<b>Report Total</b>	<b>771</b>	<b>56</b>	<b>7.3</b>	<b>18</b>	<b>2.3</b>	<b>593</b>	<b>76.9</b>	<b>178</b>	<b>23.1</b>	<b>153</b>	<b>102</b>	<b>66.7</b>	<b>51</b>	<b>33.3</b>
<b>ABC of Wisconsin (All)</b>	<b>176</b>	<b>12</b>	<b>6.8</b>	<b>2</b>	<b>1.1</b>	<b>0</b>	<b>0</b>	<b>176</b>	<b>100.0</b>	<b>50</b>	<b>0</b>	<b>0</b>	<b>50</b>	<b>100.0</b>
Heating, Ventilating and Air Cond. Install/Service (49-9021.00)	152	11	7.2	1	.7	0	0	152	100.0	44	0	0	44	100.0
Sheet Metal Worker (47-2211.00)	24	1	4.2	1	4.2	0	0	24	100.0	12	0	0	12	100.0
<b>East Central WI Area Sheet Metal JAC</b>	<b>30</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>28</b>	<b>93.3</b>	<b>2</b>	<b>6.7</b>	<b>12</b>	<b>10</b>	<b>83.3</b>	<b>2</b>	<b>16.7</b>
Environmental Systems Technician (49-9021.00)	7	0	0	0	0	6	85.7	1	14.3	6	5	83.3	1	16.7
Sheet Metal Worker (47-2211.00)	23	0	0	0	0	22	95.7	1	4.3	8	7	87.5	1	12.5
<b>ELW Area Sheet Metal JAC</b>	<b>80</b>	<b>3</b>	<b>3.8</b>	<b>0</b>	<b>0</b>	<b>80</b>	<b>100.0</b>	<b>0</b>	<b>0</b>	<b>20</b>	<b>20</b>	<b>100.0</b>	<b>0</b>	<b>0</b>
Environmental Systems Technician (49-9021.00)	4	1	25.0	0	0	4	100.0	0	0	2	2	100.0	0	0
Sheet Metal Worker (47-2211.00)	76	2	2.6	0	0	76	100.0	0	0	20	20	100.0	0	0
<b>Fox Valley Area Sheet Metal JAC</b>	<b>148</b>	<b>3</b>	<b>2.0</b>	<b>6</b>	<b>4.1</b>	<b>148</b>	<b>100.0</b>	<b>0</b>	<b>0</b>	<b>18</b>	<b>18</b>	<b>100.0</b>	<b>0</b>	<b>0</b>
Environmental Systems Technician (49-9021.00)	4	0	0	0	0	4	100.0	0	0	2	2	100.0	0	0
Sheet Metal Worker (47-2211.00)	144	3	2.1	6	4.2	144	100.0	0	0	17	17	100.0	0	0
<b>Madison Area Sheet Metal JAC</b>	<b>84</b>	<b>9</b>	<b>10.7</b>	<b>3</b>	<b>3.6</b>	<b>84</b>	<b>100.0</b>	<b>0</b>	<b>0</b>	<b>11</b>	<b>11</b>	<b>100.0</b>	<b>0</b>	<b>0</b>
Environmental Systems Technician (49-9021.00)	16	3	18.8	0	0	16	100.0	0	0	4	4	100.0	0	0
Sheet Metal Worker (47-2211.00)	68	6	8.8	3	4.4	68	100.0	0	0	11	11	100.0	0	0

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		#	%	#	%	#	%	#	%		#	%	#	%
1	2	3	3a	4	4a	5	5a	6	6a	7	8	8a	9	9a
<b>Report Total</b>	<b>771</b>	<b>56</b>	<b>7.3</b>	<b>18</b>	<b>2.3</b>	<b>593</b>	<b>76.9</b>	<b>178</b>	<b>23.1</b>	<b>153</b>	<b>102</b>	<b>66.7</b>	<b>51</b>	<b>33.3</b>
<b>Milwaukee Area Sheet Metal JAC</b>	<b>215</b>	<b>25</b>	<b>11.6</b>	<b>6</b>	<b>2.8</b>	<b>215</b>	<b>100.0</b>	<b>0</b>	<b>0</b>	<b>46</b>	<b>46</b>	<b>100.0</b>	<b>0</b>	<b>0</b>
Environmental Systems Technician (49-9021.00)	57	5	8.8	3	5.3	57	100.0	0	0	17	17	100.0	0	0
Environmental Systems Technician (Residential) (00-0000.00)	3	0	0	0	0	3	100.0	0	0	3	3	100.0	0	0
Sheet Metal Worker (47-2211.00)	146	19	13.0	3	2.1	146	100.0	0	0	37	37	100.0	0	0
Sheet Metal Worker (Residential) (00-0000.00)	9	1	11.1	0	0	9	100.0	0	0	3	3	100.0	0	0
<b>Southeastern WI Area Sheet Metal JAC</b>	<b>38</b>	<b>4</b>	<b>10.5</b>	<b>1</b>	<b>2.6</b>	<b>38</b>	<b>100.0</b>	<b>0</b>	<b>0</b>	<b>9</b>	<b>9</b>	<b>100.0</b>	<b>0</b>	<b>0</b>
Environmental Systems Technician (49-9021.00)	11	2	18.2	0	0	11	100.0	0	0	4	4	100.0	0	0
Sheet Metal Worker (47-2211.00)	27	2	7.4	1	3.7	27	100.0	0	0	7	7	100.0	0	0





## Historical Report by Year

### Report Period: 2023\* and Previous -10 Years

*Current year is YTD data as of Run Date: 03/31/2023		
Run Date: 03/31/2023		
State Sheet Metal Committee		
Sponsored Trade Group(s): Construction		
Year	Active Apprentices	Active Employers
2013	417	132
2014	419	121
2015	466	121
2016	493	128
2017	569	145
2018	631	151
2019	694	150
2020	750	162
2021	778	162
2022	792	156
2023	778	152

