Directions: Evaluate the trainee using the rating scale below and check the appropriate number to indicate the degree of competency achieved. The numerical ratings of 3, 2, 1, and 0 are not intended to represent the traditional school grading system of A, B, C, D, and F. The descriptions associated with each of the numbers focus on level of student performance for each of the tasks listed below.

Rating Scale:

0 - No Exposure - no information nor practice provided during training program, complete training required.
1 - Exposure Only - general information provided with no practice time, close supervision needed and additional training required.
2 - Moderately Skilled - has performed independently during training program, limited additional training may be required.
3 - Skilled - can perform independently with no additional training.

01.0 Safety
The student will be able to:

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- Determine the importance of Agricultural Metal Fabrication Technology
- Reinforce basic technical skills
- Identify safety practices
- Identify laboratory management procedures

02.0 Metal Technology Skills
The student will be able to:

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- Determine uses of metal
- Identify types of metal
- Recognize properties of metal
- Use appropriate bench metal techniques
- Properly select and use oxy-fuel equipment
- Properly select and use shielded metal arc welding equipment
- Properly select and use gas metal arc welding equipment
- Properly select and use gas tungsten arc welding equipment
- Properly select and use plasma arc cutting and welding equipment
- Properly apply specially welding and cutting techniques

03.0 Cost Effective Construction Techniques
The student will be able to:

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- Utilize computer assisted design techniques
- Prepare construction plans and working drawings
- Determine recommended and required design features
- Read and interpret plans and working drawings
- Prepare bill of materials
- Fabricate and maintain agricultural equipment