

## 4-H WELDING

Grade 6 and up

### Requirements:

Projects **SHOULD NOT** be painted.

All projects shall be welded with an ARC welder only. MIG welder can be used on Grade 12 projects only.

Levels 1, 2, and 3 **MUST** use electrode.

### Level 1—Grades 6 and 7

First year exhibitors will weld a box for their fair entry, steel provided.

Second year exhibitors will exhibit one of the following:

- a. a sample weld
- b. a joint weld
- c. a small project
- d. a box, steel not provided

**AND** an additional sheet explaining welding safety

### Level 2—Grades 8 & 9

Complete and exhibit one of the following:

- a. a sample weld using overhead welds
- b. a joint weld using overhead welds
- c. a small project using overhead welds

**AND** an additional sheet explaining welding symbols

### Level 3—Grades 10 & 11

Complete and exhibit one of the following:

- a. a sample weld using out of position welds
- b. a joint weld using out of position welds
- c. a small project using out of position welds

**AND** an additional sheet explaining the different types of welding rods and their uses

### Level 4—Grades 12 Only

Member **may** choose to make their project using a MIG (wire) welder.

Accompanying this shall be a paper explaining the use of different gases, different alloys, and different wires.

### Information:

First years members will owe \$20 for equipment and dues.

All other members will owe \$5 dues to cover cost.

Financial assistance available if needed.

The leaders are Blake Norris and Marvin Rees

# Indiana 4-H Club General Record



Project \_\_\_\_\_  
(Fill in name and division of project)

Note: Use this record sheet for projects that do not have record sheets, to replace lost or damaged record sheets, or as your county designates.

Name \_\_\_\_\_ Grade (as of Jan 1 of current year) \_\_\_\_\_ Year \_\_\_\_\_

Name of Club \_\_\_\_\_

County \_\_\_\_\_ Year in Club Work \_\_\_\_\_

Date Project Started \_\_\_\_\_ Date Project Completed \_\_\_\_\_

I have reviewed this record and believe it to be correct:

Signature of 4-H Leader \_\_\_\_\_ Date \_\_\_\_\_

Signature of 4-H Leader \_\_\_\_\_ Date \_\_\_\_\_

Signature of 4-H Leader \_\_\_\_\_ Date \_\_\_\_\_

I. Tell about what activities you did to complete your project. List any articles you made.

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II. Tell about what you learned while you were working on this project.

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III. Time spent, cost, profit/loss, etc.

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IV. Give any additional information your leader asks for.

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