TEAM CRANE SCIENCE FAIR

JUDGES WORKSHEET

Project No: \_\_\_\_\_\_\_\_\_ Judge No: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

This project is being judged for (check one)

 Category Award \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Special Award \_\_\_\_\_\_\_\_\_\_\_\_\_\_

 (category name) (award name)

**Creative Ability (30 points maximum) \_\_\_\_\_\_\_\_\_\_\_**

Questions Asked  **SCORE**

Approach to Problem & Solution

Equipment Used

New equipment Designed

Original features on an old design

Totally new innovative product

**Engineering Goals (30 points maximum) \_\_\_\_\_\_\_\_\_\_\_**

Clear Project Objective  **SCORE**

Objective Related to User Needs

Workable Solutions

Useful Solutions

Economically Feasible Solutions

**Thoroughness (15 points maximum) \_\_\_\_\_\_\_\_**

Complete with Original Scope  **SCORE**

Evidence that testing of product was attempted

Amount of Time Spent on Project

Followed the Systems Engineering Design Process

Completeness of Notes and Documentation

**Skill (15 points maximum)** \_\_\_\_\_\_\_\_

Amount of Project Work Done by Student **SCORE**

Reliance on Consultant Assistance

Location of Project Work

Sources of Equipment

**Clarity (10 points maximum) \_\_\_\_\_\_\_\_**

Verbal Explanation of Project **SCORE**

Visual Presentation of Project

Comments: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Grand Award Nominee? yes no Total Score: \_\_\_\_\_\_\_\_\_**

TEAM CRANE SCIENCE FAIR

JUDGES WORKSHEET

Project No: \_\_\_\_\_\_\_\_\_ School Code: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

PARTICIPATING STUDENT’S FORM

(To be returned to the student)

**Creative Ability 🞏 poor 🞏 fair 🞏 good 🞏 excellent**

Questions Asked

Approach to Problem & Solution

Equipment Used

New equipment Designed

Original features on an old design

Totally new innovative product

**Engineering Goals 🞏 poor 🞏 fair 🞏 good 🞏 excellent**

Clear Project Objective

Objective Related to User Needs

Workable Solutions

Useful Solutions

Economically Feasible Solutions

**Thoroughness 🞏 poor 🞏 fair 🞏 good 🞏 excellent**

Complete with Original Scope

Evidence that testing of product was attempted

Amount of Time Spent on Project

Followed the Systems Engineering Design Process

Completeness of Notes and Documentation

**Skill 🞏 poor 🞏 fair 🞏 good 🞏 excellent**

Amount of Project Work Done by Student

Reliance on Consultant Assistance

Location of Project Work

Sources of Equipment

**Clarity 🞏 poor 🞏 fair 🞏 good 🞏 excellent** Verbal Explanation of Project

Visual Presentation of Project

Comments: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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