# Appendix 2: Protest Form

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|  | **PROTESTS Form**  **e-Human Powered Vehicle Challenge**  **Competition Location: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  **Competition Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** |
| ***\*\*\* This is NOT a required form. It may be used only if a team is filing a protest during a competition \*\*\* Additional details can be found in the Rules, Section III.G.***  ***\*\*\**** | |

**Protests**

Protests may be made in accordance with the rules of the ASME e-Human Powered Vehicle Challenge. This protest format may be used or not used at the discretion of the team or individual presenting the protest. If this format is not used, the information outlined herein should be included in whatever format is used.

Any intent to protest must be announced within 15 minutes of the causative action, and the written protest must be submitted within 30 minutes of this announcement. Oral protests will not be honored.

Date: Protestor’s Vehicle No:

Protesting School:

Other Vehicle(s) Involved (if applies):

Event during which protested action occurred:

Nature of protest (e.g., rule violation, error in scoring, etc.):

Description of incident/statement of protest (may be entered or continued on separate page)

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Judges Action:

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# Appendix 3: Safety Exemption Request Form

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|  | **Requested Exemptions to the Safety Certification**  **e-Human Powered Vehicle Challenge**  **Competition Location: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  **Competition Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** |
| ***\*\*\* This is NOT a required form. It is to be used only if a registrant/team is***  ***requesting an exemption to the safety certification \*\*\****  ***Any request for exemptions from specific safety requirements must be submitted in writing using this form to the competition Head Judge at hpvc@asme.org***  ***NOTE: You have up to 10 days following your vehicle registration for this submission*** | |

**School: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Vehicle/Team Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Vehicle Number (if applicable):\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Requestor’s Name/Team Captain’s\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**I request the following exceptions to the safety certification, and I have included a brief justification for that/those request(s):**

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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# Appendix 4: Report Cover Page & Vehicle Description Form

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|  | **Report Cover Page & Vehicle Description Form**  **e-Human Powered Vehicle Challenge**  **Competition Location: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  **Competition Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** |
| This required document for all teams is to be incorporated in to your Design Report.  Please Observe Your Due Dates; see the ASME e-HPVC website and rules for due dates. | |

**Vehicle Description**

University name:

Vehicle name:

Vehicle number:

Vehicle configuration:

Upright Semi-recumbent

Prone Other (specify)

Frame material:

Fairing material(s):

Number of wheels:

Vehicle Dimensions (m)

Length:

Width:

Height:

Wheelbase:

Weight Distribution (kg)

Front:

Rear:

Total Weight (kg):

Wheel Size (m)

Front:

Rear:

Frontal area (m2):

Steering (Front or Rear)

Braking (Front, Rear, or Both):

Estimated Coefficient of Drag:

Vehicle history (e.g., has it competed before? where? when?):

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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# Appendix 5: Endurance Event Lap Count Sheet

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| **University:** | | | | | | |
| **Vehicle Number:** | | | | | | |
| **Lap** | **Time of Day** | **Driver** | **—** | **Lap** | **Time of Day** | **Driver** |
| 0 |  |  |  | 36 |  |  |
| 1 |  |  |  | 37 |  |  |
| 2 |  |  |  | 38 |  |  |
| 3 |  |  |  | 39 |  |  |
| 4 |  |  |  | 40 |  |  |
| 5 |  |  |  | 41 |  |  |
| 6 |  |  |  | 42 |  |  |
| 7 |  |  |  | 43 |  |  |
| 8 |  |  |  | 44 |  |  |
| 9 |  |  |  | 45 |  |  |
| 10 |  |  |  | 46 |  |  |
| 11 |  |  |  | 47 |  |  |
| 12 |  |  |  | 48 |  |  |
| 13 |  |  |  | 49 |  |  |
| 14 |  |  |  | 50 |  |  |
| 15 |  |  |  | 51 |  |  |
| 16 |  |  |  | 52 |  |  |
| 17 |  |  |  | 53 |  |  |
| 18 |  |  |  | 54 |  |  |
| 19 |  |  |  | 55 |  |  |
| 20 |  |  |  | 56 |  |  |
| 21 |  |  |  | 57 |  |  |
| 22 |  |  |  | 58 |  |  |
| 23 |  |  |  | 59 |  |  |
| 24 |  |  |  | 60 |  |  |
| 25 |  |  |  | 61 |  |  |
| 26 |  |  |  | 62 |  |  |
| 27 |  |  |  | 63 |  |  |
| 28 |  |  |  | 64 |  |  |
| 29 |  |  |  | 65 |  |  |
| 30 |  |  |  | 66 |  |  |
| 31 |  |  |  | 67 |  |  |
| 32 |  |  |  | 68 |  |  |
| 33 |  |  |  | 69 |  |  |
| 34 |  |  |  | 70 |  |  |
| 35 |  |  |  | 71 |  |  |

Attention: Time is to be recorded as local time of day and not as race time

The minimum number of laps/time for each driver is 2 laps or 30 mins, whichever comes first

The maximum number of laps for any driver will be announced during the drivers' meeting