

# SKILL ELECTRIC 2025

## Risk Assessment

|  |  |                     |                 |  |                |   |            | AT RISK  |                     |   | RISK LIKELIHOOD   |   | RISK SEVERITY         |
|--|--|---------------------|-----------------|--|----------------|---|------------|--|---------------------|---|-------------------|---|-----------------------|
| Company Name: NET (National Electrotechnical Training) |  |                     |                 | Installation Period: 01/04/2025-30/06/2025   |                |   |            | Organisers, Partners & Stakeholders  | OPS                 |   | Very Likely       |   | Death                 |
| Site: Various National Qualifier 2025 host venues      |  |                     |                 | Responsible Person: Jennie Phung   |                |   |            | Competitors  | COM                 |   | Likely            |   | Major Injury          |
|  |  |                     |                 | E-mail: <a href="mailto:jennie.phung@netservices.org.uk">jennie.phung@netservices.org.uk</a> |                |   |            | Visitors & Public  | VP                  |   | Possible          |   | 3 Day + Injury        |
|  |  |                     |                 |  |                |   |            | All persons onsite   | APO                 |   | Unlikely          |   | Minor Injury          |
|  |  |                     |                 |  |                |   |            |  |                     |   | Very Unlikely     |   | Near Miss             |
| TASK / ACTIVITY  | HAZARD   | WHO MIGHT BE HARMED | RISK LIKELIHOOD |  | RISK SEVERITY  |   | RISK LEVEL | CONTROL MEASURES PUT IN PLACE TO REDUCE RISK   | NEW RISK LIKELIHOOD |   | NEW RISK SEVERITY |   | CONTROLLED RISK LEVEL |
| Cutting and stripping cables                           | Cuts, lacerations  | COM                 | Possible        | 3  | Minor Injury   | 2 | 6          | No open blade or craft knives, wearing goggles   | Unlikely            | 2 | Minor Injury      | 2 | 4                     |
| Cutting conduit  | Cuts, lacerations  | COM                 | Possible        | 3  | Minor Injury   | 2 | 6          | Gloves worn while cutting  | Very Unlikely       | 1 | Minor Injury      | 2 | 2                     |
| Live testing   | Electric shock   | COM                 | Possible        | 3  | Death          | 5 | 15         | All work checked by Judges prior to energising circuits. Judges in control of power supply leads   | Very Unlikely       | 1 | Death             | 5 | 5                     |
| Installing cable and equipment                         | Working at height, trip hazards, use of power tools and electric shock   | COM                 | Possible        | 3  | Major Injury   | 4 | 12         | All work at ground level. No power tools only battery tools and no live working  | Very Unlikely       | 1 | 3 Day + Injury    | 3 | 3                     |
| Fire risks   | Burns, smoke inhalation  | APO                 | Unlikely        | 2  | Major Injury   | 4 | 8          | No hot working, work area kept clear of debris, area continually monitored   | Very Unlikely       | 1 | Major Injury      | 4 | 4                     |
| House keeping  | Slips and trips  | COM                 | Possible        | 3  | 3 Day + Injury | 3 | 9          | Area kept clear continual monitoring by staff on stand   | Very Unlikely       | 1 | 3 Day + Injury    | 3 | 3                     |
| Eating and drinking in skill area                      | Choking, scalding & slipping   | APO                 | Possible        | 3  | Minor Injury   | 2 | 6          | Food only consumed in designated areas area kept clear and clean   | Very Unlikely       | 1 | Minor Injury      | 2 | 2                     |
| Using battery operated hand tools                      | Cuts, lacerations  | COM                 | Unlikely        | 2  | Minor Injury   | 2 | 4          | Competitors wearing gloves and goggles when using battery operated hand tools and testing they are in working order ahead of the competition   | Very Unlikely       | 1 | Minor Injury      | 2 | 2                     |
| Working at Height                                      | Using equipment or practices not suitable for the task, fall covering height, angle of impact and landing surface, equipment carried. Cuts, concussion | COM                 | Possible        | 3  | Major Injury   | 4 | 12         | Appropriate PPE, eye protection Hard hat or bump cap, Area clear of debris, short duration, appropriate work platform/step ladder used in accordance with instructions for use, Safe system of work, ensure shoes will not slip on surface | Possible            | 3 | Minor Injury      | 3 | 4                     |