

## NECA Labor Factor Score Sheet

Using the Labor Factor Score Sheet, assign each condition a score from 1 to 5, where 1 represents normal working conditions and 5 represents the most difficult working conditions. If the total score is 36–75, use the Normal column. If the total score is 76–134, use the Difficult column. If the total score is 135–150, use the Very Difficult column. For total scores greater than 150, the Very Difficult column may be inadequate. In these cases, refer to studies published by ELECTRI International and to the electrical contractor's experience with similar work and projects.

| Conditions                              | Considerations                                                                                         | Score |
|-----------------------------------------|--------------------------------------------------------------------------------------------------------|-------|
| Working conditions                      | Indoor, Controlled environment, Extreme conditions                                                     |       |
| Working height                          | Up to 10', 10'-20', 20' +, Ladders/lifts/scaffold, Below grade                                         |       |
| Building height                         | Number of floors 1-3, 4-7, High-rise                                                                   |       |
| Building sq. ft.                        | Manageable, Moderate, Excessive                                                                        |       |
| Project size in dollars                 | Normal, Moderate, Extreme                                                                              |       |
| Site size                               | Urban setting, Ample laydown space                                                                     |       |
| Job conditions                          | New construction, Remodel, Work while occupied                                                         |       |
| Type of construction                    | Frame, Block, Concrete or exposed                                                                      |       |
| Hours worked                            | 40 hr./week; 5, 6 or 7 day work week; 8,10 or 12 hour work day                                         |       |
| Shifts                                  | Day, 2nd, 3rd                                                                                          |       |
| Crew density                            | Normal, Moderate, Extreme                                                                              |       |
| Project duration                        | Normal, Compressed, Delayed, Fast track                                                                |       |
| Safety                                  | Standard OSHA guidelines, Customer directives, Project specific, Tool tethering                        |       |
| Clean-up                                | Routine, No dust, Clean room condition                                                                 |       |
| Installation                            | Repetitive, Moderate repetitive, No repetition                                                         |       |
| Systems                                 | Common systems, Special, Complex                                                                       |       |
| Conduit type                            | PVC, EMT, Flex or GRC, IMC, Aluminum, PVC coated GRC                                                   |       |
| Accessibility of the work area          | Unlimited, Limited, Escorted                                                                           |       |
| Voltage                                 | 0-600V, 600-5Kv, Over 5Kv                                                                              |       |
| Inventory of local suppliers            | Adequate, Moderate, Limited                                                                            |       |
| Proximity of stored materials           | On site, In the general area of the project, Remote                                                    |       |
| Project continuity                      | Interruptions: None, Moderate, Extreme                                                                 |       |
| Construction                            | Standard, Poor, None                                                                                   |       |
| Drawings/plans                          | % Complete, 100%, 95%, 50%, 35%, Less                                                                  |       |
| Information                             | Timely, Delayed, Limited                                                                               |       |
| Change order quantity/timing            | Minimal, Moderate, Excessive/Before installation, During, After                                        |       |
| Craft coordination required             | Minimum, Moderate, Extensive                                                                           |       |
| Authority having jurisdiction           | Experience with type of project: Considerable, Moderate, Limited                                       |       |
| Decision making                         | Timely, Delayed, Limited                                                                               |       |
| BIM Building Integrated Modeling        | General/Owner uses BIM proactively, Is moderately proactive, Just used to satisfy a contract condition |       |
| Project schedule                        | As planned, Compressed/extended, Moderately, Extreme                                                   |       |
| General contractors on the same jobsite | Single prime, Two primes, Three + primes                                                               |       |
| Job meetings                            | Regularly scheduled, Crisis meetings, Minimal                                                          |       |
| Shared responsibility for the project   | One EC, Two ECs, Three + ECs on site                                                                   |       |
| Tools/equipment                         | Standard, Non-standard, Specialty                                                                      |       |
| Labor availability                      | Readily, Moderately, Limited, Non-available                                                            |       |
| <b>Total Score</b>                      |                                                                                                        |       |

*The NECA Labor Factor Score Sheet may be duplicated by purchasers of the Manual of Labor Units for the purposes of calculating project score. This document is also available online at [www.necanet.org/MLU](http://www.necanet.org/MLU).*