

Example 1 - Construction Worker

May 2025

Date of estimation allows validation later.

Construction Worker

1. Job Composition

- Thinking: 15% (problem-solving, basic planning)
- Physical: 50% (lifting, operating machinery, manual labor)
- Social: 10% (team coordination)
- Perception: 15% (spatial awareness, hazard detection)
- Adaptation: 10% (responding to changing site conditions)

Job Composition can be fine tuned by the assessors for their individual personal roles.

2. Human Advantage Score

- Thinking: 4/10 (AI can handle basic plans but struggles with on-site decisions)
- Physical: 8/10 (robots still struggle with construction-site mobility and strength)
- Social: 6/10 (limited real-time team coordination capabilities)
- Perception: 7/10 (computer vision struggles in unstructured environments)
- Adaptation: 9/10 (significant challenges with unpredictable environments)

3. Job Resilience Score

- Total: 7.15/10
- Beginner: 6.15 (7.15-1)
- Advanced: 7.15
- Master: 8.15 (7.15+1)

Human Advantages change over time and across specific roles and circumstances, and estimations can be highly subjective. However, well informed individuals are still in a good position to estimate their personal advantages. Benchmark results can be supplemented to provide context where available.

4. Result: Low to Very Low Risk (10-15+ years)

5. Adoption Factors Check: Safety benefits beyond cost savings might increase risk level slightly, but construction work still remains in the low risk category.