

1. Risk Assessment Form

Num	Hazard	Possible Harm	Risk Level	Control/Action
1	System Overcharge or Server Crash	Data loss or experiment interruption	Medium	Regularly back up experimental data and monitor system's status
2	Network Delay or Communication Failure	Agent disconnection or degraded control performance	High	Implement fault-tolerant communication, use local buffering, and enable automatic reconnection
3	Software or Configuration Error	Simulation instability or inaccurate results.	Medium	Apply version control (Git), perform parameter verification, and conduct unit testing

Table 1: Risk Assessment Form