

# The 9th Robotic Grasping and Manipulation Competition (RGMC)

IEEE-RAS International Conference on Robotics and Automation (ICRA) Yokohama, Japan,  
May 13-17, 2024

## Essential Skill Sub-Track 2: In-Hand Manipulation Scoring Sheet

Team Name: \_\_\_\_\_

Team Leader: \_\_\_\_\_  
*Team Leader Signature*

Judge: \_\_\_\_\_  
*Judge Signature*

### Task A: Object Position Control for Waypoints Tracking

Cylinder and Novel Object Manipulation			
	Total Error (cm) / # Waypoints Reached	Exec Time (s)	Best Run
<b>Run 1.1:</b> Cylinder Diameter _____ (60 mm / 80 mm / 100 mm)	/		
<b>Run 1.2:</b> Cylinder Diameter _____ (60 mm / 80 mm / 100 mm)	/		
<b>Run 2.1:</b> Novel Object	/		
<b>Run 2.2:</b> Novel Object	/		
Task points	Run 1:	Run 2:	

### Task B: Object Re-orientation

Cube Re-orientation			
	Result (Success / Total)	Exec Time (s)	Best Run
<b>Run1:</b> Cube Size _____ (Small / Large)	/		
<b>Run2:</b> Cube Size _____ (Small / Large)	/		
Task points			

Total points \_\_\_\_\_

Verify score \_\_\_\_\_

*2<sup>nd</sup> Judge's Signature*