

TBM 1: Prepare Assembly Aid Tray for Force Fitting

Team name: _____

Referee I: _____, Referee II: _____

Date and time: _____

Achievements

	yes	no
The robot correctly grasp the assembly aid tray: Comment: _____	<input type="checkbox"/>	<input type="checkbox"/>
The robot correctly grasp the first bearing box: Comment: _____	<input type="checkbox"/>	<input type="checkbox"/>
The robot correctly grasp the second bearing box: Comment: _____	<input type="checkbox"/>	<input type="checkbox"/>
The robot insert the first bearing box into the aid tray: Comment: _____	<input type="checkbox"/>	<input type="checkbox"/>
The robot insert the second bearing box into the aid tray: Comment: _____	<input type="checkbox"/>	<input type="checkbox"/>
The robot correctly deliver the tray to the force fitting station: Comment: _____	<input type="checkbox"/>	<input type="checkbox"/>
The robot correctly executes the force fitting operation:		

Penalized Behaviors

The robot bumps into obstacles in the test bed:	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
The robot drops an object (the object touches the ground):	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
The robot stops working:	<input type="checkbox"/>

Disqualifying Behaviors

The robot damages or destroys the objects requested to manipulate:	<input type="checkbox"/>
The The robot damages the test bed:	<input type="checkbox"/>

Benchmarking data delivered appropriately: ☐ yes / ☐ no

Team leader signature: _____

Referee signature: _____

TBM 2: Plate Drilling

Team name: _____

Referee I: _____, Referee II: _____

Date and time: _____

Achievements

	yes	no
The robot correctly identifies perfect plates and sorts them in the corresponding card file box:		
The robot collect the cover plate box from the shelves Comment: _____	<input type="checkbox"/>	<input type="checkbox"/>
The robot place the cover plate box to the correct workspace Comment: _____	<input type="checkbox"/>	<input type="checkbox"/>
The robot correctly grasp the plates Comment: _____	<input type="checkbox"/>	<input type="checkbox"/>
The robot correctly sort the plates Comment: _____	<input type="checkbox"/>	<input type="checkbox"/>
The robot perform the drilling process for faulty plates Comment: _____	<input type="checkbox"/>	<input type="checkbox"/>

Penalized Behaviors

The robot bumps into obstacles in the test bed:	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
The robot drops a plate:	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
The robot misses a report:	
The robot stops working:	<input type="checkbox"/>

Disqualifying Behaviors

The robot damages or destroys the objects requested to manipulate:	<input type="checkbox"/>
The robot damages the test bed:	<input type="checkbox"/>

Benchmarking data delivered appropriately: ☐ yes / ☐ no

Team leader signature: _____

Referee signature: _____

TBM 3: Fill a Box with Parts for Manual Assembly

Team name: _____

Referee I: _____, Referee II: _____

Date and time: _____

Achievements

	part 1	part 2	part 3	part 4	part 5
The robot correctly grasp object:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

The robot place object in the container:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
--	--------------------------	--------------------------	--------------------------	--------------------------	--------------------------

Comment: _____

	yes	no
The robot correctly grasp the container	<input type="checkbox"/>	<input type="checkbox"/>

The robot correctly place the container (complete with all parts)	<input type="checkbox"/>	<input type="checkbox"/>
---	--------------------------	--------------------------

Comment: _____

Penalized Behaviors

The robot bumps into obstacles in the test bed: ☐ ☐ ☐ ☐ ☐

The robot drops an object: ☐ ☐ ☐ ☐ ☐

The robot stops working: ☐

Disqualifying Behaviors

The robot damages or destroys the objects requested to manipulate: ☐

The robot damages the test bed: ☐

Benchmarking data delivered appropriately: ☐ yes / ☐ no

Team leader signature: _____

Referee signature: _____