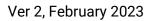
## **2023 ChemE Cube Competition The Duel Rubric**



	Cheme Cube <sup>TM</sup> Powered by RAPID°   ExxonMobil
יעע	Powered by RAPID® I ExxonMobil

Judge's Name:	
Team Affiliation:	

## <u>Duel 1</u>

Criteria	Outcome	Scoring		
Captures CO2 for 30 consecutive seconds.	Yes / No	0, 100		
2. Time before material used for capture becomes fully saturated.	Time (s) / 6	0 - 100		
3. Consumes the least amount of electricity in "The Duel"	Yes / No	0 / 20		
4. Weighs less than its competitor in "The Duel"	Yes / No	0 / 20		
5. Output temperature does not exceed 75F	Yes / No	0 / 20		
6. Output pressure does not exceed 1 psig	Yes / No	0 / 20		
7. Does it smell?	Yes / No	0 / 20		
SUB-TOTAL	/300			
Competitor:				
Comments:				

## Duel 2

Criteria	Outcome	Scoring
Captures CO2 for at least 30 consecutive seconds.	Yes / No	0, 100
2. Time before material used for capture becomes fully saturated.	Time (s) / 6	0 - 100
3. Consumes the least amount of electricity in "The Duel"	Yes / No	0 / 20
4. Weighs less than its competitor in "The Duel"	Yes / No	0 / 20
<ol> <li>Output temperature does not exceed</li> <li>75F</li> </ol>	Yes / No	0 / 20
6. Output pressure does not exceed 1 psig	Yes / No	0 / 20
7. Does it smell?	Yes / No	0 / 20
SUB-TOTAL	/300	
Competitor:		
Comments:		

_		
	TOTAL	/600