

**2018 Oregon Regional MATE ROV Competition
Scout Level Engineering Questions & Scoring Rubric**

Team # _____ Team Name _____ Judge _____

Question	Score
1. What role does each of you serve in your company?	
2. Tell us about the design process you used when creating your ROV.	
3. Explain how the various components of your ROV function and how you designed your ROV to accomplish his year's mission tasks.	
4. Describe the safety features of your ROV.	
5. What safety practices and protocols does your company utilize?	

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6. What challenges did you face in creating your ROV and how did you solve them?	
7. What skills did you develop individually and as a team throughout this process?	
Additional Comments:	
Total Engineering Score (Maximum of 28 points possible)	

Assessment	Criteria	Score
Needs Work	Effort made to address question but minimal information provided, or answer contains significant misinformation that demonstrates a lack of understanding.	1
Partially Meets Requirements	Response demonstrates basic understanding of key concepts by multiple team members.	2
Fully Meets Requirements	Response demonstrates thorough understanding of all concepts by team members.	3
Exceeds Requirements	All team members engaged, with responses demonstrating exceptional depth and breadth of understanding.	4