



# Construction Best Practices

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Micro Surfacing





# Best Practices – Micro Surfacing

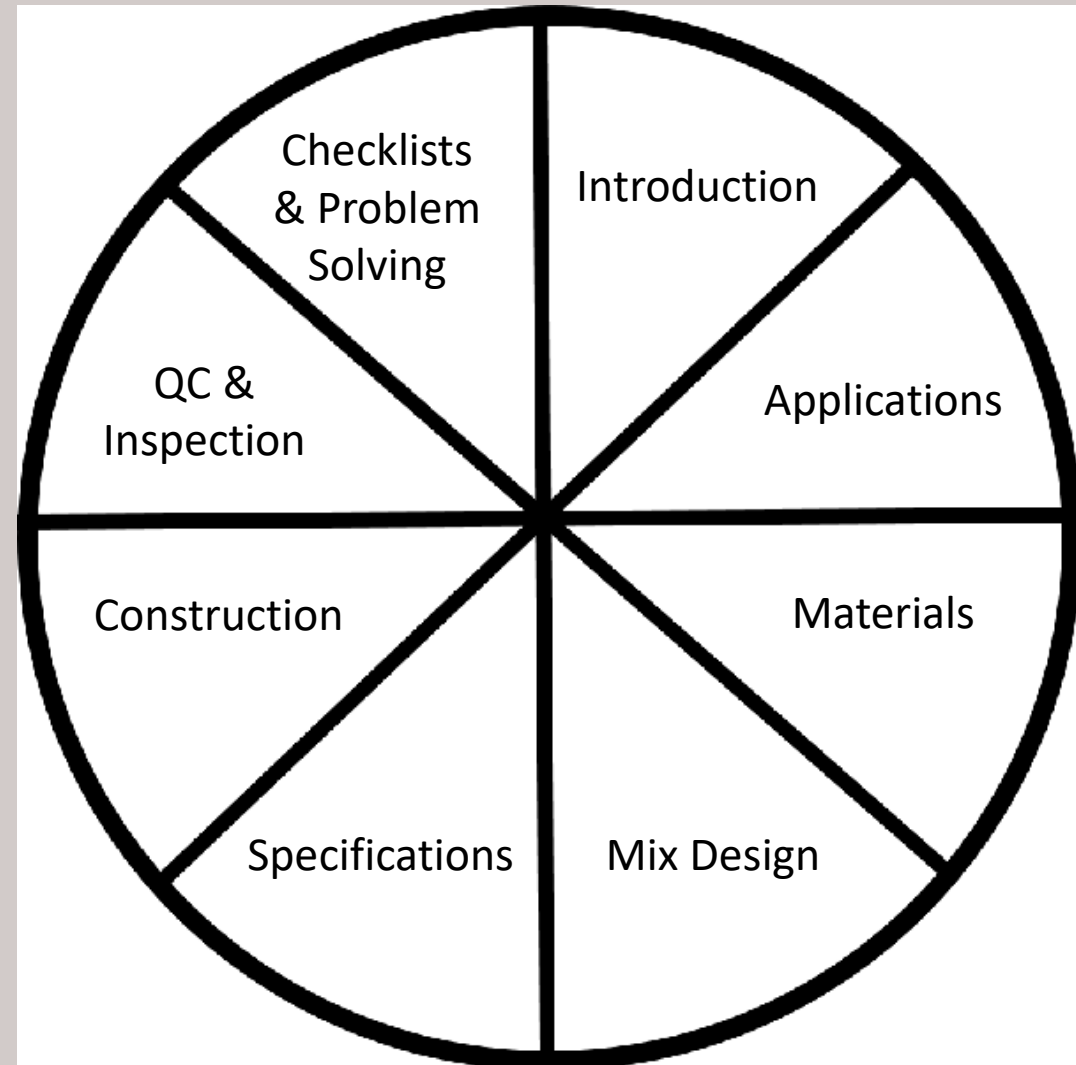
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- Being finalized as we speak
- Big thanks to Moulthrop, Hicks, Deep, Ishee, Eberly, Geib, Ingram, Harrawood, Milan, Betsold and ISSA for providing content





# Format





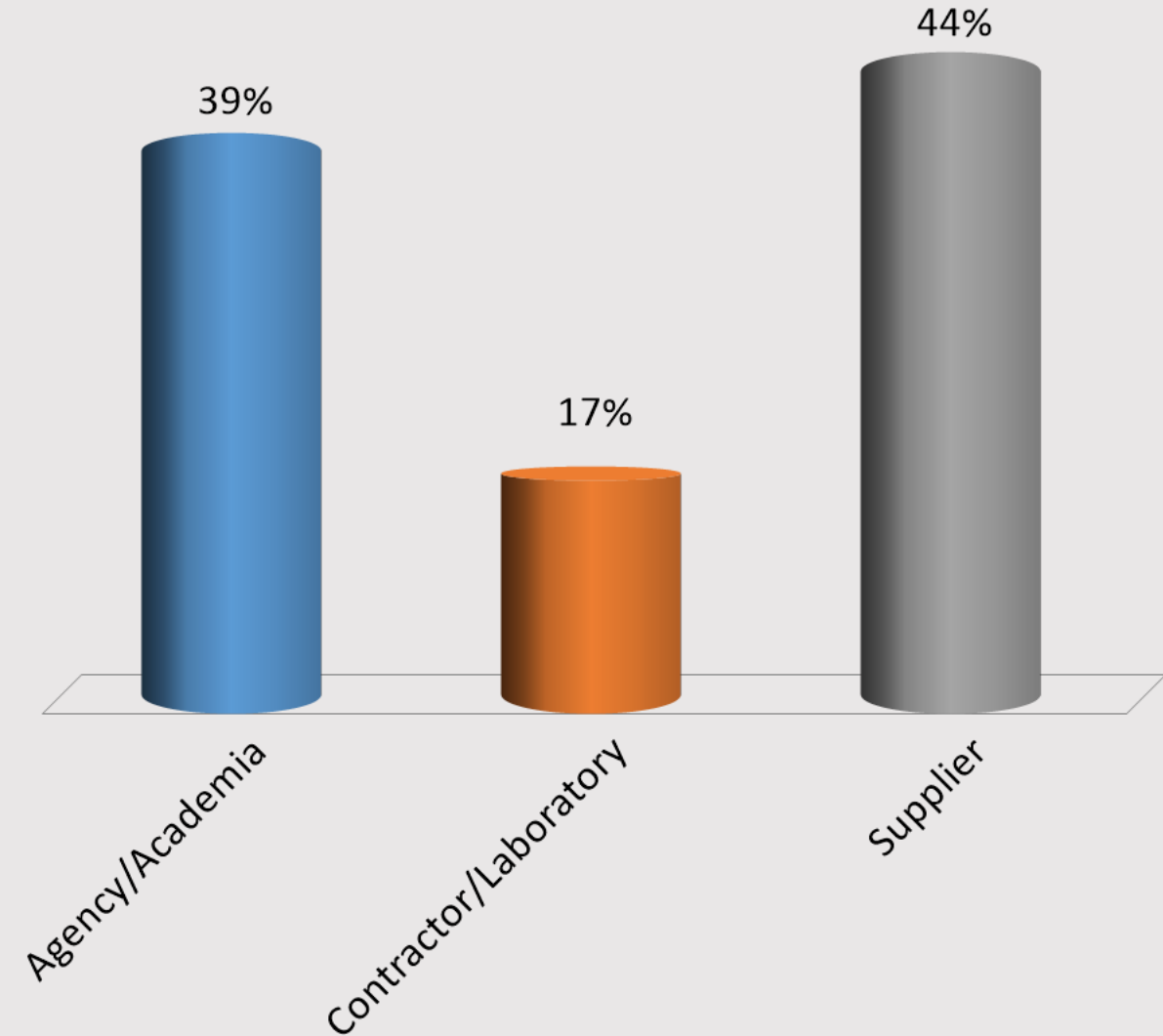
# “Practice makes Perfect”

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- 10 questions
- 1000 points per question (based on speed scoring)
- 3 Teams
- Prizes for winning team, MVP of winning team and overall high score.
- Remote or your phone: [www.ttpoll.com](http://www.ttpoll.com)
- Session ID: emulsion

# Pick Your Team

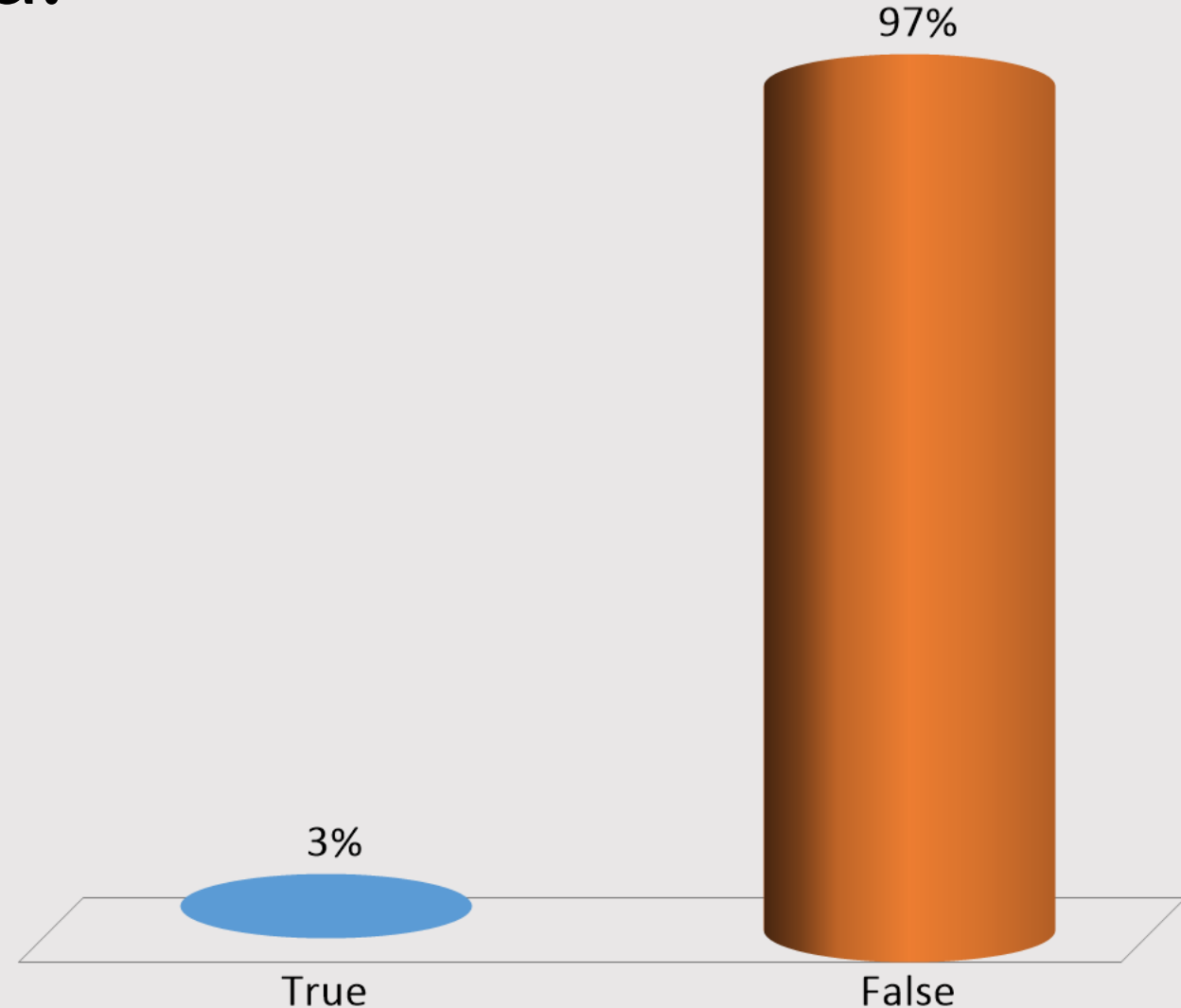
- A. Agency/Academia
- B. Contractor/Laboratory
- C. Supplier



It is okay if the water for the micro surfacing emulsion is sourced from a detention pond as long as it has been filtered.

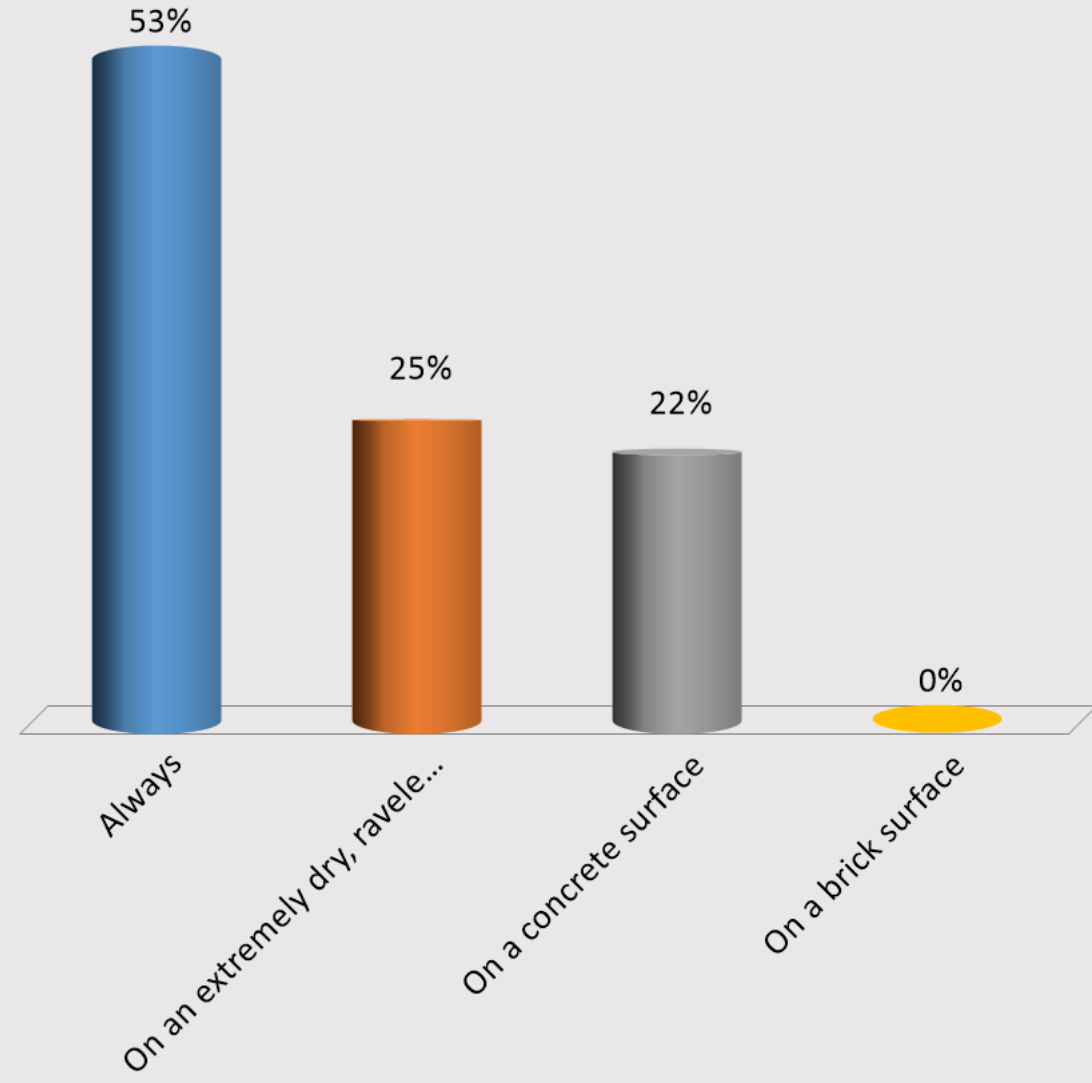
A. True

✓ B. False



# When should a tack coat be required?

- A. Always
- ✓ B. On an extremely dry, raveled, and oxidized surface
- ✓ C. On a concrete surface
- ✓ D. On a brick surface



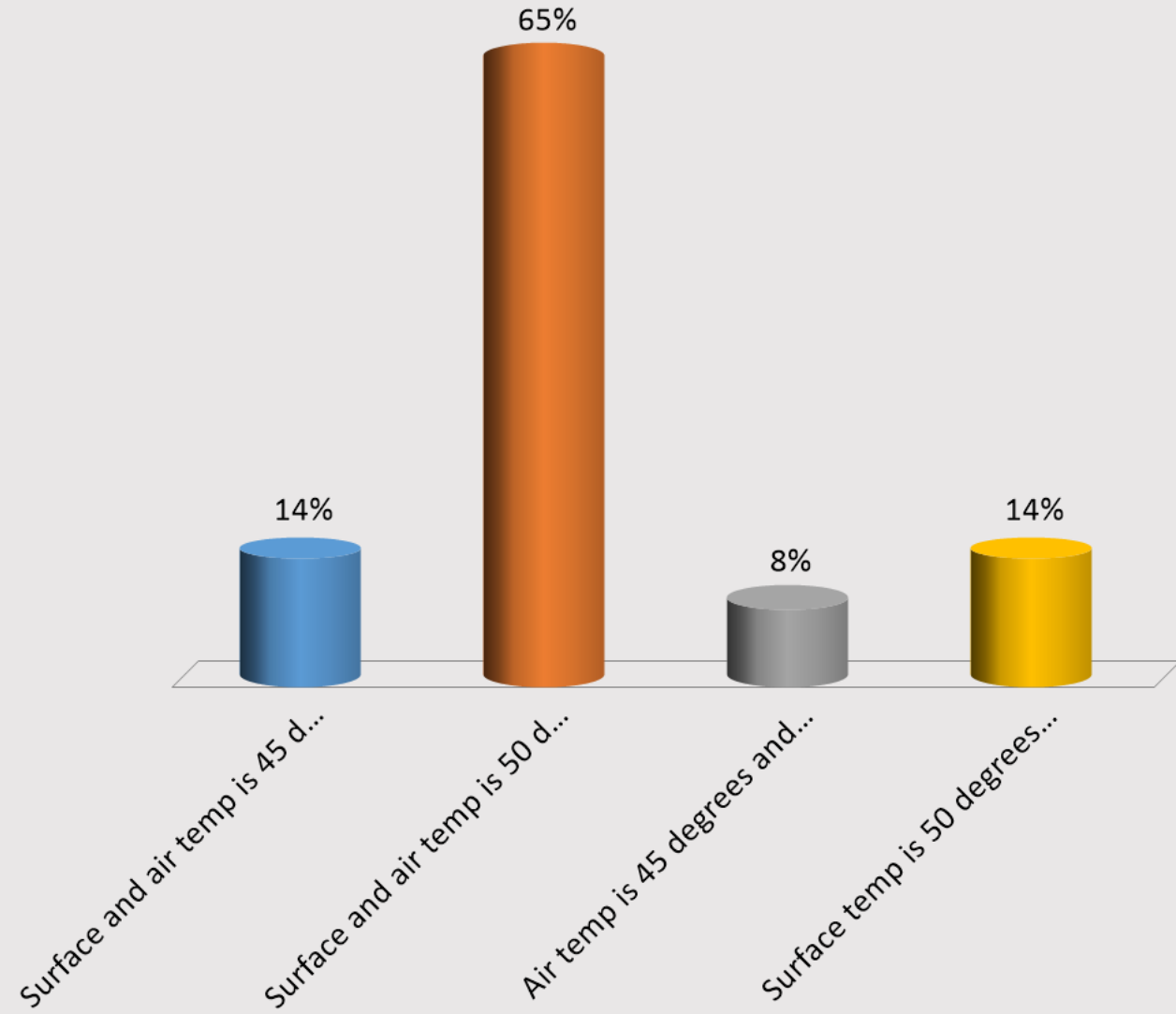
# Fastest Responders

<b>Seconds</b>	<b>Participant</b>	<b>Seconds</b>	<b>Participant</b>
<b>3.677</b>	<b>6B6C0B</b>	<b>13.174</b>	<b>6B6D05</b>
<b>5.387</b>	<b>6B6C2D</b>	<b>17.223</b>	<b>6B6C63</b>
<b>6.182</b>	<b>6B6BA9</b>	<b>22.156</b>	<b>6B6C9F</b>
<b>6.431</b>	<b>6B6C95</b>	<b>25.15</b>	<b>6B6C1A</b>
<b>6.463</b>	<b>6AD91B</b>	<b>26.09</b>	<b>6B6D06</b>
<b>6.931</b>	<b>6B6C81</b>	<b>34.022</b>	<b>6AD9E2</b>
<b>9.384</b>	<b>6ADA25</b>	<b>36.274</b>	<b>6B6C7F</b>
<b>9.742</b>	<b>6ADA1A</b>		
<b>9.838</b>	<b>6B6C6C</b>		
<b>11.528</b>	<b>6B6BF2</b>		



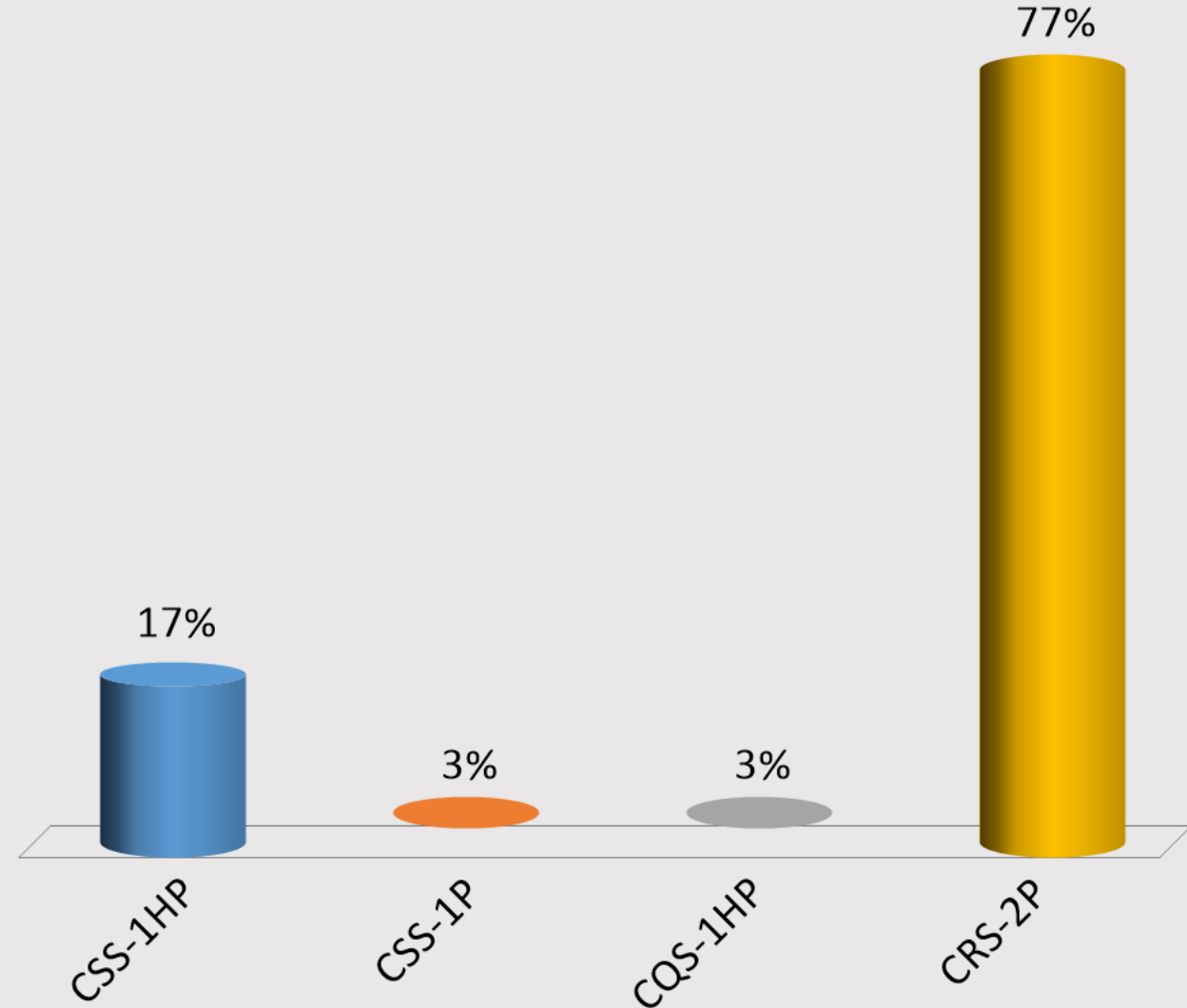
# What is the temperature requirement for placement of micro surfacing?

- ✓ A. Surface and air temp is 45 degrees and rising
- B. Surface and air temp is 50 degrees and rising
- C. Air temp is 45 degrees and rising
- D. Surface temp is 50 degrees and rising



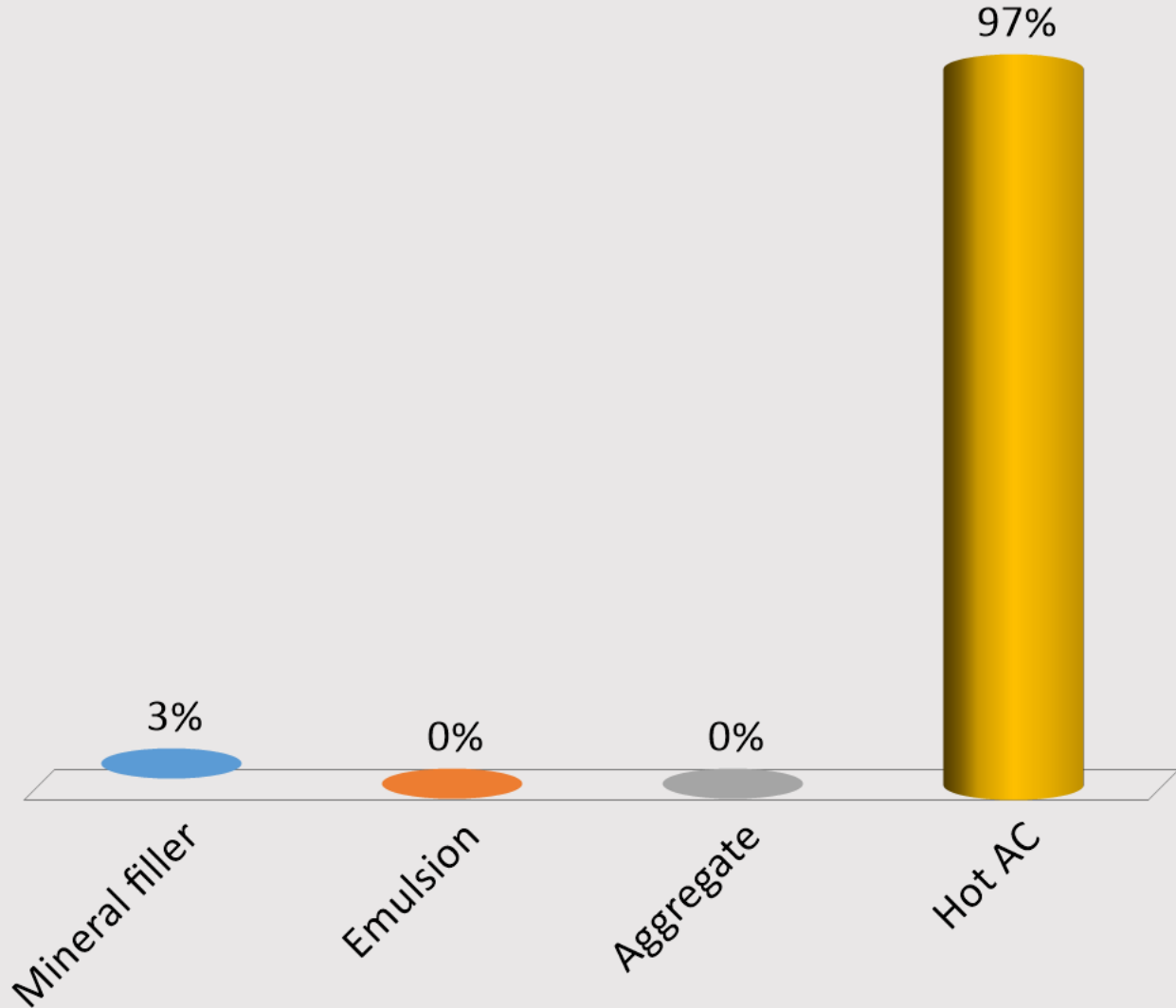
# Which is not a nomenclature for micro surfacing emulsion?

- A. CSS-1HP
- B. CSS-1P
- C. CQS-1HP
- ✓ D. CRS-2P



# Which material is not a part of a micro surfacing mixture?

- A. Mineral filler
- B. Emulsion
- C. Aggregate
- ✓ D. Hot AC



# Team Scores

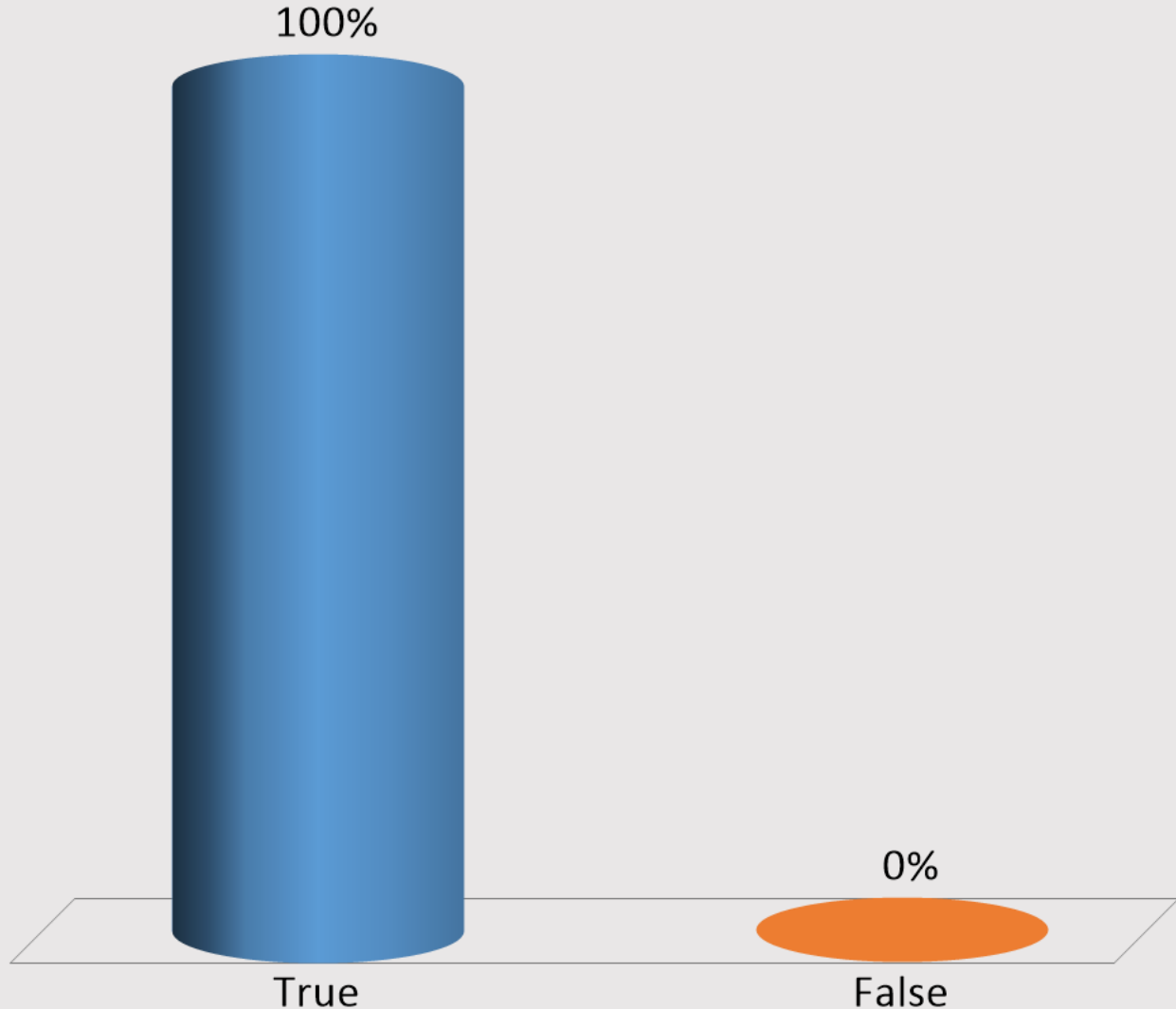
<b>Points</b>	<b>Team</b>	<b>Points</b>	<b>Team</b>
<b>2525.54</b>	<b>Contractor/Laboratory</b>		
<b>2515.13</b>	<b>Supplier</b>		
<b>2103.52</b>	<b>Agency/Academia</b>		

# Participant Leaders

<b>Points</b>	<b>Participant</b>	<b>Points</b>	<b>Participant</b>
<b>3323.66</b>	<b>6B6C95</b>	<b>2630.52</b>	<b>6ADA1A</b>
<b>3321.13</b>	<b>6ADA25</b>	<b>2563.53</b>	<b>6AD9E2</b>
<b>3278.33</b>	<b>6B6C0B</b>	<b>2508.62</b>	<b>6B6BFC</b>
<b>3250.61</b>	<b>6B6BA9</b>	<b>2428.75</b>	<b>6AD96D</b>
<b>3127.28</b>	<b>6B6C81</b>	<b>2428.56</b>	<b>6AD992</b>
<b>3113.04</b>	<b>6B6C2D</b>	<b>2404.23</b>	<b>6AD9B9</b>
<b>3028.22</b>	<b>6AD918</b>	<b>2353.05</b>	<b>6B6C7F</b>
<b>2985.56</b>	<b>6B6BF2</b>	<b>2268.72</b>	<b>6B6BFF</b>
<b>2857.72</b>	<b>6AD91B</b>	<b>2256.67</b>	<b>6B6D05</b>
<b>2856.37</b>	<b>6B6C63</b>	<b>2179.72</b>	<b>6B6C1A</b>

A mix design should be required to be submitted for every micro surfacing project.

- ✓ A. True
- B. False

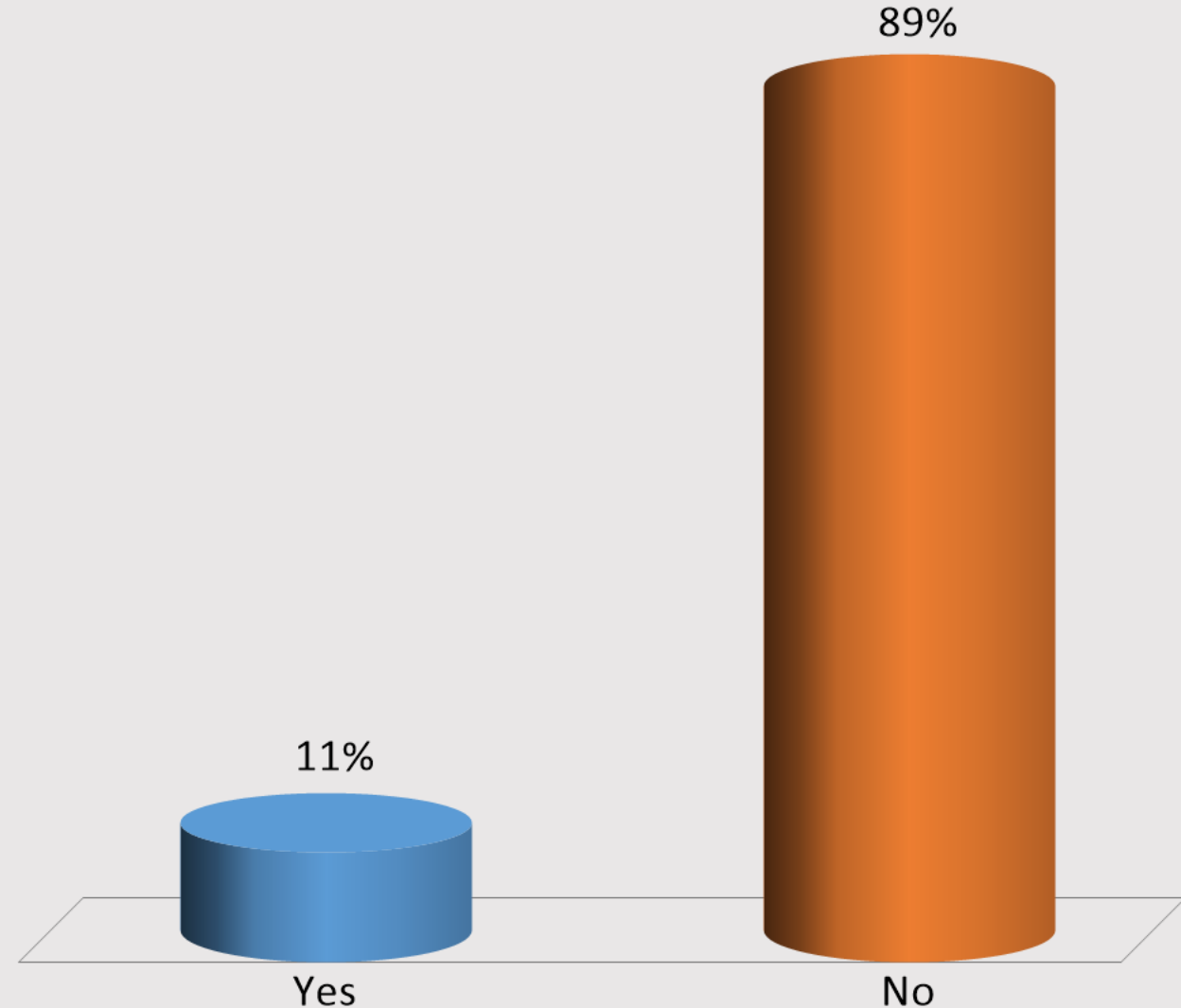




If a spreader box does not have an auger in it, is it okay to use to apply micro surfacing?

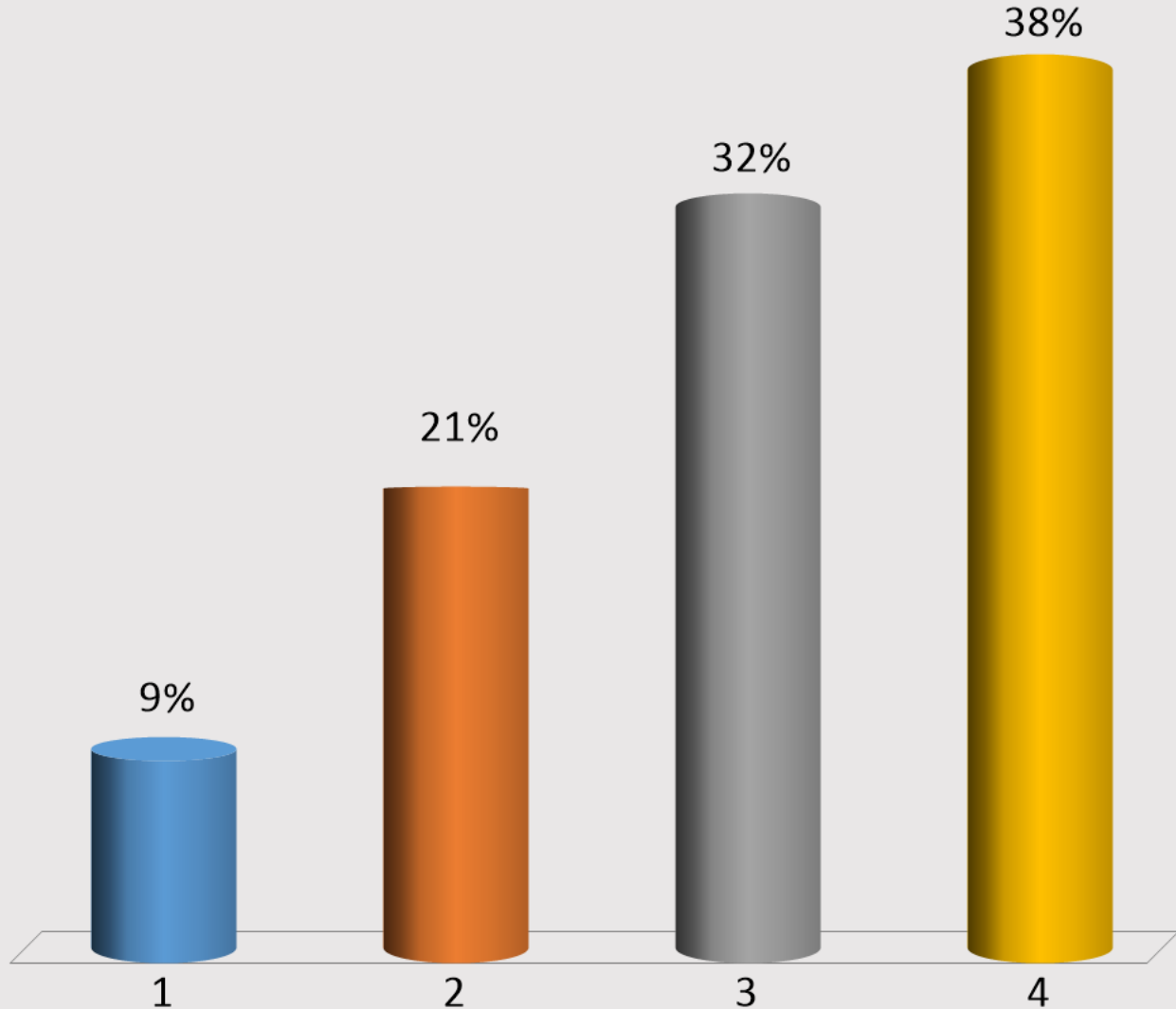
A. Yes

✓ B. No



# How many yield checks should be taken during the day?

- A. 1
- B. 2
- C. 3
- ✓ D. 4

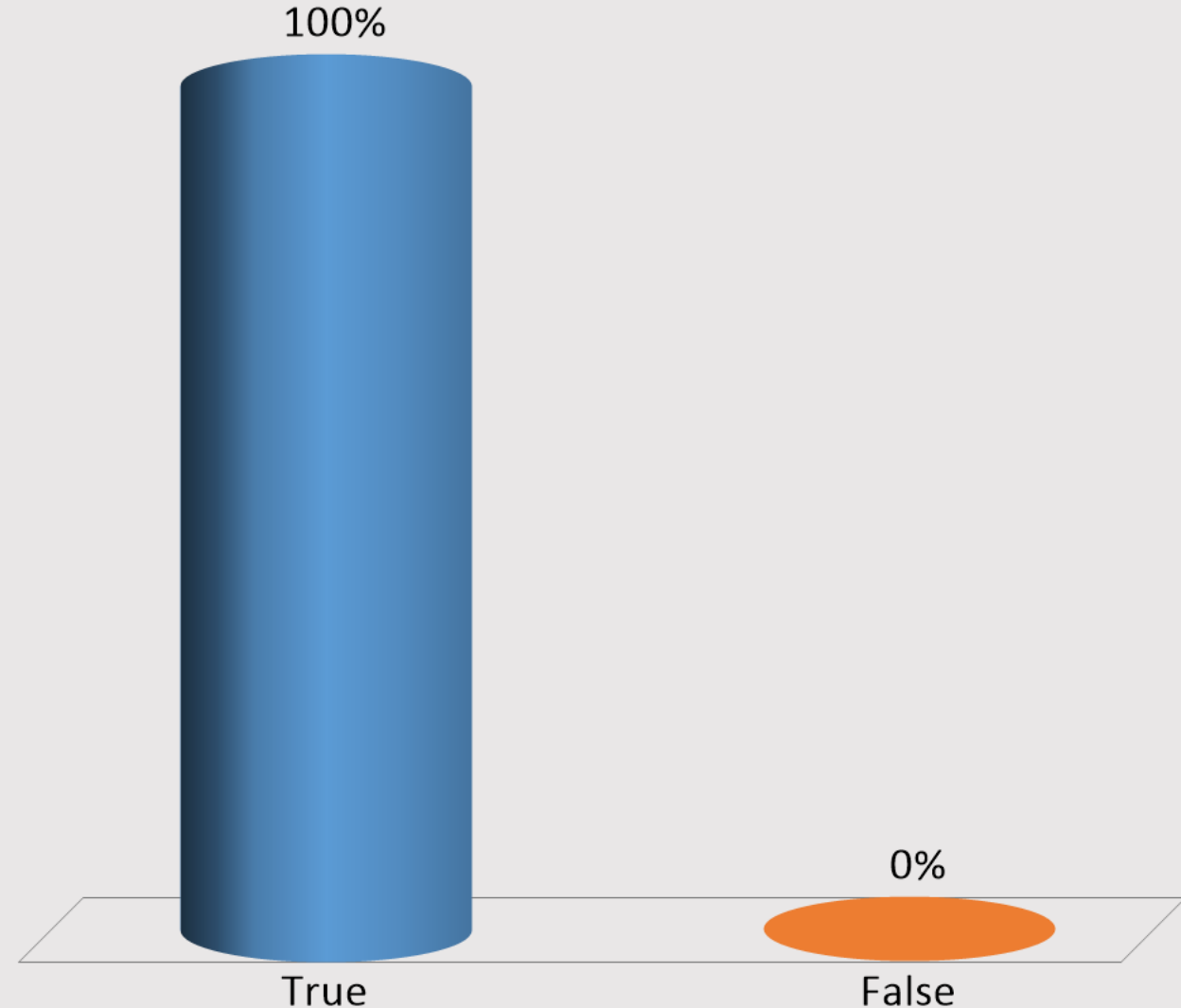


# Fastest Responders

<b>Seconds</b>	<b>Participant</b>	<b>Seconds</b>	<b>Participant</b>
<b>5.654</b>	<b>6B6C14</b>	<b>13.778</b>	<b>6B6C9F</b>
<b>6.169</b>	<b>6B6BFF</b>	<b>17.163</b>	<b>6AEE24</b>
<b>7.746</b>	<b>6B6C63</b>	<b>22.889</b>	<b>6AD8F9</b>
<b>8.152</b>	<b>6B6D11</b>		
<b>8.167</b>	<b>6AD8C1</b>		
<b>8.89</b>	<b>6B6D05</b>		
<b>9.029</b>	<b>6B6D10</b>		
<b>12.304</b>	<b>6B6C61</b>		
<b>13.07</b>	<b>6B6D06</b>		
<b>13.731</b>	<b>6AD992</b>		

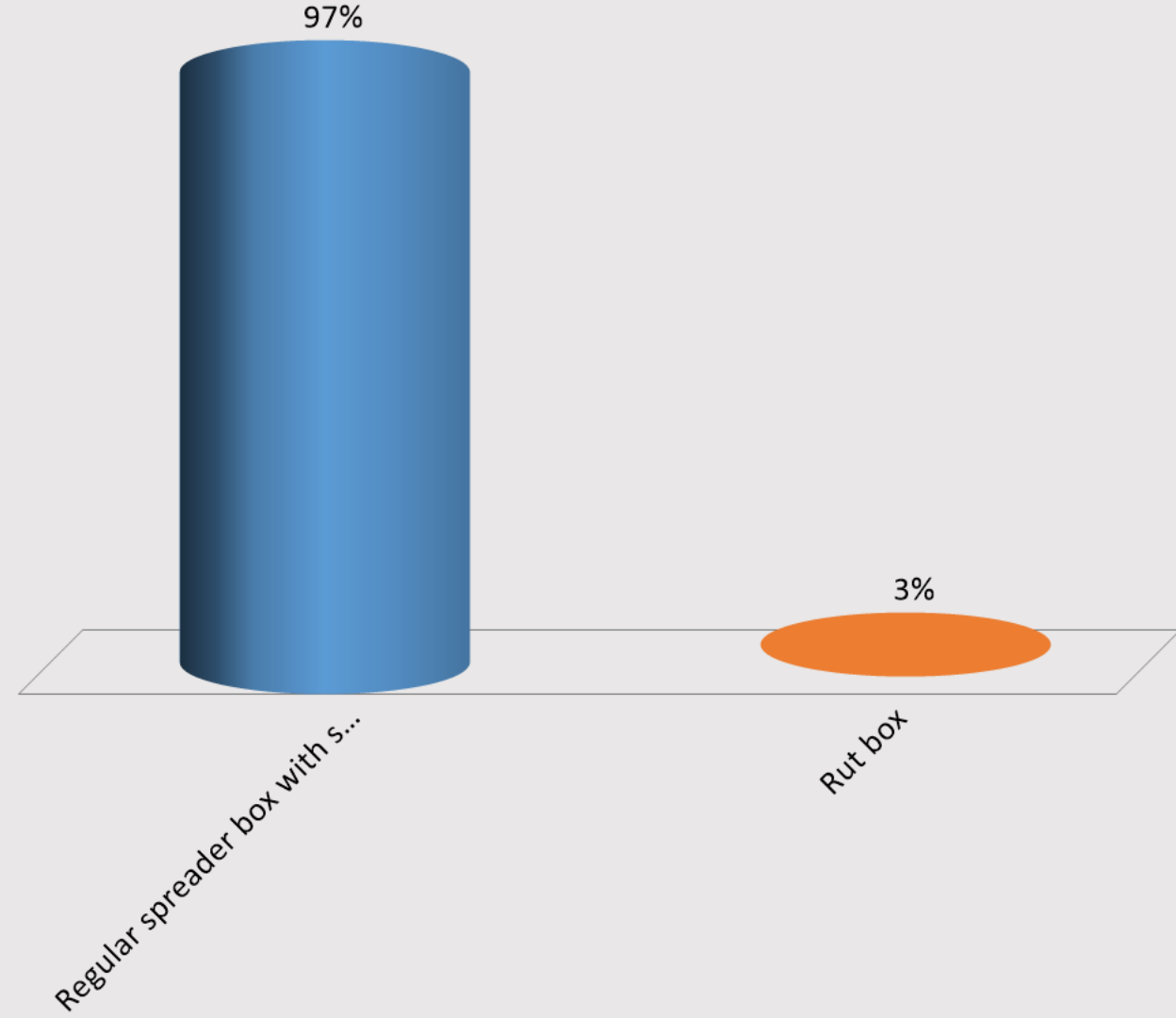
# It is important to perform calibration before every project start up.

- ✓ A. True
- B. False



# If a rut is less than 1/2" in depth, what type of spreader box is acceptable?

- ✓ A. Regular spreader box with steel strike off
- B. Rut box



# Participant Leaders

<b>Points</b>	<b>Participant</b>	<b>Points</b>	<b>Participant</b>
<b>7035.36</b>	<b>6B6C63</b>		
<b>6849.05</b>	<b>6B6C0B</b>		
<b>6671.31</b>	<b>6B6C2D</b>		
<b>6638.9</b>	<b>6B6C81</b>		
<b>6597.85</b>	<b>6ADA25</b>		



# Team Scores

<b>Points</b>	<b>Team</b>	<b>Points</b>	<b>Team</b>
<b>6047.86</b>	<b>Supplier</b>		
<b>5699.61</b>	<b>Contractor/Laboratory</b>		
<b>5336.5</b>	<b>Agency/Academia</b>		

# Team MVP

<b>Points</b>	<b>Team</b>	<b>Participant</b>
<b>7035.36</b>	<b>Supplier</b>	<b>6B6C63</b>
<b>6671.31</b>	<b>Contractor/Laboratory</b>	<b>6B6C2D</b>
<b>6638.9</b>	<b>Agency/Academia</b>	<b>6B6C81</b>

# Thank You!

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