

Typical Standards-related HW and Exam-related Questions- MEEN 3349

Question Title	Standards_1
Question	What might be an example of a manufacturing-related standard?
Answer	<input checked="" type="checkbox"/> Making sure that all red cars manufactured by a plant are the same specified shade of red. Making sure that all cars manufactured by a plant are a red color. Making sure that all red cars made by a plant have green trim. None of these.

Question Title	Standards_5
Question	What might be an example of a characterization-related standard?
Answer	<input checked="" type="checkbox"/> Making sure that all plain carbon 1040 steel with .4% carbon is actually fabricated and tested the same way. Making sure that all plain carbon 1060 steel with .4% carbon is actually fabricated and heat treated the same way. Making sure that all plain carbon 1080 steel with .4% carbon is actually cold rolled and heat treated the same way. Making sure that all plain carbon 1040 steel with .4% carbon is actually cold rolled and heat treated the same way.

Question Title	Standards - 2
Question	What is the best example of a needed standard, if an automobile manufacturer needs to buy steel from more than one manufacturer?
Answer	The steel purchased from each supplier needs to have the same color <input checked="" type="checkbox"/> The steel purchased from each supplier should be essentially the same alloy, same mechanical properties, and so on, based on a specification. The steel from each supplier would need to cost the same per pound. Each steel supplier can provide their own specifications.

Question Title	Standards - 3
Question	Which of these items need manufacturing standards? (Select all that apply)
Answer	<input checked="" type="checkbox"/> A truck tire <input checked="" type="checkbox"/> A cell phone <input checked="" type="checkbox"/> A pan to bake cupcakes in Cupcakes made by a child.

Question Title	Standards - Q4
Question	Which of these organizations do not have or deal with manufacturing standards?
Answer	<input checked="" type="checkbox"/> MAES NIST ASME ISO
Incorrect Feedback	MAES stands for Mexican-American Engineering Society, now includes all Latinos