



**ANSI Committee on Education**

***Standardization Case Studies***

**ACCOMPANYING QUESTION AND ANSWER WORKSHEET**

As appropriate, please suggest recommended study, test or quiz questions / answers to accompany the case study proposed above.

<b>Proposed Question</b>	Why is the issue of harmonizing standards important for consumers?
<b>Proposed Answer</b>	Manufacturers often produce products for the international market. Each country has its own regulators and regulatory requirements. Without cooperation, differences—from subtle to major—may exist for the same product. This can influence what products are available to consumers as well as whether a product performs to expectation.  Discuss other appliances and products like electronics where regulations are or are not harmonized.

<b>Proposed Question</b>	Why would government regulators make it mandatory to meet energy efficiency requirements?
<b>Proposed Answer</b>	Governments now participate in international agreements to curb environmental impact and to reduce our dependence on foreign oil. Reducing energy consumption will reduce green house gas emissions. It will also reduce dependence on fossil fuels in general.

<b>Proposed Question</b>	Relating to CSA-C360, what calculations were performed to measure energy consumption and water consumption?
<b>Proposed Answer</b>	CSA-C360 establishes an energy factor which describes the volume of load that can be washed per unit of energy used. This factor is expressed in L/kWh/cycle.

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Please return completed Project Worksheet to [training@ansi.org](mailto:training@ansi.org).  
 Questions can be directed to [Lisa Rajchel](mailto:Lisa.Rajchel@ansi.org) (212.642.4932) or [Stacy Leistner](mailto:Stacy.Leistner@ansi.org) (212.642.4931)

<b>Proposed Question</b>	How does energy efficiency and performance relate when considering washing machines?
<b>Proposed Answer</b>	Performance involves many issues beyond operating correctly and cleaning clothes. Customers seek appliances that will cost less to operate, which involves using less expensive energy and water. Many customers are also aware of the 'carbon footprint' concept and wish to reduce their personal impact on the environment.

<b>Proposed Question</b>	Discuss other areas where upgrading standards can result in energy, water, and other environmental improvements. Which would require harmonizing standards across different countries?
<b>Proposed Answer</b>	Most appliances and electronics products must perform the same in different countries. For example, discuss refrigerators, stoves, and dishwashers. Other items such as lamps, vacuum cleaners, and electronics including televisions, stereos, computers, etc.