

## **ACTION PLAN LESSON FOUR**

### **COST ESTIMATE ACTIVITY**

Select an asset in active use in your organization with components suited for either **Vibration Analysis** or **Motor Circuit Analysis**, and find out if one of the PdM technologies is already being used. Then complete either A or B below.

A. If the technology is not being used regularly for the asset:

1. Review the history of the asset or component - identify a time when using a predictive technology would have been beneficial to maintaining the equipment.
2. Based on the equipment history, prepare a basic cost-benefit analysis for implementing the technology in your organization to determine when/if the costs for tools, accessories, labor, and training would be offset by all costs for repair or replacement (parts, downtime, labor). What would you recommend?

B. If the PdM technology is already in use for the asset:

1. Review the history of the equipment - identify a time when using the technology and monitoring the results triggered PM or PdM action by the organization.
2. What practices are in place that make monitoring with the technology beneficial to your asset management program?
3. What internal practices could be improved or added so the technology adds even more value?