

Karl Dalton - SKF

# SKF Training Portfolio

#aemt2015



AEMT CONFERENCE 2015

# SKF Training Portfolio

## Introduction to AEMT

Karl Dalton

Business Development Manager

Services

# Service concept

## Background:

In the current business environment, companies who really stand out are the ones that invest time and money in upgrading the skills of their employees and helping them maximise their potential. The same companies, who continually create opportunities for their employees to learn, will in time reap the rewards of their investment and stay ahead of their competition.

# Customer values

- Eliminates re-work and machinery problems to increase reliability and productivity
- Enhances plant safety
- Increases employee productivity by teaching them advanced techniques to complete everyday tasks more efficiently
- Reduces the need for employee supervision
- Reduces turnover, as employees are less likely to leave if they keep learning new skills and keep up within their industry
- Aids in the recruiting process by making the company more attractive in the eyes of potential employees

# Execution overview

The blended learning approach of delivering:

- E-Learning course
- SKF Classroom course
- SKF Practical demonstrations
- Onsite at Customer facilities



# Why – Because Poor fitting

is the reason for

**16%**

of premature  
bearing failures



# Why – because Poor lubrication

is the reason for

**34%**

of premature  
bearing failures



# Induced Fatigue

is the reason for

**34%**

of premature  
bearing failures





# Technical support

**SKF**

Products	Industries	Services	Library	About SKF
News & Events	Investors	Sustainability	Career	Group Sites

[SKF.com / Products /](#)

## Maintenance products

### Bearing maintenance tools

The SKF range of maintenance products has been carefully selected to help achieve maximum bearing service life. For more than 30 years, our main priority has been to provide our customers with solutions to achieve maximum bearing life and consequently optimized machine performance. Of course, safety of machines and operators is of paramount importance and all our products help contribute to this goal.

SKF's range of maintenance products includes pullers, fitting tools, heaters, instruments, lubricants, lubricators and oil injection equipment. Please visit the [online catalogue](#) for product descriptions and technical details.

In the menu on the left you will find links to useful information such as [frequently asked questions](#), [on-line](#) and [downloadable](#) calculation software, [product demonstration videos](#), and both commercial - and technical [literature](#).



- LubeSelect for SKF Greases
- [SKF.com/mount](#)
- Maintenance Handbook

## SKF Shaft Alignment Solutions



**SKF**

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Slide 9

Electronic catalogue in different languages:  
[www.mapro.skf.com](http://www.mapro.skf.com)

Full on-line mounting and dismounting instructions. (FREE)



**SKF**

# Training Needs Analysis

# Training

www.skf.com/uk/knowledge-centre

The screenshot shows the SKF Knowledge Centre website for the United Kingdom. At the top, there is a navigation bar with the SKF logo, 'United Kingdom', and a 'Change Location' dropdown. To the right are 'My SKF - Login' and 'Contact' buttons. Below this is a search bar with the text 'Search this site' and a 'Search' button. A main navigation menu includes links for 'PRODUCTS', 'SERVICES', 'INDUSTRY SOLUTIONS', 'KNOWLEDGE CENTRE', 'NEWS AND MEDIA', 'CAREER', and 'OUR COMPANY'. The 'KNOWLEDGE CENTRE' link is highlighted.

Below the navigation, the breadcrumb 'United Kingdom > Knowledge Centre' is shown. On the left is a sidebar menu for the 'Knowledge Centre' with the following items: Media Library, SKF Mobile Apps, Engineering tools, E-learning, Technical articles and books, Rich media, Conferences, Forum and Blog, and Subscriptions.

The main content area features a large image of a lighthouse at night. Below the image is the heading 'Knowledge Centre' and a sub-heading 'A rich resource for optimized machine performance and reliability'. The text below states: 'Formerly called SKF @ptitude Exchange, the Knowledge Centre has been expanded in scope, now bringing together in one place a wide array of resources to support the goals of our customers, both OEMs and end users. If you are involved with rotating equipment, you are likely to find helpful information here.' A second paragraph follows: 'Over the past century, SKF has developed a unique understanding of how machine components and industrial processes are interrelated. This knowledge is shared to help customers achieve their goals – whether to become more profitable, productive and/or sustainable. This is what SKF calls the power of knowledge engineering.'

On the right side, there are three utility boxes: 'Contact us for more information' with a dropdown arrow and a small profile picture; 'Find events' with three dropdown menus for 'Select location', 'Select category', and 'Select industry', and 'Reset' and 'Show results' buttons; and 'Find SKF news' with three dropdown menus for 'Select category', 'Select news topic', and 'Select industry'.

# Identify where best to focus your training

The SKF CNA for training is conducted individually or as a group from any of the following work / skills areas:

- Maintenance
- Reliability
- Engineering
- Planning

The program targets eight areas of knowledge for evaluation over a total of 64 questions (8 per subject)

- Bearing and seal technology
- Power transmission
- Lubrication
- Oil analysis
- Vibration analysis
- RCA/RCFA
- Thermography
- Maintenance strategy

Competency and skill analysis

