



FOUNDED 1900

## The Forming of Multi Curved Panels A Talk and Demonstration by Mr Andy Kissack

Date: Wednesday 13th November 2013  
Start time: 7.30 p.m.  
Location: Haworth (see address details overleaf)

Dear members and guests,

The Keighley Association of Engineers is pleased to announce its next event in the 2013/14 syllabus, a combined talk and practical demonstration by Mr Andy Kissack on the forming of multi curved panels used in automotive bodywork etc.

The use of "wheeling" will be demonstrated with participants invited to try their hand. The aim is to learn more of the relevant techniques used in traditional body panel making and repair.

This is a rare opportunity to experience a traditional specialist engineering activity for which there is still a significant demand.

**Expect a highly interesting, informative and entertaining evening in Andy's company whilst learning more about this specialist manufacturing function.**



*A Wheeling machine, is a metalworking tool that enables a craftsman to form compound (double curvature) curves from flat sheets of metal such as aluminium or steel. The process of using an English wheel is known as Wheeling. Panels produced this way are expensive, due to the highly skilled and labour intensive production method, but it has the key advantage that it can flexibly produce different panels using the same machine. It is a forming machine that works by surface stretching and is related in action to panel beating processes. It is used wherever low volumes of compound curved panels are required; typically in coach building, car restoration etc.*



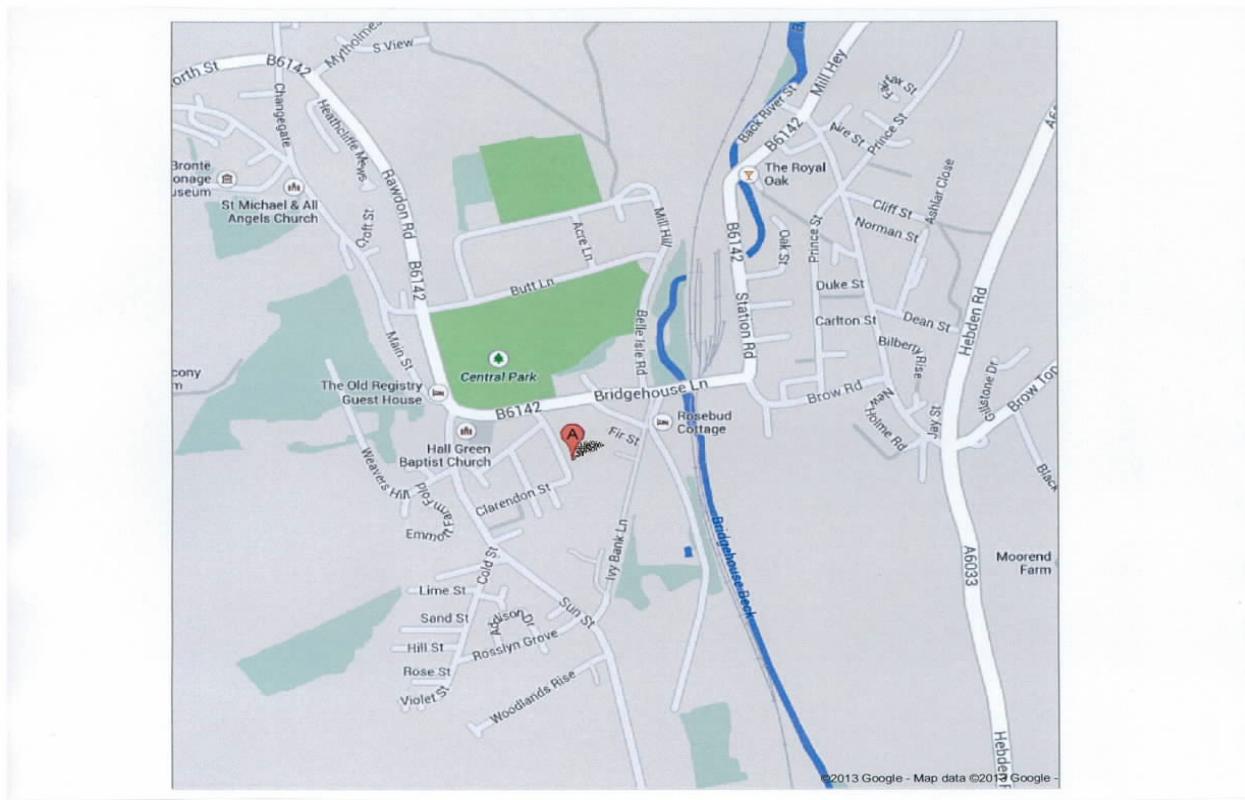
## Address details:

2 Ashfield Terrace

Located on the corner of Ashfield Terrace and Prospect Street,  
Haworth.

(Domestic Bungalow with a large double garage)

## Location map:



Check out the Keighley Association of Engineers website for details of future events.

We have updated our website and shortened the address to [www.kaoe.org.uk](http://www.kaoe.org.uk) please visit the site to see the new look – you will see that we have added Face Book and Twitter links – hope some of you will use these.

One of the improvements to the site is much easier editing facilities. If you have any photographs of recent events which are of compact form and can be emailed to me please do that and I will make sure they go on the new site.

Contributions to forthcoming site visits and lecture opportunities may be posted on the website. We look forward to your feedback.