



DCCI

Compressed Air Leakage Project.

Tim Linford ~ TJL Associates

Trevor Muddimer ~ RDA Consultancy

What

- **Free survey** of compressed air systems on your site – looking for leaks.
- **Free training**
in the use of an ultrasonic leak detector.
- After you have repaired leaks,
Free loan of a leak detector.

Why

- Compressed air is one of the most expensive forms of energy ~ £1/kWh
 - A good compressed air system leaks ~5%
 - Typical system leaks ~10%
 - Losses of ~30% - not unusual
- Leaks are generally easy to fix

Where

- Surveys must be within Dorset
- Limited number of surveys available in Poole and Bournemouth

When

- Four year project
- Starting now
- May extend the project depending on demand and funding

How

- An energy expert will visit your site – FREE OF CHARGE
- Help you identify and quantify leaks in your system using an ultrasonic leak detector
- Provide training for you to use a detector
- Allow you to borrow a leak detector to carry out your own follow up survey

Site visit

- Carry out accompanied walk around your site identifying leaks with detector and tagging.
- Provide simple hands on training during walk round
- We generate a simple report summarising and quantifying leaks

Who

- Project funded by:



Dorset County Council

- Project managed by:

DCCI – Shirley Ewart

- Site visits carried out by independent Energy consultants:


- Tim Linford ~ TJL Associates

- Trevor Muddimer ~ RDA Consultancy



What next

- Fill in the survey request form – available from DCCI or me and return to Shirley DCCI
- Or contact shirley.ewart@dcci.co



COMPRESSED AIR SURVEYS

TO BE COMPLETED BY COMPANIES WISHING TO TAKE UP A FREE COMPRESSED AIR SURVEY

Please complete the questions below and return the form to Shirley Ewart at Dorset Chamber of Commerce & Industry. Any information supplied will remain confidential between Dorset Chamber and Consultants undertaking the Surveys.

Date Type of Industry/Sector

Company Contact Name

Address Position

Address E-mail

Postcode Mobile No

Tel No

1. Air Consumption (m³)
[Note per minute, hour, month, year]. If Consumption not known please complete Section 2

2. Total kW Installed *
[Total accumulated compressors installed] * When kW option is used, the calculation assumes 70% utilisation of total installed capacity

3. Cost per kWh of Electricity
If not known please forward a copy of your last Electricity bill.

4. Production Area (m²)
[Area where compressed air is used]

SURVEY DATE

You will be contacted by Tim Linford, TIL Associates or Trevor Muddimer, Workplace Sense who will be carrying out the free Surveys on behalf of Dorset Chamber of Commerce & Industry. Subject to survey availability they will liaise with you to organise a convenient time and date to visit your company.

Any other comments _____

Signature _____ Print Name _____ Date _____

PLEASE FAX THIS FORM BACK TO SHIRLEY EWART, DCCI ON 01202 747862 OR E-MAIL SHIRLEY.EWART@DCCI.CO.UK

What next

- You will be contacted by a Consultant
- Arrange date and time for a site visit
- Time on site 1-2 hours average

After leak repairs

- Contact DCCI to borrow ultrasonic leak detector to carry out your own follow up survey:
 - To check that leaks have been fixed
 - To check location of any new leaks

Additional project

- DCC has also sponsored a Thermal Imaging project aimed at identifying poor insulation.
- Managed by Dorset Energy Advice Centre:
0800 975 0166



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