



Group Report



Round 16
November 2022

LOW ASBESTOS CONTENT SCHEME

Round 16 Sample Details

BACKGROUND

This report covers Round 16 of the Low Asbestos Content Scheme (LACS). LACS is currently a qualitative only PT scheme.

Round 16 was open to laboratories worldwide. Laboratory participation was as follows: 5 UK, 110 Europe & 13 Rest of the World.

128 laboratories subscribed to this round with 122 submitting results.

SAMPLES

One sample was circulated as follows: Sample LACS016 – This sample was chalk containing UICC chrysotile.

SCREENING & VALIDATOR INFORMATION

The sample was prepared for circulation following our normal internal screening process of samples with representative sub-samples scanned using stereo-zoom and polarised light microscopy and transmission electron microscopy to assess homogeneity and suitability. Approximately 10% of the total number of samples despatched were validated by 9 independent laboratories.

INFORMATION SUBMITTED BY LABORATORIES

Laboratories used the PT Online Data Entry System to submit their results for this round. Results were submitted as asbestos type(s) present.

LACS RESULTS

Sample LACS016

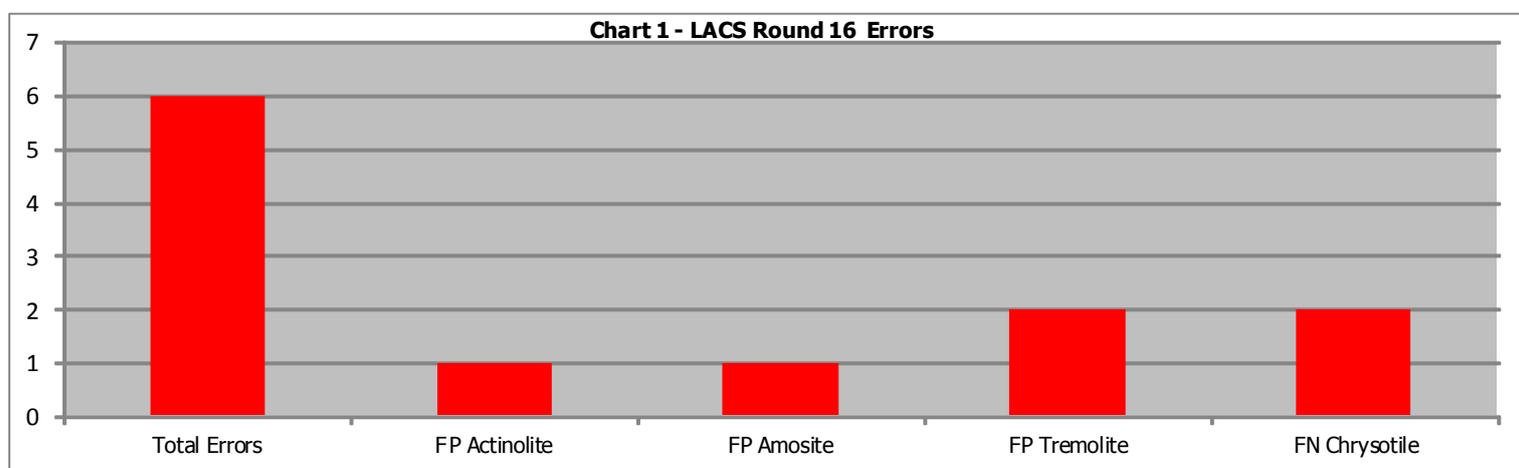
Of the 122 laboratories submitting results for R16:

- One hundred and seventeen laboratories correctly reported chrysotile
- One laboratory reported amosite, tremolite and chrysotile
- One laboratory reported chrysotile and actinolite
- One laboratory reported chrysotile and tremolite
- Two laboratories reported no asbestos

These results are presented graphically in Charts 1 and 2.

1. Type Of Errors Obtained

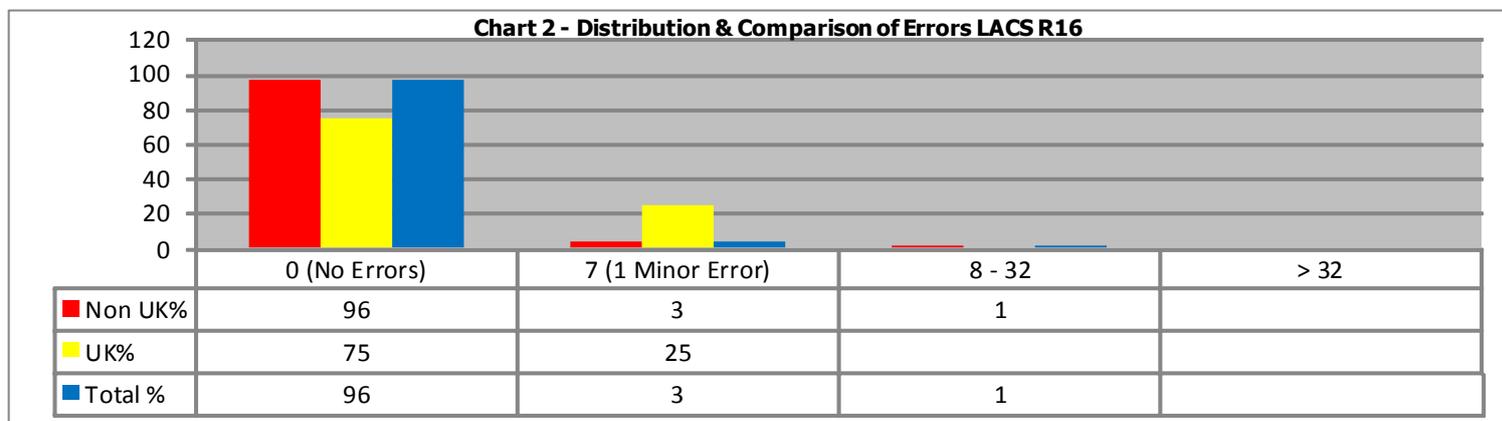
Chart 1 illustrates the errors made by participating laboratories. Six errors were made by laboratories on sample LACS016. One falsely reported amosite & tremolite, one falsely reported chrysotile and actinolite, one falsely reported chrysotile and tremolite and two reported no asbestos.



False Negative = Component has been missed. False Positive = Component has been incorrectly identified as present.

2. Errors for UK & Non-UK Laboratories

Chart 2 illustrates the distribution of scores for all participating laboratories. 117 (96%) laboratories obtained a score of zero in this round, indicating that these laboratories had not made any errors. The distribution of scores obtained by UK (United Kingdom) and Non-UK laboratories is also compared; 3 (75%) UK laboratories and 114 (96%) Non-UK laboratories obtained a score of zero for the round.





Quantitative Results

For 2022/23, HSE are not providing quantitative samples for the Low Asbestos Content Scheme (LACS).

Additional Information

