



Group Report



Round 15
June 2022

LOW ASBESTOS CONTENT SCHEME

Round 15 Sample Details

BACKGROUND

This report covers Round 15 of the Low Asbestos Content Scheme (LACS). LACS is currently a qualitative only PT scheme.

Round 15 was open to laboratories worldwide. Laboratory participation was as follows: 5 UK, 112 Rest of Europe & 2 Rest of the World.

124 laboratories subscribed to this round with 119 submitting results.

SAMPLES

One sample was circulated as follows: Sample LACS015 – This sample was grout containing UICC crocidolite.

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 LACS015

Of the 119 laboratories submitting results for R15:

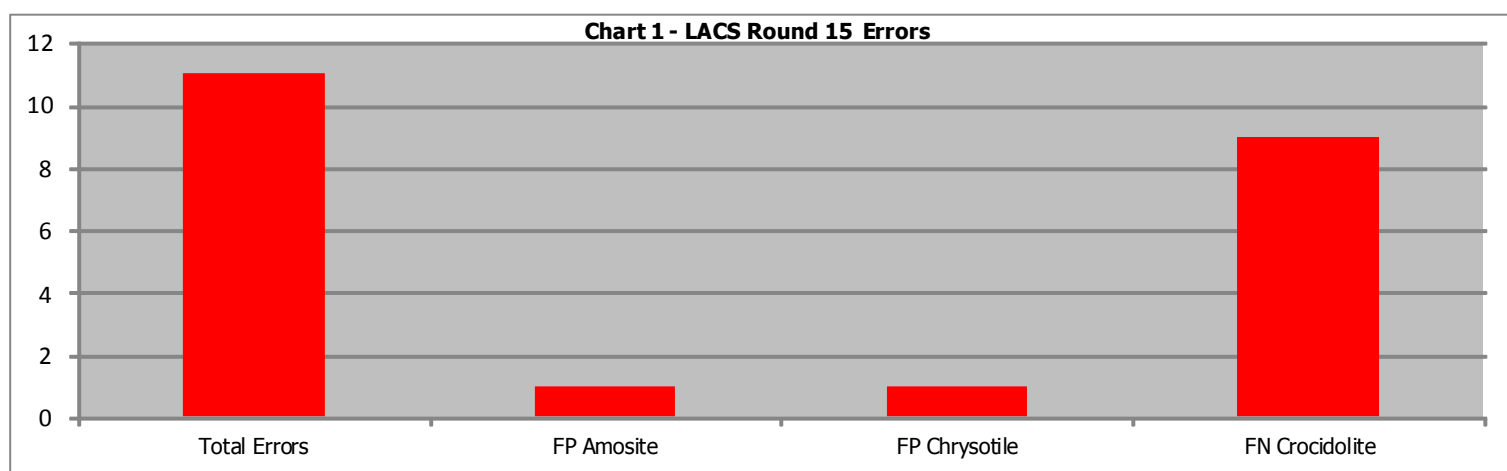
- One hundred and eight laboratories correctly reported crocidolite only
- One lab reported crocidolite and chrysotile
- One lab reported crocidolite and amosite
- Nine labs reported no asbestos

These results are presented graphically in Charts 1 and 2.



1. Type Of Errors Obtained

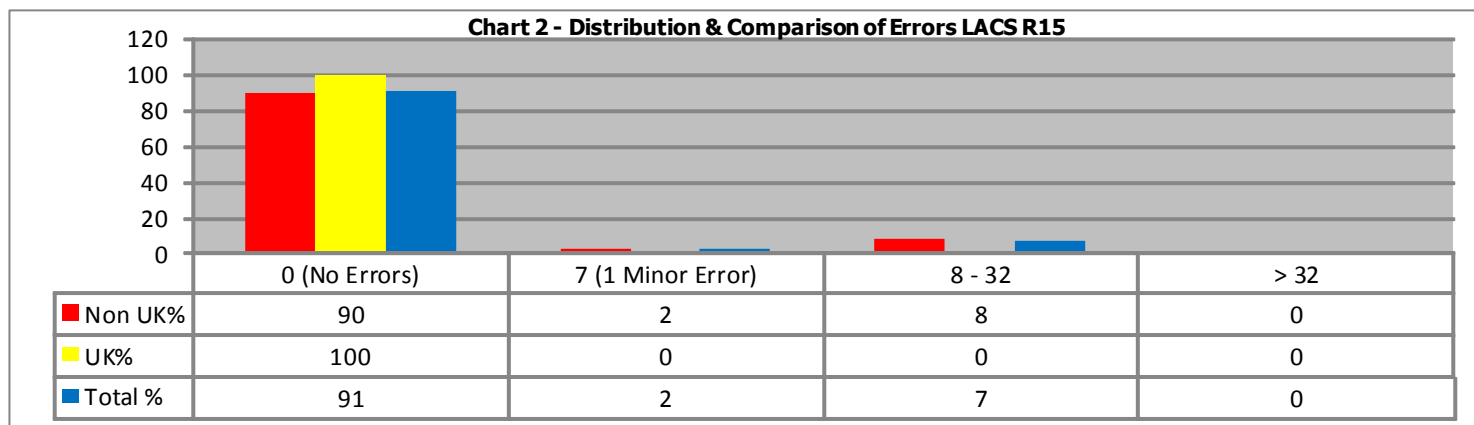
Chart 1 illustrates the errors made by participating laboratories. Eleven errors were made by laboratories on sample LACS015. One reported amosite & crocidolite, one reported chrysotile and crocidolite and nine reported no asbestos.



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. 108 (91%) 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; 5 (100%) UK laboratories and 103 (90%) 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

