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ROUND 25 SAMPLE DETAILS

BACKGROUND

This report covers Round 25 of the Low Asbestos Content Scheme (LACS). LACS is currently a qualitative only PT scheme. Round 25 was open to laboratories worldwide. Laboratory participation was as follows: 5 UK and 125 Rest of Europe. 130 laboratories subscribed to this round - 4 laboratories didn't submit results

SAMPLE

One sample was circulated as follows: Sample LACS025 – This sample was plaster containing UICC amosite. The sample was made as a batch using 0.04% UICC amosite by mass of the whole batch sample.

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. More than 10% of the total number of samples dispatched were validated by 11 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 LACS025

Of the 126 laboratories submitting results for R25:

126 laboratories correctly reported amosite.

These results are presented graphically in Charts 1 and 2.

1. Type Of Errors Obtained

Chart 1 illustrates the errors made by participating laboratories. No errors were made by laboratories on sample LACS025.

Chart 1 - LACS Round 25 Errors



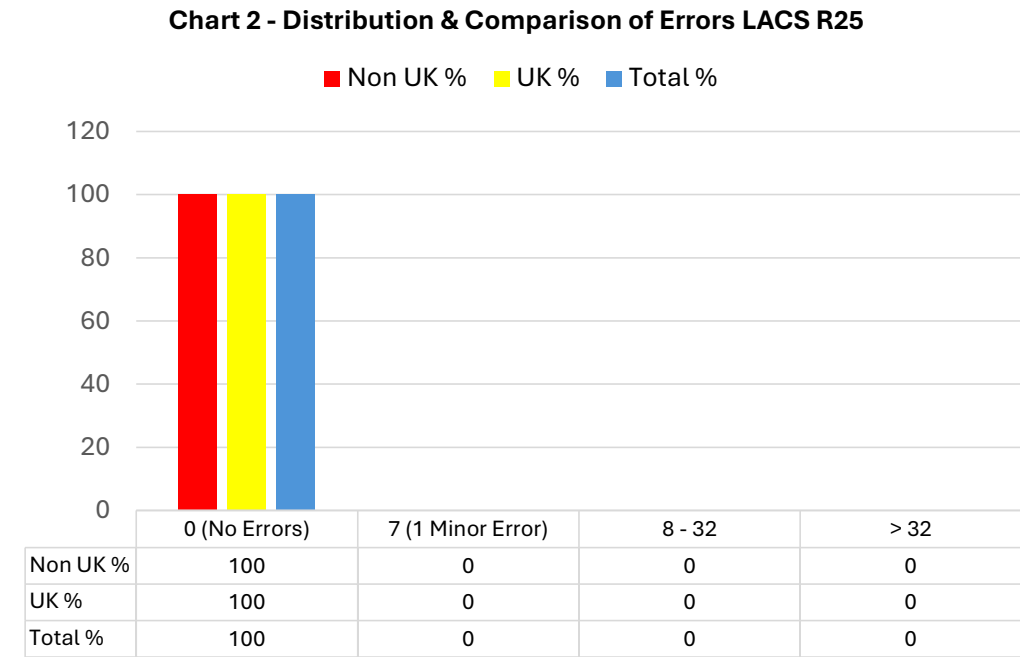
False Negative = Component has been missed. False Positive = Component has been incorrectly identified as present.



2. Errors for UK & Non-UK Laboratories

Chart 2 illustrates the distribution of scores for all participating laboratories.

126 (100%) 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 121 (100%) Non-UK laboratories obtained a score of zero for the round.



Quantitative Results

For 2025/26, HSE are not providing quantitative samples for the Low Asbestos Content Scheme LACS).

Additional Information

All 7 PLM/PCM, 49 SEM and 70 TEM laboratories scored zero points in the round.

