**NPL Nuclear Industry PTE 2025 - Techniques Form**

|  |  |
| --- | --- |
| **Participating Laboratory** |  |
| **Contact Person** |  |
| **Option to opt into information sharing:** | I confirm that information shared in this form may be used as part of a comparison table in the final report. I am aware that that the results will still be anonymised, but details provided below could lead to laboratory identification: |
| **[INSERT NAME]** on behalf of **[LABORATORY NAME]** |

**Please provide details of the following, additional comments may be added under “additional information”:**

|  |  |  |
| --- | --- | --- |
| **Detector** | Manufacturer |  |
| Detector Type |  |
| Crystal Type |  |
| Number of Detectors |  |
| Orientation/Arrangement of Detectors |  |
| Window Material |  |
| Collimated (if yes, provide details) |  |
| Detector Shielding |  |
| Acquisition Software (Type and Version) |  |
| **Scanning Method** | Distance from Drum (m) |  |
| Rotation (Automatic/Manual) |  |
| Count of Vertical Segments Measured |  |
| Count Time |  |
| **Matrix Density Correction** | Describe how the matrix density correction was applied |  |
| **Modelling and Fitting Software (if used)** | Modelling |  |
| Fitting |  |
| **Detector Calibration** | Describe how the detector was calibrated and how this was applied |  |
| **Additional Information** | |  |