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## **Appendix-D: PEPT and smoke blanket displacement videos**

### **Compact Disk (CD) Contents:**

- 1 PEPT-Video-D01: Demonstrate the real time PEPT tracking of bronze particle at 10X speed in separation cell C-1.
- 2 PEPT-Video-D02: Demonstrate the real time PEPT tracking of glass particle at 10X speed in separation cell C-1.
- 3 PEPT-Video-D03: Demonstrate the real time PEPT tracking of bronze particle at 10X speed in separation cell C-2.
- 4 PEPT-Video-D04: Demonstrate the real time PEPT tracking of glass particle at 10X speed in separation cell C-2.
- 5 PEPT-Video-D05: Demonstrate the real time PEPT tracking of large glass particle at 10X speed in separation cell C-1.
- 6 PEPT-Video-D06: Demonstrate the real time PEPT tracking of small glass particle at 10X speed in separation cell C-1.
- 7 PEPT-Video-D07: Demonstrate the real time PEPT tracking of big glass particle at 10X speed in separation cell C-2.

- 8 PEPT-Video-D08: Demonstrate the real time PEPT tracking of small glass particle at 10X speed in separation cell C-2.
- 9 PEPT-Video-D09: Demonstrate the real time PEPT tracking of ilmenite particle at 10X speed in separation cell C-1.
- 10 PEPT-Video-D10: Demonstrate the real time PEPT tracking of sand particle at 10X speed in separation cell C-1.
- 11 PEPT-Video-D11: Demonstrate the real time PEPT tracking of ilmenite particle at 10X speed in separation cell C-2.
- 12 PEPT-Video-D12: Demonstrate the real time PEPT tracking of sand particle at 10X speed in separation cell C-2.
- 13 Smoke-Video-D13: Demonstrate the vertical vibration induced interstitial smoke blanket displacement in separation cell C-1 that contained the 80:20 %wt glass and bronze particle mixture.
- 14 Smoke-Video-D14: Demonstrate the vertical vibration induced interstitial smoke blanket displacement in separation cell C-2 that contained the 80:20 %wt glass and bronze particle mixture.
- 15 Smoke-Video-D15: Demonstrate the vertical vibration induced interstitial smoke blanket displacement in separation cell C-1 with no partition gap opening and contained no particle mixture.