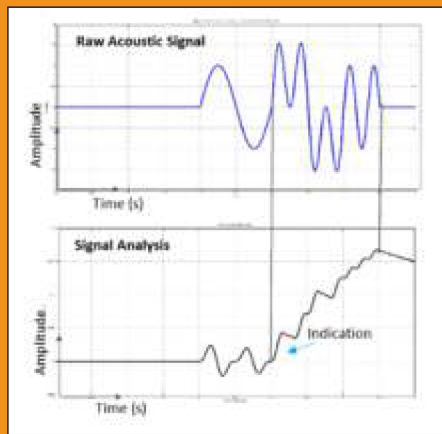
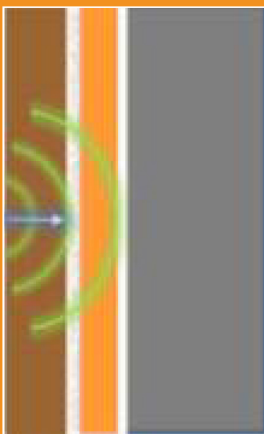
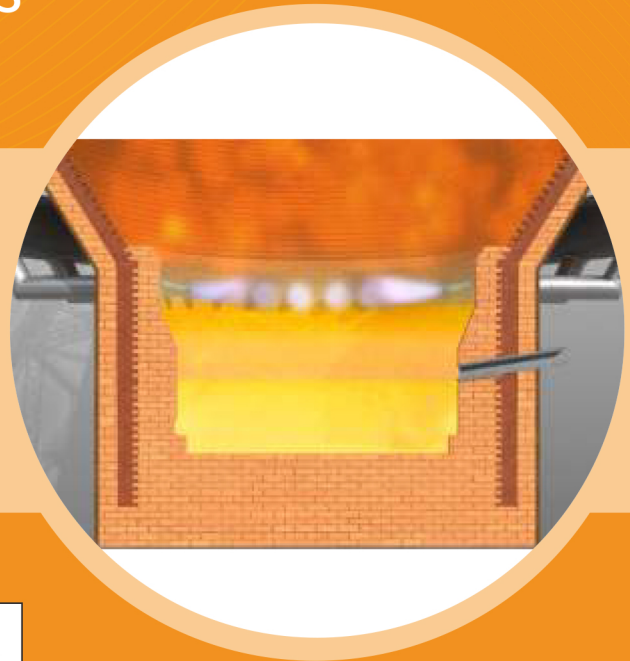


Hearth Refractory Thickness Measurement for Metallurgical Furnaces

WHY IS IT REQUIRED?

- ✓ Hot metal produced inside metallurgical furnaces, constantly erodes the hearth refractories.
- ✓ Health of hearth refractories directly impacts the campaign life of the furnaces.
- ✓ Periodic Inspection of hearth refractories will aid in significantly extending the campaign life of the furnace hearth.



HOW IT WORKS?

- ✓ Technology based on Acoustic Resonance allows measurements from the outer shell of the furnace.
- ✓ Advanced signal processing algorithms for accurate estimation of remnant refractory thickness.

WHAT IT DELIVERS?

- ✓ Condition of the Hearth in terms of remnant thickness profile
- ✓ Maximizing the campaign life by periodic assessment of hearth refractories
- ✓ Aids in safe operation of furnaces

