

شرح انجام خدمات تراز لیزری گرم کوره خط یک و دو

1. Setting up the surveying bases for the kiln – reference base.
2. Measurement of kiln axis position in horizontal plane.
3. Measurement of kiln axis in vertical plane.
4. Measurement of kiln inclination.
5. Measurement of under-tire clearance parameter and tires' migration.
6. Measurement of supports displacement: cyclic transverse movement.
7. Measurement of rollers' operating angles.
8. Measurement of rollers' axis position (in horizontal plane) in relation to kiln axis.
9. Measurement of rollers' inclination In relation to kiln axis.
10. Measurement of foundation frame axial slope.
11. Measurement of rollers' and tires' mechanical wear (profiles).
12. Measurement of shell profile – circularity deviation of cross section
13. Measurement of shell profile – eccentricity of cross section.
14. Measurement of tires' and girth gear axial run-out.
15. Measurement of girth gear radial run-out.
16. Measurement of temperature distribution of kiln shell and tires.
17. Measurement of rollers' shaft deflection (indication of hidden mechanical crank formation).
18. Measurement of thrust rollers position in reference to kiln axis (inclination and axial position).
19. Measurement of temperature distribution across the tooth of the pinion.
20. General mechanical inspection of drive mesh, bearings and shafts condition, lubrication efficiency, inlet and outlet sealing, thrust unit, adjustment equipment, covers and housing.
21. Calculations of axial deviations in horizontal and vertical plane and kiln slope.
22. Preparation of optimal version of adjustment program and schedule.
23. Supervision over adjustment procedure carried out by technicians of the Cement Plant (if necessary).
24. Control survey of final kiln axis position and rollers skewing after the adjustments (if any).
25. Preparation of shell polar diagrams and kiln shell topography view.
26. Preparation of completed report of measurements and adjustments.
27. Preparation of recommendations for future preventive maintenance actions, routines, necessary repairs and replacements.
28. Presentation and submission of the report and shell animation to the Customer