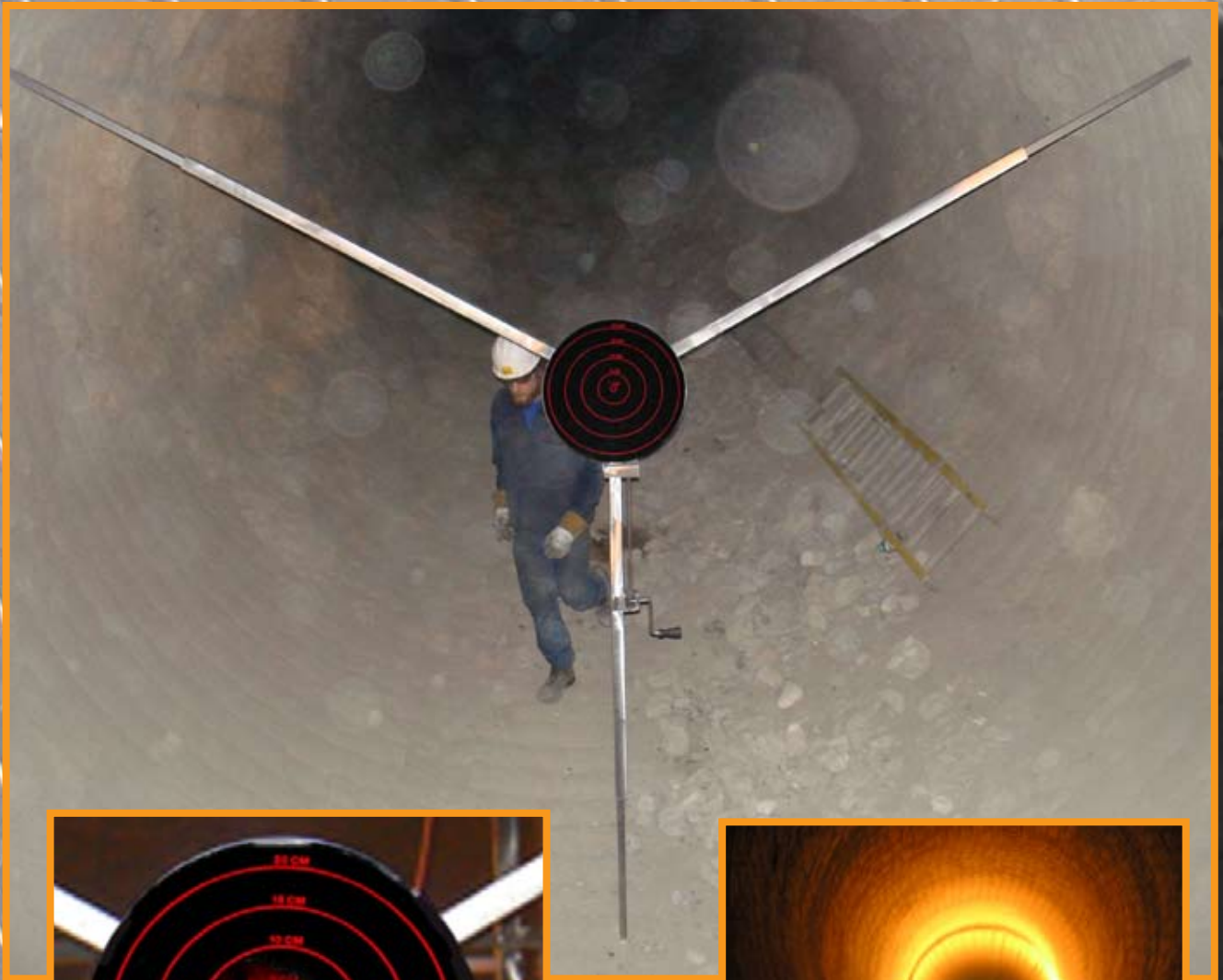


# LASER TARGET



*To assist in finding the optimal burner position following a shut down*



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# LASER TARGET

## A NEW WAY TO BETTER CONTROL KILN OPERATION



Being a safety solution driven company we are dedicated to finding workable solutions for our customers who can then experience a safer, shorter, and more productive shutdown. When Holcim Alesd Plant in Romania came to us requesting a design and supply of a special piece of equipment to assist in positioning of the kiln burner following shutdown, we were more than willing to help.

With kiln burners being designed for higher momentum and capable of firing multi alternative and conventional fuels, the proper kiln operation is more sensitive to the burner position inside the kiln. After each shut down when the burner is removed its optimal position is lost. Finding it is cumbersome, slow, and very inaccurate.



A target was the special equipment needed that would be located in the middle of the kiln to receive a laser ray of a pointer being shot through the pipe of a burner. Until now the task had been done with a large dose of guessing or using time consuming tape measurements. Such a system would provide an easier and a less time consuming method to reset the burner to the same position shutdown.



The target would need to be sturdy, easy to use, and able to withstand repeated use. The target area would also need to be large and easy to see from a distance. Using our experience working with high strength aluminum, a laser target was designed and fabricated to meet those needs.

## FEATURES

Manually hand cranked gears deploys three arm system

Arms deploy equally to automatically locate the middle of the kiln in the center of the target

Fabricated from lightweight aluminum

Easy to set up, move, & store

One target can be used for several different kilns

Target decal measurement in centimeters

Large black decal is visually easier to see