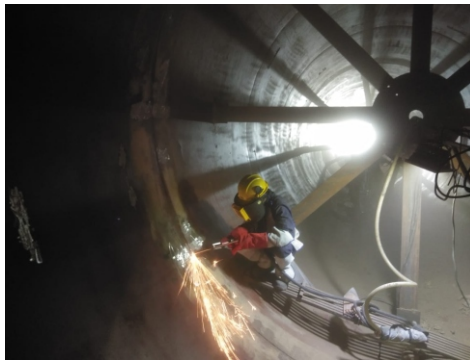


# KILN - SHELL JOINTS BY SAW

CARRY OUT WELDING OF SHELL JOINTS BY AUTOMATED PROCESS THUS REDUCING PREVIOUS SHUT-DOWN CONSIDERABLY AND HUGE SAVING WITH HIGHEST QUALITY WELD JOINTS



## AREA OF CONCERN

MMAW of joints may take up to 6 to 8 days depending upon diameter and thickness of shells. Thus, warranting more time for shutdown. This is an essential activity and can't be avoided. Being MMAW, quality of welding within a joint itself may vary depending upon welder's skill. Uneven fusion, slag inclusion, under bead cracking development of stresses and non-uniformity of welding may lead to bad quality.

## SOLUTION

Deployment of SAW process cuts down welding time by at least 4 to 5 days! Thus, saving lots of shut-down time. Strictest control over welding parameters ensure uniform weld bead quality, generation of lesser/negligible stresses and almost ZERO defects.

## APPLICATIONS

All rotating equipment like kilns, ball mills, drier drums or cooler drums used in Cement, Steel or Chemical plants.

## KEY PROCEDURE

- Root run welding & gouging
- NDT of shell & joint
- Repair of cracks/defects if any
- SAW
- Inspection