On-site services for girth gears

FLSmidth provides expertise to supply, install, maintain and repair heavy-duty girth gears to help ensure years of reliable operation.
Complete service solutions for girth gears

Engineering and planning of maintenance projects
FLSmidth can provide on-site evaluations to:
- Define the job scope and welding procedure
- Specify needed resources such as cranes, tools, and manpower
- Detail the project schedule to ensure a smooth and efficient turnkey project execution.

Installation services
For kiln and ball mills, we offer services on open girth gears:
- Delivery and replacement of shell sections below girth gears
- Delivery and installation of girth gear, pinion, fixation system and drives
- Change or reversal and alignment of girth gear, pinions and drives.

Repair and refurbishment
Our repair and refurbishment team provides hands-on gear service including:
- Temporary repairs of crack and wear on girth gear and pinion
- Ball mill flange runout machining.

Inspection services
Beside the visual inspection of girth gears we also apply:
- Radial and axial runout
- Root clearance and backlash measurement
- Pitch measurement
- Shell and fixation system for kilns
- Mounting flange measurement for ball mills
- Temperature and vibration measurements
- NDT measurements.

Customised solutions
In addition to the above capabilities, FLSmidth offers a single source for a complete range of services – ranging from feasibility studies and condition monitoring to engineering, spare parts supply and installation – to match the specific needs of your plant.

Production
FLSmidth MAAG Gear has its own manufacturing facilities for girth gears.

Contact information
Find your local supplier at www.flsmidth.com/onsiteservices

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