

Component replacement labor

For crushing equipment

Work Model

In addition to parts, Metso Field Services offers labor for major events, such as shutdowns or annual outages. Metso personnel can be utilized to fully execute the project or to supplement your on-site maintenance staff. Metso crews are safety oriented, fully equipped with appropriate PPE and fully trained to perform efficient component change-outs. Metso has the expertise from having supervised and overseen thousands of crusher shutdowns globally.

Grinding Mills

- Concave replacement
- Mantle replacement
- Pinion shaft assembly
- MPS replacement
- Eccentric replacement

HP & MP

- Main frame replacement



How to work

The first step is to determine the scope of work for Metso Field Services. Will they be simply assisting on-site, supervising an in house crew, or will they be planning and coordinating all aspects of the maintenance event? Metso Engineers, Supervisors and/or Technicians will be deployed to the site to replace components according to the agreed upon scope of supply. Special lifting procedures will be identified and performed. Metso experts will carry out the required maintenance scope in accordance with the latest engineering specifications, standard procedures and benchmarked best practices.

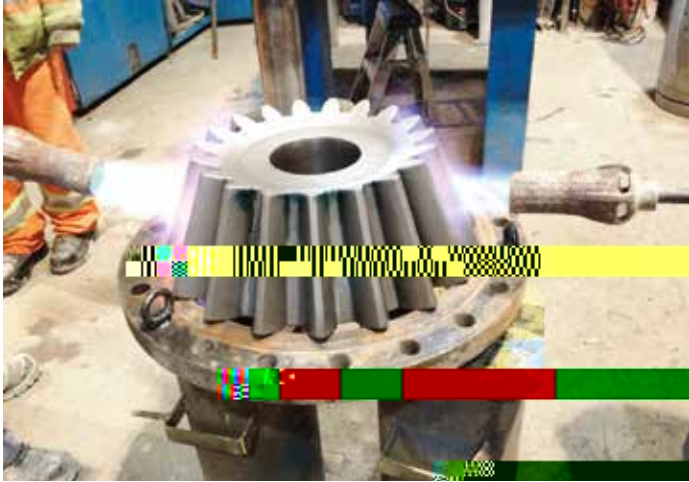
Benefits

Reduced downtime: Metso crews utilize advanced planning tools, such as effective critical path planning, as well as scheduling and staging

for crushers, such as the bottomshell, mainshaft or gear, eventually need replacement and/or upgrades to take advantage of product improvements. Large and heavy parts often require specialized handling and installation procedures as well as specialized tools to ensure safety.

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Case studies - Crushing



M

A customer in South Africa needed to change out the mainframe of their Metso MP 1000 crusher due to component fatigue and stress from numerous years of service. Changing out the mainframe is a challenging task.

C

A gold miner in central Canada ran into issues with a broken countershaft box on their HP 700 Metso crusher. A temporary fix was put in place until new replacement parts could be delivered to the site. The client decided against doing the repair themselves as it involved using the old spare shaft with a new countershaft box and a new pinion. Tolerances needed to be within a tight range to ensure that the crusher didn't experience excess vibrations or wear due to misaligned gear and pinion.



For more information, contact your local Metso representative.
www.metso.com

Specifications in this document are subject to change without notice.