

# 118 Fieldwicks Crushing – Safe Work Procedure

## CHANGING JAW LINERS - draft

**DO NOT** attempt this repair unless machine power source is isolated and locked out.

### PERSONAL PROTECTIVE EQUIPMENT

Safety glasses, hardhat, gloves , Hivis clothing , safety boots

### PRE-MAINTENANCE SAFETY CHECKS

- ✓ Run crusher until completely empty, then Isolate and lock out machine
- ✓ Ensure excavator is fitted with drop valve protection and there are no signs of damage or oil leaks to hydraulic lines.
- ✓ Check the lift capacity of the excavator is well in excess of the weight of the liner. Liners generally weigh approx. 1000kg.
- ✓ Check the lift equipment is tagged and in good order
- ✓ Ensure there are anchor points for harness attachment
- ✓ Use fall harness when working over top of crusher
- ✓ Ensure there is a qualified dogman present for lifting out the liners.

### PROCEDURE

- ✓ Place block in between jaws to stand on
- ✓ Loosen wedge nuts and washers, Tap with hammer to release any stored energy
- ✓ Remove nuts, retract bolts and remove wedges
- ✓ Tip top of jaw liner forward and fit shackles to lift points
- ✓ Remove Standing Block
- ✓ Lift jaw out ensuring all personnel are clear of fall zone.
- ✓ Place liner on timber blocks, remove shackles.
- ✓ Place shackles on other end if turning or on new liner if replacement is being made.
- ✓ Lift jaw liner back in position and locate on centring key at the bottom of the jaw stock.
- ✓ Fit wedges and bolts
- ✓ Fit washers and bolts, tighten securely.

### ENDING OPERATIONS AND CLEANING UP

- ✓ Ensure all personnel, tools and equipment are clear of machine. Remove isolation and run machine for 10min.
- ✓ Retighten wedge nuts to ensure they are secure
- ✓ Leave the equipment and work area in a safe, clean and tidy state.

### POTENTIAL HAZARDS AND INJURIES

- ⚠ Fall hazards.
- ⚠ Nip point hazards.
- ⚠ Falling objects
- ⚠ Hair/clothing getting caught in moving machine parts.

### DON'T

- ✗ Do not use faulty equipment. Immediately report suspect equipment.
- ✗ Never leave the machine running unattended.
- ✗ Never stand near excavator while running