



INFORMATION REQUIRED FROM _____

RELATING TO GRIMEFIGHTERS GIRTH GEAR CLEAN.

PROPOSED DATE OF SHUTDOWN _____

1A. What is the diameter of the Girth Gear? _____

1B. How wide are the Girth Gear teeth? _____

2A. Does this Mill have an inching drive? Yes / No
(If no, an alternative must be arranged.)

2B. How long will it take to connect? _____ minutes.

2C. Inching speed – Approximately how many revolutions per hour. _____

2D. At what temperature does the pinion operate? Max _____ Min _____

3A. What grease type are you running at present? _____

3B. When was the last time the Gear was cleaned.? _____

3C. Has this grease been changed since this last clean and if so what type of grease was it? _____

3D. Is there any contamination in the root of the Gear? Yes / No

3E. How would you describe the root condition of the Gear?

- A. Clean
- B. Slightly contaminated
- C. Root Bound

4. Why are you cleaning the Girth Gear?

5.

- A. A routine inspection / report and NDT ultrasounds.
- B. Pinion change – gear reversal.
 - i. Do you need the grease under the Pinion removed? Yes/No
 - ii. Do you need under the Pinion bearing mounts cleaned? Yes/No
 - iii. Do you require the total Drive Train to be cleaned
 - ie. Motors gearbox and drives etc? Yes/No

- C. Maintenance to teeth surface.
- D. Other, please describe. _____

- 5A. Will the top guards require cleaning? Yes / No
- 5B. Will the labyrinth seals and adjustment bands require cleaning? Yes / No
- 5C. Would you prefer that Grimefighters stay onsite until the Pinion is removed.
Yes / No.
- 6A. Is air available near the Pinion Inspection Hatch? Yes / No
- 6B. What size is the Inspection Hatch? _____
- 7A. Is there a build up of grease in the lower section of the Girth Gear shroud
cowling? Yes / No
- 7B. How deep is this grease.? _____
- 7C. Is waste grease flowing out of the bottom of the guard? Yes / No
- 7D. Is the spout high enough to place 205 litre drums underneath? Yes / No
(If not, waste containment must be discussed.)
- 8. Do you want this grease removed from the shroud at the time of the Gear
Clean? Yes / No
- 9A. Is there a lower door for this to be cleaned out of? Yes / No
- 9B. What size is the door hatch? _____
- 9C. How high is this from the ground? _____
- 9D. Will scaffolding be required? Yes / No

NOTE – IMPORTANT Specific Preparation Instructions are Available

At the time of spray off when the final grease and chemical is removed, approximately 3– 4,000 litres of Potable Water will be consumed. If the Gear is root bound then this amount could double. As a result, precautions must be taken to prevent this residue from entering any reclaim water sumps. **Ask Grimefighters about your specific environmental, and waste control solutions.**