

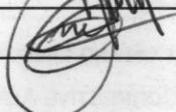
THENJIWE SUPPLIES & REPAIRS

| | |
|-----------------------------|-------------|
| Reference Number | TSR/SOP/003 |
| Implementation Date | 03.12.2018 |
| Revision / Amendment Number | 0 |
| Revision / Amendment Date | 03.12.2018 |

SAFE OPERATING PROCEDURE FOR THE USE OF AN ANGLE GRINDER



SAFE OPERATING PROCEDURE FOR THE USE OF AN ANGLE GRINDER

| | Position / Name | Signature | Date |
|-------------|-------------------|--|---------|
| Compiled By | MSHEQ |  | 4/12/18 |
| Approved By | Martin du Plessis |  | 4/12/18 |

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**SAFE OPERATING PROCEDURE FOR THE USE OF
AN ANGLE GRINDER**

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1. PURPOSE

To ensure work is carried out in a safe manner as to minimise the risk of accident and / or injury.

2. SCOPE

This procedure addresses the usage of angle grinders

3. RESPONSIBILITIES

Supervisors

Supervisors must ensure that all personnel follow this operating procedure and that risks surrounding the use of angle grinders are communicated to all employees prior to any work commencing.

4. PPE REQUIREMENTS

| | |
|------------------------------------|---|
| Gloves |  |
| Hard hat |  |
| Safety shoes |  |
| Safety goggles |  |
| Overall |  |
| Dust mask |  |
| Ear Protection (Depending on area) |  |

5. GENERAL

- a) Not applicable

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6. PROCEDURE

6.1 Risk Assessment

A Pre-work Risk Assessment must be completed prior to the use of an angle grinder. The risk assessment must cover all aspects of the work to be conducted. It must not be limited only to the use of the angle grinder but shall cover the following aspects.

- Where the work is to be conducted
- Resources required to conduct the work
- Height at which the work is to be conducted.
- Work in the immediate vicinity that may affect the person or who he may affect.
- Flammable materials or gases in the vicinity
- Condition of tools

| A. No | B. Significant steps of Task/Process | C. What can cause an incident | D. What must be done to prevent an incident | E. Special tools, equipment to be used | F. P P E to be used | G. General comments |
|--------------|---|--------------------------------------|---|---|----------------------------|--|
| 1 | Angle Grinder Pre –Use Inspection | | | | | |
| 1.1 | Check Plug and Cord | Damaged Cord and Plug | Ensure that Plug and cord is in a serviceable condition | | | Electrical Equipment to be checked as per planned maintenance schedule |
| 1.2 | Inspect Guard | Lack of / Loose guarding | Ensure guard is fitted and secure | | | |
| 1.3 | Inspect grinding or cutting disc | Cracked or Chipped Disc's | Replace Disc if Faulty | | | |
| 1.4 | Inspect on/off switch button | Faulty switch button | Ensure that switch is functional | | | See point 101. |
| 1.5 | Check if disc is secure | Loose screw flange or worn disc | Tighten Screw flange or replace disc | Angle Grinder Spanner | | |
| 2 | Operating Angle Grinder | | | | Hardhats Spectacles | |

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|--|--|--|--|--|---|--|
| | | | | | Face shield Overall Ear Plugs Boots Dust Mask Gloves | |
|--|--|--|--|--|---|--|

7. REFERENCE

Occupational Health & Safety Act (85 of 1993) and regulations as amended
General Safety Regulations
Construction Regulation 2014

8. SUPPORTING DOCUMENTS

Baseline Risk Assessment