



WORKPLACE/TASK BASED RISK ASSESSMENT FOR USING A BRICKSAW

LOCATION: ANY CANAL/RIVERSIDE LOCATION

NOTES

1. This Risk Assessment is specifically for the use of a Bricksaw (Stihl or similar) on a KESCRG or WRG controlled site for the purposes of canal restoration.
2. This Risk Assessment should be included in the documentation taken to site and retained by the site leader.
3. There must be a review of this Risk Assessment following any site feedback or every 2 years, whichever comes first. Revision and date are shown in the footer.

MANDATORY PPE

1. Dust mask
2. Goggles or similar eye protection
3. Gloves.
4. “Overall” type long trousers.
5. Ear Protection (ear muffs or ear plugs for short term use)
6. Normal Site PPE, Safety Boots, fastened High-Viz Jacket, Safety Helmet

Risk Scoring Matrix

| Likelihood | Meaning | Severity | Meaning |
|-------------------|--------------------|-----------------|-----------------------------|
| 1 | Possible | 1 | Minor cut or bruise/injury |
| 2 | More than possible | 2 | Cut/Injury, needs First Aid |
| 3 | Fair chance | 3 | Injury needing First Aid |
| 4 | Likely | 4 | Broken Limb/ Serious injury |
| 5 | Certain | 5 | Severe injury/Death |



Risk Assessment: BRICKSAW (STIHL OR SIMILAR)

| Ref no | HAZARD | LIK | SEV | RAT | EXISTING CONTROL MEASURES | ADDITIONAL CONTROL MEASURES REQUIRED | LIK | SEV | RAT |
|--------|---|-----|--------------------------------|---------------------|---|---|-----|-----|-----|
| 1. | Danger from dust and debris to members of the Public. Potential eye injury or inhalation of silica dust. | 2 | 2 | 4 | 1. Bricksaw is always used with water feed to reduce dust/debris. 2. Site demarcation always carried out using barriers and notices, plus use of watchman if site leader deems it necessary. | 1. None 2. Site leader to determine prior to work starting. Note. The bricksaw needs clean water to operate correctly | 1 | 1 | 1 |
| 2. | Danger to operator from inhalation of dust and debris | 3 | 3(short term) 5 (long term) | 9 15 (long term) | 1. Bricksaw is always used with water feed to reduce dust/debris. 2. Mandatory PPE includes dust mask and goggles. | 1. None 2. None | 1 | 2 | 2 |
| 3. | Danger to operator from incorrect use of bricksaw; severe limb injury or injury to digits. | 3 | 4 | 12 | 1. PPE includes safety boots, gloves and long "overall" trousers. 2. Suitable training to be given to all users by a competent person. | 1. None. 2. Site leader to check and determine if operator has been trained and is safe. | 1 | 2 | 2 |
| 4. | Risk of burns to operator from hot exhaust and blade. | 3 | 2 | 6 | 1. PPE includes gloves. 2. Training covers awareness of hot parts. | 1. None 2. None | 1 | 2 | 2 |
| 5 | Risk of severe burns from mishap whilst | 3 | 4 | 12 | 1. Training covers allowing bricksaw to cool before re- | 1. None | 1 | 3 | 3 |



| | | | | | | | | | |
|----|--|---|---|----|---|--|---|---|---|
| | filling with petrol | | | | filling. | | | | |
| 6. | Potential risk to operator of dermatitis from lube oil (2-stroke) and petrol. | 2 | 2 | 4 | 1. PPE includes gloves. 2. Basic hygiene covers avoidance of dermatitis. | 1. None 2. None | 1 | 2 | 2 |
| 7. | Risk to operator of short term hearing loss and debris in ears | 3 | 3 | 9 | 1. Site time is short. Risk minimised by short exposure. 2. PPE includes hearing protection. | 1. None 2. None | 1 | 3 | 3 |
| 8. | Danger from dust and debris to other site persons. Potential eye injury or inhalation of silica dust. | 2 | 3 | 6 | 1. Bricksaw is always used with water feed to reduce dust/debris. 2. Bricksaw work to be carried out away from main work area. | 1. None 2. Site leader to determine suitable location | 1 | 2 | 2 |
| 9. | Danger from unsupported workpiece moving, causing kick-back or flying fragments. | 3 | 4 | 12 | 1. Competence includes adequately restraining the workpiece. 2. Use jig or clamp to hold the workpiece. 3. PPE offers protection. | 1. None 2. None 3. None | | | |



CONTROL MEASURES BRICKSAW (STIHL OR SIMILAR)

| Ref no | ADDITIONAL CONTROL MEASURE REQUIRED | BY WHOM | BY WHEN | STATUS (COMPLETED YES/NO) |
|--------|--|--|---|---|
| 1. | 1. None 2. To be covered by a specific site assessment. | 1. N/A 2. Site Leader | 1. N/A 2. Before site work starts | Note. See site-specific risk assessment |
| 2 | 1. None 2. None | 1. N/A 2. N/A | | |
| 3 | 1. None. 2. Site leader to check and determine if operator has been trained and is safe. 3. Consider formal certification. | 1. N/A 2. Site Leader 3. KESCRG management | 1. N/A 2. Before work starts 3. 3 months (May 12) | 3. No. |
| 4 | 1. None 2. None. | | | |
| 5 | 1. None. 2. None | 1. N/A 2. N/A. | | |
| 6 | 1. None 2. None | 1. N/A 2. N/A | | |
| 7 | 1. None 2. None | 1. N/A 2. N/A | | |
| 8 | 1. None 2. Site leader to determine suitable location | 1. N/A 2. By site Leader | 1. N/A 2. Before work starts | |
| 9. | 1. None 2. None. 3. None | | | |