|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Department:** | **Eng. & Public Works**  | **Area:** | **Construction** |  |
| **Subject:**  | **Bevel Pro Grinder Attachment**  |

**BEVEL PRO GRINDER ATTACHMENT**

**Purpose:**

Grinder- attached tool used for safely and uniformly bevelling cut ends of PVC pipe.

**Hazards:**

|  |  |
| --- | --- |
| * High speed moving parts (pinches, snags)
 | * Flying debris
 |
| * Traffic and mobile equipment
 | * Electrical shock
 |

**PPE Required:**

|  |  |
| --- | --- |
| * Hard hat
 | * Gloves, Hi-Vis vest or coveralls
 |
| * Eye and ear protection
 | * Safety boots
 |

**Set-Up:**

* Set up in a safe, convenient location
* Choose the correct beveller according to pipe size and type i.e. 150mm DR 14 Blue Brute or 200mm SDR 35
* Inspect cutting edges. When rounded, sharpen as per manufacturer’s instructions
* Thread beveller onto the grinder until snug, do not over tighten
* Plug grinder into an appropriate electrical outlet, using a GFI (ground fault interrupter)
* Support pipe end off the ground to allow free and comfortable use of beveller
* Secure loose clothing

**Procedure:**

* Secure the pipe to prevent it from spinning
* Start the grinder and allow it to get to full speed
* Place the tool over the end of the pipe and apply light, firm pressure until proper bevel is complete
* Excessive pressure can damage grinder and cause burning of pipe
* Release trigger and leave tool in place on the end of the pipe until the beveller stops rotating before putting down the grinder
* Spin pipe to inspect bevel, repeat procedure until bevel is acceptable

**Post Procedure/Take Down**

* Unplug grinder before unscrewing beveller, use a wrench if necessary

**Summary**

* Operator must be trained and competent with a grinder before using the bevel attachment
* Watch and learn from experienced operator before bevelling
* Consult supervisor or competent operator if necessary

|  |  |
| --- | --- |
| **Revised: 03/09/10** | **Approved by: Dave Benere**  |