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| **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:**

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

**PPE Required:**

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| * 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

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