

## Safe Work Instruction – Operation of Kummert Profi 3 CCTV

**DO NOT use this plant\* or complete this task unless you have been inducted in its safe use and operation by an Authorised Experienced Operator**

This SWI may not cover all possible hazards and risks and should be referred to as a control measure in the risk assessment process.  
Additional training may be required for high risk plant. Site and task may change required PPE.

### PERSONAL PROTECTIVE EQUIPMENT



Eye protection must be worn



Hand protection must be worn



P2 face mask must be worn when airborne dust or fumes are created



Foot protection must be worn



High visibility clothing must be worn

### POTENTIAL HAZARDS AND RISKS

- Struck by Moving Object**  
Struck by moving object due to work pieces being ejected
- Exposure to High Pressure Fluid**  
Injury from exposure to high pressure fluids
- Manual Task Injury**  
Manual task injury from incorrect manual handling techniques
- Other**  
Exposure to atmospheric contamination
- Explosion**  
Explosion of gases, vapours or liquids
- Cutting, Stabbing or Puncturing**  
Injury from contact with moving parts
- Slip, Trips, Falls**  
Slip, trip, fall due to uneven or slippery work surfaces

### PRE-OPERATIONAL SAFETY CHECKS

- ✓ Complete site specific risk assessment
- ✓ Complete the appropriate pre-operational plant checklist if applicable
- ✓ Profi 3 only to be operated by trained authorised workers
- ✓ Ensure you are familiar with plant operations and controls
- ✓ Ensure that guards are fitted, secured and functional in accordance with manufacturers guidelines
- ✓ Ensure appropriate signage/barriers are in place around worksite

### OPERATING PROCEDURES

- ✓ When arriving on site park Choke/Camera vehicle on level ground as best as possible for unloading of equipment
- ✓ Proximity to manhole, BTS etc location is a priority to minimise carrying distance of equipment
- ✓ Establish route to be used to access location of CCTV work for transport of equipment
- ✓ Unlock/unstrap equipment in preparation for lifting from vehicle
- ✓ Check ground surface for footing in readiness for two man lift of components
- ✓ Grab lifting handle on Profi 3 unit and with a two-man lift remove from vehicle and place on the ground wheels down.
- ✓ Grab lifting handle on Cable drum and with a two-man lift remove from vehicle and place drum on the rear of the Profi 3 unit using the mounting hooks

- ✓ Lift out camera case and pulley(downhole roller) from vehicle in readiness for use
- ✓ Attach pushing handle to Profi 3 unit for ease of control and steering to work site.
- ✓ One worker will push Profi 3 unit while other worker will carry camera case and pulley to job

**Note:** If it is established that the only access is too narrow for the Profi 3 unit to be wheeled through, then the Profi 3 unit and Cable drum are to be carried individually to site using a two man lift. If a two man lift to the site is impossible then the single worker support lifting harness is to be used to carry separately the Profi 3 unit and Cable drum. Proper manual handling techniques are to be used at all times.

- ✓ If the Profi 3 CCTV is to be used via a manhole refer to SWI40 Lifting a Sewer Manhole Lid – Manual
- ✓ For all operations of the Profi 3 unit refer to Operations Manual for instructions on all components.
- ✓ **Note:** Be aware of the Safety Stop button which may need to be used in case the Cable drum decides to run on or self-spool.

### ENDING OPERATIONS

- ✓ Clean and pack all equipment away properly after CCTV operation completed
- ✓ If applicable put manhole lid back in place referring to SWI40 for lifting instructions or screw BTS lid back on.

- ✓ Using a two man lift grab handle on Cable drum and place it on the rear of the Profi 3 unit using the mounting hooks
- ✓ Attach pushing handle to Profi 3 unit for ease of control and steering to choke/camera vehicle.
- ✓ One worker will push Profi 3 unit while another worker will carry camera case and pulley to vehicle.

**Note:** If it is established that the only access is too narrow for the Profi 3 unit to be wheeled through, then the Profi 3 unit and Cable drum are to be carried individually to the vehicle using a two man lift. If a two man lift to the vehicle is impossible then the single worker support lifting harness is to be used to carry separately the Profi 3 unit and Cable drum. Proper manual handling techniques are to be used at all times.

- ✓ Using a two man lift grab handle on Cable drum and remove it from the rear of the Profi unit and place it in the vehicle
- ✓ Using a two man lift grab handle on Profi 3 unit and place it in the vehicle also with wheels down.
- ✓ Put all other components in the vehicle and strap all items in securely
- ✓ Collect signs and barriers and stow away in vehicle

#### DO NOT

- ✗ Do not use if plant is faulty. Attach an Out of Service tag and report fault to your supervisor
- ✗ Do not leave plant running unattended
- ✗ Do not wear loose jewellery
- ✗ Do not use mobile phone while operating plant
- ✗ Do not point the camera's LED laser at individuals, yourself or vehicles
- ✗ Do not reach into the reel/cable drum unless it is locked
- ✗ Do not use abrasive, corrosive or other aggressive detergents when cleaning equipment

\*Plant in this SWI refers to any machinery, equipment, appliance, container, implement and tool.