

Safe Work Instruction – Operation of Kummert Profi 3 CCTV

DO NOT use this plant* 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 (select appropriate PPE option, delete irrelevant options)



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 (select appropriate drop down option, include additional Hazards and Risks under Other, delete irrelevant options)

- 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 van 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
- ✓ Open Van side door, unlock and slide out equipment tray, lock into position and put down stabilizer leg.
- ✓ Unlock/unstrap equipment in preparation for work use.

- ✓ 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 tray and place on the ground wheels down.
- ✓ Grab lifting handle on Cable drum and with a two man lift remove from tray and place drum on the rear of the Profi 3 unit using the mounting hooks
- ✓ Lift out camera case and pulley(downhole roller) from tray 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.

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 van.
- ✓ One worker will push Profi 3 unit while other worker will carry camera case and pulley to van.

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 van using a two man lift. If a two man lift to the van 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.

- ✓ Open Van side door, unlock and slide out equipment tray, lock into position and put down stabilizer leg.
- ✓ 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 tray
- ✓ Using a two man lift grab handle on Profi 3 unit and place it in the tray also with wheels down.
- ✓ Put all other components in the tray and strap all items in securely
- ✓ Fold up stabilizer leg, unlock tray, slide tray back into van and lock into position
- ✓ Collect signs and barriers, stow away and shut van door

DO NOT

- ✗ Do not use if plant is faulty. Attach a DO NOT OPERATE 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.