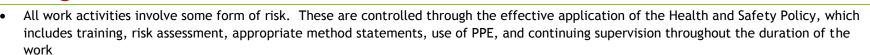
Fibre for Rural Nottinghamshire

Young Person's Risk Assessment





- For young people further assessment of the risks needs to be undertaken considering, for example, their experience and maturity as well as their physical and mental capacity. This Young Person's Risk Assessment should be used in conjunction with the task specific risk assessment / method statement which identify, for an adult, the risks involved and the safe method of work.
- Although the young person will only be allowed to work on the F4RN construction activities under the direct control of their parent or guardian, the work party leader will determine whether the young person should be allowed to assist with the specific activity. In some circumstances this means that the young person may be asked to stop work during the construction activity even if they were initially allowed to assist the working party.

Tasks included in the scope of this risk assessment.

Installing ducting - hand digging / mole ploughing / mini-digger

Blowing fibre / Splicing fibre

Installing chambers - large / small

Installing customer CPE

Risk Assessment

Hazard	Activity	Description of risk	Current control method	Additional controls for young person to make sure that the risk is adequately controlled
Manual handling	Movement of drums of ducting and fibre Installation of chambers - heavy concrete covers	Muscle strain Trapped fingers	SP1: Manual handling training Use of mechanical lifting aids Provision of gloves	Supervision by adult (parent / guardian) Younger children not allowed to move, or assist in the movement of, drums of ducting or telecoms chambers.
Use of hand tools	Digging trenches / telecoms chambers Cutting ducting	Cuts to hands / feet Muscle strain	SP2: Appropriate footwear Provision of gloves	Use of appropriate sized tools
Use of power tools	Drilling to install CPE Cutting holes for ducting in telecoms chambers (hole saw)	Cuts and abrasions Particles in eyes Noise - damage to hearing	SP2: Tools only used by competent persons	Power tools not to be used by young persons under the age of 16.

Hazard	Activity	Description of risk	Current control method	Additional controls for young person to make sure that the risk is adequately controlled
			Provision of PPE (eye protection, hearing protection, gloves)	
Slips, trips and falls	General risk - particularly around trenches and holes for telecoms chambers, but also where ducting is installed across drainage ditches	A slip/trip into an open exaction Trip over ducting or discarded tools / equipment.	SP8: No excavation >1m; in general trenches and chambers will be no more than 600mm deep. Safe access and egress Good housekeeping / control of working area	Young persons will not be allowed to play near the working party / work area. No running / skylarking etc.
Ladders and working at height	Installing ducting at high level	Fall from height	SP6: Correct use of ladders.	Young persons under the age of 16 will not use ladders.
Moving plant and machinery	Tractors and mini-diggers will be used in some phases of the project (eg for mole ploughing, larger trenches and for installing telecoms chambers)	Being run over / crushed Limbs being trapped / crushed	SP3: High visibility clothing Use of banksman People not directly involved kept at a safe distance	Young persons under the age of 14 will not be allowed to assist with operations that involve moving plant or machinery.
Compressed air	Blowing fibre	Damage to eyes - either directly from compressed air or from particle blown from the ducting	Eye protection to be worn during any operation involving compressed air. Do not look down the ducting.	Young persons under the age of 14 will not be allowed to assist with operations that involve moving plant or machinery.
Glass fibres	Splicing fibre - it is necessary to cut the fibre which may create small glass fibre splinters.	Fibre optic splinter will cause bleeding and/or irritation.	SP12: Only approved technicians to splice fibre	Young persons will only splice fibres if they have been trained and approved to do so.
Lasers	Used to transmit the signal down the glass fibre.	Damage to eyes	SP12: Do not look directly down a fibre or into the laser diode output on routers / switches Where possible, lasers will be used where the power output	Young persons will not be involved in operations where exposure to lasers is a possibility.

Hazard	Activity	Description of risk		Additional controls for young person to make sure that the risk is adequately controlled
			is too low to cause eye damage.	

General Comments

The capability and maturity of young people varies greatly between individuals and the definition of an adult at age 18 does not recognise the fact that younger people may be as physically strong and emotionally mature as a young adult. However, it is important that the responsible adult (parent/guardian) understands the capabilities of the young person and does not ask them to do a task which places them in a position of potential harm

Many accidents happen because the situation changes or an assumption is made over the nature of the task or the competence of the person who has been asked to take on that activity. This is particularly the case with young people.

Work sites are not play grounds. Although it would be great if as many people as possible get involved with the construction of the F4RN broadband network, if anyone involved once to play games then then these should be kept well away from the work area and working party.