where everyone goes home safely at the end of the day
Agenda

01 UAA & SW – An overview
02 UAA & SW – Key risk areas – Refresher
03 Our Non-Negotiables – Focus areas
04 Going Home Safely at the end of the day

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High Risk Areas, narrow risk profile
Controls are well understood, lets make sure behaviour follows

- **Working at Height**: Majority were working at height incidents.
- **Road Safety**: Followed by vehicles incidents.
- **Electrical**: And electrical incidents.
- **Rigging and Lifting**: There was an increase on rigging and lifting incidents.
- **Street Works**: There was an increase on street works incidents.
- **Underground Works**: And underground assets incidents.

**Non-negotiables**

- **People**
- **Planning**
  - Site Survey / Site Works
  - Risk Assessment & Traffic Management
Technology in UAA and SW
UAA and SW - Incidents
These factors are impacting behaviour

2019

2020

2020
Managing Underground Asset
Non Negotiables

PEOPLE
- Training
- Competence
- Medical Fitness

PLANNING
- Municipal Authorities
- Utility providers
- Estate Owners

SITE SURVEY & SITE WORKS
- Site info (visual)
- Identification of routes
- Safe Digging Practices

EMERG. ARRANGEMENTS
- First Aid
- Medical facilities
- Phone numbers
Managing Underground Assets
People

Training
- Focused on Underground Assets risks
- Safe digging practices – Attention to hand digging.
- Right to refuse.

Competence
- Competent personnel from supplier
- SMAs on all Suppliers – High Risk Activity

Medical Fitness to work
- Medically and Physically fit to work, according to local legislation when required

REFUSAL TO WORK & ISSUE REPORTING PROCESS
Managing Underground Assets

Planning

Municipal Authorities
- Records held by the municipal or local authorities in the area of the site

Utility Providers
- Utility companies and telecommunications operators who have assets in the area
- DBYD – Dial Before You Dig Service

Estate Owners
- Estate owners information.
- Customer records

EMERGENCY RESPONSE
Managing Underground Assets
Site Survey & Site Works

Site info (visual)
- Documented site survey
- Visual inspection
- Ground conditions
- Overhead lines
- Permits to work

Identification of routes
- Existing site survey
- Cable detectors – RF generator
- Asset routes marked

Safe Digging Practices
- Personal protection (glasses, clothing and boots)
- Safe digging methods and training
- Advanced scanning

SITE SURVEY & SITE WORKS
Managing Underground Assets
What’s new?

Safe Digging Practices

Appendix 1.-
-Horizontal Directional
-Drilling
-Mole Work
-Micro-Trenching
-Slot-Cutting

Appendix 3.-
Pre-start excavation/digging checklist - Supervisors
Managing Street Works
Non Negotiables

PEOPLE
- Training
- Competence
- Medical Fitness

PLANNING
- Municipal Authorities
- Utility providers
- Estate Owners

RISK ASSESSMENT
- Location factors
- Traffic factors

TRAFFIC MANAGEMENT
- PPE
- Plant & Equipment
- Setting out carriageway and footway works.
Managing Street Works
People

- Remaining safe
- Vehicular traffic
- Members of the public
- Signing, lightning, barriers and equipment implementation and removal

- Competent suppliers and personnel. Records or evidences!
- Local requirements?

- Medically and physically fit to work.
- Local requirements?
- Consider medical conditions that may impact (i.e. Visual test)
Managing Street Works

Planning

Minimum inconvenience

- To road users including carriageway users, verge and footpath users. Surveys, risk assessment and design and implementation of arrangement of arrangement.

Local Authorities

- Consultation with authority for licenses, permits or approvals. Requirements as defined by that authority complied with.

Pre work Site Survey

- The worksite layout, the nature of the works and the duration of the works will influence the signing, barriers, guarding and lighting.

EMERGENCY RESPONSE
Managing Street Works
Risk Assessment

Location factors
- Nearby junctions / Interchanges
- Width of carriageways and footpaths
- Visibility
- Railways crossing, bus routes, tramways
- Overhead lines
- Adjacent Roads

Traffic factors
- Types of traffic
- Volume
- Speed Limits
- Commercial activities in the area
- Lighting levels
- Other works
Managing Street Works

Traffic Management

PPE
- High Visibility clothing:
  - i) operating outside the working site.
  - ii) setting out, maintaining signs, lighting, physical protection or performing traffic control.
- Worn at all times when within the working space

Plant & Equipment
- Signs and cones must be visible, reflective, and easily recognized
- Barriers mechanically joined - Attention to winds
- Consider wheelchairs, pushchairs and mobility scooters
- Adequate road

Setting out carriageway
- As planned.
- Info for road users
- Attention to parked vehicles
- Basic layout
- Basic rules for setting out
- Works on footways
- Unattended work: EXCAVATIONS!!
- Complex junctions
Underground Assets & Street Works

HRPIA & SMA

HRPIA - Section K
- Training and Competence (x2)
- Supervision - Tools and Equipment
- Supervision

SMA - Section J
- Training and Competence (x2)
- Supervision - Tools and Equipment
- Supervision

ARCHER

HEALTH, SAFETY, SECURITY & ENVIRONMENT GRC PLATFORM

My Workspace ▼ | Incidents ▼ | Executives ▼ | Privacy ▼
Summary
Think about, talk about and demonstrate good behaviour

Standards
• Underground Asset Avoidance
• Street Works

Non-Negotiables

People Planning Supervision
Site Survey and Site Works
Emergency Arrangements
Risk Assessment
Traffic Management

Getting it Right
• We get it right more than we get it wrong
• We need to remind each other why the non-negotiables are in place
• We need to respect each other and look out for each other
• We need to consider the impact COVID-19 has on how we think
Who’s waiting for you to come home safely?

Questions & Answers

Everyone goes home Safely