



MOBILISING FOR SAFETY

AMCO-GIFFEN



LOCATION: Llangyfelach Tunnel, North of Swansea

CLIENT: Network Rail

BACKGROUND:

The tunnel was being monitored due to movement in the lining. The limits were exceeded and AmcoGiffen reacted to a call out on 23 May

SAFE SITE SET UP: Alongside collaborative design meetings AmcoGiffen mobilised the project site to include the following safety aspects within a matter of days:



PEOPLE:

- >> A site-access controller monitoring fatigue on a 24-7 rolling rota
- >> Whiteboard sessions to discuss hazards and controls with the operational team
- >> Secondary welfare facilities for colleagues egressing the tunnel at the entry and exit point

ACCESS:

- >> Haul road surveillance with a gate person and access controller creating a safe walking route with no vehicles permitted at the same time
- >> Tunnel access and egress via a Man Rider only using a tally from the site access controller

COMMUNICATION:

- >> Regular emergency plan briefings
- >> Linked two-way radios and telephones
- >> Collaboration with client and designers

WORKING ENVIRONMENT:

- >> Gas monitoring check
- >> Forced air system included to support natural airflow and continuous atmospheric air monitoring
- >> Air-fed helmets for is if required and for when a pressure drop is detected – which would also instigate evacuation until air improved
- >> Drilling operated remotely to reduce exposure to HAVS
- >> Face-fitted P3 protection masks for all drillers
- >> Ongoing monitoring of the tunnel and work was carried out under the protective RAM Arch system