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Leading the Field



ISO 9001:2008 was launched in November 2008 – with companies worldwide being offered until 14th November 2010 to make the transition from the 2000 standard.

Mackenzie decided not to wait – and were certified by LRQA to the new standard in January 2009 – twenty-two months ahead of the deadline.

The LRQA audit report was highly complimentary – with no nonconformities, observations or areas for management attention identified. Positive comments include:

- Continued performance improvements and efficiencies are notable through the measures and monitoring results reported through the review processes.
- The value of using the LRQA Continual Improvement Tracking Log was considered and presently the form would provide no added value to the client.

Mackenzie has always been very strong on continual improvement – but it's nice to have it highlighted by a prestigious independent authority.

BS:OHSAS 18001:2007

Mackenzie Construction has demonstrated its commitment to continually improving Occupational Health & Safety by gaining certification to OHSAS 18001:2007. The Company's Health & Safety System was audited by Lloyds Register Quality Assurance (LRQA) who commented as follows.

"The Management commitment and ownership of the Safety Management System is highly visible. The System continues to develop and mature and the thorough level of monitoring and measuring performance and identifying improvement has identified the level of achievements to the management team.

Attitudes and behaviours of site supervision and staff interviewed demonstrated that there is a high level of awareness within the Company. A lot of time and effort is expended in training, awareness and competency of staff and site operatives. Communication and consultation is also very well managed. This is borne out by the company's current improving Health & Safety performance levels."

Duke Street Multi-Storey Car Park



We are currently undertaking refurbishment works to the roof of the Duke Street Multi-Storey Car Park for South Lanarkshire Council.

The car park is situated in Hamilton Town Centre and is used by a mixture of shoppers and park and ride customers. The roof currently has a waterproofing coating which is in poor condition and has begun to fail in many locations. As an approved Sika Waterproofing Contractor, Mackenzie Construction successfully tendered to replace the old system.

The contract involves removal of the existing waterproofing system, concrete repairs and screeding to the concrete deck, installation of new movement joints and application of Sikafloor Waterproofing System and specialist road marking coatings.



Edinburgh Tramways



Mackenzie Construction has commenced work on a significant proportion of the Civil Engineering Works for the new Edinburgh Tramways Project including the flagship Princes Street section of the scheme within the Capital on behalf of Edinburgh City Council.

The Mackenzie Construction Management Team have been specially selected for this task due to their sizeable experience in carrying out projects in busy and congested urban environments, where traffic and pedestrian management are of utmost importance.

Similarly, an understanding of the requirements of both the Client and the Local Traders is at the centre of the Management Team approach to the planning process.

The contract comprises the construction of almost 4km of track work together with two tram stops both located within the West End of the City. Further features of the scheme are extensive street lighting renewal together with ducting and drainage works.

When completed in 2011 the project will reduce the need for both cars and buses to enter the City Centre reducing carbon emissions and noise in equal measure.

Addiewell Prison



The start of 2009 saw our involvement in the construction of Addiewell Prison, near Livingston, come to an end, as the Prison, with 700 places, was opened.

We delivered 4No individual Work Packages on behalf of the Main Contractor, Interserve Project Services Ltd., with a combined value of approximately £3M.

The nature of the works delivered related predominantly to the infra-structure for the prison, in terms of access roads, car parks, hard standings and installation of both drainage and service ducts.

Our involvement commenced at the start of the project with the diversion of an existing water main to accommodate construction works commencing and concluding with the upgrading of existing access roads at the site entrance.

▲ M73 Overbridges Completed Early

Work has recently been completed on two overbridges on the M73 on behalf of Amey and Transport Scotland.

The value of the contract was £750,000 and involved blast preparation and painting to two open box beam girder bridges together with replacement of vehicle parapets and crash barrier and concrete repairs.



The contract was let on a lane rental basis in order to minimise any inconvenience to commuters on a stretch of the M73 which links the M80 and M74.

The contract duration of 35 days was carried out working 24 hour shifts incorporating three traffic management phases in both off-peak and peak traffic conditions. The project was completed 6 days ahead of programme.

▲ Whifflet Viaduct



This contract for North Lanarkshire Council was to improve the waterproofing of the existing bridge deck on the Whifflet Viaduct at Coatbridge. This is the 1st stage of a greater scheme to improve the all over condition of the concrete and stone bridge over an existing railway line.

The works comprised of removal of the existing road surfacing, carrying out substantial concrete repairs, waterproofing and subsequent resurfacing, kerbing and barrier works.

The existing deck was in poor condition and required large scale repairs, which was resourced to achieve the required deadline for Christmas Shopping.



▲ Cummings Park



Structural Repair works are currently ongoing in the Cummings Park Area for Aberdeen City Council, a contract which is being supervised by W A Fairhurst & Partners. The works involve installation of helical wall ties, crack stitching, elastomeric and decorative paint coatings, roofing and above ground drainage repairs as well as roughcast, render and concrete repairs to terraced local authority housing.

▲ UID Programme



We are currently involved in delivering Scottish Water's Programme of addressing the impacts of unsatisfactory intermittent discharges (UIDs) which is to be delivered over a 4 year investment period from 2006 to 2010 with a total value of approximately £200M.

Intermittent discharges provide the opportunity for the sewage system to relieve itself in a controlled and relatively harmless manner with discharges of storm water into adjacent watercourses, minimising the risk of property flooding.

Existing intermittent discharges require to be upgraded and Scottish Water have worked closely with the Industry Regulators in Scotland (SEPA and WIC) to develop an agreed programme of works to address existing intermittent discharges, which currently adversely impact on water quality.

Our current involvement is primarily located within the Cambuslang & Larkhall areas, with approximately 15 projects at varying stages and ranging in value from £5,000 to £½M.

▲ UvDB Verify

The Company's Health, Safety & Environmental Management Systems were also audited by Achilles Ltd., for inclusion in UvDB Verify, which is a register for companies working in the Utilities Sector. To obtain contracts for this type of work, it is essential that we are so registered. We, again, gained high scores in Safety, Environment and Quality; namely, 94.4%, 94.6% and 100% respectively.

▲ Wellington Bridge



July 2008 saw completion of refurbishment works to the Wellington Suspension Bridge for Aberdeen City Council. "The Chain Brig" as it is known locally is a listed Category A Structure and a Scheduled Ancient Monument that first opened in 1831 and over the years had been used for vehicular traffic as well as pedestrian use. The bridge was closed to vehicular traffic in 1984 and in 2002 the decision was made to close the bridge to the public for Health and Safety reasons. Mackenzie Construction successfully tendered and won the project to bring this historic landmark back into use.

The £670k project involved removal of the existing timber decking which was replaced with Ekki Hardwood and coated with an epoxy non-slip coating. The cast iron bridge deck, parapet, suspension rods and chains were grit blasted and had an epoxy coating system applied. Finally the granite towers and approaches were re-pointed and had new phosphor bronze capping pieces installed.

All of the works were undertaken from contained access scaffold suspended from the bridge deck which allowed passage under the bridge throughout the works.

The bridge was officially reopened for pedestrian use in September 2008.

▲ SVQ Awards



15 of our Foreman and Gangers received SVQ's in Construction Site Management (SVQ Level 3), a major element of the course being Health and Safety. The Managing Director presented the awards at the Company's Annual Christmas Training Day.

