

 **HEART of
ENGLAND**
NHS Foundation Trust

Birmingham Heartlands Hospital
Host a Senior Management Delegation from Hong Kong.

From a serious boiler explosion in Hong Kong to a fact finding and training visit to the UK, The CEA's Chairman Derry Carr with Cochran's David Branch have been involved in helping the Authorities in Hong Kong investigate a serious boiler explosion.

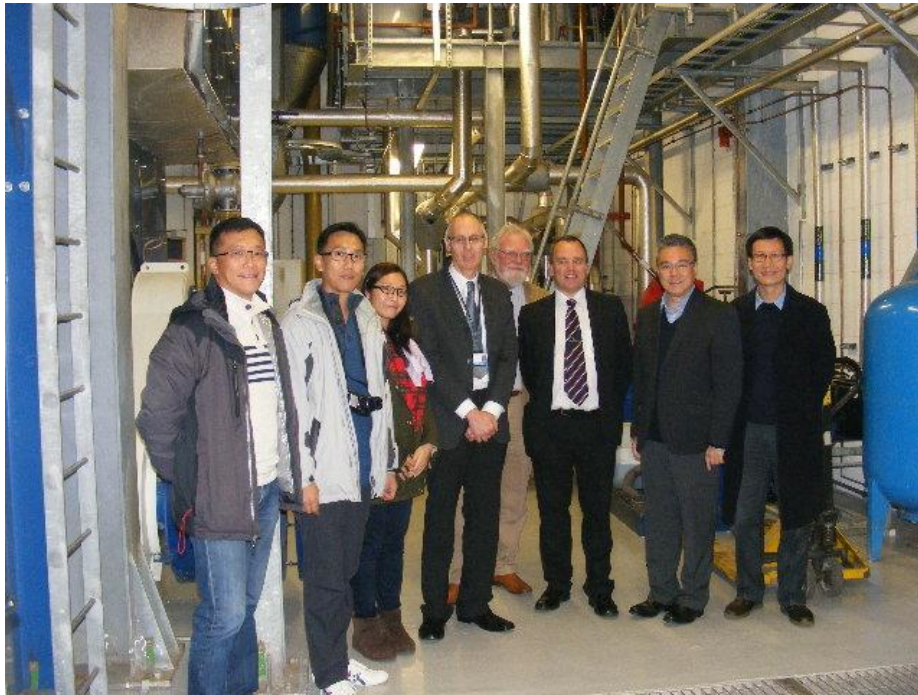


Because of this work, the Chinese authorities requested some assistance from experts in the UK, resulting in a delegation of senior people from Hong Kong visiting Cochran's factory at Annan, where they received Boilerhouse Management and Risk Assessment training from Derry Carr (Chairman of the CEA).

Then it was on to visit a very well run and organised NHS Estates department at Birmingham Heartlands Hospital (with their energy centre pictured above, part of the Heart of England NHS Foundation Trust. Heartlands has been a member of the CEA for several years, attending conference workshops and other initiatives such as the MCPD, Technical Boilerhouse Risk Assessments, BOAS and I-GAS.

The day's programme consisted of:

- Introduction to Birmingham Heartlands Hospital by Mike Taylor – Head of Estates
- Control of Contractors and Hospital staff by Tony Wright – Estates Manager
- Risk Assessments and Safe Working Practices by Nick Rudge – Compliance Manager
- Energy Centre set up and responsibilities by David Lively – Energy Manager



*Left to right – Mr Wong, Mr Jeffrey Wong, Ms Michelle Chan, David Lively, Derry Carr, David Branch, Mr Raymond Poon and Mr Derek Sam. (Mr Raymond Poon is the Head of Engineering)
All are from the Hong Kong government, Electrical and Mechanical Services Division (EMSD)*

Mike Taylor welcomed everyone to the Trust and explained the geographical location along with the local population that the Trust serves. He talked about the Trust's vision and core values, and the type of service delivered by the Trust. Mike also discussed the Estates department strategy and long term plans for the site developments and security of services.

Tony Wright gave a live demonstration of the Trust's Industry Standard Management Software System, demonstrating how the Trust controls contractors, runs induction courses, deals with asbestos regulations, risk assessments and daily work orders. He went on to talk about how the staff in the estates department operate hand held PDA's which they use to record and feedback information on breakdowns, planned maintenance activity, etc. which can all be attached to any work order that's issued, and much more...

Nick Rudge discussed compliance issues with regard to risk assessments which are key drivers within the Trust. He also discussed the moral responsibility, economic drivers, legal obligations and paying particular attention to the MHSWA (Management of Health and Safety at Work Act).

The Trust is developing a robust Risk Management system to enable planning of risk, understanding risk profiles and organising appropriate measures, with the key components of this approach being the planning, organising, measuring, audits, and reviews. Training is an important element within the Estates department with annual assessments of the members of staff which is used to help determine key training needs.

David Lively discussed the energy performance contract which is operated by a third-party service provider but in conjunction with the Trust, this arrangement is contracted to run over a 15-year period. Annual trigeneration production figures were shown, with steam being distributed across the site at 6.0 barg. This contract includes a built in guaranteed savings schedule. David also described the management structure along with the Trust's duties and first line operations. Other important factors that need to be taken into consideration are the control of contractors and staff alike, with particular reference to Risk Assessments and Method Statements (RAMS), competency matrices and Safe Systems of Work such as Mechanical Permits for use with pressure vessels, Hot Work Permits for welding and Confined Space Permits for statutory boiler inspections.

In response to the excellent hospitality given, Mr Raymond Poon, Head of Engineering at EMSD, expressed his gratitude and thanks to the CEA and especially Birmingham Heartlands Hospital for their hospitality in

hosting their visit, he went on to say “we are very impressed by the professionalism and knowledge of the team at Heartlands and appreciate them sharing their experience with us. It has certainly

given us a significant number of ideas to consider implementing and improving our own procedures. We shall certainly be inviting Derry and Cochran back to Hong Kong to carry out further risk assessment and BOAS training”.

David Kilpatrick Director of the CEA said “This is just one example of how the CEA and its excellent members work together to help educate people involved in our industry, to share best practice and keep people safe”.



Inside the hospitals energy centre two of the three Cochran boilers and CHP engine.